8.1 GSM Output Power

GSM-state12-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	30.69	31.36	31.17	31.50	21.50	22.17	21.98	22.31
GPRS (GMSK, 1-Slot)	31.49	31.26	31.03	31.50	22.30	22.07	21.84	22.31
GPRS (GMSK, 2-Slots)	28.85	28.59	28.36	29.00	**22.72**	22.46	22.23	**22.87**
GPRS (GMSK, 3-Slots)	26.95	26.91	26.70	27.00	22.53	22.49	22.28	22.58
GPRS (GMSK, 4-Slots)	24.86	25.28	25.03	26.00	21.68	22.10	21.85	22.82
EGPRS (8PSK, 1-Slot)	26.37	26.40	26.25	26.50	17.18	17.21	17.06	17.31
EGPRS (8PSK, 2-Slots)	24.08	23.64	23.57	24.50	17.95	17.51	17.44	18.37
EGPRS (8PSK, 3-Slots)	22.08	22.03	22.26	22.50	17.66	17.61	17.84	18.08
EGPRS (8PSK, 4-Slots)	21.29	21.26	21.26	22.00	18.11	18.08	18.08	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	27.30	27.12	27.28	27.50	18.11	17.93	18.09	18.31
GPRS (GMSK, 1-Slot)	27.27	27.20	26.98	27.50	18.08	18.01	17.79	18.31
GPRS (GMSK, 2-Slots)	23.38	23.25	23.25	24.50	17.25	17.12	17.12	18.37
GPRS (GMSK, 3-Slots)	22.33	22.23	22.23	23.00	17.91	17.81	17.81	18.58
GPRS (GMSK, 4-Slots)	21.52	21.39	21.66	22.00	18.34	18.21	**18.48**	**18.82**
EGPRS (8PSK, 1-Slot)	25.09	24.96	25.06	25.50	15.90	15.77	15.87	16.31
EGPRS (8PSK, 2-Slots)	21.76	21.66	21.79	23.50	15.63	15.53	15.66	17.37
EGPRS (8PSK, 3-Slots)	19.08	19.00	19.02	21.00	14.66	14.58	14.60	16.58
EGPRS (8PSK, 4-Slots)	17.85	17.60	17.69	19.00	14.67	14.42	14.51	15.82

GSM-state16-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	23.87	23.62	23.93	24.00	14.68	14.43	14.74	14.81
GPRS (GMSK, 1-Slot)	23.87	23.59	23.90	24.00	14.68	14.40	14.71	14.81
GPRS (GMSK, 2-Slots)	21.11	20.87	21.45	21.50	14.98	14.74	**15.32**	**15.37**
GPRS (GMSK, 3-Slots)	19.35	19.26	19.48	19.50	14.93	14.84	15.06	15.08
GPRS (GMSK, 4-Slots)	17.87	17.63	17.44	18.50	14.69	14.45	14.26	15.32
EGPRS (8PSK, 1-Slot)	23.73	23.58	23.75	24.50	14.54	14.39	14.56	15.31
EGPRS (8PSK, 2-Slots)	20.93	20.84	20.91	21.00	14.80	14.71	14.78	14.87
EGPRS (8PSK, 3-Slots)	19.47	19.40	19.48	19.50	15.05	14.98	15.06	15.08
EGPRS (8PSK, 4-Slots)	17.54	17.39	17.47	18.00	14.36	14.21	14.29	14.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	22.83	22.93	22.81	23.00	13.64	13.74	13.62	13.81
GPRS (GMSK, 1-Slot)	22.83	23.00	22.85	23.00	13.64	13.81	13.66	13.81
GPRS (GMSK, 2-Slots)	19.12	19.06	19.05	20.00	12.99	12.93	12.92	13.87
GPRS (GMSK, 3-Slots)	18.28	18.09	18.09	18.50	13.86	13.67	13.67	14.08
GPRS (GMSK, 4-Slots)	17.07	16.84	17.01	17.50	**13.89**	13.66	13.83	**14.32**
EGPRS (8PSK, 1-Slot)	20.17	19.98	20.06	20.50	10.98	10.79	10.87	11.31
EGPRS (8PSK, 2-Slots)	16.67	16.90	17.31	18.00	10.54	10.77	11.18	11.87
EGPRS (8PSK, 3-Slots)	15.55	15.62	16.02	16.50	11.13	11.20	11.60	12.08
EGPRS (8PSK, 4-Slots)	14.27	14.40	14.70	16.00	11.09	11.22	11.52	12.82

GSM-state18-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	23.87	23.62	23.93	24.00	14.68	14.43	14.74	14.81
GPRS (GMSK, 1-Slot)	23.87	23.59	23.90	24.00	14.68	14.40	14.71	14.81
GPRS (GMSK, 2-Slots)	21.11	20.87	21.45	21.50	14.98	14.74	**15.32**	**15.37**
GPRS (GMSK, 3-Slots)	19.35	19.26	19.48	19.50	14.93	14.84	15.06	15.08
GPRS (GMSK, 4-Slots)	17.87	17.63	17.44	18.50	14.69	14.45	14.26	15.32
EGPRS (8PSK, 1-Slot)	23.73	23.58	23.75	24.50	14.54	14.39	14.56	15.31
EGPRS (8PSK, 2-Slots)	20.93	20.84	20.91	21.00	14.80	14.71	14.78	14.87
EGPRS (8PSK, 3-Slots)	19.47	19.40	19.48	19.50	15.05	14.98	15.06	15.08
EGPRS (8PSK, 4-Slots)	17.54	17.39	17.47	18.00	14.36	14.21	14.29	14.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	22.83	22.93	22.81	23.00	13.64	13.74	13.62	13.81
GPRS (GMSK, 1-Slot)	22.83	23.00	22.85	23.00	13.64	13.81	13.66	13.81
GPRS (GMSK, 2-Slots)	19.12	19.06	19.05	20.00	12.99	12.93	12.92	13.87
GPRS (GMSK, 3-Slots)	18.28	18.09	18.09	18.50	13.86	13.67	13.67	14.08
GPRS (GMSK, 4-Slots)	17.07	16.84	17.01	17.50	**13.89**	13.66	13.83	**14.32**
EGPRS (8PSK, 1-Slot)	20.17	19.98	20.06	20.50	10.98	10.79	10.87	11.31
EGPRS (8PSK, 2-Slots)	16.67	16.90	17.31	18.00	10.54	10.77	11.18	11.87
EGPRS (8PSK, 3-Slots)	15.55	15.62	16.02	16.50	11.13	11.20	11.60	12.08
EGPRS (8PSK, 4-Slots)	14.27	14.40	14.70	16.00	11.09	11.22	11.52	12.82

GSM-state20-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	23.87	23.62	23.93	24.00	14.68	14.43	14.74	14.81
GPRS (GMSK, 1-Slot)	23.87	23.59	23.90	24.00	14.68	14.40	14.71	14.81
GPRS (GMSK, 2-Slots)	21.11	20.87	21.45	21.50	14.98	14.74	**15.32**	**15.37**
GPRS (GMSK, 3-Slots)	19.35	19.26	19.48	19.50	14.93	14.84	15.06	15.08
GPRS (GMSK, 4-Slots)	17.87	17.63	17.44	18.50	14.69	14.45	14.26	15.32
EGPRS (8PSK, 1-Slot)	23.73	23.58	23.75	24.50	14.54	14.39	14.56	15.31
EGPRS (8PSK, 2-Slots)	20.93	20.84	20.91	21.00	14.80	14.71	14.78	14.87
EGPRS (8PSK, 3-Slots)	19.47	19.40	19.48	19.50	15.05	14.98	15.06	15.08
EGPRS (8PSK, 4-Slots)	17.54	17.39	17.47	18.00	14.36	14.21	14.29	14.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	22.83	22.93	22.81	23.00	13.64	13.74	13.62	13.81
GPRS (GMSK, 1-Slot)	22.83	23.00	22.85	23.00	13.64	13.81	13.66	13.81
GPRS (GMSK, 2-Slots)	19.12	19.06	19.05	20.00	12.99	12.93	12.92	13.87
GPRS (GMSK, 3-Slots)	18.28	18.09	18.09	18.50	13.86	13.67	13.67	14.08
GPRS (GMSK, 4-Slots)	17.07	16.84	17.01	17.50	**13.89**	13.66	13.83	**14.32**
EGPRS (8PSK, 1-Slot)	20.17	19.98	20.06	20.50	10.98	10.79	10.87	11.31
EGPRS (8PSK, 2-Slots)	16.67	16.90	17.31	18.00	10.54	10.77	11.18	11.87
EGPRS (8PSK, 3-Slots)	15.55	15.62	16.02	16.50	11.13	11.20	11.60	12.08
EGPRS (8PSK, 4-Slots)	14.27	14.40	14.70	16.00	11.09	11.22	11.52	12.82

GSM-state11-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	30.41	30.49	30.43	30.50	21.22	21.30	21.24	21.31
GPRS (GMSK, 1-Slot)	30.39	30.47	30.33	30.50	21.20	21.28	21.14	21.31
GPRS (GMSK, 2-Slots)	26.93	26.73	26.85	27.50	20.80	20.60	20.72	21.37
GPRS (GMSK, 3-Slots)	25.95	25.91	25.92	26.00	21.53	21.49	21.50	21.58
GPRS (GMSK, 4-Slots)	24.95	24.89	24.98	25.00	21.77	21.71	**21.80**	**21.82**
EGPRS (8PSK, 1-Slot)	25.33	25.21	25.36	26.50	16.14	16.02	16.17	17.31
EGPRS (8PSK, 2-Slots)	23.63	23.60	23.54	25.50	17.50	17.47	17.41	19.37
EGPRS (8PSK, 3-Slots)	22.50	22.40	22.46	24.00	18.08	17.98	18.04	19.58
EGPRS (8PSK, 4-Slots)	21.84	21.88	21.85	23.50	18.66	18.70	18.67	20.32

GSM-state15-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	30.41	30.49	30.43	30.50	21.22	21.30	21.24	21.31
GPRS (GMSK, 1-Slot)	30.39	30.47	30.33	30.50	21.20	21.28	21.14	21.31
GPRS (GMSK, 2-Slots)	26.93	26.73	26.85	27.50	20.80	20.60	20.72	21.37
GPRS (GMSK, 3-Slots)	25.95	25.91	25.92	26.00	21.53	21.49	21.50	21.58
GPRS (GMSK, 4-Slots)	24.95	24.89	24.98	25.00	21.77	21.71	**21.80**	**21.82**
EGPRS (8PSK, 1-Slot)	25.33	25.21	25.36	26.50	16.14	16.02	16.17	17.31
EGPRS (8PSK, 2-Slots)	23.63	23.60	23.54	25.50	17.50	17.47	17.41	19.37
EGPRS (8PSK, 3-Slots)	22.50	22.40	22.46	24.00	18.08	17.98	18.04	19.58
EGPRS (8PSK, 4-Slots)	21.84	21.88	21.85	23.50	18.66	18.70	18.67	20.32

GSM-state17-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	29.42	29.20	29.32	29.50	20.23	20.01	20.13	20.31
GPRS (GMSK, 1-Slot)	29.42	29.18	29.33	29.50	20.23	19.99	20.14	20.31
GPRS (GMSK, 2-Slots)	25.31	25.13	25.29	26.50	19.18	19.00	19.16	20.37
GPRS (GMSK, 3-Slots)	25.98	25.87	25.81	26.00	**21.56**	21.45	21.39	**21.58**
GPRS (GMSK, 4-Slots)	22.73	22.61	22.74	24.00	19.55	19.43	19.56	20.82
EGPRS (8PSK, 1-Slot)	25.30	25.34	25.37	25.50	16.11	16.15	16.18	16.31
EGPRS (8PSK, 2-Slots)	22.39	22.14	22.30	23.50	16.26	16.01	16.17	17.37
EGPRS (8PSK, 3-Slots)	20.92	20.73	20.84	21.50	16.50	16.31	16.42	17.08
EGPRS (8PSK, 4-Slots)	18.54	18.63	18.59	20.50	15.36	15.45	15.41	17.32

GSM-state19-Ant.1								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	698	885	Power(dBm)
GSM (GMSK, 1-Slot)	30.41	30.49	30.43	30.50	21.22	21.30	21.24	21.31
GPRS (GMSK, 1-Slot)	30.39	30.47	30.33	30.50	21.20	21.28	21.14	21.31
GPRS (GMSK, 2-Slots)	26.93	26.73	26.85	27.50	20.80	20.60	20.72	21.37
GPRS (GMSK, 3-Slots)	25.95	25.91	25.92	26.00	21.53	21.49	21.50	21.58
GPRS (GMSK, 4-Slots)	24.95	24.89	24.98	25.00	21.77	21.71	**21.80**	**21.82**
EGPRS (8PSK, 1-Slot)	25.33	25.21	25.36	26.50	16.14	16.02	16.17	17.31
EGPRS (8PSK, 2-Slots)	23.63	23.60	23.54	25.50	17.50	17.47	17.41	19.37
EGPRS (8PSK, 3-Slots)	22.50	22.40	22.46	24.00	18.08	17.98	18.04	19.58
EGPRS (8PSK, 4-Slots)	21.84	21.88	21.85	23.50	18.66	18.70	18.67	20.32

GSM-state12-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.91	32.74	32.60	33.50	23.72	23.55	23.41	24.31
GPRS (GMSK, 1-Slot)	32.89	32.70	32.94	33.50	23.70	23.51	23.75	24.31
GPRS (GMSK, 2-Slots)	29.70	29.93	29.81	31.00	23.57	**23.80**	23.68	**24.87**
GPRS (GMSK, 3-Slots)	27.09	27.30	27.15	29.00	22.67	22.88	22.73	24.58
GPRS (GMSK, 4-Slots)	26.05	26.09	26.31	28.00	22.87	22.91	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.36	26.46	26.42	26.50	17.17	17.27	17.23	17.31
EGPRS (8PSK, 2-Slots)	24.46	24.34	24.42	24.50	18.33	18.21	18.29	18.37
EGPRS (8PSK, 3-Slots)	21.68	21.61	21.58	23.00	17.26	17.19	17.16	18.58
EGPRS (8PSK, 4-Slots)	20.92	20.94	20.97	22.50	17.74	17.76	17.79	19.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state16-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.91	32.74	32.60	33.50	23.72	23.55	23.41	24.31
GPRS (GMSK, 1-Slot)	32.89	32.70	32.94	33.50	23.70	23.51	23.75	24.31
GPRS (GMSK, 2-Slots)	29.70	29.93	29.81	31.00	23.57	**23.80**	23.68	**24.87**
GPRS (GMSK, 3-Slots)	27.09	27.30	27.15	29.00	22.67	22.88	22.73	24.58
GPRS (GMSK, 4-Slots)	26.05	26.09	26.31	28.00	22.87	22.91	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.36	26.46	26.42	26.50	17.17	17.27	17.23	17.31
EGPRS (8PSK, 2-Slots)	24.46	24.34	24.42	24.50	18.33	18.21	18.29	18.37
EGPRS (8PSK, 3-Slots)	21.68	21.61	21.58	23.00	17.26	17.19	17.16	18.58
EGPRS (8PSK, 4-Slots)	20.92	20.94	20.97	22.50	17.74	17.76	17.79	19.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state18-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.91	32.74	32.60	33.50	23.72	23.55	23.41	24.31
GPRS (GMSK, 1-Slot)	32.89	32.70	32.94	33.50	23.70	23.51	23.75	24.31
GPRS (GMSK, 2-Slots)	29.70	29.93	29.81	31.00	23.57	**23.80**	23.68	**24.87**
GPRS (GMSK, 3-Slots)	27.09	27.30	27.15	29.00	22.67	22.88	22.73	24.58
GPRS (GMSK, 4-Slots)	26.05	26.09	26.31	28.00	22.87	22.91	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.36	26.46	26.42	26.50	17.17	17.27	17.23	17.31
EGPRS (8PSK, 2-Slots)	24.46	24.34	24.42	24.50	18.33	18.21	18.29	18.37
EGPRS (8PSK, 3-Slots)	21.68	21.61	21.58	23.00	17.26	17.19	17.16	18.58
EGPRS (8PSK, 4-Slots)	20.92	20.94	20.97	22.50	17.74	17.76	17.79	19.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state20-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.91	32.74	32.60	33.50	23.72	23.55	23.41	24.31
GPRS (GMSK, 1-Slot)	32.89	32.70	32.94	33.50	23.70	23.51	23.75	24.31
GPRS (GMSK, 2-Slots)	29.70	29.93	29.81	31.00	23.57	**23.80**	23.68	**24.87**
GPRS (GMSK, 3-Slots)	27.09	27.30	27.15	29.00	22.67	22.88	22.73	24.58
GPRS (GMSK, 4-Slots)	26.05	26.09	26.31	28.00	22.87	22.91	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.36	26.46	26.42	26.50	17.17	17.27	17.23	17.31
EGPRS (8PSK, 2-Slots)	24.46	24.34	24.42	24.50	18.33	18.21	18.29	18.37
EGPRS (8PSK, 3-Slots)	21.68	21.61	21.58	23.00	17.26	17.19	17.16	18.58
EGPRS (8PSK, 4-Slots)	20.92	20.94	20.97	22.50	17.74	17.76	17.79	19.32
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state11-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state15-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

GSM-state17-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	28.77	28.62	28.77	29.00	19.58	19.43	19.58	19.81
GPRS (GMSK, 1-Slot)	28.81	28.59	28.77	29.00	19.62	19.40	19.58	19.81
GPRS (GMSK, 2-Slots)	24.61	24.74	24.65	26.00	18.48	18.61	18.52	19.87
GPRS (GMSK, 3-Slots)	23.45	23.44	23.59	24.50	19.03	19.02	19.17	20.08
GPRS (GMSK, 4-Slots)	22.94	22.91	23.04	23.50	19.76	19.73	**19.86**	**20.32**
EGPRS (8PSK, 1-Slot)	25.14	25.18	25.17	26.50	15.95	15.99	15.98	17.31
EGPRS (8PSK, 2-Slots)	22.19	22.14	22.18	24.00	16.06	16.01	16.05	17.87
EGPRS (8PSK, 3-Slots)	20.88	20.75	20.75	22.50	16.46	16.33	16.33	18.08
EGPRS (8PSK, 4-Slots)	18.62	18.59	18.68	20.00	15.44	15.41	15.50	16.82

GSM-state19-Ant.0								
GSM850 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged power			Tune-up
Channel	128	190	251	Power(dBm)	128	190	251	Power(dBm)
GSM (GMSK, 1-Slot)	32.86	32.64	32.50	33.50	23.67	23.45	23.31	24.31
GPRS (GMSK, 1-Slot)	32.84	32.65	32.54	33.50	23.65	23.46	23.35	24.31
GPRS (GMSK, 2-Slots)	29.37	29.11	29.85	31.00	23.24	22.98	**23.72**	**24.87**
GPRS (GMSK, 3-Slots)	27.05	27.25	27.17	29.00	22.63	22.83	22.75	24.58
GPRS (GMSK, 4-Slots)	26.07	26.33	26.31	28.00	22.89	23.15	23.13	24.82
EGPRS (8PSK, 1-Slot)	26.30	26.24	26.12	26.50	17.11	17.05	16.93	17.31
EGPRS (8PSK, 2-Slots)	24.38	23.97	24.03	24.50	18.25	17.84	17.90	18.37
EGPRS (8PSK, 3-Slots)	21.64	21.69	21.96	22.50	17.22	17.27	17.54	18.08
EGPRS (8PSK, 4-Slots)	20.85	20.96	20.93	22.00	17.67	17.78	17.75	18.82
GSM1900 Band	Burst Average Power(dBm)			Tune-up	Frame-Averaged			Tune-up
Channel	512	661	810	Power(dBm)	512	661	810	Power(dBm)
GSM (GMSK, 1-Slot)	30.29	30.45	30.32	30.50	21.10	21.26	21.13	21.31
GPRS (GMSK, 1-Slot)	30.34	30.47	30.31	30.50	21.15	21.28	21.12	21.31
GPRS (GMSK, 2-Slots)	26.71	26.62	26.75	27.50	20.58	20.49	20.62	21.37
GPRS (GMSK, 3-Slots)	25.75	25.89	25.83	26.00	21.33	21.47	21.41	21.58
GPRS (GMSK, 4-Slots)	24.95	24.81	24.87	25.00	**21.77**	21.63	21.69	**21.82**
EGPRS (8PSK, 1-Slot)	25.11	25.10	25.14	26.50	15.92	15.91	15.95	17.31
EGPRS (8PSK, 2-Slots)	23.70	23.67	23.63	25.50	17.57	17.54	17.50	19.37
EGPRS (8PSK, 3-Slots)	22.43	22.46	22.41	24.00	18.01	18.04	17.99	19.58
EGPRS (8PSK, 4-Slots)	21.59	21.52	21.53	23.50	18.41	18.34	18.35	20.32

8.2 WCDMA Output Power

WCDMA-State 12-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	17.77	17.73	17.79	18.00
RMC 12.2Kbps	17.79	**17.82**	17.65	18.00
HSDPA Subtest-1	17.66	17.80	17.69	18.00
HSDPA Subtest-2	17.72	17.81	17.96	18.00
HSDPA Subtest-3	17.18	17.30	17.42	17.50
HSDPA Subtest-4	17.39	17.29	17.35	17.50
HSUPA Subtest-1	16.96	16.87	16.77	18.00
HSUPA Subtest-2	15.67	15.74	15.60	16.00
HSUPA Subtest-3	16.79	16.80	16.74	17.00
HSUPA Subtest-4	15.95	15.81	15.71	16.00
HSUPA Subtest-5	17.83	17.80	17.89	18.00
HSPA+	15.60	15.78	15.82	16.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	17.55	17.61	17.73	18.00
RMC 12.2Kbps	17.53	17.72	**17.75**	18.00
HSDPA Subtest-1	17.35	17.69	17.61	18.00
HSDPA Subtest-2	17.35	17.69	17.59	18.00
HSDPA Subtest-3	16.37	16.21	16.50	16.50
HSDPA Subtest-4	16.26	16.23	16.46	16.50
HSUPA Subtest-1	16.88	16.84	17.14	18.00
HSUPA Subtest-2	13.47	14.13	13.76	14.50
HSUPA Subtest-3	15.19	15.22	15.22	15.50
HSUPA Subtest-4	14.17	14.22	14.36	14.50
HSUPA Subtest-5	17.30	17.68	17.49	18.00
HSPA+	15.10	15.19	15.25	15.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.73	22.62	22.67	23.50
RMC 12.2Kbps	**22.75**	22.71	22.72	23.50
HSDPA Subtest-1	21.64	21.72	21.71	22.50
HSDPA Subtest-2	21.65	21.71	21.70	22.50
HSDPA Subtest-3	21.20	21.23	21.21	22.00
HSDPA Subtest-4	21.18	21.24	21.16	22.00
HSUPA Subtest-1	21.87	21.95	21.87	22.50
HSUPA Subtest-2	19.90	19.89	19.88	20.50
HSUPA Subtest-3	20.88	20.97	20.88	21.50
HSUPA Subtest-4	19.89	19.95	19.94	20.50
HSUPA Subtest-5	21.87	21.88	21.87	22.50
HSPA+	20.90	20.87	20.90	21.50

WCDMA-State 16-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.35	16.30	16.26	16.50
RMC 12.2Kbps	16.33	**16.35**	16.33	16.50
HSDPA Subtest-1	16.34	16.34	16.24	16.50
HSDPA Subtest-2	16.27	16.39	16.34	16.50
HSDPA Subtest-3	15.84	15.84	15.76	16.00
HSDPA Subtest-4	15.80	15.87	15.77	16.00
HSUPA Subtest-1	15.34	15.41	15.39	16.50
HSUPA Subtest-2	14.43	14.42	14.34	14.50
HSUPA Subtest-3	15.31	15.35	15.24	15.50
HSUPA Subtest-4	14.34	14.37	14.26	14.50
HSUPA Subtest-5	16.33	16.40	16.38	16.50
HSPA+	14.33	14.38	14.41	14.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	16.15	16.33	16.21	16.50
RMC 12.2Kbps	16.17	**16.33**	16.28	16.50
HSDPA Subtest-1	16.12	16.34	16.32	16.50
HSDPA Subtest-2	16.21	16.37	16.27	16.50
HSDPA Subtest-3	14.59	14.84	14.79	15.00
HSDPA Subtest-4	14.65	14.85	14.79	15.00
HSUPA Subtest-1	15.11	15.33	15.23	16.50
HSUPA Subtest-2	12.67	12.86	12.73	13.00
HSUPA Subtest-3	13.65	13.81	13.69	14.00
HSUPA Subtest-4	12.70	12.90	12.86	13.00
HSUPA Subtest-5	16.20	16.33	16.23	16.50
HSPA+	13.62	13.72	13.70	14.00
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.43	22.38	22.30	23.00
RMC 12.2Kbps	22.47	**22.49**	22.39	23.00
HSDPA Subtest-1	21.50	21.50	21.29	22.00
HSDPA Subtest-2	21.48	21.54	21.44	22.00
HSDPA Subtest-3	20.92	21.00	20.82	21.50
HSDPA Subtest-4	20.91	20.97	20.81	21.50
HSUPA Subtest-1	21.43	21.49	21.35	22.00
HSUPA Subtest-2	19.38	19.52	19.42	20.00
HSUPA Subtest-3	20.39	20.51	20.43	21.00
HSUPA Subtest-4	19.38	19.52	19.38	20.00
HSUPA Subtest-5	21.41	21.49	21.26	22.00
HSPA+	20.45	20.51	20.39	21.00

WCDMA-State 18-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	10.86	10.83	10.88	11.00
RMC 12.2Kbps	10.89	**10.90**	10.82	11.00
HSDPA Subtest-1	10.71	10.68	10.77	11.00
HSDPA Subtest-2	10.80	10.94	10.72	11.00
HSDPA Subtest-3	10.36	10.41	10.35	10.50
HSDPA Subtest-4	10.32	10.39	10.37	10.50
HSUPA Subtest-1	10.76	10.86	10.68	11.00
HSUPA Subtest-2	8.36	8.33	8.38	9.00
HSUPA Subtest-3	9.88	9.93	9.90	10.00
HSUPA Subtest-4	8.33	8.24	8.30	9.00
HSUPA Subtest-5	10.72	10.85	10.73	11.00
HSPA+	8.37	8.26	8.33	9.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	10.67	10.84	10.80	11.00
RMC 12.2Kbps	10.67	10.80	**10.87**	11.00
HSDPA Subtest-1	10.67	10.84	10.80	11.00
HSDPA Subtest-2	10.70	10.85	10.90	11.00
HSDPA Subtest-3	9.09	9.26	9.24	9.50
HSDPA Subtest-4	8.99	9.30	9.20	9.50
HSUPA Subtest-1	10.66	10.81	10.84	11.00
HSUPA Subtest-2	7.34	7.48	7.47	7.50
HSUPA Subtest-3	8.16	8.35	8.25	8.50
HSUPA Subtest-4	7.34	7.46	7.41	7.50
HSUPA Subtest-5	10.61	10.80	10.75	11.00
HSPA+	8.17	8.30	8.37	8.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	16.99	16.89	16.80	17.50
RMC 12.2Kbps	**16.99**	16.94	16.88	17.50
HSDPA Subtest-1	16.02	15.93	15.96	16.50
HSDPA Subtest-2	15.98	15.96	15.92	16.50
HSDPA Subtest-3	15.48	15.36	15.35	16.00
HSDPA Subtest-4	15.44	15.34	15.32	16.00
HSUPA Subtest-1	16.04	15.90	15.95	16.50
HSUPA Subtest-2	13.93	14.01	14.07	14.50
HSUPA Subtest-3	14.90	14.88	14.90	15.50
HSUPA Subtest-4	13.96	14.02	13.97	14.50
HSUPA Subtest-5	15.35	15.20	15.35	16.50
HSPA+	14.80	14.88	14.90	15.50

WCDMA-State 20-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	10.86	10.83	10.88	11.00
RMC 12.2Kbps	10.89	**10.90**	10.82	11.00
HSDPA Subtest-1	10.71	10.68	10.77	11.00
HSDPA Subtest-2	10.80	10.94	10.72	11.00
HSDPA Subtest-3	10.36	10.41	10.35	10.50
HSDPA Subtest-4	10.32	10.39	10.37	10.50
HSUPA Subtest-1	10.76	10.86	10.68	11.00
HSUPA Subtest-2	8.36	8.33	8.38	9.00
HSUPA Subtest-3	9.88	9.93	9.90	10.00
HSUPA Subtest-4	8.33	8.24	8.30	9.00
HSUPA Subtest-5	10.72	10.85	10.73	11.00
HSPA+	8.37	8.26	8.33	9.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	10.67	10.84	10.80	11.00
RMC 12.2Kbps	10.67	10.80	**10.87**	11.00
HSDPA Subtest-1	10.67	10.84	10.80	11.00
HSDPA Subtest-2	10.70	10.85	10.90	11.00
HSDPA Subtest-3	9.09	9.26	9.24	9.50
HSDPA Subtest-4	8.99	9.30	9.20	9.50
HSUPA Subtest-1	10.66	10.81	10.84	11.00
HSUPA Subtest-2	7.34	7.48	7.47	7.50
HSUPA Subtest-3	8.16	8.35	8.25	8.50
HSUPA Subtest-4	7.34	7.46	7.41	7.50
HSUPA Subtest-5	10.61	10.80	10.75	11.00
HSPA+	8.17	8.30	8.37	8.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	17.84	17.80	17.87	18.50
RMC 12.2Kbps	17.91	**17.91**	17.85	18.50
HSDPA Subtest-1	16.87	16.93	17.03	17.50
HSDPA Subtest-2	16.84	16.96	16.97	17.50
HSDPA Subtest-3	16.55	16.33	16.37	17.00
HSDPA Subtest-4	16.56	16.31	16.32	17.00
HSUPA Subtest-1	16.85	16.83	16.78	17.50
HSUPA Subtest-2	14.83	14.99	14.92	15.50
HSUPA Subtest-3	15.76	15.88	15.96	16.50
HSUPA Subtest-4	14.93	14.91	14.88	15.50
HSUPA Subtest-5	16.37	16.10	16.33	17.50
HSPA+	15.80	15.86	15.90	16.50

WCDMA-State 11-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.49	19.53	19.43	20.00
RMC 12.2Kbps	19.53	**19.57**	19.45	20.00
HSDPA Subtest-1	19.52	19.56	19.43	20.00
HSDPA Subtest-2	19.51	19.57	19.42	20.00
HSDPA Subtest-3	18.99	19.03	18.92	19.50
HSDPA Subtest-4	18.99	19.06	18.89	19.50
HSUPA Subtest-1	18.58	18.63	18.47	20.00
HSUPA Subtest-2	17.17	17.30	17.04	18.00
HSUPA Subtest-3	17.40	17.48	17.34	17.50
HSUPA Subtest-4	17.48	17.58	17.43	18.00
HSUPA Subtest-5	19.51	19.51	19.45	20.00
HSPA+	17.38	17.51	17.38	18.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.27	19.25	19.19	20.00
RMC 12.2Kbps	19.31	**19.33**	19.29	20.00
HSDPA Subtest-1	19.36	19.37	19.32	20.00
HSDPA Subtest-2	19.35	19.36	19.32	20.00
HSDPA Subtest-3	17.78	17.85	17.79	18.50
HSDPA Subtest-4	17.79	17.86	17.80	18.50
HSUPA Subtest-1	18.39	18.49	18.46	20.00
HSUPA Subtest-2	15.84	15.80	15.83	16.50
HSUPA Subtest-3	16.82	16.88	16.80	17.50
HSUPA Subtest-4	15.81	15.86	15.87	16.50
HSUPA Subtest-5	19.39	19.35	19.35	20.00
HSPA+	16.77	16.88	16.82	17.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.52	23.47	23.40	24.50
RMC 12.2Kbps	**23.50**	23.45	23.47	24.50
HSDPA Subtest-1	22.53	22.50	22.46	23.50
HSDPA Subtest-2	22.57	22.50	22.47	23.50
HSDPA Subtest-3	22.04	22.01	21.98	23.00
HSDPA Subtest-4	22.02	21.99	21.95	23.00
HSUPA Subtest-1	22.43	22.50	22.33	23.50
HSUPA Subtest-2	20.46	20.42	20.41	21.50
HSUPA Subtest-3	21.51	21.41	21.34	22.50
HSUPA Subtest-4	20.53	20.39	20.34	21.50
HSUPA Subtest-5	22.53	22.49	22.38	23.50
HSPA+	21.45	21.28	21.34	22.50

WCDMA-State 15-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.49	19.53	19.43	20.00
RMC 12.2Kbps	19.53	**19.57**	19.45	20.00
HSDPA Subtest-1	19.52	19.56	19.43	20.00
HSDPA Subtest-2	19.51	19.57	19.42	20.00
HSDPA Subtest-3	18.99	19.03	18.92	19.50
HSDPA Subtest-4	18.99	19.06	18.89	19.50
HSUPA Subtest-1	18.58	18.63	18.47	20.00
HSUPA Subtest-2	17.17	17.30	17.04	18.00
HSUPA Subtest-3	17.40	17.48	17.34	17.50
HSUPA Subtest-4	17.48	17.58	17.43	18.00
HSUPA Subtest-5	19.51	19.51	19.45	20.00
HSPA+	17.38	17.51	17.38	18.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.27	19.25	19.19	20.00
RMC 12.2Kbps	19.31	**19.33**	19.29	20.00
HSDPA Subtest-1	19.36	19.37	19.32	20.00
HSDPA Subtest-2	19.35	19.36	19.32	20.00
HSDPA Subtest-3	17.78	17.85	17.79	18.50
HSDPA Subtest-4	17.79	17.86	17.80	18.50
HSUPA Subtest-1	18.39	18.49	18.46	20.00
HSUPA Subtest-2	15.84	15.80	15.83	16.50
HSUPA Subtest-3	16.82	16.88	16.80	17.50
HSUPA Subtest-4	15.81	15.86	15.87	16.50
HSUPA Subtest-5	19.39	19.35	19.35	20.00
HSPA+	16.77	16.88	16.82	17.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.52	23.47	23.40	24.50
RMC 12.2Kbps	**23.50**	23.45	23.47	24.50
HSDPA Subtest-1	22.53	22.50	22.46	23.50
HSDPA Subtest-2	22.57	22.50	22.47	23.50
HSDPA Subtest-3	22.04	22.01	21.98	23.00
HSDPA Subtest-4	22.02	21.99	21.95	23.00
HSUPA Subtest-1	22.43	22.50	22.33	23.50
HSUPA Subtest-2	20.46	20.42	20.41	21.50
HSUPA Subtest-3	21.51	21.41	21.34	22.50
HSUPA Subtest-4	20.53	20.39	20.34	21.50
HSUPA Subtest-5	22.53	22.49	22.38	23.50
HSPA+	21.45	21.28	21.34	22.50

WCDMA-State 17-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.49	19.53	19.43	20.00
RMC 12.2Kbps	19.53	**19.57**	19.45	20.00
HSDPA Subtest-1	19.52	19.56	19.43	20.00
HSDPA Subtest-2	19.51	19.57	19.42	20.00
HSDPA Subtest-3	18.99	19.03	18.92	19.50
HSDPA Subtest-4	18.99	19.06	18.89	19.50
HSUPA Subtest-1	18.58	18.63	18.47	20.00
HSUPA Subtest-2	17.17	17.30	17.04	18.00
HSUPA Subtest-3	17.40	17.48	17.34	17.50
HSUPA Subtest-4	17.48	17.58	17.43	18.00
HSUPA Subtest-5	19.51	19.51	19.45	20.00
HSPA+	17.38	17.51	17.38	18.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.27	19.25	19.19	20.00
RMC 12.2Kbps	19.31	**19.33**	19.29	20.00
HSDPA Subtest-1	19.36	19.37	19.32	20.00
HSDPA Subtest-2	19.35	19.36	19.32	20.00
HSDPA Subtest-3	17.78	17.85	17.79	18.50
HSDPA Subtest-4	17.79	17.86	17.80	18.50
HSUPA Subtest-1	18.39	18.49	18.46	20.00
HSUPA Subtest-2	15.84	15.80	15.83	16.50
HSUPA Subtest-3	16.82	16.88	16.80	17.50
HSUPA Subtest-4	15.81	15.86	15.87	16.50
HSUPA Subtest-5	19.39	19.35	19.35	20.00
HSPA+	16.77	16.88	16.82	17.50
	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.52	23.47	23.40	24.50
RMC 12.2Kbps	**23.50**	23.45	23.47	24.50
HSDPA Subtest-1	22.53	22.50	22.46	23.50
HSDPA Subtest-2	22.57	22.50	22.47	23.50
HSDPA Subtest-3	22.04	22.01	21.98	23.00
HSDPA Subtest-4	22.02	21.99	21.95	23.00
HSUPA Subtest-1	22.43	22.50	22.33	23.50
HSUPA Subtest-2	20.46	20.42	20.41	21.50
HSUPA Subtest-3	21.51	21.41	21.34	22.50
HSUPA Subtest-4	20.53	20.39	20.34	21.50
HSUPA Subtest-5	22.53	22.49	22.38	23.50
HSPA+	21.45	21.28	21.34	22.50

WCDMA-State 19-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	19.49	19.53	19.43	20.00
RMC 12.2Kbps	19.53	**19.57**	19.45	20.00
HSDPA Subtest-1	19.52	19.56	19.43	20.00
HSDPA Subtest-2	19.51	19.57	19.42	20.00
HSDPA Subtest-3	18.99	19.03	18.92	19.50
HSDPA Subtest-4	18.99	19.06	18.89	19.50
HSUPA Subtest-1	18.58	18.63	18.47	20.00
HSUPA Subtest-2	17.17	17.30	17.04	18.00
HSUPA Subtest-3	17.40	17.48	17.34	17.50
HSUPA Subtest-4	17.48	17.58	17.43	18.00
HSUPA Subtest-5	19.51	19.51	19.45	20.00
HSPA+	17.38	17.51	17.38	18.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	19.27	19.25	19.19	20.00
RMC 12.2Kbps	19.31	**19.33**	19.29	20.00
HSDPA Subtest-1	19.36	19.37	19.32	20.00
HSDPA Subtest-2	19.35	19.36	19.32	20.00
HSDPA Subtest-3	17.78	17.85	17.79	18.50
HSDPA Subtest-4	17.79	17.86	17.80	18.50
HSUPA Subtest-1	18.39	18.49	18.46	20.00
HSUPA Subtest-2	15.84	15.80	15.83	16.50
HSUPA Subtest-3	16.82	16.88	16.80	17.50
HSUPA Subtest-4	15.81	15.86	15.87	16.50
HSUPA Subtest-5	19.39	19.35	19.35	20.00
HSPA+	16.77	16.88	16.82	17.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.52	23.47	23.40	24.50
RMC 12.2Kbps	**23.50**	23.45	23.47	24.50
HSDPA Subtest-1	22.53	22.50	22.46	23.50
HSDPA Subtest-2	22.57	22.50	22.47	23.50
HSDPA Subtest-3	22.04	22.01	21.98	23.00
HSDPA Subtest-4	22.02	21.99	21.95	23.00
HSUPA Subtest-1	22.43	22.50	22.33	23.50
HSUPA Subtest-2	20.46	20.42	20.41	21.50
HSUPA Subtest-3	21.51	21.41	21.34	22.50
HSUPA Subtest-4	20.53	20.39	20.34	21.50
HSUPA Subtest-5	22.53	22.49	22.38	23.50
HSPA+	21.45	21.28	21.34	22.50

WCDMA-State 12-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.55	23.63	23.65	24.00
RMC 12.2Kbps	23.69	**23.75**	23.60	24.00
HSDPA Subtest-1	22.96	23.74	23.19	24.00
HSDPA Subtest-2	22.95	23.74	23.20	24.00
HSDPA Subtest-3	22.49	23.24	22.73	23.50
HSDPA Subtest-4	22.43	23.21	22.73	23.50
HSUPA Subtest-1	22.40	22.51	22.25	24.00
HSUPA Subtest-2	20.36	21.12	20.82	22.00
HSUPA Subtest-3	21.02	21.42	21.10	23.00
HSUPA Subtest-4	20.35	21.29	20.81	22.00
HSUPA Subtest-5	22.54	23.41	22.94	24.00
HSPA+	20.31	21.23	20.85	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.40	23.55	23.64	24.00
RMC 12.2Kbps	23.27	23.46	**23.53**	24.00
HSDPA Subtest-1	23.30	23.45	23.47	24.00
HSDPA Subtest-2	23.32	23.48	23.42	24.00
HSDPA Subtest-3	21.82	21.94	22.01	22.50
HSDPA Subtest-4	21.78	21.97	22.02	22.50
HSUPA Subtest-1	22.87	23.07	23.12	24.00
HSUPA Subtest-2	19.61	19.87	19.85	20.50
HSUPA Subtest-3	20.65	20.83	20.87	21.50
HSUPA Subtest-4	19.61	19.78	19.85	20.50
HSUPA Subtest-5	23.17	23.38	23.38	24.00
HSPA+	19.63	19.66	19.83	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 16-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.55	23.63	23.65	24.00
RMC 12.2Kbps	23.69	**23.75**	23.60	24.00
HSDPA Subtest-1	22.96	23.74	23.19	24.00
HSDPA Subtest-2	22.95	23.74	23.20	24.00
HSDPA Subtest-3	22.49	23.24	22.73	23.50
HSDPA Subtest-4	22.43	23.21	22.73	23.50
HSUPA Subtest-1	22.40	22.51	22.25	24.00
HSUPA Subtest-2	20.36	21.12	20.82	22.00
HSUPA Subtest-3	21.02	21.42	21.10	23.00
HSUPA Subtest-4	20.35	21.29	20.81	22.00
HSUPA Subtest-5	22.54	23.41	22.94	24.00
HSPA+	20.31	21.23	20.85	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.40	23.55	23.64	24.00
RMC 12.2Kbps	23.27	23.46	**23.53**	24.00
HSDPA Subtest-1	23.30	23.45	23.47	24.00
HSDPA Subtest-2	23.32	23.48	23.42	24.00
HSDPA Subtest-3	21.82	21.94	22.01	22.50
HSDPA Subtest-4	21.78	21.97	22.02	22.50
HSUPA Subtest-1	22.87	23.07	23.12	24.00
HSUPA Subtest-2	19.61	19.87	19.85	20.50
HSUPA Subtest-3	20.65	20.83	20.87	21.50
HSUPA Subtest-4	19.61	19.78	19.85	20.50
HSUPA Subtest-5	23.17	23.38	23.38	24.00
HSPA+	19.63	19.66	19.83	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 18-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.55	23.63	23.65	24.00
RMC 12.2Kbps	23.69	**23.75**	23.60	24.00
HSDPA Subtest-1	22.96	23.74	23.19	24.00
HSDPA Subtest-2	22.95	23.74	23.20	24.00
HSDPA Subtest-3	22.49	23.24	22.73	23.50
HSDPA Subtest-4	22.43	23.21	22.73	23.50
HSUPA Subtest-1	22.40	22.51	22.25	24.00
HSUPA Subtest-2	20.36	21.12	20.82	22.00
HSUPA Subtest-3	21.02	21.42	21.10	23.00
HSUPA Subtest-4	20.35	21.29	20.81	22.00
HSUPA Subtest-5	22.54	23.41	22.94	24.00
HSPA+	20.31	21.23	20.85	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.40	23.55	23.64	24.00
RMC 12.2Kbps	23.27	23.46	**23.53**	24.00
HSDPA Subtest-1	23.30	23.45	23.47	24.00
HSDPA Subtest-2	23.32	23.48	23.42	24.00
HSDPA Subtest-3	21.82	21.94	22.01	22.50
HSDPA Subtest-4	21.78	21.97	22.02	22.50
HSUPA Subtest-1	22.87	23.07	23.12	24.00
HSUPA Subtest-2	19.61	19.87	19.85	20.50
HSUPA Subtest-3	20.65	20.83	20.87	21.50
HSUPA Subtest-4	19.61	19.78	19.85	20.50
HSUPA Subtest-5	23.17	23.38	23.38	24.00
HSPA+	19.63	19.66	19.83	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 20-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	23.55	23.63	23.65	24.00
RMC 12.2Kbps	23.69	**23.75**	23.60	24.00
HSDPA Subtest-1	22.96	23.74	23.19	24.00
HSDPA Subtest-2	22.95	23.74	23.20	24.00
HSDPA Subtest-3	22.49	23.24	22.73	23.50
HSDPA Subtest-4	22.43	23.21	22.73	23.50
HSUPA Subtest-1	22.40	22.51	22.25	24.00
HSUPA Subtest-2	20.36	21.12	20.82	22.00
HSUPA Subtest-3	21.02	21.42	21.10	23.00
HSUPA Subtest-4	20.35	21.29	20.81	22.00
HSUPA Subtest-5	22.54	23.41	22.94	24.00
HSPA+	20.31	21.23	20.85	22.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.40	23.55	23.64	24.00
RMC 12.2Kbps	23.27	23.46	**23.53**	24.00
HSDPA Subtest-1	23.30	23.45	23.47	24.00
HSDPA Subtest-2	23.32	23.48	23.42	24.00
HSDPA Subtest-3	21.82	21.94	22.01	22.50
HSDPA Subtest-4	21.78	21.97	22.02	22.50
HSUPA Subtest-1	22.87	23.07	23.12	24.00
HSUPA Subtest-2	19.61	19.87	19.85	20.50
HSUPA Subtest-3	20.65	20.83	20.87	21.50
HSUPA Subtest-4	19.61	19.78	19.85	20.50
HSUPA Subtest-5	23.17	23.38	23.38	24.00
HSPA+	19.63	19.66	19.83	21.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 11-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.78	20.84	20.80	21.00
RMC 12.2Kbps	20.78	**20.90**	20.88	21.00
HSDPA Subtest-1	20.77	20.96	20.90	21.00
HSDPA Subtest-2	20.74	20.95	20.88	21.00
HSDPA Subtest-3	20.26	20.48	20.39	20.50
HSDPA Subtest-4	20.28	20.45	20.34	20.50
HSUPA Subtest-1	19.77	19.94	19.90	21.00
HSUPA Subtest-2	18.52	18.70	18.65	19.00
HSUPA Subtest-3	18.30	18.46	18.38	18.50
HSUPA Subtest-4	18.86	18.95	18.98	19.00
HSUPA Subtest-5	20.86	20.99	20.96	21.00
HSPA+	18.84	18.95	19.00	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.78	20.72	20.70	21.00
RMC 12.2Kbps	20.76	**20.80**	20.74	21.00
HSDPA Subtest-1	20.78	20.82	20.77	21.00
HSDPA Subtest-2	20.81	20.85	20.76	21.00
HSDPA Subtest-3	19.27	19.30	19.29	19.50
HSDPA Subtest-4	19.25	19.30	19.25	19.50
HSUPA Subtest-1	19.71	19.85	20.20	21.00
HSUPA Subtest-2	16.64	16.72	16.92	17.50
HSUPA Subtest-3	17.72	17.72	17.76	18.50
HSUPA Subtest-4	16.63	16.61	16.73	17.50
HSUPA Subtest-5	20.07	20.48	20.32	21.00
HSPA+	16.56	16.74	16.64	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 15-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.78	20.84	20.80	21.00
RMC 12.2Kbps	20.78	**20.90**	20.88	21.00
HSDPA Subtest-1	20.77	20.96	20.90	21.00
HSDPA Subtest-2	20.74	20.95	20.88	21.00
HSDPA Subtest-3	20.26	20.48	20.39	20.50
HSDPA Subtest-4	20.28	20.45	20.34	20.50
HSUPA Subtest-1	19.77	19.94	19.90	21.00
HSUPA Subtest-2	18.52	18.70	18.65	19.00
HSUPA Subtest-3	18.30	18.46	18.38	20.00
HSUPA Subtest-4	18.86	18.95	18.98	19.00
HSUPA Subtest-5	20.86	**20.99**	20.96	21.00
HSPA+	18.84	18.95	19.00	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.78	20.72	20.70	21.00
RMC 12.2Kbps	20.76	**20.80**	20.74	21.00
HSDPA Subtest-1	20.78	20.82	20.77	21.00
HSDPA Subtest-2	20.81	20.85	20.76	21.00
HSDPA Subtest-3	19.27	19.30	19.29	19.50
HSDPA Subtest-4	19.25	19.30	19.25	19.50
HSUPA Subtest-1	19.71	19.85	20.20	21.00
HSUPA Subtest-2	16.64	16.72	16.92	17.50
HSUPA Subtest-3	17.72	17.72	17.76	18.50
HSUPA Subtest-4	16.63	16.61	16.73	17.50
HSUPA Subtest-5	20.07	20.48	20.32	21.00
HSPA+	16.56	16.74	16.64	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 17-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.78	20.84	20.80	21.00
RMC 12.2Kbps	20.78	**20.90**	20.88	21.00
HSDPA Subtest-1	20.77	20.96	20.90	21.00
HSDPA Subtest-2	20.74	20.95	20.88	21.00
HSDPA Subtest-3	20.26	20.48	20.39	20.50
HSDPA Subtest-4	20.28	20.45	20.34	20.50
HSUPA Subtest-1	19.77	19.94	19.90	21.00
HSUPA Subtest-2	18.52	18.70	18.65	19.00
HSUPA Subtest-3	18.30	18.46	18.38	20.00
HSUPA Subtest-4	18.86	18.95	18.98	19.00
HSUPA Subtest-5	20.86	20.99	20.96	21.00
HSPA+	18.84	18.95	19.00	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.78	20.72	20.70	21.00
RMC 12.2Kbps	20.76	**20.80**	20.74	21.00
HSDPA Subtest-1	20.78	20.82	20.77	21.00
HSDPA Subtest-2	20.81	20.85	20.76	21.00
HSDPA Subtest-3	19.27	19.30	19.29	19.50
HSDPA Subtest-4	19.25	19.30	19.25	19.50
HSUPA Subtest-1	19.71	19.85	20.20	21.00
HSUPA Subtest-2	16.64	16.72	16.92	17.50
HSUPA Subtest-3	17.72	17.72	17.76	18.50
HSUPA Subtest-4	16.63	16.61	16.73	17.50
HSUPA Subtest-5	20.07	20.48	20.32	21.00
HSPA+	16.56	16.74	16.64	18.50
	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

WCDMA-State 19-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262.00	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.78	20.84	20.80	21.00
RMC 12.2Kbps	20.78	**20.90**	20.88	21.00
HSDPA Subtest-1	20.77	20.96	20.90	21.00
HSDPA Subtest-2	20.74	20.95	20.88	21.00
HSDPA Subtest-3	20.26	20.48	20.39	20.50
HSDPA Subtest-4	20.28	20.45	20.34	20.50
HSUPA Subtest-1	19.77	19.94	19.90	21.00
HSUPA Subtest-2	18.52	18.70	18.65	19.00
HSUPA Subtest-3	18.30	18.46	18.38	20.00
HSUPA Subtest-4	18.86	18.95	18.98	19.00
HSUPA Subtest-5	20.86	20.99	20.96	21.00
HSPA+	18.84	18.95	19.00	19.00
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312.00	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.78	20.72	20.70	21.00
RMC 12.2Kbps	20.76	**20.80**	20.74	21.00
HSDPA Subtest-1	20.78	20.82	20.77	21.00
HSDPA Subtest-2	20.81	20.85	20.76	21.00
HSDPA Subtest-3	19.27	19.30	19.29	19.50
HSDPA Subtest-4	19.25	19.30	19.25	19.50
HSUPA Subtest-1	19.71	19.85	20.20	21.00
HSUPA Subtest-2	16.64	16.72	16.92	17.50
HSUPA Subtest-3	17.72	17.72	17.76	18.50
HSUPA Subtest-4	16.63	16.61	16.73	17.50
HSUPA Subtest-5	20.07	20.48	20.32	21.00
HSPA+	16.56	16.74	16.64	18.50
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132.00	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.67	23.56	23.73	24.50
RMC 12.2Kbps	**23.74**	23.70	23.68	24.50
HSDPA Subtest-1	22.72	22.73	22.67	23.50
HSDPA Subtest-2	22.76	22.72	22.69	23.50
HSDPA Subtest-3	22.23	22.20	22.21	23.00
HSDPA Subtest-4	22.23	22.20	22.20	23.00
HSUPA Subtest-1	22.54	22.46	22.26	23.50
HSUPA Subtest-2	20.42	20.42	20.29	21.50
HSUPA Subtest-3	21.60	21.50	21.13	22.50
HSUPA Subtest-4	20.59	20.17	20.14	21.50
HSUPA Subtest-5	22.48	22.29	22.20	23.50
HSPA+	21.62	21.37	21.11	22.50

8.3 LTE Output Power

8.3.1 LTE Band2 Output Power

LTE B2-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.68	18.91	18.75	19.50
		MID	QPSK	18.77	18.83	18.66	19.50
		HIGH	QPSK	18.48	18.85	18.70	19.50
	3	LOW	QPSK	18.95	18.89	18.75	19.50
		MID	QPSK	18.78	18.79	18.95	19.50
		HIGH	QPSK	18.74	18.97	18.77	19.50
	6	LOW	QPSK	18.82	18.90	18.77	19.50
1.4	1	LOW	Q16	19.08	19.05	18.88	19.50
		MID	Q16	18.84	19.04	18.73	19.50
		HIGH	Q16	18.78	19.02	18.63	19.50
	3	LOW	Q16	18.98	19.02	18.90	19.50
		MID	Q16	18.71	18.75	19.01	19.50
		HIGH	Q16	18.76	19.04	18.95	19.50
	6	LOW	Q16	18.76	18.86	19.05	19.50
1.4	1	LOW	64QAM	19.02	19.11	18.59	19.50
		MID	64QAM	18.94	18.91	18.92	19.50
		HIGH	64QAM	18.75	18.94	18.65	19.50
	3	LOW	64QAM	18.72	19.02	18.79	19.50
		MID	64QAM	18.99	18.88	18.76	19.50
		HIGH	64QAM	18.93	18.71	18.95	19.50
	6	LOW	64QAM	18.85	18.87	18.87	19.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.70	18.80	18.68	19.50
		MID	QPSK	18.58	18.74	18.64	19.50
		HIGH	QPSK	18.58	18.72	18.55	19.50
	8	LOW	QPSK	18.95	18.83	18.78	19.50
		MID	QPSK	18.80	18.88	18.87	19.50
		HIGH	QPSK	18.89	18.80	18.86	19.50
	15	LOW	QPSK	18.80	18.84	18.96	19.50
3	1	LOW	Q16	18.81	19.21	18.90	19.50
		MID	Q16	18.94	19.14	18.67	19.50
		HIGH	Q16	18.71	19.12	18.67	19.50
	8	LOW	Q16	18.70	18.85	18.88	19.50
		MID	Q16	18.73	18.86	18.84	19.50
		HIGH	Q16	19.00	19.04	18.98	19.50
	15	LOW	Q16	18.82	18.75	18.75	19.50
3	1	LOW	64QAM	19.04	19.11	18.72	19.50
		MID	64QAM	18.73	18.76	18.85	19.50
		HIGH	64QAM	18.58	18.93	18.50	19.50
	8	LOW	64QAM	18.68	18.79	18.91	19.50
		MID	64QAM	18.98	18.75	18.80	19.50
		HIGH	64QAM	18.88	18.88	18.86	19.50
	15	LOW	64QAM	18.85	19.02	18.75	19.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.79	18.80	18.85	19.50
		MID	QPSK	18.80	18.78	18.77	19.50
		HIGH	QPSK	18.67	18.82	18.49	19.50
	12	LOW	QPSK	18.72	18.83	18.77	19.50
		MID	QPSK	18.86	18.88	18.97	19.50
		HIGH	QPSK	18.85	18.80	18.77	19.50
	25	LOW	QPSK	18.93	18.73	18.98	19.50
5	1	LOW	Q16	19.00	19.09	19.05	19.50
		MID	Q16	18.81	19.16	18.82	19.50
		HIGH	Q16	18.84	19.12	18.76	19.50
	12	LOW	Q16	18.68	19.02	19.02	19.50
		MID	Q16	18.96	18.79	18.99	19.50
		HIGH	Q16	18.72	18.75	18.95	19.50
	25	LOW	Q16	18.97	18.92	19.05	19.50
5	1	LOW	64QAM	18.77	19.19	18.84	19.50
		MID	64QAM	18.94	18.68	18.86	19.50
		HIGH	64QAM	18.73	18.91	18.70	19.50
	12	LOW	64QAM	18.70	19.02	18.98	19.50
		MID	64QAM	18.79	19.00	18.82	19.50
		HIGH	64QAM	18.88	18.96	19.05	19.50
	25	LOW	64QAM	19.10	19.06	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	18.81	18.73	19.50
		MID	QPSK	18.60	18.66	18.83	19.50
		HIGH	QPSK	18.71	18.80	18.49	19.50
	25	LOW	QPSK	18.97	18.82	18.92	19.50
		MID	QPSK	18.95	18.96	18.91	19.50
		HIGH	QPSK	18.72	18.87	18.75	19.50
	50	LOW	QPSK	18.78	18.69	18.77	19.50
10	1	LOW	Q16	19.04	18.96	18.95	19.50
		MID	Q16	18.94	18.99	18.80	19.50
		HIGH	Q16	18.80	18.93	18.59	19.50
	25	LOW	Q16	18.78	18.79	18.96	19.50
		MID	Q16	18.84	18.81	19.05	19.50
		HIGH	Q16	18.78	19.02	18.91	19.50
	50	LOW	Q16	19.05	18.94	18.75	19.50
10	1	LOW	64QAM	18.90	19.21	18.76	19.50
		MID	64QAM	18.73	18.70	18.86	19.50
		HIGH	64QAM	18.56	18.94	18.55	19.50
	25	LOW	64QAM	18.51	18.96	18.83	19.50
		MID	64QAM	18.75	18.92	19.06	19.50
		HIGH	64QAM	18.88	18.71	18.82	19.50
	50	LOW	64QAM	19.04	19.04	18.92	19.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.91	18.72	18.77	19.50
		MID	QPSK	18.62	18.78	18.77	19.50
		HIGH	QPSK	18.76	18.78	18.51	19.50
	36	LOW	QPSK	18.95	19.00	18.88	19.50
		MID	QPSK	18.82	18.69	18.91	19.50
		HIGH	QPSK	18.91	18.91	18.73	19.50
	75	LOW	QPSK	18.86	18.98	19.00	19.50
15	1	LOW	Q16	18.94	19.21	18.84	19.50
		MID	Q16	18.86	18.89	18.77	19.50
		HIGH	Q16	18.80	19.14	18.86	19.50
	36	LOW	Q16	18.81	18.77	18.86	19.50
		MID	Q16	18.71	19.01	18.80	19.50
		HIGH	Q16	18.76	18.96	18.83	19.50
	75	LOW	Q16	18.89	18.96	18.77	19.50
15	1	LOW	64QAM	18.77	18.98	18.65	19.50
		MID	64QAM	18.82	18.85	18.92	19.50
		HIGH	64QAM	18.60	18.98	18.70	19.50
	36	LOW	64QAM	18.59	19.06	19.08	19.50
		MID	64QAM	18.98	18.92	18.80	19.50
		HIGH	64QAM	18.97	18.75	18.88	19.50
	75	LOW	64QAM	18.98	19.10	18.94	19.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.87	**18.89**	18.81	19.50
		MID	QPSK	18.73	18.87	18.85	19.50
		HIGH	QPSK	18.69	18.76	18.70	19.50
	50	LOW	QPSK	18.89	18.91	18.86	19.50
		MID	QPSK	18.94	**18.95**	18.93	19.50
		HIGH	QPSK	18.93	18.91	18.90	19.50
	100	LOW	QPSK	**18.95**	18.90	18.92	19.50
20	1	LOW	Q16	19.02	19.15	18.99	19.50
		MID	Q16	18.90	19.10	18.88	19.50
		HIGH	Q16	18.86	19.04	18.80	19.50
	50	LOW	Q16	18.89	18.96	18.94	19.50
		MID	Q16	18.92	18.92	18.97	19.50
		HIGH	Q16	18.91	18.96	18.89	19.50
	100	LOW	Q16	18.97	18.94	18.96	19.50
20	1	LOW	64QAM	18.98	19.13	18.78	19.50
		MID	64QAM	18.86	18.89	18.94	19.50
		HIGH	64QAM	18.73	19.04	18.61	19.50
	50	LOW	64QAM	18.70	19.00	19.00	19.50
		MID	64QAM	18.90	18.96	18.97	19.50
		HIGH	64QAM	18.97	18.92	18.97	19.50
	100	LOW	64QAM	19.06	19.02	18.96	19.50

LTE B2-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.75	17.58	17.64	18.50
		MID	QPSK	17.66	17.89	17.75	18.50
		HIGH	QPSK	17.74	17.60	17.65	18.50
	3	LOW	QPSK	17.80	17.79	17.92	18.50
		MID	QPSK	17.76	17.93	17.82	18.50
		HIGH	QPSK	18.03	17.88	17.93	18.50
	6	LOW	QPSK	17.99	17.86	17.89	18.50
1.4	1	LOW	Q16	18.08	18.05	17.99	18.50
		MID	Q16	18.14	18.04	17.90	18.50
		HIGH	Q16	18.16	17.94	17.88	18.50
	3	LOW	Q16	17.70	17.99	17.78	18.50
		MID	Q16	17.75	18.02	17.82	18.50
		HIGH	Q16	18.04	18.01	17.73	18.50
	6	LOW	Q16	18.05	17.90	17.90	18.50
1.4	1	LOW	64QAM	18.20	18.05	17.93	18.50
		MID	64QAM	17.92	17.95	17.99	18.50
		HIGH	64QAM	18.15	18.10	17.68	18.50
	3	LOW	64QAM	17.95	17.87	17.96	18.50
		MID	64QAM	17.93	18.10	18.10	18.50
		HIGH	64QAM	17.96	18.30	17.81	18.50
	6	LOW	64QAM	17.93	17.83	17.95	18.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.70	17.77	17.64	18.50
		MID	QPSK	17.82	17.80	17.70	18.50
		HIGH	QPSK	17.85	17.87	17.73	18.50
	8	LOW	QPSK	17.84	17.84	17.99	18.50
		MID	QPSK	17.85	17.81	17.82	18.50
		HIGH	QPSK	17.98	17.87	17.75	18.50
	15	LOW	QPSK	17.76	17.72	17.75	18.50
3	1	LOW	Q16	18.12	18.10	18.04	18.50
		MID	Q16	18.12	17.97	18.06	18.50
		HIGH	Q16	18.27	18.29	17.85	18.50
	8	LOW	Q16	17.98	17.85	17.90	18.50
		MID	Q16	17.83	17.81	17.87	18.50
		HIGH	Q16	17.79	18.10	17.93	18.50
	15	LOW	Q16	17.91	17.79	17.85	18.50
3	1	LOW	64QAM	18.19	18.18	18.11	18.50
		MID	64QAM	17.99	18.09	17.94	18.50
		HIGH	64QAM	18.16	18.13	17.78	18.50
	8	LOW	64QAM	17.98	18.11	18.10	18.50
		MID	64QAM	18.00	17.92	18.05	18.50
		HIGH	64QAM	17.81	18.12	17.86	18.50
	15	LOW	64QAM	17.91	17.71	17.86	18.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.74	17.75	17.69	18.50
		MID	QPSK	17.84	17.80	17.88	18.50
		HIGH	QPSK	17.74	17.60	17.75	18.50
	12	LOW	QPSK	17.93	17.79	18.06	18.50
		MID	QPSK	17.78	17.93	17.77	18.50
		HIGH	QPSK	17.99	17.97	17.91	18.50
	25	LOW	QPSK	17.95	17.83	17.77	18.50
5	1	LOW	Q16	18.08	18.17	18.06	18.50
		MID	Q16	18.12	18.18	17.95	18.50
		HIGH	Q16	18.18	18.05	17.97	18.50
	12	LOW	Q16	17.73	17.94	17.85	18.50
		MID	Q16	17.86	17.97	17.87	18.50
		HIGH	Q16	17.99	18.13	17.89	18.50
	25	LOW	Q16	17.88	18.02	17.78	18.50
5	1	LOW	64QAM	17.95	18.23	17.89	18.50
		MID	64QAM	18.02	18.07	17.98	18.50
		HIGH	64QAM	18.06	18.01	17.77	18.50
	12	LOW	64QAM	17.84	18.02	17.87	18.50
		MID	64QAM	18.14	17.94	17.92	18.50
		HIGH	64QAM	18.03	18.23	17.63	18.50
	25	LOW	64QAM	18.05	17.87	17.83	18.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.77	17.71	18.50
		MID	QPSK	17.73	17.91	17.65	18.50
		HIGH	QPSK	17.72	17.80	17.52	18.50
	25	LOW	QPSK	17.91	17.72	17.88	18.50
		MID	QPSK	17.92	17.84	17.98	18.50
		HIGH	QPSK	17.94	17.88	17.90	18.50
	50	LOW	QPSK	17.94	17.95	18.00	18.50
10	1	LOW	Q16	18.10	18.07	18.04	18.50
		MID	Q16	18.23	18.20	18.09	18.50
		HIGH	Q16	18.16	18.25	17.76	18.50
	25	LOW	Q16	17.87	17.83	18.01	18.50
		MID	Q16	17.91	17.88	17.86	18.50
		HIGH	Q16	17.83	17.92	17.77	18.50
	50	LOW	Q16	17.84	17.84	17.78	18.50
10	1	LOW	64QAM	17.95	18.23	17.93	18.50
		MID	64QAM	17.92	18.18	17.96	18.50
		HIGH	64QAM	18.07	18.15	17.73	18.50
	25	LOW	64QAM	17.86	18.09	18.12	18.50
		MID	64QAM	17.87	17.89	18.05	18.50
		HIGH	64QAM	18.06	18.23	17.81	18.50
	50	LOW	64QAM	18.09	17.87	17.92	18.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.68	17.59	17.83	18.50
		MID	QPSK	17.86	17.80	17.60	18.50
		HIGH	QPSK	17.77	17.74	17.49	18.50
	36	LOW	QPSK	17.80	17.80	17.97	18.50
		MID	QPSK	17.73	17.72	18.00	18.50
		HIGH	QPSK	17.82	17.94	17.88	18.50
	75	LOW	QPSK	17.71	17.79	17.73	18.50
15	1	LOW	Q16	18.06	17.94	17.92	18.50
		MID	Q16	18.05	17.99	17.91	18.50
		HIGH	Q16	18.09	18.14	17.81	18.50
	36	LOW	Q16	17.91	17.83	17.96	18.50
		MID	Q16	17.93	17.77	17.75	18.50
		HIGH	Q16	17.85	18.13	17.89	18.50
	75	LOW	Q16	18.09	17.90	17.83	18.50
15	1	LOW	64QAM	18.13	18.07	18.11	18.50
		MID	64QAM	17.97	18.02	17.74	18.50
		HIGH	64QAM	18.06	18.08	17.84	18.50
	36	LOW	64QAM	17.79	18.00	17.98	18.50
		MID	64QAM	17.87	17.94	18.07	18.50
		HIGH	64QAM	17.92	18.18	17.88	18.50
	75	LOW	64QAM	17.96	17.67	17.74	18.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.59	17.57	17.58	18.50
		MID	QPSK	17.62	**17.64**	17.59	18.50
		HIGH	QPSK	17.61	17.58	17.48	18.50
	50	LOW	QPSK	17.64	17.71	17.77	18.50
		MID	QPSK	17.72	17.66	17.73	18.50
		HIGH	QPSK	17.74	**17.79**	17.75	18.50
	100	LOW	QPSK	17.70	17.68	**17.71**	18.50
20	1	LOW	Q16	17.99	17.92	17.88	18.50
		MID	Q16	17.94	17.93	17.84	18.50
		HIGH	Q16	18.03	18.07	17.72	18.50
	50	LOW	Q16	17.69	17.74	17.72	18.50
		MID	Q16	17.75	17.75	17.71	18.50
		HIGH	Q16	17.79	17.88	17.73	18.50
	100	LOW	Q16	17.80	17.75	17.72	18.50
20	1	LOW	64QAM	17.95	17.96	17.89	18.50
		MID	64QAM	17.84	17.89	17.74	18.50
		HIGH	64QAM	17.91	17.95	17.62	18.50
	50	LOW	64QAM	17.71	17.87	17.83	18.50
		MID	64QAM	17.87	17.81	17.83	18.50
		HIGH	64QAM	17.81	18.03	17.61	18.50
	100	LOW	64QAM	17.87	17.65	17.68	18.50

LTE B2-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.38	13.37	13.48	14.00
		MID	QPSK	13.47	13.49	13.37	14.00
		HIGH	QPSK	13.43	13.59	13.42	14.00
	3	LOW	QPSK	13.50	13.54	13.52	14.00
		MID	QPSK	13.56	13.44	13.62	14.00
		HIGH	QPSK	13.60	13.64	13.50	14.00
	6	LOW	QPSK	13.70	13.59	13.54	14.00
1.4	1	LOW	Q16	13.55	13.71	13.73	14.00
		MID	Q16	13.49	13.63	13.79	14.00
		HIGH	Q16	13.57	13.78	13.63	14.00
	3	LOW	Q16	13.39	13.48	13.65	14.00
		MID	Q16	13.61	13.54	13.54	14.00
		HIGH	Q16	13.63	13.72	13.71	14.00
	6	LOW	Q16	13.71	13.62	13.54	14.00
1.4	1	LOW	64QAM	13.76	13.84	13.69	14.00
		MID	64QAM	13.82	13.76	13.74	14.00
		HIGH	64QAM	13.81	13.94	13.70	14.00
	3	LOW	64QAM	13.43	13.68	13.73	14.00
		MID	64QAM	13.76	13.66	13.49	14.00
		HIGH	64QAM	13.73	13.49	13.67	14.00
	6	LOW	64QAM	13.63	13.44	13.55	14.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	13.49	13.44	13.44	14.00
		MID	QPSK	13.47	13.39	13.49	14.00
		HIGH	QPSK	13.55	13.62	13.24	14.00
	8	LOW	QPSK	13.53	13.49	13.60	14.00
		MID	QPSK	13.72	13.51	13.62	14.00
		HIGH	QPSK	13.57	13.71	13.70	14.00
	15	LOW	QPSK	13.64	13.60	13.42	14.00
3	1	LOW	Q16	13.68	13.72	13.66	14.00
		MID	Q16	13.60	13.60	13.77	14.00
		HIGH	Q16	13.75	13.77	13.73	14.00
	8	LOW	Q16	13.58	13.65	13.62	14.00
		MID	Q16	13.64	13.48	13.59	14.00
		HIGH	Q16	13.71	13.57	13.60	14.00
	15	LOW	Q16	13.56	13.47	13.63	14.00
3	1	LOW	64QAM	13.66	13.87	13.69	14.00
		MID	64QAM	13.97	13.68	13.85	14.00
		HIGH	64QAM	13.76	13.92	13.64	14.00
	8	LOW	64QAM	13.50	13.48	13.68	14.00
		MID	64QAM	13.57	13.62	13.45	14.00
		HIGH	64QAM	13.73	13.45	13.77	14.00
	15	LOW	64QAM	13.71	13.38	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	13.42	13.46	13.46	14.00
		MID	QPSK	13.42	13.41	13.59	14.00
		HIGH	QPSK	13.48	13.47	13.23	14.00
	12	LOW	QPSK	13.48	13.53	13.56	14.00
		MID	QPSK	13.69	13.56	13.58	14.00
		HIGH	QPSK	13.76	13.77	13.66	14.00
	25	LOW	QPSK	13.52	13.60	13.53	14.00
5	1	LOW	Q16	13.61	13.62	13.69	14.00
		MID	Q16	13.64	13.59	13.61	14.00
		HIGH	Q16	13.57	13.79	13.54	14.00
	12	LOW	Q16	13.50	13.55	13.54	14.00
		MID	Q16	13.60	13.64	13.63	14.00
		HIGH	Q16	13.74	13.71	13.67	14.00
	25	LOW	Q16	13.74	13.46	13.51	14.00
5	1	LOW	64QAM	13.77	13.82	13.79	14.00
		MID	64QAM	13.81	13.68	13.78	14.00
		HIGH	64QAM	13.65	13.75	13.67	14.00
	12	LOW	64QAM	13.51	13.54	13.72	14.00
		MID	64QAM	13.58	13.64	13.61	14.00
		HIGH	64QAM	13.77	13.48	13.55	14.00
	25	LOW	64QAM	13.61	13.37	13.62	14.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	13.48	13.45	13.53	14.00
		MID	QPSK	13.40	13.45	13.40	14.00
		HIGH	QPSK	13.56	13.63	13.42	14.00
	25	LOW	QPSK	13.49	13.63	13.56	14.00
		MID	QPSK	13.56	13.60	13.57	14.00
		HIGH	QPSK	13.54	13.67	13.64	14.00
	50	LOW	QPSK	13.70	13.50	13.54	14.00
10	1	LOW	Q16	13.57	13.66	13.66	14.00
		MID	Q16	13.65	13.61	13.80	14.00
		HIGH	Q16	13.77	13.77	13.65	14.00
	25	LOW	Q16	13.54	13.59	13.61	14.00
		MID	Q16	13.62	13.54	13.67	14.00
		HIGH	Q16	13.64	13.53	13.56	14.00
	50	LOW	Q16	13.72	13.44	13.69	14.00
10	1	LOW	64QAM	13.81	13.92	13.73	14.00
		MID	64QAM	13.82	13.68	13.87	14.00
		HIGH	64QAM	13.74	13.92	13.82	14.00
	25	LOW	64QAM	13.50	13.58	13.69	14.00
		MID	64QAM	13.71	13.48	13.49	14.00
		HIGH	64QAM	13.83	13.52	13.57	14.00
	50	LOW	64QAM	13.75	13.40	13.69	14.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	13.40	13.54	13.48	14.00
		MID	QPSK	13.55	13.55	13.56	14.00
		HIGH	QPSK	13.60	13.53	13.29	14.00
	36	LOW	QPSK	13.53	13.59	13.66	14.00
		MID	QPSK	13.61	13.60	13.51	14.00
		HIGH	QPSK	13.64	13.73	13.62	14.00
	75	LOW	QPSK	13.68	13.55	13.54	14.00
15	1	LOW	Q16	13.71	13.63	13.77	14.00
		MID	Q16	13.69	13.53	13.76	14.00
		HIGH	Q16	13.67	13.74	13.51	14.00
	36	LOW	Q16	13.47	13.67	13.61	14.00
		MID	Q16	13.65	13.58	13.64	14.00
		HIGH	Q16	13.68	13.75	13.57	14.00
	75	LOW	Q16	13.71	13.58	13.47	14.00
15	1	LOW	64QAM	13.63	13.97	13.83	14.00
		MID	64QAM	13.93	13.64	13.85	14.00
		HIGH	64QAM	13.81	13.88	13.76	14.00
	36	LOW	64QAM	13.50	13.63	13.65	14.00
		MID	64QAM	13.68	13.66	13.56	14.00
		HIGH	64QAM	13.63	13.60	13.61	14.00
	75	LOW	64QAM	13.72	13.30	13.59	14.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	13.33	13.29	13.33	14.00
		MID	QPSK	13.31	13.34	13.32	14.00
		HIGH	QPSK	13.35	**13.42**	13.17	14.00
	50	LOW	QPSK	13.37	13.38	13.41	14.00
		MID	QPSK	13.48	13.39	13.46	14.00
		HIGH	QPSK	13.49	**13.52**	13.45	14.00
	100	LOW	QPSK	**13.43**	13.39	13.37	14.00
20	1	LOW	Q16	13.44	13.51	13.57	14.00
		MID	Q16	13.44	13.48	13.56	14.00
		HIGH	Q16	13.52	13.54	13.46	14.00
	50	LOW	Q16	13.34	13.40	13.41	14.00
		MID	Q16	13.45	13.41	13.43	14.00
		HIGH	Q16	13.51	13.48	13.48	14.00
	100	LOW	Q16	13.47	13.39	13.42	14.00
20	1	LOW	64QAM	13.57	13.78	13.64	14.00
		MID	64QAM	13.72	13.56	13.70	14.00
		HIGH	64QAM	13.57	13.67	13.55	14.00
	50	LOW	64QAM	13.34	13.43	13.48	14.00
		MID	64QAM	13.52	13.43	13.37	14.00
		HIGH	64QAM	13.58	13.37	13.50	14.00
	100	LOW	64QAM	13.48	13.25	13.50	14.00

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.38	13.37	13.48	14.00
		MID	QPSK	13.47	13.49	13.37	14.00
		HIGH	QPSK	13.43	13.59	13.42	14.00
	3	LOW	QPSK	13.50	13.54	13.52	14.00
		MID	QPSK	13.56	13.44	13.62	14.00
		HIGH	QPSK	13.60	13.64	13.50	14.00
	6	LOW	QPSK	13.70	13.59	13.54	14.00
1.4	1	LOW	Q16	13.55	13.71	13.73	14.00
		MID	Q16	13.49	13.63	13.79	14.00
		HIGH	Q16	13.57	13.78	13.63	14.00
	3	LOW	Q16	13.39	13.48	13.65	14.00
		MID	Q16	13.61	13.54	13.54	14.00
		HIGH	Q16	13.63	13.72	13.71	14.00
	6	LOW	Q16	13.71	13.62	13.54	14.00
1.4	1	LOW	64QAM	13.76	13.84	13.69	14.00
		MID	64QAM	13.82	13.76	13.74	14.00
		HIGH	64QAM	13.81	13.94	13.70	14.00
	3	LOW	64QAM	13.43	13.68	13.73	14.00
		MID	64QAM	13.76	13.66	13.49	14.00
		HIGH	64QAM	13.73	13.49	13.67	14.00
	6	LOW	64QAM	13.63	13.44	13.55	14.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	13.49	13.44	13.44	14.00
		MID	QPSK	13.47	13.39	13.49	14.00
		HIGH	QPSK	13.55	13.62	13.24	14.00
	8	LOW	QPSK	13.53	13.49	13.60	14.00
		MID	QPSK	13.72	13.51	13.62	14.00
		HIGH	QPSK	13.57	13.71	13.70	14.00
	15	LOW	QPSK	13.64	13.60	13.42	14.00
3	1	LOW	Q16	13.68	13.72	13.66	14.00
		MID	Q16	13.60	13.60	13.77	14.00
		HIGH	Q16	13.75	13.77	13.73	14.00
	8	LOW	Q16	13.58	13.65	13.62	14.00
		MID	Q16	13.64	13.48	13.59	14.00
		HIGH	Q16	13.71	13.57	13.60	14.00
	15	LOW	Q16	13.56	13.47	13.63	14.00
3	1	LOW	64QAM	13.66	13.87	13.69	14.00
		MID	64QAM	13.97	13.68	13.85	14.00
		HIGH	64QAM	13.76	13.92	13.64	14.00
	8	LOW	64QAM	13.50	13.48	13.68	14.00
		MID	64QAM	13.57	13.62	13.45	14.00
		HIGH	64QAM	13.73	13.45	13.77	14.00
	15	LOW	64QAM	13.71	13.38	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	13.42	13.46	13.46	14.00
		MID	QPSK	13.42	13.41	13.59	14.00
		HIGH	QPSK	13.48	13.47	13.23	14.00
	12	LOW	QPSK	13.48	13.53	13.56	14.00
		MID	QPSK	13.69	13.56	13.58	14.00
		HIGH	QPSK	13.76	13.77	13.66	14.00
	25	LOW	QPSK	13.52	13.60	13.53	14.00
5	1	LOW	Q16	13.61	13.62	13.69	14.00
		MID	Q16	13.64	13.59	13.61	14.00
		HIGH	Q16	13.57	13.79	13.54	14.00
	12	LOW	Q16	13.50	13.55	13.54	14.00
		MID	Q16	13.60	13.64	13.63	14.00
		HIGH	Q16	13.74	13.71	13.67	14.00
	25	LOW	Q16	13.74	13.46	13.51	14.00
5	1	LOW	64QAM	13.77	13.82	13.79	14.00
		MID	64QAM	13.81	13.68	13.78	14.00
		HIGH	64QAM	13.65	13.75	13.67	14.00
	12	LOW	64QAM	13.51	13.54	13.72	14.00
		MID	64QAM	13.58	13.64	13.61	14.00
		HIGH	64QAM	13.77	13.48	13.55	14.00
	25	LOW	64QAM	13.61	13.37	13.62	14.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	13.48	13.45	13.53	14.00
		MID	QPSK	13.40	13.45	13.40	14.00
		HIGH	QPSK	13.56	13.63	13.42	14.00
	25	LOW	QPSK	13.49	13.63	13.56	14.00
		MID	QPSK	13.56	13.60	13.57	14.00
		HIGH	QPSK	13.54	13.67	13.64	14.00
	50	LOW	QPSK	13.70	13.50	13.54	14.00
10	1	LOW	Q16	13.57	13.66	13.66	14.00
		MID	Q16	13.65	13.61	13.80	14.00
		HIGH	Q16	13.77	13.77	13.65	14.00
	25	LOW	Q16	13.54	13.59	13.61	14.00
		MID	Q16	13.62	13.54	13.67	14.00
		HIGH	Q16	13.64	13.53	13.56	14.00
	50	LOW	Q16	13.72	13.44	13.69	14.00
10	1	LOW	64QAM	13.81	13.92	13.73	14.00
		MID	64QAM	13.82	13.68	13.87	14.00
		HIGH	64QAM	13.74	13.92	13.82	14.00
	25	LOW	64QAM	13.50	13.58	13.69	14.00
		MID	64QAM	13.71	13.48	13.49	14.00
		HIGH	64QAM	13.83	13.52	13.57	14.00
	50	LOW	64QAM	13.75	13.40	13.69	14.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	13.40	13.54	13.48	14.00
		MID	QPSK	13.55	13.55	13.56	14.00
		HIGH	QPSK	13.60	13.53	13.29	14.00
	36	LOW	QPSK	13.53	13.59	13.66	14.00
		MID	QPSK	13.61	13.60	13.51	14.00
		HIGH	QPSK	13.64	13.73	13.62	14.00
	75	LOW	QPSK	13.68	13.55	13.54	14.00
15	1	LOW	Q16	13.71	13.63	13.77	14.00
		MID	Q16	13.69	13.53	13.76	14.00
		HIGH	Q16	13.67	13.74	13.51	14.00
	36	LOW	Q16	13.47	13.67	13.61	14.00
		MID	Q16	13.65	13.58	13.64	14.00
		HIGH	Q16	13.68	13.75	13.57	14.00
	75	LOW	Q16	13.71	13.58	13.47	14.00
15	1	LOW	64QAM	13.63	13.97	13.83	14.00
		MID	64QAM	13.93	13.64	13.85	14.00
		HIGH	64QAM	13.81	13.88	13.76	14.00
	36	LOW	64QAM	13.50	13.63	13.65	14.00
		MID	64QAM	13.68	13.66	13.56	14.00
		HIGH	64QAM	13.63	13.60	13.61	14.00
	75	LOW	64QAM	13.72	13.30	13.59	14.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	13.33	13.29	13.33	14.00
		MID	QPSK	13.31	13.34	13.32	14.00
		HIGH	QPSK	13.35	**13.42**	13.17	14.00
	50	LOW	QPSK	13.37	13.38	13.41	14.00
		MID	QPSK	13.48	13.39	13.46	14.00
		HIGH	QPSK	13.49	**13.52**	13.45	14.00
	100	LOW	QPSK	**13.43**	13.39	13.37	14.00
20	1	LOW	Q16	13.44	13.51	13.57	14.00
		MID	Q16	13.44	13.48	13.56	14.00
		HIGH	Q16	13.52	13.54	13.46	14.00
	50	LOW	Q16	13.34	13.40	13.41	14.00
		MID	Q16	13.45	13.41	13.43	14.00
		HIGH	Q16	13.51	13.48	13.48	14.00
	100	LOW	Q16	13.47	13.39	13.42	14.00
20	1	LOW	64QAM	13.57	13.78	13.64	14.00
		MID	64QAM	13.72	13.56	13.70	14.00
		HIGH	64QAM	13.57	13.67	13.55	14.00
	50	LOW	64QAM	13.34	13.43	13.48	14.00
		MID	64QAM	13.52	13.43	13.37	14.00
		HIGH	64QAM	13.58	13.37	13.50	14.00
	100	LOW	64QAM	13.48	13.25	13.50	14.00

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.68	18.91	18.75	19.50
		MID	QPSK	18.77	18.83	18.66	19.50
		HIGH	QPSK	18.48	18.85	18.70	19.50
	3	LOW	QPSK	18.95	18.89	18.75	19.50
		MID	QPSK	18.78	18.79	18.95	19.50
		HIGH	QPSK	18.74	18.97	18.77	19.50
	6	LOW	QPSK	18.82	18.90	18.77	19.50
1.4	1	LOW	Q16	19.08	19.05	18.88	19.50
		MID	Q16	18.84	19.04	18.73	19.50
		HIGH	Q16	18.78	19.02	18.63	19.50
	3	LOW	Q16	18.98	19.02	18.90	19.50
		MID	Q16	18.71	18.75	19.01	19.50
		HIGH	Q16	18.76	19.04	18.95	19.50
	6	LOW	Q16	18.76	18.86	19.05	19.50
1.4	1	LOW	64QAM	19.02	19.11	18.59	19.50
		MID	64QAM	18.94	18.91	18.92	19.50
		HIGH	64QAM	18.75	18.94	18.65	19.50
	3	LOW	64QAM	18.72	19.02	18.79	19.50
		MID	64QAM	18.99	18.88	18.76	19.50
		HIGH	64QAM	18.93	18.71	18.95	19.50
	6	LOW	64QAM	18.85	18.87	18.87	19.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.70	18.80	18.68	19.50
		MID	QPSK	18.58	18.74	18.64	19.50
		HIGH	QPSK	18.58	18.72	18.55	19.50
	8	LOW	QPSK	18.95	18.83	18.78	19.50
		MID	QPSK	18.80	18.88	18.87	19.50
		HIGH	QPSK	18.89	18.80	18.86	19.50
	15	LOW	QPSK	18.80	18.84	18.96	19.50
3	1	LOW	Q16	18.81	19.21	18.90	19.50
		MID	Q16	18.94	19.14	18.67	19.50
		HIGH	Q16	18.71	19.12	18.67	19.50
	8	LOW	Q16	18.70	18.85	18.88	19.50
		MID	Q16	18.73	18.86	18.84	19.50
		HIGH	Q16	19.00	19.04	18.98	19.50
	15	LOW	Q16	18.82	18.75	18.75	19.50
3	1	LOW	64QAM	19.04	19.11	18.72	19.50
		MID	64QAM	18.73	18.76	18.85	19.50
		HIGH	64QAM	18.58	18.93	18.50	19.50
	8	LOW	64QAM	18.68	18.79	18.91	19.50
		MID	64QAM	18.98	18.75	18.80	19.50
		HIGH	64QAM	18.88	18.88	18.86	19.50
	15	LOW	64QAM	18.85	19.02	18.75	19.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.79	18.80	18.85	19.50
		MID	QPSK	18.80	18.78	18.77	19.50
		HIGH	QPSK	18.67	18.82	18.49	19.50
	12	LOW	QPSK	18.72	18.83	18.77	19.50
		MID	QPSK	18.86	18.88	18.97	19.50
		HIGH	QPSK	18.85	18.80	18.77	19.50
	25	LOW	QPSK	18.93	18.73	18.98	19.50
5	1	LOW	Q16	19.00	19.09	19.05	19.50
		MID	Q16	18.81	19.16	18.82	19.50
		HIGH	Q16	18.84	19.12	18.76	19.50
	12	LOW	Q16	18.68	19.02	19.02	19.50
		MID	Q16	18.96	18.79	18.99	19.50
		HIGH	Q16	18.72	18.75	18.95	19.50
	25	LOW	Q16	18.97	18.92	19.05	19.50
5	1	LOW	64QAM	18.77	19.19	18.84	19.50
		MID	64QAM	18.94	18.68	18.86	19.50
		HIGH	64QAM	18.73	18.91	18.70	19.50
	12	LOW	64QAM	18.70	19.02	18.98	19.50
		MID	64QAM	18.79	19.00	18.82	19.50
		HIGH	64QAM	18.88	18.96	19.05	19.50
	25	LOW	64QAM	19.10	19.06	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	18.81	18.73	19.50
		MID	QPSK	18.60	18.66	18.83	19.50
		HIGH	QPSK	18.71	18.80	18.49	19.50
	25	LOW	QPSK	18.97	18.82	18.92	19.50
		MID	QPSK	18.95	18.96	18.91	19.50
		HIGH	QPSK	18.72	18.87	18.75	19.50
	50	LOW	QPSK	18.78	18.69	18.77	19.50
10	1	LOW	Q16	19.04	18.96	18.95	19.50
		MID	Q16	18.94	18.99	18.80	19.50
		HIGH	Q16	18.80	18.93	18.59	19.50
	25	LOW	Q16	18.78	18.79	18.96	19.50
		MID	Q16	18.84	18.81	19.05	19.50
		HIGH	Q16	18.78	19.02	18.91	19.50
	50	LOW	Q16	19.05	18.94	18.75	19.50
10	1	LOW	64QAM	18.90	19.21	18.76	19.50
		MID	64QAM	18.73	18.70	18.86	19.50
		HIGH	64QAM	18.56	18.94	18.55	19.50
	25	LOW	64QAM	18.51	18.96	18.83	19.50
		MID	64QAM	18.75	18.92	19.06	19.50
		HIGH	64QAM	18.88	18.71	18.82	19.50
	50	LOW	64QAM	19.04	19.04	18.92	19.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.91	18.72	18.77	19.50
		MID	QPSK	18.62	18.78	18.77	19.50
		HIGH	QPSK	18.76	18.78	18.51	19.50
	36	LOW	QPSK	18.95	19.00	18.88	19.50
		MID	QPSK	18.82	18.69	18.91	19.50
		HIGH	QPSK	18.91	18.91	18.73	19.50
	75	LOW	QPSK	18.86	18.98	19.00	19.50
15	1	LOW	Q16	18.94	19.21	18.84	19.50
		MID	Q16	18.86	18.89	18.77	19.50
		HIGH	Q16	18.80	19.14	18.86	19.50
	36	LOW	Q16	18.81	18.77	18.86	19.50
		MID	Q16	18.71	19.01	18.80	19.50
		HIGH	Q16	18.76	18.96	18.83	19.50
	75	LOW	Q16	18.89	18.96	18.77	19.50
15	1	LOW	64QAM	18.77	18.98	18.65	19.50
		MID	64QAM	18.82	18.85	18.92	19.50
		HIGH	64QAM	18.60	18.98	18.70	19.50
	36	LOW	64QAM	18.59	19.06	19.08	19.50
		MID	64QAM	18.98	18.92	18.80	19.50
		HIGH	64QAM	18.97	18.75	18.88	19.50
	75	LOW	64QAM	18.98	19.10	18.94	19.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.87	**18.89**	18.81	19.50
		MID	QPSK	18.73	18.87	18.85	19.50
		HIGH	QPSK	18.69	18.76	18.70	19.50
	50	LOW	QPSK	18.89	18.91	18.86	19.50
		MID	QPSK	18.94	**18.95**	18.93	19.50
		HIGH	QPSK	18.93	18.91	18.90	19.50
	100	LOW	QPSK	**18.95**	18.90	18.92	19.50
20	1	LOW	Q16	19.02	19.15	18.99	19.50
		MID	Q16	18.90	19.10	18.88	19.50
		HIGH	Q16	18.86	19.04	18.80	19.50
	50	LOW	Q16	18.89	18.96	18.94	19.50
		MID	Q16	18.92	18.92	18.97	19.50
		HIGH	Q16	18.91	18.96	18.89	19.50
	100	LOW	Q16	18.97	18.94	18.96	19.50
20	1	LOW	64QAM	18.98	19.13	18.78	19.50
		MID	64QAM	18.86	18.89	18.94	19.50
		HIGH	64QAM	18.73	19.04	18.61	19.50
	50	LOW	64QAM	18.70	19.00	19.00	19.50
		MID	64QAM	18.90	18.96	18.97	19.50
		HIGH	64QAM	18.97	18.92	18.97	19.50
	100	LOW	64QAM	19.06	19.02	18.96	19.50

LTE B2-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.68	18.91	18.75	19.50
		MID	QPSK	18.77	18.83	18.66	19.50
		HIGH	QPSK	18.48	18.85	18.70	19.50
	3	LOW	QPSK	18.95	18.89	18.75	19.50
		MID	QPSK	18.78	18.79	18.95	19.50
		HIGH	QPSK	18.74	18.97	18.77	19.50
	6	LOW	QPSK	18.82	18.90	18.77	19.50
1.4	1	LOW	Q16	19.08	19.05	18.88	19.50
		MID	Q16	18.84	19.04	18.73	19.50
		HIGH	Q16	18.78	19.02	18.63	19.50
	3	LOW	Q16	18.98	19.02	18.90	19.50
		MID	Q16	18.71	18.75	19.01	19.50
		HIGH	Q16	18.76	19.04	18.95	19.50
	6	LOW	Q16	18.76	18.86	19.05	19.50
1.4	1	LOW	64QAM	19.02	19.11	18.59	19.50
		MID	64QAM	18.94	18.91	18.92	19.50
		HIGH	64QAM	18.75	18.94	18.65	19.50
	3	LOW	64QAM	18.72	19.02	18.79	19.50
		MID	64QAM	18.99	18.88	18.76	19.50
		HIGH	64QAM	18.93	18.71	18.95	19.50
	6	LOW	64QAM	18.85	18.87	18.87	19.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.70	18.80	18.68	19.50
		MID	QPSK	18.58	18.74	18.64	19.50
		HIGH	QPSK	18.58	18.72	18.55	19.50
	8	LOW	QPSK	18.95	18.83	18.78	19.50
		MID	QPSK	18.80	18.88	18.87	19.50
		HIGH	QPSK	18.89	18.80	18.86	19.50
	15	LOW	QPSK	18.80	18.84	18.96	19.50
3	1	LOW	Q16	18.81	19.21	18.90	19.50
		MID	Q16	18.94	19.14	18.67	19.50
		HIGH	Q16	18.71	19.12	18.67	19.50
	8	LOW	Q16	18.70	18.85	18.88	19.50
		MID	Q16	18.73	18.86	18.84	19.50
		HIGH	Q16	19.00	19.04	18.98	19.50
	15	LOW	Q16	18.82	18.75	18.75	19.50
3	1	LOW	64QAM	19.04	19.11	18.72	19.50
		MID	64QAM	18.73	18.76	18.85	19.50
		HIGH	64QAM	18.58	18.93	18.50	19.50
	8	LOW	64QAM	18.68	18.79	18.91	19.50
		MID	64QAM	18.98	18.75	18.80	19.50
		HIGH	64QAM	18.88	18.88	18.86	19.50
	15	LOW	64QAM	18.85	19.02	18.75	19.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.79	18.80	18.85	19.50
		MID	QPSK	18.80	18.78	18.77	19.50
		HIGH	QPSK	18.67	18.82	18.49	19.50
	12	LOW	QPSK	18.72	18.83	18.77	19.50
		MID	QPSK	18.86	18.88	18.97	19.50
		HIGH	QPSK	18.85	18.80	18.77	19.50
	25	LOW	QPSK	18.93	18.73	18.98	19.50
5	1	LOW	Q16	19.00	19.09	19.05	19.50
		MID	Q16	18.81	19.16	18.82	19.50
		HIGH	Q16	18.84	19.12	18.76	19.50
	12	LOW	Q16	18.68	19.02	19.02	19.50
		MID	Q16	18.96	18.79	18.99	19.50
		HIGH	Q16	18.72	18.75	18.95	19.50
	25	LOW	Q16	18.97	18.92	19.05	19.50
5	1	LOW	64QAM	18.77	19.19	18.84	19.50
		MID	64QAM	18.94	18.68	18.86	19.50
		HIGH	64QAM	18.73	18.91	18.70	19.50
	12	LOW	64QAM	18.70	19.02	18.98	19.50
		MID	64QAM	18.79	19.00	18.82	19.50
		HIGH	64QAM	18.88	18.96	19.05	19.50
	25	LOW	64QAM	19.10	19.06	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	18.81	18.73	19.50
		MID	QPSK	18.60	18.66	18.83	19.50
		HIGH	QPSK	18.71	18.80	18.49	19.50
	25	LOW	QPSK	18.97	18.82	18.92	19.50
		MID	QPSK	18.95	18.96	18.91	19.50
		HIGH	QPSK	18.72	18.87	18.75	19.50
	50	LOW	QPSK	18.78	18.69	18.77	19.50
10	1	LOW	Q16	19.04	18.96	18.95	19.50
		MID	Q16	18.94	18.99	18.80	19.50
		HIGH	Q16	18.80	18.93	18.59	19.50
	25	LOW	Q16	18.78	18.79	18.96	19.50
		MID	Q16	18.84	18.81	19.05	19.50
		HIGH	Q16	18.78	19.02	18.91	19.50
	50	LOW	Q16	19.05	18.94	18.75	19.50
10	1	LOW	64QAM	18.90	19.21	18.76	19.50
		MID	64QAM	18.73	18.70	18.86	19.50
		HIGH	64QAM	18.56	18.94	18.55	19.50
	25	LOW	64QAM	18.51	18.96	18.83	19.50
		MID	64QAM	18.75	18.92	19.06	19.50
		HIGH	64QAM	18.88	18.71	18.82	19.50
	50	LOW	64QAM	19.04	19.04	18.92	19.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.91	18.72	18.77	19.50
		MID	QPSK	18.62	18.78	18.77	19.50
		HIGH	QPSK	18.76	18.78	18.51	19.50
	36	LOW	QPSK	18.95	19.00	18.88	19.50
		MID	QPSK	18.82	18.69	18.91	19.50
		HIGH	QPSK	18.91	18.91	18.73	19.50
	75	LOW	QPSK	18.86	18.98	19.00	19.50
15	1	LOW	Q16	18.94	19.21	18.84	19.50
		MID	Q16	18.86	18.89	18.77	19.50
		HIGH	Q16	18.80	19.14	18.86	19.50
	36	LOW	Q16	18.81	18.77	18.86	19.50
		MID	Q16	18.71	19.01	18.80	19.50
		HIGH	Q16	18.76	18.96	18.83	19.50
	75	LOW	Q16	18.89	18.96	18.77	19.50
15	1	LOW	64QAM	18.77	18.98	18.65	19.50
		MID	64QAM	18.82	18.85	18.92	19.50
		HIGH	64QAM	18.60	18.98	18.70	19.50
	36	LOW	64QAM	18.59	19.06	19.08	19.50
		MID	64QAM	18.98	18.92	18.80	19.50
		HIGH	64QAM	18.97	18.75	18.88	19.50
	75	LOW	64QAM	18.98	19.10	18.94	19.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.87	**18.89**	18.81	19.50
		MID	QPSK	18.73	18.87	18.85	19.50
		HIGH	QPSK	18.69	18.76	18.70	19.50
	50	LOW	QPSK	18.89	18.91	18.86	19.50
		MID	QPSK	18.94	**18.95**	18.93	19.50
		HIGH	QPSK	18.93	18.91	18.90	19.50
	100	LOW	QPSK	**18.95**	18.90	18.92	19.50
20	1	LOW	Q16	19.02	19.15	18.99	19.50
		MID	Q16	18.90	19.10	18.88	19.50
		HIGH	Q16	18.86	19.04	18.80	19.50
	50	LOW	Q16	18.89	18.96	18.94	19.50
		MID	Q16	18.92	18.92	18.97	19.50
		HIGH	Q16	18.91	18.96	18.89	19.50
	100	LOW	Q16	18.97	18.94	18.96	19.50
20	1	LOW	64QAM	18.98	19.13	18.78	19.50
		MID	64QAM	18.86	18.89	18.94	19.50
		HIGH	64QAM	18.73	19.04	18.61	19.50
	50	LOW	64QAM	18.70	19.00	19.00	19.50
		MID	64QAM	18.90	18.96	18.97	19.50
		HIGH	64QAM	18.97	18.92	18.97	19.50
	100	LOW	64QAM	19.06	19.02	18.96	19.50

LTE B2-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.75	17.58	17.64	18.50
		MID	QPSK	17.66	17.89	17.75	18.50
		HIGH	QPSK	17.74	17.60	17.65	18.50
	3	LOW	QPSK	17.80	17.79	17.92	18.50
		MID	QPSK	17.76	17.93	17.82	18.50
		HIGH	QPSK	18.03	17.88	17.93	18.50
	6	LOW	QPSK	17.99	17.86	17.89	18.50
1.4	1	LOW	Q16	18.08	18.05	17.99	18.50
		MID	Q16	18.14	18.04	17.90	18.50
		HIGH	Q16	18.16	17.94	17.88	18.50
	3	LOW	Q16	17.70	17.99	17.78	18.50
		MID	Q16	17.75	18.02	17.82	18.50
		HIGH	Q16	18.04	18.01	17.73	18.50
	6	LOW	Q16	18.05	17.90	17.90	18.50
1.4	1	LOW	64QAM	18.20	18.05	17.93	18.50
		MID	64QAM	17.92	17.95	17.99	18.50
		HIGH	64QAM	18.15	18.10	17.68	18.50
	3	LOW	64QAM	17.95	17.87	17.96	18.50
		MID	64QAM	17.93	18.10	18.10	18.50
		HIGH	64QAM	17.96	18.30	17.81	18.50
	6	LOW	64QAM	17.93	17.83	17.95	18.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.70	17.77	17.64	18.50
		MID	QPSK	17.82	17.80	17.70	18.50
		HIGH	QPSK	17.85	17.87	17.73	18.50
	8	LOW	QPSK	17.84	17.84	17.99	18.50
		MID	QPSK	17.85	17.81	17.82	18.50
		HIGH	QPSK	17.98	17.87	17.75	18.50
	15	LOW	QPSK	17.76	17.72	17.75	18.50
3	1	LOW	Q16	18.12	18.10	18.04	18.50
		MID	Q16	18.12	17.97	18.06	18.50
		HIGH	Q16	18.27	18.29	17.85	18.50
	8	LOW	Q16	17.98	17.85	17.90	18.50
		MID	Q16	17.83	17.81	17.87	18.50
		HIGH	Q16	17.79	18.10	17.93	18.50
	15	LOW	Q16	17.91	17.79	17.85	18.50
3	1	LOW	64QAM	18.19	18.18	18.11	18.50
		MID	64QAM	17.99	18.09	17.94	18.50
		HIGH	64QAM	18.16	18.13	17.78	18.50
	8	LOW	64QAM	17.98	18.11	18.10	18.50
		MID	64QAM	18.00	17.92	18.05	18.50
		HIGH	64QAM	17.81	18.12	17.86	18.50
	15	LOW	64QAM	17.91	17.71	17.86	18.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.74	17.75	17.69	18.50
		MID	QPSK	17.84	17.80	17.88	18.50
		HIGH	QPSK	17.74	17.60	17.75	18.50
	12	LOW	QPSK	17.93	17.79	18.06	18.50
		MID	QPSK	17.78	17.93	17.77	18.50
		HIGH	QPSK	17.99	17.97	17.91	18.50
	25	LOW	QPSK	17.95	17.83	17.77	18.50
5	1	LOW	Q16	18.08	18.17	18.06	18.50
		MID	Q16	18.12	18.18	17.95	18.50
		HIGH	Q16	18.18	18.05	17.97	18.50
	12	LOW	Q16	17.73	17.94	17.85	18.50
		MID	Q16	17.86	17.97	17.87	18.50
		HIGH	Q16	17.99	18.13	17.89	18.50
	25	LOW	Q16	17.88	18.02	17.78	18.50
5	1	LOW	64QAM	17.95	18.23	17.89	18.50
		MID	64QAM	18.02	18.07	17.98	18.50
		HIGH	64QAM	18.06	18.01	17.77	18.50
	12	LOW	64QAM	17.84	18.02	17.87	18.50
		MID	64QAM	18.14	17.94	17.92	18.50
		HIGH	64QAM	18.03	18.23	17.63	18.50
	25	LOW	64QAM	18.05	17.87	17.83	18.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.77	17.71	18.50
		MID	QPSK	17.73	17.91	17.65	18.50
		HIGH	QPSK	17.72	17.80	17.52	18.50
	25	LOW	QPSK	17.91	17.72	17.88	18.50
		MID	QPSK	17.92	17.84	17.98	18.50
		HIGH	QPSK	17.94	17.88	17.90	18.50
	50	LOW	QPSK	17.94	17.95	18.00	18.50
10	1	LOW	Q16	18.10	18.07	18.04	18.50
		MID	Q16	18.23	18.20	18.09	18.50
		HIGH	Q16	18.16	18.25	17.76	18.50
	25	LOW	Q16	17.87	17.83	18.01	18.50
		MID	Q16	17.91	17.88	17.86	18.50
		HIGH	Q16	17.83	17.92	17.77	18.50
	50	LOW	Q16	17.84	17.84	17.78	18.50
10	1	LOW	64QAM	17.95	18.23	17.93	18.50
		MID	64QAM	17.92	18.18	17.96	18.50
		HIGH	64QAM	18.07	18.15	17.73	18.50
	25	LOW	64QAM	17.86	18.09	18.12	18.50
		MID	64QAM	17.87	17.89	18.05	18.50
		HIGH	64QAM	18.06	18.23	17.81	18.50
	50	LOW	64QAM	18.09	17.87	17.92	18.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.68	17.59	17.83	18.50
		MID	QPSK	17.86	17.80	17.60	18.50
		HIGH	QPSK	17.77	17.74	17.49	18.50
	36	LOW	QPSK	17.80	17.80	17.97	18.50
		MID	QPSK	17.73	17.72	18.00	18.50
		HIGH	QPSK	17.82	17.94	17.88	18.50
	75	LOW	QPSK	17.71	17.79	17.73	18.50
15	1	LOW	Q16	18.06	17.94	17.92	18.50
		MID	Q16	18.05	17.99	17.91	18.50
		HIGH	Q16	18.09	18.14	17.81	18.50
	36	LOW	Q16	17.91	17.83	17.96	18.50
		MID	Q16	17.93	17.77	17.75	18.50
		HIGH	Q16	17.85	18.13	17.89	18.50
	75	LOW	Q16	18.09	17.90	17.83	18.50
15	1	LOW	64QAM	18.13	18.07	18.11	18.50
		MID	64QAM	17.97	18.02	17.74	18.50
		HIGH	64QAM	18.06	18.08	17.84	18.50
	36	LOW	64QAM	17.79	18.00	17.98	18.50
		MID	64QAM	17.87	17.94	18.07	18.50
		HIGH	64QAM	17.92	18.18	17.88	18.50
	75	LOW	64QAM	17.96	17.67	17.74	18.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.59	17.57	17.58	18.50
		MID	QPSK	17.62	**17.64**	17.59	18.50
		HIGH	QPSK	17.61	17.58	17.48	18.50
	50	LOW	QPSK	17.64	17.71	17.77	18.50
		MID	QPSK	17.72	17.66	17.73	18.50
		HIGH	QPSK	17.74	**17.79**	17.75	18.50
	100	LOW	QPSK	17.70	17.68	**17.71**	18.50
20	1	LOW	Q16	17.99	17.92	17.88	18.50
		MID	Q16	17.94	17.93	17.84	18.50
		HIGH	Q16	18.03	18.07	17.72	18.50
	50	LOW	Q16	17.69	17.74	17.72	18.50
		MID	Q16	17.75	17.75	17.71	18.50
		HIGH	Q16	17.79	17.88	17.73	18.50
	100	LOW	Q16	17.80	17.75	17.72	18.50
20	1	LOW	64QAM	17.95	17.96	17.89	18.50
		MID	64QAM	17.84	17.89	17.74	18.50
		HIGH	64QAM	17.91	17.95	17.62	18.50
	50	LOW	64QAM	17.71	17.87	17.83	18.50
		MID	64QAM	17.87	17.81	17.83	18.50
		HIGH	64QAM	17.81	18.03	17.61	18.50
	100	LOW	64QAM	17.87	17.65	17.68	18.50

LTE B2-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.75	17.58	17.64	18.50
		MID	QPSK	17.66	17.89	17.75	18.50
		HIGH	QPSK	17.74	17.60	17.65	18.50
	3	LOW	QPSK	17.80	17.79	17.92	18.50
		MID	QPSK	17.76	17.93	17.82	18.50
		HIGH	QPSK	18.03	17.88	17.93	18.50
	6	LOW	QPSK	17.99	17.86	17.89	18.50
1.4	1	LOW	Q16	18.08	18.05	17.99	18.50
		MID	Q16	18.14	18.04	17.90	18.50
		HIGH	Q16	18.16	17.94	17.88	18.50
	3	LOW	Q16	17.70	17.99	17.78	18.50
		MID	Q16	17.75	18.02	17.82	18.50
		HIGH	Q16	18.04	18.01	17.73	18.50
	6	LOW	Q16	18.05	17.90	17.90	18.50
1.4	1	LOW	64QAM	18.20	18.05	17.93	18.50
		MID	64QAM	17.92	17.95	17.99	18.50
		HIGH	64QAM	18.15	18.10	17.68	18.50
	3	LOW	64QAM	17.95	17.87	17.96	18.50
		MID	64QAM	17.93	18.10	18.10	18.50
		HIGH	64QAM	17.96	18.30	17.81	18.50
	6	LOW	64QAM	17.93	17.83	17.95	18.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.70	17.77	17.64	18.50
		MID	QPSK	17.82	17.80	17.70	18.50
		HIGH	QPSK	17.85	17.87	17.73	18.50
	8	LOW	QPSK	17.84	17.84	17.99	18.50
		MID	QPSK	17.85	17.81	17.82	18.50
		HIGH	QPSK	17.98	17.87	17.75	18.50
	15	LOW	QPSK	17.76	17.72	17.75	18.50
3	1	LOW	Q16	18.12	18.10	18.04	18.50
		MID	Q16	18.12	17.97	18.06	18.50
		HIGH	Q16	18.27	18.29	17.85	18.50
	8	LOW	Q16	17.98	17.85	17.90	18.50
		MID	Q16	17.83	17.81	17.87	18.50
		HIGH	Q16	17.79	18.10	17.93	18.50
	15	LOW	Q16	17.91	17.79	17.85	18.50
3	1	LOW	64QAM	18.19	18.18	18.11	18.50
		MID	64QAM	17.99	18.09	17.94	18.50
		HIGH	64QAM	18.16	18.13	17.78	18.50
	8	LOW	64QAM	17.98	18.11	18.10	18.50
		MID	64QAM	18.00	17.92	18.05	18.50
		HIGH	64QAM	17.81	18.12	17.86	18.50
	15	LOW	64QAM	17.91	17.71	17.86	18.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.74	17.75	17.69	18.50
		MID	QPSK	17.84	17.80	17.88	18.50
		HIGH	QPSK	17.74	17.60	17.75	18.50
	12	LOW	QPSK	17.93	17.79	18.06	18.50
		MID	QPSK	17.78	17.93	17.77	18.50
		HIGH	QPSK	17.99	17.97	17.91	18.50
	25	LOW	QPSK	17.95	17.83	17.77	18.50
5	1	LOW	Q16	18.08	18.17	18.06	18.50
		MID	Q16	18.12	18.18	17.95	18.50
		HIGH	Q16	18.18	18.05	17.97	18.50
	12	LOW	Q16	17.73	17.94	17.85	18.50
		MID	Q16	17.86	17.97	17.87	18.50
		HIGH	Q16	17.99	18.13	17.89	18.50
	25	LOW	Q16	17.88	18.02	17.78	18.50
5	1	LOW	64QAM	17.95	18.23	17.89	18.50
		MID	64QAM	18.02	18.07	17.98	18.50
		HIGH	64QAM	18.06	18.01	17.77	18.50
	12	LOW	64QAM	17.84	18.02	17.87	18.50
		MID	64QAM	18.14	17.94	17.92	18.50
		HIGH	64QAM	18.03	18.23	17.63	18.50
	25	LOW	64QAM	18.05	17.87	17.83	18.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.77	17.71	18.50
		MID	QPSK	17.73	17.91	17.65	18.50
		HIGH	QPSK	17.72	17.80	17.52	18.50
	25	LOW	QPSK	17.91	17.72	17.88	18.50
		MID	QPSK	17.92	17.84	17.98	18.50
		HIGH	QPSK	17.94	17.88	17.90	18.50
	50	LOW	QPSK	17.94	17.95	18.00	18.50
10	1	LOW	Q16	18.10	18.07	18.04	18.50
		MID	Q16	18.23	18.20	18.09	18.50
		HIGH	Q16	18.16	18.25	17.76	18.50
	25	LOW	Q16	17.87	17.83	18.01	18.50
		MID	Q16	17.91	17.88	17.86	18.50
		HIGH	Q16	17.83	17.92	17.77	18.50
	50	LOW	Q16	17.84	17.84	17.78	18.50
10	1	LOW	64QAM	17.95	18.23	17.93	18.50
		MID	64QAM	17.92	18.18	17.96	18.50
		HIGH	64QAM	18.07	18.15	17.73	18.50
	25	LOW	64QAM	17.86	18.09	18.12	18.50
		MID	64QAM	17.87	17.89	18.05	18.50
		HIGH	64QAM	18.06	18.23	17.81	18.50
	50	LOW	64QAM	18.09	17.87	17.92	18.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.68	17.59	17.83	18.50
		MID	QPSK	17.86	17.80	17.60	18.50
		HIGH	QPSK	17.77	17.74	17.49	18.50
	36	LOW	QPSK	17.80	17.80	17.97	18.50
		MID	QPSK	17.73	17.72	18.00	18.50
		HIGH	QPSK	17.82	17.94	17.88	18.50
	75	LOW	QPSK	17.71	17.79	17.73	18.50
15	1	LOW	Q16	18.06	17.94	17.92	18.50
		MID	Q16	18.05	17.99	17.91	18.50
		HIGH	Q16	18.09	18.14	17.81	18.50
	36	LOW	Q16	17.91	17.83	17.96	18.50
		MID	Q16	17.93	17.77	17.75	18.50
		HIGH	Q16	17.85	18.13	17.89	18.50
	75	LOW	Q16	18.09	17.90	17.83	18.50
15	1	LOW	64QAM	18.13	18.07	18.11	18.50
		MID	64QAM	17.97	18.02	17.74	18.50
		HIGH	64QAM	18.06	18.08	17.84	18.50
	36	LOW	64QAM	17.79	18.00	17.98	18.50
		MID	64QAM	17.87	17.94	18.07	18.50
		HIGH	64QAM	17.92	18.18	17.88	18.50
	75	LOW	64QAM	17.96	17.67	17.74	18.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.59	17.57	17.58	18.50
		MID	QPSK	17.62	**17.64**	17.59	18.50
		HIGH	QPSK	17.61	17.58	17.48	18.50
	50	LOW	QPSK	17.64	17.71	17.77	18.50
		MID	QPSK	17.72	17.66	17.73	18.50
		HIGH	QPSK	17.74	**17.79**	17.75	18.50
	100	LOW	QPSK	17.70	17.68	**17.71**	18.50
20	1	LOW	Q16	17.99	17.92	17.88	18.50
		MID	Q16	17.94	17.93	17.84	18.50
		HIGH	Q16	18.03	18.07	17.72	18.50
	50	LOW	Q16	17.69	17.74	17.72	18.50
		MID	Q16	17.75	17.75	17.71	18.50
		HIGH	Q16	17.79	17.88	17.73	18.50
	100	LOW	Q16	17.80	17.75	17.72	18.50
20	1	LOW	64QAM	17.95	17.96	17.89	18.50
		MID	64QAM	17.84	17.89	17.74	18.50
		HIGH	64QAM	17.91	17.95	17.62	18.50
	50	LOW	64QAM	17.71	17.87	17.83	18.50
		MID	64QAM	17.87	17.81	17.83	18.50
		HIGH	64QAM	17.81	18.03	17.61	18.50
	100	LOW	64QAM	17.87	17.65	17.68	18.50

LTE B2-State 12 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.63	15.62	15.64	16.00
		MID	QPSK	15.42	15.57	15.70	16.00
		HIGH	QPSK	15.57	15.47	15.55	16.00
	3	LOW	QPSK	15.57	15.68	15.64	16.00
		MID	QPSK	15.51	15.39	15.58	16.00
		HIGH	QPSK	15.52	15.34	15.44	16.00
	6	LOW	QPSK	15.43	15.40	15.36	16.00
1.4	1	LOW	Q16	15.52	15.59	15.44	16.00
		MID	Q16	15.46	15.52	15.38	16.00
		HIGH	Q16	15.41	15.42	15.13	16.00
	3	LOW	Q16	15.41	15.48	15.44	16.00
		MID	Q16	15.50	15.27	15.33	16.00
		HIGH	Q16	15.35	15.29	15.24	16.00
	6	LOW	Q16	15.33	15.36	15.31	16.00
1.4	1	LOW	64QAM	15.34	15.60	15.13	16.00
		MID	64QAM	15.30	15.45	15.50	16.00
		HIGH	64QAM	15.18	15.57	15.06	16.00
	3	LOW	64QAM	15.23	15.52	15.44	16.00
		MID	64QAM	15.34	15.43	15.35	16.00
		HIGH	64QAM	15.44	15.44	15.52	16.00
	6	LOW	64QAM	15.61	15.60	15.46	16.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.55	15.48	15.50	16.00
		MID	QPSK	15.39	15.57	15.63	16.00
		HIGH	QPSK	15.37	15.47	15.48	16.00
	8	LOW	QPSK	15.50	15.71	15.59	16.00
		MID	QPSK	15.59	15.43	15.55	16.00
		HIGH	QPSK	15.43	15.49	15.52	16.00
	15	LOW	QPSK	15.45	15.34	15.37	16.00
3	1	LOW	Q16	15.40	15.62	15.47	16.00
		MID	Q16	15.25	15.63	15.40	16.00
		HIGH	Q16	15.28	15.37	15.19	16.00
	8	LOW	Q16	15.25	15.34	15.41	16.00
		MID	Q16	15.50	15.31	15.55	16.00
		HIGH	Q16	15.24	15.34	15.28	16.00
	15	LOW	Q16	15.52	15.46	15.43	16.00
3	1	LOW	64QAM	15.56	15.68	15.14	16.00
		MID	64QAM	15.21	15.34	15.29	16.00
		HIGH	64QAM	15.23	15.56	15.16	16.00
	8	LOW	64QAM	15.17	15.48	15.55	16.00
		MID	64QAM	15.37	15.34	15.42	16.00
		HIGH	64QAM	15.32	15.40	15.35	16.00
	15	LOW	64QAM	15.61	15.60	15.29	16.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.66	15.48	15.69	16.00
		MID	QPSK	15.56	15.45	15.67	16.00
		HIGH	QPSK	15.40	15.49	15.52	16.00
	12	LOW	QPSK	15.47	15.49	15.44	16.00
		MID	QPSK	15.43	15.47	15.58	16.00
		HIGH	QPSK	15.49	15.42	15.33	16.00
	25	LOW	QPSK	15.31	15.29	15.30	16.00
5	1	LOW	Q16	15.35	15.67	15.35	16.00
		MID	Q16	15.26	15.60	15.41	16.00
		HIGH	Q16	15.22	15.56	15.24	16.00
	12	LOW	Q16	15.36	15.32	15.38	16.00
		MID	Q16	15.28	15.40	15.47	16.00
		HIGH	Q16	15.43	15.49	15.28	16.00
	25	LOW	Q16	15.44	15.42	15.44	16.00
5	1	LOW	64QAM	15.37	15.46	15.34	16.00
		MID	64QAM	15.25	15.41	15.50	16.00
		HIGH	64QAM	15.14	15.54	15.09	16.00
	12	LOW	64QAM	15.28	15.33	15.44	16.00
		MID	64QAM	15.25	15.46	15.42	16.00
		HIGH	64QAM	15.35	15.30	15.41	16.00
	25	LOW	64QAM	15.53	15.55	15.31	16.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.66	15.56	15.49	16.00
		MID	QPSK	15.37	15.46	15.68	16.00
		HIGH	QPSK	15.47	15.60	15.47	16.00
	25	LOW	QPSK	15.42	15.65	15.62	16.00
		MID	QPSK	15.62	15.58	15.42	16.00
		HIGH	QPSK	15.46	15.49	15.48	16.00
	50	LOW	QPSK	15.28	15.45	15.48	16.00
10	1	LOW	Q16	15.46	15.71	15.49	16.00
		MID	Q16	15.37	15.55	15.38	16.00
		HIGH	Q16	15.24	15.38	15.13	16.00
	25	LOW	Q16	15.45	15.46	15.41	16.00
		MID	Q16	15.34	15.39	15.49	16.00
		HIGH	Q16	15.35	15.32	15.33	16.00
	50	LOW	Q16	15.44	15.27	15.43	16.00
10	1	LOW	64QAM	15.50	15.69	15.31	16.00
		MID	64QAM	15.39	15.34	15.32	16.00
		HIGH	64QAM	15.20	15.37	15.00	16.00
	25	LOW	64QAM	15.05	15.38	15.56	16.00
		MID	64QAM	15.31	15.29	15.39	16.00
		HIGH	64QAM	15.35	15.45	15.35	16.00
	50	LOW	64QAM	15.42	15.35	15.32	16.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.62	15.57	15.55	16.00
		MID	QPSK	15.55	15.59	15.67	16.00
		HIGH	QPSK	15.32	15.52	15.47	16.00
	36	LOW	QPSK	15.62	15.65	15.48	16.00
		MID	QPSK	15.40	15.43	15.51	16.00
		HIGH	QPSK	15.57	15.35	15.56	16.00
	75	LOW	QPSK	15.40	15.38	15.47	16.00
15	1	LOW	Q16	15.47	15.56	15.57	16.00
		MID	Q16	15.43	15.58	15.33	16.00
		HIGH	Q16	15.28	15.51	15.13	16.00
	36	LOW	Q16	15.36	15.29	15.30	16.00
		MID	Q16	15.25	15.50	15.44	16.00
		HIGH	Q16	15.30	15.54	15.24	16.00
	75	LOW	Q16	15.38	15.47	15.52	16.00
15	1	LOW	64QAM	15.36	15.57	15.25	16.00
		MID	64QAM	15.19	15.47	15.35	16.00
		HIGH	64QAM	15.12	15.42	15.03	16.00
	36	LOW	64QAM	15.26	15.52	15.35	16.00
		MID	64QAM	15.26	15.43	15.44	16.00
		HIGH	64QAM	15.55	15.30	15.42	16.00
	75	LOW	64QAM	15.64	15.58	15.41	16.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.55	**15.65**	15.58	16.00
		MID	QPSK	15.53	15.60	15.48	16.00
		HIGH	QPSK	15.54	15.44	15.45	16.00
	50	LOW	QPSK	15.54	**15.63**	15.48	16.00
		MID	QPSK	15.57	15.56	15.55	16.00
		HIGH	QPSK	15.52	15.55	15.53	16.00
	100	LOW	QPSK	15.34	**15.40**	15.25	16.00
20	1	LOW	Q16	15.49	15.65	15.49	16.00
		MID	Q16	15.40	15.46	15.44	16.00
		HIGH	Q16	15.28	15.46	15.28	16.00
	50	LOW	Q16	15.27	15.37	15.35	16.00
		MID	Q16	15.27	15.30	15.41	16.00
		HIGH	Q16	15.24	15.35	15.27	16.00
	100	LOW	Q16	15.44	15.32	15.37	16.00
20	1	LOW	64QAM	15.36	15.52	15.20	16.00
		MID	64QAM	15.21	15.27	15.38	16.00
		HIGH	64QAM	15.09	15.52	14.97	16.00
	50	LOW	64QAM	15.25	15.39	15.38	16.00
		MID	64QAM	15.31	15.49	15.49	16.00
		HIGH	64QAM	15.55	15.45	15.32	16.00
	100	LOW	64QAM	15.64	15.36	15.32	16.00

LTE B2-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.38	13.37	13.48	14.00
		MID	QPSK	13.47	13.49	13.37	14.00
		HIGH	QPSK	13.43	13.59	13.42	14.00
	3	LOW	QPSK	13.50	13.54	13.52	14.00
		MID	QPSK	13.56	13.44	13.62	14.00
		HIGH	QPSK	13.60	13.64	13.50	14.00
	6	LOW	QPSK	13.70	13.59	13.54	14.00
1.4	1	LOW	Q16	13.55	13.71	13.73	14.00
		MID	Q16	13.49	13.63	13.79	14.00
		HIGH	Q16	13.57	13.78	13.63	14.00
	3	LOW	Q16	13.39	13.48	13.65	14.00
		MID	Q16	13.61	13.54	13.54	14.00
		HIGH	Q16	13.63	13.72	13.71	14.00
	6	LOW	Q16	13.71	13.62	13.54	14.00
1.4	1	LOW	64QAM	13.76	13.84	13.69	14.00
		MID	64QAM	13.82	13.76	13.74	14.00
		HIGH	64QAM	13.81	13.94	13.70	14.00
	3	LOW	64QAM	13.43	13.68	13.73	14.00
		MID	64QAM	13.76	13.66	13.49	14.00
		HIGH	64QAM	13.73	13.49	13.67	14.00
	6	LOW	64QAM	13.63	13.44	13.55	14.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	13.49	13.44	13.44	14.00
		MID	QPSK	13.47	13.39	13.49	14.00
		HIGH	QPSK	13.55	13.62	13.24	14.00
	8	LOW	QPSK	13.53	13.49	13.60	14.00
		MID	QPSK	13.72	13.51	13.62	14.00
		HIGH	QPSK	13.57	13.71	13.70	14.00
	15	LOW	QPSK	13.64	13.60	13.42	14.00
3	1	LOW	Q16	13.68	13.72	13.66	14.00
		MID	Q16	13.60	13.60	13.77	14.00
		HIGH	Q16	13.75	13.77	13.73	14.00
	8	LOW	Q16	13.58	13.65	13.62	14.00
		MID	Q16	13.64	13.48	13.59	14.00
		HIGH	Q16	13.71	13.57	13.60	14.00
	15	LOW	Q16	13.56	13.47	13.63	14.00
3	1	LOW	64QAM	13.66	13.87	13.69	14.00
		MID	64QAM	13.97	13.68	13.85	14.00
		HIGH	64QAM	13.76	13.92	13.64	14.00
	8	LOW	64QAM	13.50	13.48	13.68	14.00
		MID	64QAM	13.57	13.62	13.45	14.00
		HIGH	64QAM	13.73	13.45	13.77	14.00
	15	LOW	64QAM	13.71	13.38	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	13.42	13.46	13.46	14.00
		MID	QPSK	13.42	13.41	13.59	14.00
		HIGH	QPSK	13.48	13.47	13.23	14.00
	12	LOW	QPSK	13.48	13.53	13.56	14.00
		MID	QPSK	13.69	13.56	13.58	14.00
		HIGH	QPSK	13.76	13.77	13.66	14.00
	25	LOW	QPSK	13.52	13.60	13.53	14.00
5	1	LOW	Q16	13.61	13.62	13.69	14.00
		MID	Q16	13.64	13.59	13.61	14.00
		HIGH	Q16	13.57	13.79	13.54	14.00
	12	LOW	Q16	13.50	13.55	13.54	14.00
		MID	Q16	13.60	13.64	13.63	14.00
		HIGH	Q16	13.74	13.71	13.67	14.00
	25	LOW	Q16	13.74	13.46	13.51	14.00
5	1	LOW	64QAM	13.77	13.82	13.79	14.00
		MID	64QAM	13.81	13.68	13.78	14.00
		HIGH	64QAM	13.65	13.75	13.67	14.00
	12	LOW	64QAM	13.51	13.54	13.72	14.00
		MID	64QAM	13.58	13.64	13.61	14.00
		HIGH	64QAM	13.77	13.48	13.55	14.00
	25	LOW	64QAM	13.61	13.37	13.62	14.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	13.48	13.45	13.53	14.00
		MID	QPSK	13.40	13.45	13.40	14.00
		HIGH	QPSK	13.56	13.63	13.42	14.00
	25	LOW	QPSK	13.49	13.63	13.56	14.00
		MID	QPSK	13.56	13.60	13.57	14.00
		HIGH	QPSK	13.54	13.67	13.64	14.00
	50	LOW	QPSK	13.70	13.50	13.54	14.00
10	1	LOW	Q16	13.57	13.66	13.66	14.00
		MID	Q16	13.65	13.61	13.80	14.00
		HIGH	Q16	13.77	13.77	13.65	14.00
	25	LOW	Q16	13.54	13.59	13.61	14.00
		MID	Q16	13.62	13.54	13.67	14.00
		HIGH	Q16	13.64	13.53	13.56	14.00
	50	LOW	Q16	13.72	13.44	13.69	14.00
10	1	LOW	64QAM	13.81	13.92	13.73	14.00
		MID	64QAM	13.82	13.68	13.87	14.00
		HIGH	64QAM	13.74	13.92	13.82	14.00
	25	LOW	64QAM	13.50	13.58	13.69	14.00
		MID	64QAM	13.71	13.48	13.49	14.00
		HIGH	64QAM	13.83	13.52	13.57	14.00
	50	LOW	64QAM	13.75	13.40	13.69	14.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	13.40	13.54	13.48	14.00
		MID	QPSK	13.55	13.55	13.56	14.00
		HIGH	QPSK	13.60	13.53	13.29	14.00
	36	LOW	QPSK	13.53	13.59	13.66	14.00
		MID	QPSK	13.61	13.60	13.51	14.00
		HIGH	QPSK	13.64	13.73	13.62	14.00
	75	LOW	QPSK	13.68	13.55	13.54	14.00
15	1	LOW	Q16	13.71	13.63	13.77	14.00
		MID	Q16	13.69	13.53	13.76	14.00
		HIGH	Q16	13.67	13.74	13.51	14.00
	36	LOW	Q16	13.47	13.67	13.61	14.00
		MID	Q16	13.65	13.58	13.64	14.00
		HIGH	Q16	13.68	13.75	13.57	14.00
	75	LOW	Q16	13.71	13.58	13.47	14.00
15	1	LOW	64QAM	13.63	13.97	13.83	14.00
		MID	64QAM	13.93	13.64	13.85	14.00
		HIGH	64QAM	13.81	13.88	13.76	14.00
	36	LOW	64QAM	13.50	13.63	13.65	14.00
		MID	64QAM	13.68	13.66	13.56	14.00
		HIGH	64QAM	13.63	13.60	13.61	14.00
	75	LOW	64QAM	13.72	13.30	13.59	14.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	13.33	13.29	13.33	14.00
		MID	QPSK	13.31	13.34	13.32	14.00
		HIGH	QPSK	13.35	**13.42**	13.17	14.00
	50	LOW	QPSK	13.37	13.38	13.41	14.00
		MID	QPSK	13.48	13.39	13.46	14.00
		HIGH	QPSK	13.49	**13.52**	13.45	14.00
	100	LOW	QPSK	**13.43**	13.39	13.37	14.00
20	1	LOW	Q16	13.44	13.51	13.57	14.00
		MID	Q16	13.44	13.48	13.56	14.00
		HIGH	Q16	13.52	13.54	13.46	14.00
	50	LOW	Q16	13.34	13.40	13.41	14.00
		MID	Q16	13.45	13.41	13.43	14.00
		HIGH	Q16	13.51	13.48	13.48	14.00
	100	LOW	Q16	13.47	13.39	13.42	14.00
20	1	LOW	64QAM	13.57	13.78	13.64	14.00
		MID	64QAM	13.72	13.56	13.70	14.00
		HIGH	64QAM	13.57	13.67	13.55	14.00
	50	LOW	64QAM	13.34	13.43	13.48	14.00
		MID	64QAM	13.52	13.43	13.37	14.00
		HIGH	64QAM	13.58	13.37	13.50	14.00
	100	LOW	64QAM	13.48	13.25	13.50	14.00

LTE B2-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	11.50	11.67	11.58	12.00
		MID	QPSK	11.54	11.64	11.64	12.00
		HIGH	QPSK	11.41	11.63	11.42	12.00
	3	LOW	QPSK	11.51	11.69	11.61	12.00
		MID	QPSK	11.59	11.47	11.43	12.00
		HIGH	QPSK	11.48	11.42	11.53	12.00
	6	LOW	QPSK	11.42	11.34	11.41	12.00
1.4	1	LOW	Q16	11.50	11.71	11.44	12.00
		MID	Q16	11.31	11.54	11.25	12.00
		HIGH	Q16	11.38	11.57	11.36	12.00
	3	LOW	Q16	11.33	11.37	11.49	12.00
		MID	Q16	11.44	11.35	11.40	12.00
		HIGH	Q16	11.30	11.35	11.42	12.00
	6	LOW	Q16	11.40	11.35	11.36	12.00
1.4	1	LOW	64QAM	11.38	11.53	11.30	12.00
		MID	64QAM	11.31	11.34	11.36	12.00
		HIGH	64QAM	11.27	11.46	11.05	12.00
	3	LOW	64QAM	11.09	11.45	11.51	12.00
		MID	64QAM	11.32	11.38	11.53	12.00
		HIGH	64QAM	11.45	11.48	11.34	12.00
	6	LOW	64QAM	11.62	11.49	11.51	12.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	11.51	11.56	11.56	12.00
		MID	QPSK	11.41	11.68	11.62	12.00
		HIGH	QPSK	11.49	11.60	11.48	12.00
	8	LOW	QPSK	11.54	11.63	11.58	12.00
		MID	QPSK	11.53	11.53	11.59	12.00
		HIGH	QPSK	11.36	11.39	11.44	12.00
	15	LOW	QPSK	11.36	11.38	11.47	12.00
3	1	LOW	Q16	11.42	11.55	11.49	12.00
		MID	Q16	11.32	11.53	11.37	12.00
		HIGH	Q16	11.31	11.54	11.22	12.00
	8	LOW	Q16	11.44	11.36	11.45	12.00
		MID	Q16	11.29	11.48	11.36	12.00
		HIGH	Q16	11.38	11.49	11.31	12.00
	15	LOW	Q16	11.53	11.44	11.40	12.00
3	1	LOW	64QAM	11.46	11.68	11.16	12.00
		MID	64QAM	11.37	11.41	11.33	12.00
		HIGH	64QAM	11.23	11.42	11.00	12.00
	8	LOW	64QAM	11.08	11.43	11.37	12.00
		MID	64QAM	11.46	11.36	11.46	12.00
		HIGH	64QAM	11.48	11.31	11.41	12.00
	15	LOW	64QAM	11.46	11.40	11.52	12.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	11.54	11.62	11.58	12.00
		MID	QPSK	11.45	11.62	11.55	12.00
		HIGH	QPSK	11.49	11.52	11.42	12.00
	12	LOW	QPSK	11.64	11.56	11.56	12.00
		MID	QPSK	11.60	11.45	11.51	12.00
		HIGH	QPSK	11.41	11.57	11.53	12.00
	25	LOW	QPSK	11.43	11.38	11.34	12.00
5	1	LOW	Q16	11.51	11.65	11.51	12.00
		MID	Q16	11.43	11.57	11.39	12.00
		HIGH	Q16	11.31	11.53	11.21	12.00
	12	LOW	Q16	11.26	11.41	11.35	12.00
		MID	Q16	11.40	11.31	11.50	12.00
		HIGH	Q16	11.35	11.35	11.34	12.00
	25	LOW	Q16	11.46	11.37	11.52	12.00
5	1	LOW	64QAM	11.53	11.54	11.17	12.00
		MID	64QAM	11.36	11.44	11.41	12.00
		HIGH	64QAM	11.29	11.48	11.05	12.00
	12	LOW	64QAM	11.24	11.40	11.42	12.00
		MID	64QAM	11.27	11.40	11.53	12.00
		HIGH	64QAM	11.52	11.35	11.49	12.00
	25	LOW	64QAM	11.55	11.43	11.49	12.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	11.66	11.58	11.66	12.00
		MID	QPSK	11.50	11.59	11.63	12.00
		HIGH	QPSK	11.38	11.55	11.42	12.00
	25	LOW	QPSK	11.65	11.68	11.61	12.00
		MID	QPSK	11.59	11.45	11.47	12.00
		HIGH	QPSK	11.49	11.45	11.47	12.00
	50	LOW	QPSK	11.35	11.35	11.36	12.00
10	1	LOW	Q16	11.57	11.59	11.38	12.00
		MID	Q16	11.42	11.60	11.31	12.00
		HIGH	Q16	11.25	11.55	11.30	12.00
	25	LOW	Q16	11.32	11.49	11.35	12.00
		MID	Q16	11.48	11.45	11.39	12.00
		HIGH	Q16	11.42	11.36	11.44	12.00
	50	LOW	Q16	11.38	11.50	11.38	12.00
10	1	LOW	64QAM	11.40	11.50	11.19	12.00
		MID	64QAM	11.24	11.32	11.45	12.00
		HIGH	64QAM	11.15	11.48	11.13	12.00
	25	LOW	64QAM	11.26	11.43	11.48	12.00
		MID	64QAM	11.38	11.39	11.47	12.00
		HIGH	64QAM	11.37	11.32	11.39	12.00
	50	LOW	64QAM	11.53	11.42	11.43	12.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	11.47	11.67	11.61	12.00
		MID	QPSK	11.59	11.53	11.67	12.00
		HIGH	QPSK	11.52	11.55	11.47	12.00
	36	LOW	QPSK	11.60	11.60	11.50	12.00
		MID	QPSK	11.52	11.52	11.48	12.00
		HIGH	QPSK	11.51	11.45	11.55	12.00
	75	LOW	QPSK	11.43	11.31	11.47	12.00
15	1	LOW	Q16	11.54	11.62	11.36	12.00
		MID	Q16	11.30	11.50	11.36	12.00
		HIGH	Q16	11.28	11.59	11.33	12.00
	36	LOW	Q16	11.28	11.51	11.47	12.00
		MID	Q16	11.40	11.36	11.48	12.00
		HIGH	Q16	11.38	11.46	11.30	12.00
	75	LOW	Q16	11.53	11.37	11.40	12.00
15	1	LOW	64QAM	11.45	11.68	11.22	12.00
		MID	64QAM	11.33	11.41	11.34	12.00
		HIGH	64QAM	11.11	11.56	11.08	12.00
	36	LOW	64QAM	11.22	11.49	11.37	12.00
		MID	64QAM	11.42	11.46	11.45	12.00
		HIGH	64QAM	11.46	11.41	11.42	12.00
	75	LOW	64QAM	11.54	11.45	11.36	12.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	11.50	**11.55**	11.52	12.00
		MID	QPSK	11.45	11.43	11.54	12.00
		HIGH	QPSK	11.46	11.48	11.48	12.00
	50	LOW	QPSK	11.58	11.53	11.43	12.00
		MID	QPSK	11.48	11.57	11.55	12.00
		HIGH	QPSK	11.50	**11.59**	11.43	12.00
	100	LOW	QPSK	**11.42**	11.41	11.33	12.00
20	1	LOW	Q16	11.44	11.53	11.39	12.00
		MID	Q16	11.38	11.59	11.36	12.00
		HIGH	Q16	11.39	11.45	11.18	12.00
	50	LOW	Q16	11.36	11.45	11.36	12.00
		MID	Q16	11.31	11.43	11.38	12.00
		HIGH	Q16	11.44	11.35	11.36	12.00
	100	LOW	Q16	11.45	11.47	11.47	12.00
20	1	LOW	64QAM	11.49	11.56	11.19	12.00
		MID	64QAM	11.41	11.32	11.38	12.00
		HIGH	64QAM	11.14	11.48	11.11	12.00
	50	LOW	64QAM	11.09	11.56	11.55	12.00
		MID	64QAM	11.38	11.39	11.52	12.00
		HIGH	64QAM	11.49	11.42	11.45	12.00
	100	LOW	64QAM	11.56	11.40	11.37	12.00

LTE B2-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.38	13.37	13.48	14.00
		MID	QPSK	13.47	13.49	13.37	14.00
		HIGH	QPSK	13.43	13.59	13.42	14.00
	3	LOW	QPSK	13.50	13.54	13.52	14.00
		MID	QPSK	13.56	13.44	13.62	14.00
		HIGH	QPSK	13.60	13.64	13.50	14.00
	6	LOW	QPSK	13.70	13.59	13.54	14.00
1.4	1	LOW	Q16	13.55	13.71	13.73	14.00
		MID	Q16	13.49	13.63	13.79	14.00
		HIGH	Q16	13.57	13.78	13.63	14.00
	3	LOW	Q16	13.39	13.48	13.65	14.00
		MID	Q16	13.61	13.54	13.54	14.00
		HIGH	Q16	13.63	13.72	13.71	14.00
	6	LOW	Q16	13.71	13.62	13.54	14.00
1.4	1	LOW	64QAM	13.76	13.84	13.69	14.00
		MID	64QAM	13.82	13.76	13.74	14.00
		HIGH	64QAM	13.81	13.94	13.70	14.00
	3	LOW	64QAM	13.43	13.68	13.73	14.00
		MID	64QAM	13.76	13.66	13.49	14.00
		HIGH	64QAM	13.73	13.49	13.67	14.00
	6	LOW	64QAM	13.63	13.44	13.55	14.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	13.49	13.44	13.44	14.00
		MID	QPSK	13.47	13.39	13.49	14.00
		HIGH	QPSK	13.55	13.62	13.24	14.00
	8	LOW	QPSK	13.53	13.49	13.60	14.00
		MID	QPSK	13.72	13.51	13.62	14.00
		HIGH	QPSK	13.57	13.71	13.70	14.00
	15	LOW	QPSK	13.64	13.60	13.42	14.00
3	1	LOW	Q16	13.68	13.72	13.66	14.00
		MID	Q16	13.60	13.60	13.77	14.00
		HIGH	Q16	13.75	13.77	13.73	14.00
	8	LOW	Q16	13.58	13.65	13.62	14.00
		MID	Q16	13.64	13.48	13.59	14.00
		HIGH	Q16	13.71	13.57	13.60	14.00
	15	LOW	Q16	13.56	13.47	13.63	14.00
3	1	LOW	64QAM	13.66	13.87	13.69	14.00
		MID	64QAM	13.97	13.68	13.85	14.00
		HIGH	64QAM	13.76	13.92	13.64	14.00
	8	LOW	64QAM	13.50	13.48	13.68	14.00
		MID	64QAM	13.57	13.62	13.45	14.00
		HIGH	64QAM	13.73	13.45	13.77	14.00
	15	LOW	64QAM	13.71	13.38	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	13.42	13.46	13.46	14.00
		MID	QPSK	13.42	13.41	13.59	14.00
		HIGH	QPSK	13.48	13.47	13.23	14.00
	12	LOW	QPSK	13.48	13.53	13.56	14.00
		MID	QPSK	13.69	13.56	13.58	14.00
		HIGH	QPSK	13.76	13.77	13.66	14.00
	25	LOW	QPSK	13.52	13.60	13.53	14.00
5	1	LOW	Q16	13.61	13.62	13.69	14.00
		MID	Q16	13.64	13.59	13.61	14.00
		HIGH	Q16	13.57	13.79	13.54	14.00
	12	LOW	Q16	13.50	13.55	13.54	14.00
		MID	Q16	13.60	13.64	13.63	14.00
		HIGH	Q16	13.74	13.71	13.67	14.00
	25	LOW	Q16	13.74	13.46	13.51	14.00
5	1	LOW	64QAM	13.77	13.82	13.79	14.00
		MID	64QAM	13.81	13.68	13.78	14.00
		HIGH	64QAM	13.65	13.75	13.67	14.00
	12	LOW	64QAM	13.51	13.54	13.72	14.00
		MID	64QAM	13.58	13.64	13.61	14.00
		HIGH	64QAM	13.77	13.48	13.55	14.00
	25	LOW	64QAM	13.61	13.37	13.62	14.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	13.48	13.45	13.53	14.00
		MID	QPSK	13.40	13.45	13.40	14.00
		HIGH	QPSK	13.56	13.63	13.42	14.00
	25	LOW	QPSK	13.49	13.63	13.56	14.00
		MID	QPSK	13.56	13.60	13.57	14.00
		HIGH	QPSK	13.54	13.67	13.64	14.00
	50	LOW	QPSK	13.70	13.50	13.54	14.00
10	1	LOW	Q16	13.57	13.66	13.66	14.00
		MID	Q16	13.65	13.61	13.80	14.00
		HIGH	Q16	13.77	13.77	13.65	14.00
	25	LOW	Q16	13.54	13.59	13.61	14.00
		MID	Q16	13.62	13.54	13.67	14.00
		HIGH	Q16	13.64	13.53	13.56	14.00
	50	LOW	Q16	13.72	13.44	13.69	14.00
10	1	LOW	64QAM	13.81	13.92	13.73	14.00
		MID	64QAM	13.82	13.68	13.87	14.00
		HIGH	64QAM	13.74	13.92	13.82	14.00
	25	LOW	64QAM	13.50	13.58	13.69	14.00
		MID	64QAM	13.71	13.48	13.49	14.00
		HIGH	64QAM	13.83	13.52	13.57	14.00
	50	LOW	64QAM	13.75	13.40	13.69	14.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	13.40	13.54	13.48	14.00
		MID	QPSK	13.55	13.55	13.56	14.00
		HIGH	QPSK	13.60	13.53	13.29	14.00
	36	LOW	QPSK	13.53	13.59	13.66	14.00
		MID	QPSK	13.61	13.60	13.51	14.00
		HIGH	QPSK	13.64	13.73	13.62	14.00
	75	LOW	QPSK	13.68	13.55	13.54	14.00
15	1	LOW	Q16	13.71	13.63	13.77	14.00
		MID	Q16	13.69	13.53	13.76	14.00
		HIGH	Q16	13.67	13.74	13.51	14.00
	36	LOW	Q16	13.47	13.67	13.61	14.00
		MID	Q16	13.65	13.58	13.64	14.00
		HIGH	Q16	13.68	13.75	13.57	14.00
	75	LOW	Q16	13.71	13.58	13.47	14.00
15	1	LOW	64QAM	13.63	13.97	13.83	14.00
		MID	64QAM	13.93	13.64	13.85	14.00
		HIGH	64QAM	13.81	13.88	13.76	14.00
	36	LOW	64QAM	13.50	13.63	13.65	14.00
		MID	64QAM	13.68	13.66	13.56	14.00
		HIGH	64QAM	13.63	13.60	13.61	14.00
	75	LOW	64QAM	13.72	13.30	13.59	14.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	13.33	13.29	13.33	14.00
		MID	QPSK	13.31	13.34	13.32	14.00
		HIGH	QPSK	13.35	**13.42**	13.17	14.00
	50	LOW	QPSK	13.37	13.38	13.41	14.00
		MID	QPSK	13.48	13.39	13.46	14.00
		HIGH	QPSK	13.49	**13.52**	13.45	14.00
	100	LOW	QPSK	**13.43**	13.39	13.37	14.00
20	1	LOW	Q16	13.44	13.51	13.57	14.00
		MID	Q16	13.44	13.48	13.56	14.00
		HIGH	Q16	13.52	13.54	13.46	14.00
	50	LOW	Q16	13.34	13.40	13.41	14.00
		MID	Q16	13.45	13.41	13.43	14.00
		HIGH	Q16	13.51	13.48	13.48	14.00
	100	LOW	Q16	13.47	13.39	13.42	14.00
20	1	LOW	64QAM	13.57	13.78	13.64	14.00
		MID	64QAM	13.72	13.56	13.70	14.00
		HIGH	64QAM	13.57	13.67	13.55	14.00
	50	LOW	64QAM	13.34	13.43	13.48	14.00
		MID	64QAM	13.52	13.43	13.37	14.00
		HIGH	64QAM	13.58	13.37	13.50	14.00
	100	LOW	64QAM	13.48	13.25	13.50	14.00

LTE B2-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.68	18.91	18.75	20.00
		MID	QPSK	18.77	18.83	18.66	20.00
		HIGH	QPSK	18.48	18.85	18.70	20.00
	3	LOW	QPSK	18.95	18.89	18.75	20.00
		MID	QPSK	18.78	18.79	18.95	20.00
		HIGH	QPSK	18.74	18.97	18.77	20.00
	6	LOW	QPSK	18.82	18.90	18.77	20.00
1.4	1	LOW	Q16	19.08	19.05	18.88	20.00
		MID	Q16	18.84	19.04	18.73	20.00
		HIGH	Q16	18.78	19.02	18.63	20.00
	3	LOW	Q16	18.98	19.02	18.90	20.00
		MID	Q16	18.71	18.75	19.01	20.00
		HIGH	Q16	18.76	19.04	18.95	20.00
	6	LOW	Q16	18.76	18.86	19.05	20.00
1.4	1	LOW	64QAM	19.02	19.11	18.59	20.00
		MID	64QAM	18.94	18.91	18.92	20.00
		HIGH	64QAM	18.75	18.94	18.65	20.00
	3	LOW	64QAM	18.72	19.02	18.79	20.00
		MID	64QAM	18.99	18.88	18.76	20.00
		HIGH	64QAM	18.93	18.71	18.95	20.00
	6	LOW	64QAM	18.85	18.87	18.87	20.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.70	18.80	18.68	20.00
		MID	QPSK	18.58	18.74	18.64	20.00
		HIGH	QPSK	18.58	18.72	18.55	20.00
	8	LOW	QPSK	18.95	18.83	18.78	20.00
		MID	QPSK	18.80	18.88	18.87	20.00
		HIGH	QPSK	18.89	18.80	18.86	20.00
	15	LOW	QPSK	18.80	18.84	18.96	20.00
3	1	LOW	Q16	18.81	19.21	18.90	20.00
		MID	Q16	18.94	19.14	18.67	20.00
		HIGH	Q16	18.71	19.12	18.67	20.00
	8	LOW	Q16	18.70	18.85	18.88	20.00
		MID	Q16	18.73	18.86	18.84	20.00
		HIGH	Q16	19.00	19.04	18.98	20.00
	15	LOW	Q16	18.82	18.75	18.75	20.00
3	1	LOW	64QAM	19.04	19.11	18.72	20.00
		MID	64QAM	18.73	18.76	18.85	20.00
		HIGH	64QAM	18.58	18.93	18.50	20.00
	8	LOW	64QAM	18.68	18.79	18.91	20.00
		MID	64QAM	18.98	18.75	18.80	20.00
		HIGH	64QAM	18.88	18.88	18.86	20.00
	15	LOW	64QAM	18.85	19.02	18.75	20.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.79	18.80	18.85	20.00
		MID	QPSK	18.80	18.78	18.77	20.00
		HIGH	QPSK	18.67	18.82	18.49	20.00
	12	LOW	QPSK	18.72	18.83	18.77	20.00
		MID	QPSK	18.86	18.88	18.97	20.00
		HIGH	QPSK	18.85	18.80	18.77	20.00
	25	LOW	QPSK	18.93	18.73	18.98	20.00
5	1	LOW	Q16	19.00	19.09	19.05	20.00
		MID	Q16	18.81	19.16	18.82	20.00
		HIGH	Q16	18.84	19.12	18.76	20.00
	12	LOW	Q16	18.68	19.02	19.02	20.00
		MID	Q16	18.96	18.79	18.99	20.00
		HIGH	Q16	18.72	18.75	18.95	20.00
	25	LOW	Q16	18.97	18.92	19.05	20.00
5	1	LOW	64QAM	18.77	19.19	18.84	20.00
		MID	64QAM	18.94	18.68	18.86	20.00
		HIGH	64QAM	18.73	18.91	18.70	20.00
	12	LOW	64QAM	18.70	19.02	18.98	20.00
		MID	64QAM	18.79	19.00	18.82	20.00
		HIGH	64QAM	18.88	18.96	19.05	20.00
	25	LOW	64QAM	19.10	19.06	19.04	20.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	18.81	18.73	20.00
		MID	QPSK	18.60	18.66	18.83	20.00
		HIGH	QPSK	18.71	18.80	18.49	20.00
	25	LOW	QPSK	18.97	18.82	18.92	20.00
		MID	QPSK	18.95	18.96	18.91	20.00
		HIGH	QPSK	18.72	18.87	18.75	20.00
	50	LOW	QPSK	18.78	18.69	18.77	20.00
10	1	LOW	Q16	19.04	18.96	18.95	20.00
		MID	Q16	18.94	18.99	18.80	20.00
		HIGH	Q16	18.80	18.93	18.59	20.00
	25	LOW	Q16	18.78	18.79	18.96	20.00
		MID	Q16	18.84	18.81	19.05	20.00
		HIGH	Q16	18.78	19.02	18.91	20.00
	50	LOW	Q16	19.05	18.94	18.75	20.00
10	1	LOW	64QAM	18.90	19.21	18.76	20.00
		MID	64QAM	18.73	18.70	18.86	20.00
		HIGH	64QAM	18.56	18.94	18.55	20.00
	25	LOW	64QAM	18.51	18.96	18.83	20.00
		MID	64QAM	18.75	18.92	19.06	20.00
		HIGH	64QAM	18.88	18.71	18.82	20.00
	50	LOW	64QAM	19.04	19.04	18.92	20.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.91	18.72	18.77	20.00
		MID	QPSK	18.62	18.78	18.77	20.00
		HIGH	QPSK	18.76	18.78	18.51	20.00
	36	LOW	QPSK	18.95	19.00	18.88	20.00
		MID	QPSK	18.82	18.69	18.91	20.00
		HIGH	QPSK	18.91	18.91	18.73	20.00
	75	LOW	QPSK	18.86	18.98	19.00	20.00
15	1	LOW	Q16	18.94	19.21	18.84	20.00
		MID	Q16	18.86	18.89	18.77	20.00
		HIGH	Q16	18.80	19.14	18.86	20.00
	36	LOW	Q16	18.81	18.77	18.86	20.00
		MID	Q16	18.71	19.01	18.80	20.00
		HIGH	Q16	18.76	18.96	18.83	20.00
	75	LOW	Q16	18.89	18.96	18.77	20.00
15	1	LOW	64QAM	18.77	18.98	18.65	20.00
		MID	64QAM	18.82	18.85	18.92	20.00
		HIGH	64QAM	18.60	18.98	18.70	20.00
	36	LOW	64QAM	18.59	19.06	19.08	20.00
		MID	64QAM	18.98	18.92	18.80	20.00
		HIGH	64QAM	18.97	18.75	18.88	20.00
	75	LOW	64QAM	18.98	19.10	18.94	20.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.87	**18.89**	18.81	20.00
		MID	QPSK	18.73	18.87	18.85	20.00
		HIGH	QPSK	18.69	18.76	18.70	20.00
	50	LOW	QPSK	18.89	18.91	18.86	20.00
		MID	QPSK	18.94	**18.95**	18.93	20.00
		HIGH	QPSK	18.93	18.91	18.90	20.00
	100	LOW	QPSK	**18.95**	18.90	18.92	20.00
20	1	LOW	Q16	19.02	19.15	18.99	20.00
		MID	Q16	18.90	19.10	18.88	20.00
		HIGH	Q16	18.86	19.04	18.80	20.00
	50	LOW	Q16	18.89	18.96	18.94	20.00
		MID	Q16	18.92	18.92	18.97	20.00
		HIGH	Q16	18.91	18.96	18.89	20.00
	100	LOW	Q16	18.97	18.94	18.96	20.00
20	1	LOW	64QAM	18.98	19.13	18.78	20.00
		MID	64QAM	18.86	18.89	18.94	20.00
		HIGH	64QAM	18.73	19.04	18.61	20.00
	50	LOW	64QAM	18.70	19.00	19.00	20.00
		MID	64QAM	18.90	18.96	18.97	20.00
		HIGH	64QAM	18.97	18.92	18.97	20.00
	100	LOW	64QAM	19.06	19.02	18.96	20.00

LTE B2-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.75	17.58	17.64	18.50
		MID	QPSK	17.66	17.89	17.75	18.50
		HIGH	QPSK	17.74	17.60	17.65	18.50
	3	LOW	QPSK	17.80	17.79	17.92	18.50
		MID	QPSK	17.76	17.93	17.82	18.50
		HIGH	QPSK	18.03	17.88	17.93	18.50
	6	LOW	QPSK	17.99	17.86	17.89	18.50
1.4	1	LOW	Q16	18.08	18.05	17.99	18.50
		MID	Q16	18.14	18.04	17.90	18.50
		HIGH	Q16	18.16	17.94	17.88	18.50
	3	LOW	Q16	17.70	17.99	17.78	18.50
		MID	Q16	17.75	18.02	17.82	18.50
		HIGH	Q16	18.04	18.01	17.73	18.50
	6	LOW	Q16	18.05	17.90	17.90	18.50
1.4	1	LOW	64QAM	18.20	18.05	17.93	18.50
		MID	64QAM	17.92	17.95	17.99	18.50
		HIGH	64QAM	18.15	18.10	17.68	18.50
	3	LOW	64QAM	17.95	17.87	17.96	18.50
		MID	64QAM	17.93	18.10	18.10	18.50
		HIGH	64QAM	17.96	18.30	17.81	18.50
	6	LOW	64QAM	17.93	17.83	17.95	18.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.70	17.77	17.64	18.50
		MID	QPSK	17.82	17.80	17.70	18.50
		HIGH	QPSK	17.85	17.87	17.73	18.50
	8	LOW	QPSK	17.84	17.84	17.99	18.50
		MID	QPSK	17.85	17.81	17.82	18.50
		HIGH	QPSK	17.98	17.87	17.75	18.50
	15	LOW	QPSK	17.76	17.72	17.75	18.50
3	1	LOW	Q16	18.12	18.10	18.04	18.50
		MID	Q16	18.12	17.97	18.06	18.50
		HIGH	Q16	18.27	18.29	17.85	18.50
	8	LOW	Q16	17.98	17.85	17.90	18.50
		MID	Q16	17.83	17.81	17.87	18.50
		HIGH	Q16	17.79	18.10	17.93	18.50
	15	LOW	Q16	17.91	17.79	17.85	18.50
3	1	LOW	64QAM	18.19	18.18	18.11	18.50
		MID	64QAM	17.99	18.09	17.94	18.50
		HIGH	64QAM	18.16	18.13	17.78	18.50
	8	LOW	64QAM	17.98	18.11	18.10	18.50
		MID	64QAM	18.00	17.92	18.05	18.50
		HIGH	64QAM	17.81	18.12	17.86	18.50
	15	LOW	64QAM	17.91	17.71	17.86	18.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.74	17.75	17.69	18.50
		MID	QPSK	17.84	17.80	17.88	18.50
		HIGH	QPSK	17.74	17.60	17.75	18.50
	12	LOW	QPSK	17.93	17.79	18.06	18.50
		MID	QPSK	17.78	17.93	17.77	18.50
		HIGH	QPSK	17.99	17.97	17.91	18.50
	25	LOW	QPSK	17.95	17.83	17.77	18.50
5	1	LOW	Q16	18.08	18.17	18.06	18.50
		MID	Q16	18.12	18.18	17.95	18.50
		HIGH	Q16	18.18	18.05	17.97	18.50
	12	LOW	Q16	17.73	17.94	17.85	18.50
		MID	Q16	17.86	17.97	17.87	18.50
		HIGH	Q16	17.99	18.13	17.89	18.50
	25	LOW	Q16	17.88	18.02	17.78	18.50
5	1	LOW	64QAM	17.95	18.23	17.89	18.50
		MID	64QAM	18.02	18.07	17.98	18.50
		HIGH	64QAM	18.06	18.01	17.77	18.50
	12	LOW	64QAM	17.84	18.02	17.87	18.50
		MID	64QAM	18.14	17.94	17.92	18.50
		HIGH	64QAM	18.03	18.23	17.63	18.50
	25	LOW	64QAM	18.05	17.87	17.83	18.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.77	17.71	18.50
		MID	QPSK	17.73	17.91	17.65	18.50
		HIGH	QPSK	17.72	17.80	17.52	18.50
	25	LOW	QPSK	17.91	17.72	17.88	18.50
		MID	QPSK	17.92	17.84	17.98	18.50
		HIGH	QPSK	17.94	17.88	17.90	18.50
	50	LOW	QPSK	17.94	17.95	18.00	18.50
10	1	LOW	Q16	18.10	18.07	18.04	18.50
		MID	Q16	18.23	18.20	18.09	18.50
		HIGH	Q16	18.16	18.25	17.76	18.50
	25	LOW	Q16	17.87	17.83	18.01	18.50
		MID	Q16	17.91	17.88	17.86	18.50
		HIGH	Q16	17.83	17.92	17.77	18.50
	50	LOW	Q16	17.84	17.84	17.78	18.50
10	1	LOW	64QAM	17.95	18.23	17.93	18.50
		MID	64QAM	17.92	18.18	17.96	18.50
		HIGH	64QAM	18.07	18.15	17.73	18.50
	25	LOW	64QAM	17.86	18.09	18.12	18.50
		MID	64QAM	17.87	17.89	18.05	18.50
		HIGH	64QAM	18.06	18.23	17.81	18.50
	50	LOW	64QAM	18.09	17.87	17.92	18.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.68	17.59	17.83	18.50
		MID	QPSK	17.86	17.80	17.60	18.50
		HIGH	QPSK	17.77	17.74	17.49	18.50
	36	LOW	QPSK	17.80	17.80	17.97	18.50
		MID	QPSK	17.73	17.72	18.00	18.50
		HIGH	QPSK	17.82	17.94	17.88	18.50
	75	LOW	QPSK	17.71	17.79	17.73	18.50
15	1	LOW	Q16	18.06	17.94	17.92	18.50
		MID	Q16	18.05	17.99	17.91	18.50
		HIGH	Q16	18.09	18.14	17.81	18.50
	36	LOW	Q16	17.91	17.83	17.96	18.50
		MID	Q16	17.93	17.77	17.75	18.50
		HIGH	Q16	17.85	18.13	17.89	18.50
	75	LOW	Q16	18.09	17.90	17.83	18.50
15	1	LOW	64QAM	18.13	18.07	18.11	18.50
		MID	64QAM	17.97	18.02	17.74	18.50
		HIGH	64QAM	18.06	18.08	17.84	18.50
	36	LOW	64QAM	17.79	18.00	17.98	18.50
		MID	64QAM	17.87	17.94	18.07	18.50
		HIGH	64QAM	17.92	18.18	17.88	18.50
	75	LOW	64QAM	17.96	17.67	17.74	18.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.59	17.57	17.58	18.50
		MID	QPSK	17.62	**17.64**	17.59	18.50
		HIGH	QPSK	17.61	17.58	17.48	18.50
	50	LOW	QPSK	17.64	17.71	17.77	18.50
		MID	QPSK	17.72	17.66	17.73	18.50
		HIGH	QPSK	17.74	**17.79**	17.75	18.50
	100	LOW	QPSK	17.70	17.68	**17.71**	18.50
20	1	LOW	Q16	17.99	17.92	17.88	18.50
		MID	Q16	17.94	17.93	17.84	18.50
		HIGH	Q16	18.03	18.07	17.72	18.50
	50	LOW	Q16	17.69	17.74	17.72	18.50
		MID	Q16	17.75	17.75	17.71	18.50
		HIGH	Q16	17.79	17.88	17.73	18.50
	100	LOW	Q16	17.80	17.75	17.72	18.50
20	1	LOW	64QAM	17.95	17.96	17.89	18.50
		MID	64QAM	17.84	17.89	17.74	18.50
		HIGH	64QAM	17.91	17.95	17.62	18.50
	50	LOW	64QAM	17.71	17.87	17.83	18.50
		MID	64QAM	17.87	17.81	17.83	18.50
		HIGH	64QAM	17.81	18.03	17.61	18.50
	100	LOW	64QAM	17.87	17.65	17.68	18.50

LTE B2-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.63	15.62	15.64	16.50
		MID	QPSK	15.42	15.57	15.70	16.50
		HIGH	QPSK	15.57	15.47	15.55	16.50
	3	LOW	QPSK	15.57	15.68	15.64	16.50
		MID	QPSK	15.51	15.39	15.58	16.50
		HIGH	QPSK	15.52	15.34	15.44	16.50
	6	LOW	QPSK	15.43	15.40	15.36	16.50
1.4	1	LOW	Q16	15.52	15.59	15.44	16.50
		MID	Q16	15.46	15.52	15.38	16.50
		HIGH	Q16	15.41	15.42	15.13	16.50
	3	LOW	Q16	15.41	15.48	15.44	16.50
		MID	Q16	15.50	15.27	15.33	16.50
		HIGH	Q16	15.35	15.29	15.24	16.50
	6	LOW	Q16	15.33	15.36	15.31	16.50
1.4	1	LOW	64QAM	15.34	15.60	15.13	16.50
		MID	64QAM	15.30	15.45	15.50	16.50
		HIGH	64QAM	15.18	15.57	15.06	16.50
	3	LOW	64QAM	15.23	15.52	15.44	16.50
		MID	64QAM	15.34	15.43	15.35	16.50
		HIGH	64QAM	15.44	15.44	15.52	16.50
	6	LOW	64QAM	15.61	15.60	15.46	16.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	15.55	15.48	15.50	16.50
		MID	QPSK	15.39	15.57	15.63	16.50
		HIGH	QPSK	15.37	15.47	15.48	16.50
	8	LOW	QPSK	15.50	15.71	15.59	16.50
		MID	QPSK	15.59	15.43	15.55	16.50
		HIGH	QPSK	15.43	15.49	15.52	16.50
	15	LOW	QPSK	15.45	15.34	15.37	16.50
3	1	LOW	Q16	15.40	15.62	15.47	16.50
		MID	Q16	15.25	15.63	15.40	16.50
		HIGH	Q16	15.28	15.37	15.19	16.50
	8	LOW	Q16	15.25	15.34	15.41	16.50
		MID	Q16	15.50	15.31	15.55	16.50
		HIGH	Q16	15.24	15.34	15.28	16.50
	15	LOW	Q16	15.52	15.46	15.43	16.50
3	1	LOW	64QAM	15.56	15.68	15.14	16.50
		MID	64QAM	15.21	15.34	15.29	16.50
		HIGH	64QAM	15.23	15.56	15.16	16.50
	8	LOW	64QAM	15.17	15.48	15.55	16.50
		MID	64QAM	15.37	15.34	15.42	16.50
		HIGH	64QAM	15.32	15.40	15.35	16.50
	15	LOW	64QAM	15.61	15.60	15.29	16.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	15.66	15.48	15.69	16.50
		MID	QPSK	15.56	15.45	15.67	16.50
		HIGH	QPSK	15.40	15.49	15.52	16.50
	12	LOW	QPSK	15.47	15.49	15.44	16.50
		MID	QPSK	15.43	15.47	15.58	16.50
		HIGH	QPSK	15.49	15.42	15.33	16.50
	25	LOW	QPSK	15.31	15.29	15.30	16.50
5	1	LOW	Q16	15.35	15.67	15.35	16.50
		MID	Q16	15.26	15.60	15.41	16.50
		HIGH	Q16	15.22	15.56	15.24	16.50
	12	LOW	Q16	15.36	15.32	15.38	16.50
		MID	Q16	15.28	15.40	15.47	16.50
		HIGH	Q16	15.43	15.49	15.28	16.50
	25	LOW	Q16	15.44	15.42	15.44	16.50
5	1	LOW	64QAM	15.37	15.46	15.34	16.50
		MID	64QAM	15.25	15.41	15.50	16.50
		HIGH	64QAM	15.14	15.54	15.09	16.50
	12	LOW	64QAM	15.28	15.33	15.44	16.50
		MID	64QAM	15.25	15.46	15.42	16.50
		HIGH	64QAM	15.35	15.30	15.41	16.50
	25	LOW	64QAM	15.53	15.55	15.31	16.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	15.66	15.56	15.49	16.50
		MID	QPSK	15.37	15.46	15.68	16.50
		HIGH	QPSK	15.47	15.60	15.47	16.50
	25	LOW	QPSK	15.42	15.65	15.62	16.50
		MID	QPSK	15.62	15.58	15.42	16.50
		HIGH	QPSK	15.46	15.49	15.48	16.50
	50	LOW	QPSK	15.28	15.45	15.48	16.50
10	1	LOW	Q16	15.46	15.71	15.49	16.50
		MID	Q16	15.37	15.55	15.38	16.50
		HIGH	Q16	15.24	15.38	15.13	16.50
	25	LOW	Q16	15.45	15.46	15.41	16.50
		MID	Q16	15.34	15.39	15.49	16.50
		HIGH	Q16	15.35	15.32	15.33	16.50
	50	LOW	Q16	15.44	15.27	15.43	16.50
10	1	LOW	64QAM	15.50	15.69	15.31	16.50
		MID	64QAM	15.39	15.34	15.32	16.50
		HIGH	64QAM	15.20	15.37	15.00	16.50
	25	LOW	64QAM	15.05	15.38	15.56	16.50
		MID	64QAM	15.31	15.29	15.39	16.50
		HIGH	64QAM	15.35	15.45	15.35	16.50
	50	LOW	64QAM	15.42	15.35	15.32	16.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	15.62	15.57	15.55	16.50
		MID	QPSK	15.55	15.59	15.67	16.50
		HIGH	QPSK	15.32	15.52	15.47	16.50
	36	LOW	QPSK	15.62	15.65	15.48	16.50
		MID	QPSK	15.40	15.43	15.51	16.50
		HIGH	QPSK	15.57	15.35	15.56	16.50
	75	LOW	QPSK	15.40	15.38	15.47	16.50
15	1	LOW	Q16	15.47	15.56	15.57	16.50
		MID	Q16	15.43	15.58	15.33	16.50
		HIGH	Q16	15.28	15.51	15.13	16.50
	36	LOW	Q16	15.36	15.29	15.30	16.50
		MID	Q16	15.25	15.50	15.44	16.50
		HIGH	Q16	15.30	15.54	15.24	16.50
	75	LOW	Q16	15.38	15.47	15.52	16.50
15	1	LOW	64QAM	15.36	15.57	15.25	16.50
		MID	64QAM	15.19	15.47	15.35	16.50
		HIGH	64QAM	15.12	15.42	15.03	16.50
	36	LOW	64QAM	15.26	15.52	15.35	16.50
		MID	64QAM	15.26	15.43	15.44	16.50
		HIGH	64QAM	15.55	15.30	15.42	16.50
	75	LOW	64QAM	15.64	15.58	15.41	16.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	15.55	**15.65**	15.58	16.50
		MID	QPSK	15.53	15.60	15.48	16.50
		HIGH	QPSK	15.54	15.44	15.45	16.50
	50	LOW	QPSK	15.54	**15.63**	15.48	16.50
		MID	QPSK	15.57	15.56	15.55	16.50
		HIGH	QPSK	15.52	15.55	15.53	16.50
	100	LOW	QPSK	15.34	**15.40**	15.25	16.50
20	1	LOW	Q16	15.49	15.65	15.49	16.50
		MID	Q16	15.40	15.46	15.44	16.50
		HIGH	Q16	15.28	15.46	15.28	16.50
	50	LOW	Q16	15.27	15.37	15.35	16.50
		MID	Q16	15.27	15.30	15.41	16.50
		HIGH	Q16	15.24	15.35	15.27	16.50
	100	LOW	Q16	15.44	15.32	15.37	16.50
20	1	LOW	64QAM	15.36	15.52	15.20	16.50
		MID	64QAM	15.21	15.27	15.38	16.50
		HIGH	64QAM	15.09	15.52	14.97	16.50
	50	LOW	64QAM	15.25	15.39	15.38	16.50
		MID	64QAM	15.31	15.49	15.49	16.50
		HIGH	64QAM	15.55	15.45	15.32	16.50
	100	LOW	64QAM	15.64	15.36	15.32	16.50

LTE B2-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.75	17.58	17.64	18.50
		MID	QPSK	17.66	17.89	17.75	18.50
		HIGH	QPSK	17.74	17.60	17.65	18.50
	3	LOW	QPSK	17.80	17.79	17.92	18.50
		MID	QPSK	17.76	17.93	17.82	18.50
		HIGH	QPSK	18.03	17.88	17.93	18.50
	6	LOW	QPSK	17.99	17.86	17.89	18.50
1.4	1	LOW	Q16	18.08	18.05	17.99	18.50
		MID	Q16	18.14	18.04	17.90	18.50
		HIGH	Q16	18.16	17.94	17.88	18.50
	3	LOW	Q16	17.70	17.99	17.78	18.50
		MID	Q16	17.75	18.02	17.82	18.50
		HIGH	Q16	18.04	18.01	17.73	18.50
	6	LOW	Q16	18.05	17.90	17.90	18.50
1.4	1	LOW	64QAM	18.20	18.05	17.93	18.50
		MID	64QAM	17.92	17.95	17.99	18.50
		HIGH	64QAM	18.15	18.10	17.68	18.50
	3	LOW	64QAM	17.95	17.87	17.96	18.50
		MID	64QAM	17.93	18.10	18.10	18.50
		HIGH	64QAM	17.96	18.30	17.81	18.50
	6	LOW	64QAM	17.93	17.83	17.95	18.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	17.70	17.77	17.64	18.50
		MID	QPSK	17.82	17.80	17.70	18.50
		HIGH	QPSK	17.85	17.87	17.73	18.50
	8	LOW	QPSK	17.84	17.84	17.99	18.50
		MID	QPSK	17.85	17.81	17.82	18.50
		HIGH	QPSK	17.98	17.87	17.75	18.50
	15	LOW	QPSK	17.76	17.72	17.75	18.50
3	1	LOW	Q16	18.12	18.10	18.04	18.50
		MID	Q16	18.12	17.97	18.06	18.50
		HIGH	Q16	18.27	18.29	17.85	18.50
	8	LOW	Q16	17.98	17.85	17.90	18.50
		MID	Q16	17.83	17.81	17.87	18.50
		HIGH	Q16	17.79	18.10	17.93	18.50
	15	LOW	Q16	17.91	17.79	17.85	18.50
3	1	LOW	64QAM	18.19	18.18	18.11	18.50
		MID	64QAM	17.99	18.09	17.94	18.50
		HIGH	64QAM	18.16	18.13	17.78	18.50
	8	LOW	64QAM	17.98	18.11	18.10	18.50
		MID	64QAM	18.00	17.92	18.05	18.50
		HIGH	64QAM	17.81	18.12	17.86	18.50
	15	LOW	64QAM	17.91	17.71	17.86	18.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	17.74	17.75	17.69	18.50
		MID	QPSK	17.84	17.80	17.88	18.50
		HIGH	QPSK	17.74	17.60	17.75	18.50
	12	LOW	QPSK	17.93	17.79	18.06	18.50
		MID	QPSK	17.78	17.93	17.77	18.50
		HIGH	QPSK	17.99	17.97	17.91	18.50
	25	LOW	QPSK	17.95	17.83	17.77	18.50
5	1	LOW	Q16	18.08	18.17	18.06	18.50
		MID	Q16	18.12	18.18	17.95	18.50
		HIGH	Q16	18.18	18.05	17.97	18.50
	12	LOW	Q16	17.73	17.94	17.85	18.50
		MID	Q16	17.86	17.97	17.87	18.50
		HIGH	Q16	17.99	18.13	17.89	18.50
	25	LOW	Q16	17.88	18.02	17.78	18.50
5	1	LOW	64QAM	17.95	18.23	17.89	18.50
		MID	64QAM	18.02	18.07	17.98	18.50
		HIGH	64QAM	18.06	18.01	17.77	18.50
	12	LOW	64QAM	17.84	18.02	17.87	18.50
		MID	64QAM	18.14	17.94	17.92	18.50
		HIGH	64QAM	18.03	18.23	17.63	18.50
	25	LOW	64QAM	18.05	17.87	17.83	18.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	17.81	17.77	17.71	18.50
		MID	QPSK	17.73	17.91	17.65	18.50
		HIGH	QPSK	17.72	17.80	17.52	18.50
	25	LOW	QPSK	17.91	17.72	17.88	18.50
		MID	QPSK	17.92	17.84	17.98	18.50
		HIGH	QPSK	17.94	17.88	17.90	18.50
	50	LOW	QPSK	17.94	17.95	18.00	18.50
10	1	LOW	Q16	18.10	18.07	18.04	18.50
		MID	Q16	18.23	18.20	18.09	18.50
		HIGH	Q16	18.16	18.25	17.76	18.50
	25	LOW	Q16	17.87	17.83	18.01	18.50
		MID	Q16	17.91	17.88	17.86	18.50
		HIGH	Q16	17.83	17.92	17.77	18.50
	50	LOW	Q16	17.84	17.84	17.78	18.50
10	1	LOW	64QAM	17.95	18.23	17.93	18.50
		MID	64QAM	17.92	18.18	17.96	18.50
		HIGH	64QAM	18.07	18.15	17.73	18.50
	25	LOW	64QAM	17.86	18.09	18.12	18.50
		MID	64QAM	17.87	17.89	18.05	18.50
		HIGH	64QAM	18.06	18.23	17.81	18.50
	50	LOW	64QAM	18.09	17.87	17.92	18.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	17.68	17.59	17.83	18.50
		MID	QPSK	17.86	17.80	17.60	18.50
		HIGH	QPSK	17.77	17.74	17.49	18.50
	36	LOW	QPSK	17.80	17.80	17.97	18.50
		MID	QPSK	17.73	17.72	18.00	18.50
		HIGH	QPSK	17.82	17.94	17.88	18.50
	75	LOW	QPSK	17.71	17.79	17.73	18.50
15	1	LOW	Q16	18.06	17.94	17.92	18.50
		MID	Q16	18.05	17.99	17.91	18.50
		HIGH	Q16	18.09	18.14	17.81	18.50
	36	LOW	Q16	17.91	17.83	17.96	18.50
		MID	Q16	17.93	17.77	17.75	18.50
		HIGH	Q16	17.85	18.13	17.89	18.50
	75	LOW	Q16	18.09	17.90	17.83	18.50
15	1	LOW	64QAM	18.13	18.07	18.11	18.50
		MID	64QAM	17.97	18.02	17.74	18.50
		HIGH	64QAM	18.06	18.08	17.84	18.50
	36	LOW	64QAM	17.79	18.00	17.98	18.50
		MID	64QAM	17.87	17.94	18.07	18.50
		HIGH	64QAM	17.92	18.18	17.88	18.50
	75	LOW	64QAM	17.96	17.67	17.74	18.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	17.59	17.57	17.58	18.50
		MID	QPSK	17.62	**17.64**	17.59	18.50
		HIGH	QPSK	17.61	17.58	17.48	18.50
	50	LOW	QPSK	17.64	17.71	17.77	18.50
		MID	QPSK	17.72	17.66	17.73	18.50
		HIGH	QPSK	17.74	**17.79**	17.75	18.50
	100	LOW	QPSK	17.70	17.68	**17.71**	18.50
20	1	LOW	Q16	17.99	17.92	17.88	18.50
		MID	Q16	17.94	17.93	17.84	18.50
		HIGH	Q16	18.03	18.07	17.72	18.50
	50	LOW	Q16	17.69	17.74	17.72	18.50
		MID	Q16	17.75	17.75	17.71	18.50
		HIGH	Q16	17.79	17.88	17.73	18.50
	100	LOW	Q16	17.80	17.75	17.72	18.50
20	1	LOW	64QAM	17.95	17.96	17.89	18.50
		MID	64QAM	17.84	17.89	17.74	18.50
		HIGH	64QAM	17.91	17.95	17.62	18.50
	50	LOW	64QAM	17.71	17.87	17.83	18.50
		MID	64QAM	17.87	17.81	17.83	18.50
		HIGH	64QAM	17.81	18.03	17.61	18.50
	100	LOW	64QAM	17.87	17.65	17.68	18.50

LTE B2-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.34	22.27	22.59	23.50
		MID	QPSK	22.35	22.41	22.47	23.50
		HIGH	QPSK	22.36	22.41	22.13	23.50
	3	LOW	QPSK	22.41	22.23	22.52	23.50
		MID	QPSK	22.28	22.34	22.29	23.50
		HIGH	QPSK	22.38	22.37	22.06	23.50
	6	LOW	QPSK	21.52	21.50	21.47	22.50
1.4	1	LOW	Q16	21.80	21.76	21.89	22.50
		MID	Q16	21.68	21.94	21.87	22.50
		HIGH	Q16	21.58	21.85	21.73	22.50
	3	LOW	Q16	21.63	21.76	21.65	22.50
		MID	Q16	21.46	21.87	21.72	22.50
		HIGH	Q16	21.67	21.92	21.60	22.50
	6	LOW	Q16	20.33	20.60	20.38	21.50
1.4	1	LOW	64QAM	20.70	21.03	21.18	21.50
		MID	64QAM	21.00	21.01	20.96	21.50
		HIGH	64QAM	21.01	21.22	21.16	21.50
	3	LOW	64QAM	20.76	20.88	21.07	21.50
		MID	64QAM	20.87	20.95	20.86	21.50
		HIGH	64QAM	20.78	21.33	21.16	21.50
	6	LOW	64QAM	19.43	19.64	19.61	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.31	22.29	22.55	23.50
		MID	QPSK	22.20	22.50	22.34	23.50
		HIGH	QPSK	22.23	22.52	22.39	23.50
	8	LOW	QPSK	21.50	21.31	21.54	22.50
		MID	QPSK	21.17	21.60	21.45	22.50
		HIGH	QPSK	21.29	21.60	21.52	22.50
	15	LOW	QPSK	21.22	21.42	21.52	22.50
3	1	LOW	Q16	21.69	22.00	21.96	22.50
		MID	Q16	21.70	22.14	22.05	22.50
		HIGH	Q16	21.58	22.05	21.99	22.50
	8	LOW	Q16	20.25	20.40	20.58	21.50
		MID	Q16	20.26	20.57	20.68	21.50
		HIGH	Q16	20.31	20.37	20.60	21.50
	15	LOW	Q16	20.37	20.62	20.36	21.50
3	1	LOW	64QAM	20.95	21.20	20.99	21.50
		MID	64QAM	20.88	20.99	21.09	21.50
		HIGH	64QAM	20.89	21.00	21.08	21.50
	8	LOW	64QAM	19.14	19.40	19.53	20.50
		MID	64QAM	19.32	19.63	19.78	20.50
		HIGH	64QAM	19.33	19.60	19.70	20.50
	15	LOW	64QAM	19.45	19.54	19.59	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.11	22.34	22.43	23.50
		MID	QPSK	22.06	22.14	22.34	23.50
		HIGH	QPSK	22.25	22.45	22.28	23.50
	12	LOW	QPSK	21.37	21.31	21.49	22.50
		MID	QPSK	21.28	21.51	21.53	22.50
		HIGH	QPSK	21.23	21.63	21.58	22.50
	25	LOW	QPSK	21.22	21.44	21.67	22.50
5	1	LOW	Q16	21.73	21.89	22.11	22.50
		MID	Q16	21.59	21.90	21.96	22.50
		HIGH	Q16	21.69	21.96	21.88	22.50
	12	LOW	Q16	20.17	20.58	20.62	21.50
		MID	Q16	20.34	20.59	20.62	21.50
		HIGH	Q16	20.45	20.52	20.66	21.50
	25	LOW	Q16	20.23	20.48	20.57	21.50
5	1	LOW	64QAM	20.76	21.09	21.24	21.50
		MID	64QAM	20.75	20.86	21.19	21.50
		HIGH	64QAM	20.99	21.13	20.87	21.50
	12	LOW	64QAM	19.14	19.36	19.45	20.50
		MID	64QAM	19.52	19.67	19.74	20.50
		HIGH	64QAM	19.33	19.72	19.84	20.50
	25	LOW	64QAM	19.49	19.70	19.53	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.40	22.32	23.50
		MID	QPSK	22.02	22.41	22.41	23.50
		HIGH	QPSK	22.38	22.37	22.31	23.50
	25	LOW	QPSK	21.26	21.27	21.49	22.50
		MID	QPSK	21.50	21.51	21.64	22.50
		HIGH	QPSK	21.48	21.65	21.43	22.50
	50	LOW	QPSK	21.24	21.27	21.67	22.50
10	1	LOW	Q16	21.71	21.72	21.96	22.50
		MID	Q16	21.59	22.07	21.91	22.50
		HIGH	Q16	21.82	21.80	21.75	22.50
	25	LOW	Q16	20.45	20.40	20.44	21.50
		MID	Q16	20.46	20.37	20.41	21.50
		HIGH	Q16	20.29	20.64	20.44	21.50
	50	LOW	Q16	20.45	20.48	20.59	21.50
10	1	LOW	64QAM	20.68	20.96	20.99	21.50
		MID	64QAM	20.94	20.91	21.03	21.50
		HIGH	64QAM	20.95	21.15	20.95	21.50
	25	LOW	64QAM	19.20	19.58	19.61	20.50
		MID	64QAM	19.54	19.71	19.50	20.50
		HIGH	64QAM	19.43	19.64	19.62	20.50
	50	LOW	64QAM	19.59	19.76	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.18	22.42	22.59	23.50
		MID	QPSK	22.04	22.19	22.32	23.50
		HIGH	QPSK	22.27	22.23	22.37	23.50
	36	LOW	QPSK	21.48	21.33	21.47	22.50
		MID	QPSK	21.41	21.25	21.40	22.50
		HIGH	QPSK	21.46	21.41	21.54	22.50
	75	LOW	QPSK	21.34	21.50	21.36	22.50
15	1	LOW	Q16	21.56	21.83	21.78	22.50
		MID	Q16	21.57	21.92	21.89	22.50
		HIGH	Q16	21.78	22.05	21.70	22.50
	36	LOW	Q16	20.31	20.40	20.42	21.50
		MID	Q16	20.38	20.53	20.72	21.50
		HIGH	Q16	20.33	20.60	20.68	21.50
	75	LOW	Q16	20.55	20.54	20.36	21.50
15	1	LOW	64QAM	20.68	21.13	21.05	21.50
		MID	64QAM	20.94	21.09	20.92	21.50
		HIGH	64QAM	20.93	21.22	21.10	21.50
	36	LOW	64QAM	19.45	19.38	19.51	20.50
		MID	64QAM	19.30	19.73	19.52	20.50
		HIGH	64QAM	19.26	19.50	19.86	20.50
	75	LOW	64QAM	19.45	19.64	19.65	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.27	22.38	22.50	23.50
		MID	QPSK	22.24	22.39	**22.52**	23.50
		HIGH	QPSK	22.27	22.41	22.35	23.50
	50	LOW	QPSK	21.39	21.48	21.58	22.50
		MID	QPSK	21.41	21.49	**21.64**	22.50
		HIGH	QPSK	21.44	21.54	21.58	22.50
	100	LOW	QPSK	21.43	21.46	**21.58**	22.50
20	1	LOW	Q16	21.73	21.96	22.00	22.50
		MID	Q16	21.70	22.03	21.98	22.50
		HIGH	Q16	21.71	21.98	21.88	22.50
	50	LOW	Q16	20.35	20.48	20.56	21.50
		MID	Q16	20.42	20.53	20.64	21.50
		HIGH	Q16	20.43	20.58	20.58	21.50
	100	LOW	Q16	20.45	20.52	20.59	21.50
20	1	LOW	64QAM	20.91	21.09	21.22	21.50
		MID	64QAM	20.94	20.99	21.11	21.50
		HIGH	64QAM	20.95	21.11	21.10	21.50
	50	LOW	64QAM	19.35	19.52	19.57	20.50
		MID	64QAM	19.48	19.67	19.70	20.50
		HIGH	64QAM	19.43	19.70	19.82	20.50
	100	LOW	64QAM	19.63	19.72	19.75	20.50

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.34	22.27	22.59	23.50
		MID	QPSK	22.35	22.41	22.47	23.50
		HIGH	QPSK	22.36	22.41	22.13	23.50
	3	LOW	QPSK	22.41	22.23	22.52	23.50
		MID	QPSK	22.28	22.34	22.29	23.50
		HIGH	QPSK	22.38	22.37	22.06	23.50
	6	LOW	QPSK	21.52	21.50	21.47	22.50
1.4	1	LOW	Q16	21.80	21.76	21.89	22.50
		MID	Q16	21.68	21.94	21.87	22.50
		HIGH	Q16	21.58	21.85	21.73	22.50
	3	LOW	Q16	21.63	21.76	21.65	22.50
		MID	Q16	21.46	21.87	21.72	22.50
		HIGH	Q16	21.67	21.92	21.60	22.50
	6	LOW	Q16	20.33	20.60	20.38	21.50
1.4	1	LOW	64QAM	20.70	21.03	21.18	21.50
		MID	64QAM	21.00	21.01	20.96	21.50
		HIGH	64QAM	21.01	21.22	21.16	21.50
	3	LOW	64QAM	20.76	20.88	21.07	21.50
		MID	64QAM	20.87	20.95	20.86	21.50
		HIGH	64QAM	20.78	21.33	21.16	21.50
	6	LOW	64QAM	19.43	19.64	19.61	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.31	22.29	22.55	23.50
		MID	QPSK	22.20	22.50	22.34	23.50
		HIGH	QPSK	22.23	22.52	22.39	23.50
	8	LOW	QPSK	21.50	21.31	21.54	22.50
		MID	QPSK	21.17	21.60	21.45	22.50
		HIGH	QPSK	21.29	21.60	21.52	22.50
	15	LOW	QPSK	21.22	21.42	21.52	22.50
3	1	LOW	Q16	21.69	22.00	21.96	22.50
		MID	Q16	21.70	22.14	22.05	22.50
		HIGH	Q16	21.58	22.05	21.99	22.50
	8	LOW	Q16	20.25	20.40	20.58	21.50
		MID	Q16	20.26	20.57	20.68	21.50
		HIGH	Q16	20.31	20.37	20.60	21.50
	15	LOW	Q16	20.37	20.62	20.36	21.50
3	1	LOW	64QAM	20.95	21.20	20.99	21.50
		MID	64QAM	20.88	20.99	21.09	21.50
		HIGH	64QAM	20.89	21.00	21.08	21.50
	8	LOW	64QAM	19.14	19.40	19.53	20.50
		MID	64QAM	19.32	19.63	19.78	20.50
		HIGH	64QAM	19.33	19.60	19.70	20.50
	15	LOW	64QAM	19.45	19.54	19.59	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.11	22.34	22.43	23.50
		MID	QPSK	22.06	22.14	22.34	23.50
		HIGH	QPSK	22.25	22.45	22.28	23.50
	12	LOW	QPSK	21.37	21.31	21.49	22.50
		MID	QPSK	21.28	21.51	21.53	22.50
		HIGH	QPSK	21.23	21.63	21.58	22.50
	25	LOW	QPSK	21.22	21.44	21.67	22.50
5	1	LOW	Q16	21.73	21.89	22.11	22.50
		MID	Q16	21.59	21.90	21.96	22.50
		HIGH	Q16	21.69	21.96	21.88	22.50
	12	LOW	Q16	20.17	20.58	20.62	21.50
		MID	Q16	20.34	20.59	20.62	21.50
		HIGH	Q16	20.45	20.52	20.66	21.50
	25	LOW	Q16	20.23	20.48	20.57	21.50
5	1	LOW	64QAM	20.76	21.09	21.24	21.50
		MID	64QAM	20.75	20.86	21.19	21.50
		HIGH	64QAM	20.99	21.13	20.87	21.50
	12	LOW	64QAM	19.14	19.36	19.45	20.50
		MID	64QAM	19.52	19.67	19.74	20.50
		HIGH	64QAM	19.33	19.72	19.84	20.50
	25	LOW	64QAM	19.49	19.70	19.53	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.40	22.32	23.50
		MID	QPSK	22.02	22.41	22.41	23.50
		HIGH	QPSK	22.38	22.37	22.31	23.50
	25	LOW	QPSK	21.26	21.27	21.49	22.50
		MID	QPSK	21.50	21.51	21.64	22.50
		HIGH	QPSK	21.48	21.65	21.43	22.50
	50	LOW	QPSK	21.24	21.27	21.67	22.50
10	1	LOW	Q16	21.71	21.72	21.96	22.50
		MID	Q16	21.59	22.07	21.91	22.50
		HIGH	Q16	21.82	21.80	21.75	22.50
	25	LOW	Q16	20.45	20.40	20.44	21.50
		MID	Q16	20.46	20.37	20.41	21.50
		HIGH	Q16	20.29	20.64	20.44	21.50
	50	LOW	Q16	20.45	20.48	20.59	21.50
10	1	LOW	64QAM	20.68	20.96	20.99	21.50
		MID	64QAM	20.94	20.91	21.03	21.50
		HIGH	64QAM	20.95	21.15	20.95	21.50
	25	LOW	64QAM	19.20	19.58	19.61	20.50
		MID	64QAM	19.54	19.71	19.50	20.50
		HIGH	64QAM	19.43	19.64	19.62	20.50
	50	LOW	64QAM	19.59	19.76	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.18	22.42	22.59	23.50
		MID	QPSK	22.04	22.19	22.32	23.50
		HIGH	QPSK	22.27	22.23	22.37	23.50
	36	LOW	QPSK	21.48	21.33	21.47	22.50
		MID	QPSK	21.41	21.25	21.40	22.50
		HIGH	QPSK	21.46	21.41	21.54	22.50
	75	LOW	QPSK	21.34	21.50	21.36	22.50
15	1	LOW	Q16	21.56	21.83	21.78	22.50
		MID	Q16	21.57	21.92	21.89	22.50
		HIGH	Q16	21.78	22.05	21.70	22.50
	36	LOW	Q16	20.31	20.40	20.42	21.50
		MID	Q16	20.38	20.53	20.72	21.50
		HIGH	Q16	20.33	20.60	20.68	21.50
	75	LOW	Q16	20.55	20.54	20.36	21.50
15	1	LOW	64QAM	20.68	21.13	21.05	21.50
		MID	64QAM	20.94	21.09	20.92	21.50
		HIGH	64QAM	20.93	21.22	21.10	21.50
	36	LOW	64QAM	19.45	19.38	19.51	20.50
		MID	64QAM	19.30	19.73	19.52	20.50
		HIGH	64QAM	19.26	19.50	19.86	20.50
	75	LOW	64QAM	19.45	19.64	19.65	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.27	22.38	22.50	23.50
		MID	QPSK	22.24	22.39	**22.52**	23.50
		HIGH	QPSK	22.27	22.41	22.35	23.50
	50	LOW	QPSK	21.39	21.48	21.58	22.50
		MID	QPSK	21.41	21.49	**21.64**	22.50
		HIGH	QPSK	21.44	21.54	21.58	22.50
	100	LOW	QPSK	21.43	21.46	**21.58**	22.50
20	1	LOW	Q16	21.73	21.96	22.00	22.50
		MID	Q16	21.70	22.03	21.98	22.50
		HIGH	Q16	21.71	21.98	21.88	22.50
	50	LOW	Q16	20.35	20.48	20.56	21.50
		MID	Q16	20.42	20.53	20.64	21.50
		HIGH	Q16	20.43	20.58	20.58	21.50
	100	LOW	Q16	20.45	20.52	20.59	21.50
20	1	LOW	64QAM	20.91	21.09	21.22	21.50
		MID	64QAM	20.94	20.99	21.11	21.50
		HIGH	64QAM	20.95	21.11	21.10	21.50
	50	LOW	64QAM	19.35	19.52	19.57	20.50
		MID	64QAM	19.48	19.67	19.70	20.50
		HIGH	64QAM	19.43	19.70	19.82	20.50
	100	LOW	64QAM	19.63	19.72	19.75	20.50

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.34	22.27	**22.59**	23.50
		MID	QPSK	22.35	22.41	22.47	23.50
		HIGH	QPSK	22.36	22.41	22.13	23.50
	3	LOW	QPSK	22.41	22.23	**22.52**	23.50
		MID	QPSK	22.28	22.34	22.29	23.50
		HIGH	QPSK	22.38	22.37	22.06	23.50
	6	LOW	QPSK	**21.52**	21.50	21.47	22.50
1.4	1	LOW	Q16	21.80	21.76	21.89	22.50
		MID	Q16	21.68	21.94	21.87	22.50
		HIGH	Q16	21.58	21.85	21.73	22.50
	3	LOW	Q16	21.63	21.76	21.65	22.50
		MID	Q16	21.46	21.87	21.72	22.50
		HIGH	Q16	21.67	21.92	21.60	22.50
	6	LOW	Q16	20.33	20.60	20.38	21.50
1.4	1	LOW	64QAM	20.70	21.03	21.18	21.50
		MID	64QAM	21.00	21.01	20.96	21.50
		HIGH	64QAM	21.01	21.22	21.16	21.50
	3	LOW	64QAM	20.76	20.88	21.07	21.50
		MID	64QAM	20.87	20.95	20.86	21.50
		HIGH	64QAM	20.78	21.33	21.16	21.50
	6	LOW	64QAM	19.43	19.64	19.61	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.31	22.29	**22.55**	23.50
		MID	QPSK	22.20	22.50	22.34	23.50
		HIGH	QPSK	22.23	22.52	22.39	23.50
	8	LOW	QPSK	21.50	21.31	21.54	22.50
		MID	QPSK	21.17	**21.60**	21.45	22.50
		HIGH	QPSK	21.29	**21.60**	21.52	22.50
	15	LOW	QPSK	21.22	21.42	**21.52**	22.50
3	1	LOW	Q16	21.69	22.00	21.96	22.50
		MID	Q16	21.70	22.14	22.05	22.50
		HIGH	Q16	21.58	22.05	21.99	22.50
	8	LOW	Q16	20.25	20.40	20.58	21.50
		MID	Q16	20.26	20.57	20.68	21.50
		HIGH	Q16	20.31	20.37	20.60	21.50
	15	LOW	Q16	20.37	20.62	20.36	21.50
3	1	LOW	64QAM	20.95	21.20	20.99	21.50
		MID	64QAM	20.88	20.99	21.09	21.50
		HIGH	64QAM	20.89	21.00	21.08	21.50
	8	LOW	64QAM	19.14	19.40	19.53	20.50
		MID	64QAM	19.32	19.63	19.78	20.50
		HIGH	64QAM	19.33	19.60	19.70	20.50
	15	LOW	64QAM	19.45	19.54	19.59	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.11	22.34	22.43	23.50
		MID	QPSK	22.06	22.14	22.34	23.50
		HIGH	QPSK	22.25	**22.45**	22.28	23.50
	12	LOW	QPSK	21.37	21.31	21.49	22.50
		MID	QPSK	21.28	21.51	21.53	22.50
		HIGH	QPSK	21.23	**21.63**	21.58	22.50
	25	LOW	QPSK	21.22	21.44	**21.67**	22.50
5	1	LOW	Q16	21.73	21.89	22.11	22.50
		MID	Q16	21.59	21.90	21.96	22.50
		HIGH	Q16	21.69	21.96	21.88	22.50
	12	LOW	Q16	20.17	20.58	20.62	21.50
		MID	Q16	20.34	20.59	20.62	21.50
		HIGH	Q16	20.45	20.52	20.66	21.50
	25	LOW	Q16	20.23	20.48	20.57	21.50
5	1	LOW	64QAM	20.76	21.09	21.24	21.50
		MID	64QAM	20.75	20.86	21.19	21.50
		HIGH	64QAM	20.99	21.13	20.87	21.50
	12	LOW	64QAM	19.14	19.36	19.45	20.50
		MID	64QAM	19.52	19.67	19.74	20.50
		HIGH	64QAM	19.33	19.72	19.84	20.50
	25	LOW	64QAM	19.49	19.70	19.53	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.40	22.32	23.50
		MID	QPSK	22.02	**22.41**	**22.41**	23.50
		HIGH	QPSK	22.38	22.37	22.31	23.50
	25	LOW	QPSK	21.26	21.27	21.49	22.50
		MID	QPSK	21.50	21.51	21.64	22.50
		HIGH	QPSK	21.48	**21.65**	21.43	22.50
	50	LOW	QPSK	21.24	21.27	**21.67**	22.50
10	1	LOW	Q16	21.71	21.72	21.96	22.50
		MID	Q16	21.59	22.07	21.91	22.50
		HIGH	Q16	21.82	21.80	21.75	22.50
	25	LOW	Q16	20.45	20.40	20.44	21.50
		MID	Q16	20.46	20.37	20.41	21.50
		HIGH	Q16	20.29	20.64	20.44	21.50
	50	LOW	Q16	20.45	20.48	20.59	21.50
10	1	LOW	64QAM	20.68	20.96	20.99	21.50
		MID	64QAM	20.94	20.91	21.03	21.50
		HIGH	64QAM	20.95	21.15	20.95	21.50
	25	LOW	64QAM	19.20	19.58	19.61	20.50
		MID	64QAM	19.54	19.71	19.50	20.50
		HIGH	64QAM	19.43	19.64	19.62	20.50
	50	LOW	64QAM	19.59	19.76	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.18	22.42	**22.59**	23.50
		MID	QPSK	22.04	22.19	22.32	23.50
		HIGH	QPSK	22.27	22.23	22.37	23.50
	36	LOW	QPSK	21.48	21.33	21.47	22.50
		MID	QPSK	21.41	21.25	21.40	22.50
		HIGH	QPSK	21.46	21.41	**21.54**	22.50
	75	LOW	QPSK	21.34	**21.50**	21.36	22.50
15	1	LOW	Q16	21.56	21.83	21.78	22.50
		MID	Q16	21.57	21.92	21.89	22.50
		HIGH	Q16	21.78	22.05	21.70	22.50
	36	LOW	Q16	20.31	20.40	20.42	21.50
		MID	Q16	20.38	20.53	20.72	21.50
		HIGH	Q16	20.33	20.60	20.68	21.50
	75	LOW	Q16	20.55	20.54	20.36	21.50
15	1	LOW	64QAM	20.68	21.13	21.05	21.50
		MID	64QAM	20.94	21.09	20.92	21.50
		HIGH	64QAM	20.93	21.22	21.10	21.50
	36	LOW	64QAM	19.45	19.38	19.51	20.50
		MID	64QAM	19.30	19.73	19.52	20.50
		HIGH	64QAM	19.26	19.50	19.86	20.50
	75	LOW	64QAM	19.45	19.64	19.65	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.27	22.38	22.50	23.50
		MID	QPSK	22.24	22.39	**22.52**	23.50
		HIGH	QPSK	22.27	22.41	22.35	23.50
	50	LOW	QPSK	21.39	21.48	21.58	22.50
		MID	QPSK	21.41	21.49	**21.64**	22.50
		HIGH	QPSK	21.44	21.54	21.58	22.50
	100	LOW	QPSK	21.43	21.46	**21.58**	22.50
20	1	LOW	Q16	21.73	21.96	22.00	22.50
		MID	Q16	21.70	22.03	21.98	22.50
		HIGH	Q16	21.71	21.98	21.88	22.50
	50	LOW	Q16	20.35	20.48	20.56	21.50
		MID	Q16	20.42	20.53	20.64	21.50
		HIGH	Q16	20.43	20.58	20.58	21.50
	100	LOW	Q16	20.45	20.52	20.59	21.50
20	1	LOW	64QAM	20.91	21.09	21.22	21.50
		MID	64QAM	20.94	20.99	21.11	21.50
		HIGH	64QAM	20.95	21.11	21.10	21.50
	50	LOW	64QAM	19.35	19.52	19.57	20.50
		MID	64QAM	19.48	19.67	19.70	20.50
		HIGH	64QAM	19.43	19.70	19.82	20.50
	100	LOW	64QAM	19.63	19.72	19.75	20.50

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.34	22.27	**22.59**	23.50
		MID	QPSK	22.35	22.41	22.47	23.50
		HIGH	QPSK	22.36	22.41	22.13	23.50
	3	LOW	QPSK	22.41	22.23	**22.52**	23.50
		MID	QPSK	22.28	22.34	22.29	23.50
		HIGH	QPSK	22.38	22.37	22.06	23.50
	6	LOW	QPSK	**21.52**	21.50	21.47	22.50
1.4	1	LOW	Q16	21.80	21.76	21.89	22.50
		MID	Q16	21.68	21.94	21.87	22.50
		HIGH	Q16	21.58	21.85	21.73	22.50
	3	LOW	Q16	21.63	21.76	21.65	22.50
		MID	Q16	21.46	21.87	21.72	22.50
		HIGH	Q16	21.67	21.92	21.60	22.50
	6	LOW	Q16	20.33	20.60	20.38	21.50
1.4	1	LOW	64QAM	20.70	21.03	21.18	21.50
		MID	64QAM	21.00	21.01	20.96	21.50
		HIGH	64QAM	21.01	21.22	21.16	21.50
	3	LOW	64QAM	20.76	20.88	21.07	21.50
		MID	64QAM	20.87	20.95	20.86	21.50
		HIGH	64QAM	20.78	21.33	21.16	21.50
	6	LOW	64QAM	19.43	19.64	19.61	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.31	22.29	**22.55**	23.50
		MID	QPSK	22.20	22.50	22.34	23.50
		HIGH	QPSK	22.23	22.52	22.39	23.50
	8	LOW	QPSK	21.50	21.31	21.54	22.50
		MID	QPSK	21.17	**21.60**	21.45	22.50
		HIGH	QPSK	21.29	**21.60**	21.52	22.50
	15	LOW	QPSK	21.22	21.42	**21.52**	22.50
3	1	LOW	Q16	21.69	22.00	21.96	22.50
		MID	Q16	21.70	22.14	22.05	22.50
		HIGH	Q16	21.58	22.05	21.99	22.50
	8	LOW	Q16	20.25	20.40	20.58	21.50
		MID	Q16	20.26	20.57	20.68	21.50
		HIGH	Q16	20.31	20.37	20.60	21.50
	15	LOW	Q16	20.37	20.62	20.36	21.50
3	1	LOW	64QAM	20.95	21.20	20.99	21.50
		MID	64QAM	20.88	20.99	21.09	21.50
		HIGH	64QAM	20.89	21.00	21.08	21.50
	8	LOW	64QAM	19.14	19.40	19.53	20.50
		MID	64QAM	19.32	19.63	19.78	20.50
		HIGH	64QAM	19.33	19.60	19.70	20.50
	15	LOW	64QAM	19.45	19.54	19.59	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.11	22.34	22.43	23.50
		MID	QPSK	22.06	22.14	22.34	23.50
		HIGH	QPSK	22.25	**22.45**	22.28	23.50
	12	LOW	QPSK	21.37	21.31	21.49	22.50
		MID	QPSK	21.28	21.51	21.53	22.50
		HIGH	QPSK	21.23	**21.63**	21.58	22.50
	25	LOW	QPSK	21.22	21.44	**21.67**	22.50
5	1	LOW	Q16	21.73	21.89	22.11	22.50
		MID	Q16	21.59	21.90	21.96	22.50
		HIGH	Q16	21.69	21.96	21.88	22.50
	12	LOW	Q16	20.17	20.58	20.62	21.50
		MID	Q16	20.34	20.59	20.62	21.50
		HIGH	Q16	20.45	20.52	20.66	21.50
	25	LOW	Q16	20.23	20.48	20.57	21.50
5	1	LOW	64QAM	20.76	21.09	21.24	21.50
		MID	64QAM	20.75	20.86	21.19	21.50
		HIGH	64QAM	20.99	21.13	20.87	21.50
	12	LOW	64QAM	19.14	19.36	19.45	20.50
		MID	64QAM	19.52	19.67	19.74	20.50
		HIGH	64QAM	19.33	19.72	19.84	20.50
	25	LOW	64QAM	19.49	19.70	19.53	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.31	22.40	22.32	23.50
		MID	QPSK	22.02	**22.41**	**22.41**	23.50
		HIGH	QPSK	22.38	22.37	22.31	23.50
	25	LOW	QPSK	21.26	21.27	21.49	22.50
		MID	QPSK	21.50	21.51	21.64	22.50
		HIGH	QPSK	21.48	**21.65**	21.43	22.50
	50	LOW	QPSK	21.24	21.27	**21.67**	22.50
10	1	LOW	Q16	21.71	21.72	21.96	22.50
		MID	Q16	21.59	22.07	21.91	22.50
		HIGH	Q16	21.82	21.80	21.75	22.50
	25	LOW	Q16	20.45	20.40	20.44	21.50
		MID	Q16	20.46	20.37	20.41	21.50
		HIGH	Q16	20.29	20.64	20.44	21.50
	50	LOW	Q16	20.45	20.48	20.59	21.50
10	1	LOW	64QAM	20.68	20.96	20.99	21.50
		MID	64QAM	20.94	20.91	21.03	21.50
		HIGH	64QAM	20.95	21.15	20.95	21.50
	25	LOW	64QAM	19.20	19.58	19.61	20.50
		MID	64QAM	19.54	19.71	19.50	20.50
		HIGH	64QAM	19.43	19.64	19.62	20.50
	50	LOW	64QAM	19.59	19.76	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.18	22.42	**22.59**	23.50
		MID	QPSK	22.04	22.19	22.32	23.50
		HIGH	QPSK	22.27	22.23	22.37	23.50
	36	LOW	QPSK	21.48	21.33	21.47	22.50
		MID	QPSK	21.41	21.25	21.40	22.50
		HIGH	QPSK	21.46	21.41	**21.54**	22.50
	75	LOW	QPSK	21.34	**21.50**	21.36	22.50
15	1	LOW	Q16	21.56	21.83	21.78	22.50
		MID	Q16	21.57	21.92	21.89	22.50
		HIGH	Q16	21.78	22.05	21.70	22.50
	36	LOW	Q16	20.31	20.40	20.42	21.50
		MID	Q16	20.38	20.53	20.72	21.50
		HIGH	Q16	20.33	20.60	20.68	21.50
	75	LOW	Q16	20.55	20.54	20.36	21.50
15	1	LOW	64QAM	20.68	21.13	21.05	21.50
		MID	64QAM	20.94	21.09	20.92	21.50
		HIGH	64QAM	20.93	21.22	21.10	21.50
	36	LOW	64QAM	19.45	19.38	19.51	20.50
		MID	64QAM	19.30	19.73	19.52	20.50
		HIGH	64QAM	19.26	19.50	19.86	20.50
	75	LOW	64QAM	19.45	19.64	19.65	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.27	22.38	22.50	23.50
		MID	QPSK	22.24	22.39	**22.52**	23.50
		HIGH	QPSK	22.27	22.41	22.35	23.50
	50	LOW	QPSK	21.39	21.48	21.58	22.50
		MID	QPSK	21.41	21.49	**21.64**	22.50
		HIGH	QPSK	21.44	21.54	21.58	22.50
	100	LOW	QPSK	21.43	21.46	**21.58**	22.50
20	1	LOW	Q16	21.73	21.96	22.00	22.50
		MID	Q16	21.70	22.03	21.98	22.50
		HIGH	Q16	21.71	21.98	21.88	22.50
	50	LOW	Q16	20.35	20.48	20.56	21.50
		MID	Q16	20.42	20.53	20.64	21.50
		HIGH	Q16	20.43	20.58	20.58	21.50
	100	LOW	Q16	20.45	20.52	20.59	21.50
20	1	LOW	64QAM	20.91	21.09	21.22	21.50
		MID	64QAM	20.94	20.99	21.11	21.50
		HIGH	64QAM	20.95	21.11	21.10	21.50
	50	LOW	64QAM	19.35	19.52	19.57	20.50
		MID	64QAM	19.48	19.67	19.70	20.50
		HIGH	64QAM	19.43	19.70	19.82	20.50
	100	LOW	64QAM	19.63	19.72	19.75	20.50

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Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.19	19.53	**19.73**	20.50
		MID	QPSK	19.09	19.33	19.57	20.50
		HIGH	QPSK	19.34	19.52	19.42	20.50
	3	LOW	QPSK	19.42	19.35	19.61	20.50
		MID	QPSK	19.59	19.49	19.43	20.50
		HIGH	QPSK	19.36	**19.74**	19.50	20.50
	6	LOW	QPSK	**19.52**	19.37	19.41	20.50
1.4	1	LOW	Q16	19.35	19.61	19.60	20.50
		MID	Q16	19.26	19.60	19.62	20.50
		HIGH	Q16	19.35	19.67	19.60	20.50
	3	LOW	Q16	19.17	19.68	19.65	20.50
		MID	Q16	19.48	19.66	19.50	20.50
		HIGH	Q16	19.29	19.49	19.40	20.50
	6	LOW	Q16	19.29	19.67	19.56	20.50
1.4	1	LOW	64QAM	19.53	19.55	19.72	20.50
		MID	64QAM	19.21	19.52	19.64	20.50
		HIGH	64QAM	19.04	19.51	19.33	20.50
	3	LOW	64QAM	19.15	19.62	19.41	20.50
		MID	64QAM	19.06	19.36	19.34	20.50
		HIGH	64QAM	19.31	19.61	19.46	20.50
	6	LOW	64QAM	19.55	19.51	19.38	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.19	19.31	**19.73**	20.50
		MID	QPSK	19.40	19.55	19.33	20.50
		HIGH	QPSK	19.26	19.34	19.25	20.50
	8	LOW	QPSK	19.27	19.32	19.49	20.50
		MID	QPSK	19.31	19.43	19.43	20.50
		HIGH	QPSK	19.42	**19.50**	19.46	20.50
	15	LOW	QPSK	19.31	19.49	**19.53**	20.50
3	1	LOW	Q16	19.31	19.67	19.74	20.50
		MID	Q16	19.44	19.84	19.74	20.50
		HIGH	Q16	19.45	19.65	19.42	20.50
	8	LOW	Q16	19.28	19.50	19.45	20.50
		MID	Q16	19.50	19.46	19.52	20.50
		HIGH	Q16	19.18	19.69	19.52	20.50
	15	LOW	Q16	19.55	19.51	19.56	20.50
3	1	LOW	64QAM	19.65	19.69	19.80	20.50
		MID	64QAM	19.44	19.62	19.60	20.50
		HIGH	64QAM	19.29	19.57	19.52	20.50
	8	LOW	64QAM	19.31	19.42	19.20	20.50
		MID	64QAM	19.10	19.48	19.25	20.50
		HIGH	64QAM	19.21	19.79	19.56	20.50
	15	LOW	64QAM	19.33	19.41	19.33	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.41	**19.63**	20.50
		MID	QPSK	19.26	19.29	19.61	20.50
		HIGH	QPSK	19.05	19.33	19.32	20.50
	12	LOW	QPSK	19.42	19.35	19.49	20.50
		MID	QPSK	19.35	19.63	19.41	20.50
		HIGH	QPSK	19.32	**19.68**	19.62	20.50
	25	LOW	QPSK	19.48	19.51	**19.71**	20.50
5	1	LOW	Q16	19.47	19.61	19.80	20.50
		MID	Q16	19.40	19.68	19.58	20.50
		HIGH	Q16	19.33	19.65	19.40	20.50
	12	LOW	Q16	19.19	19.68	19.45	20.50
		MID	Q16	19.34	19.64	19.48	20.50
		HIGH	Q16	19.35	19.69	19.64	20.50
	25	LOW	Q16	19.53	19.47	19.68	20.50
5	1	LOW	64QAM	19.41	19.45	19.60	20.50
		MID	64QAM	19.40	19.70	19.64	20.50
		HIGH	64QAM	19.04	19.45	19.34	20.50
	12	LOW	64QAM	19.25	19.66	19.23	20.50
		MID	64QAM	19.08	19.54	19.52	20.50
		HIGH	64QAM	19.10	19.57	19.46	20.50
	25	LOW	64QAM	19.30	19.35	19.38	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.44	19.33	19.59	20.50
		MID	QPSK	19.13	19.41	**19.65**	20.50
		HIGH	QPSK	19.36	19.36	19.52	20.50
	25	LOW	QPSK	19.40	19.59	19.59	20.50
		MID	QPSK	19.43	19.53	19.41	20.50
		HIGH	QPSK	19.52	**19.66**	19.52	20.50
	50	LOW	QPSK	19.50	**19.61**	19.45	20.50
10	1	LOW	Q16	19.33	19.81	19.72	20.50
		MID	Q16	19.52	19.74	19.52	20.50
		HIGH	Q16	19.39	19.73	19.42	20.50
	25	LOW	Q16	19.26	19.42	19.41	20.50
		MID	Q16	19.25	19.64	19.64	20.50
		HIGH	Q16	19.29	19.65	19.46	20.50
	50	LOW	Q16	19.57	19.39	19.42	20.50
10	1	LOW	64QAM	19.43	19.55	19.54	20.50
		MID	64QAM	19.26	19.48	19.54	20.50
		HIGH	64QAM	19.12	19.67	19.62	20.50
	25	LOW	64QAM	19.25	19.40	19.22	20.50
		MID	64QAM	19.27	19.42	19.40	20.50
		HIGH	64QAM	19.17	19.57	19.48	20.50
	50	LOW	64QAM	19.43	19.49	19.40	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.40	19.35	**19.47**	20.50
		MID	QPSK	19.26	19.26	19.45	20.50
		HIGH	QPSK	19.14	19.40	19.38	20.50
	36	LOW	QPSK	19.25	19.33	19.61	20.50
		MID	QPSK	19.41	19.53	19.45	20.50
		HIGH	QPSK	19.40	**19.68**	19.48	20.50
	75	LOW	QPSK	19.31	19.35	**19.49**	20.50
15	1	LOW	Q16	19.37	19.55	19.72	20.50
		MID	Q16	19.28	19.58	19.74	20.50
		HIGH	Q16	19.35	19.77	19.48	20.50
	36	LOW	Q16	19.21	19.44	19.61	20.50
		MID	Q16	19.40	19.46	19.66	20.50
		HIGH	Q16	19.49	19.45	19.70	20.50
	75	LOW	Q16	19.41	19.63	19.52	20.50
15	1	LOW	64QAM	19.35	19.47	19.76	20.50
		MID	64QAM	19.34	19.64	19.56	20.50
		HIGH	64QAM	19.19	19.61	19.42	20.50
	36	LOW	64QAM	19.27	19.48	19.41	20.50
		MID	64QAM	19.10	19.38	19.44	20.50
		HIGH	64QAM	19.17	19.69	19.56	20.50
	75	LOW	64QAM	19.41	19.45	19.50	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.38	**19.63**	19.47	20.50
		MID	QPSK	19.30	19.55	19.45	20.50
		HIGH	QPSK	19.26	19.44	19.54	20.50
	50	LOW	QPSK	19.44	19.61	19.53	20.50
		MID	QPSK	19.49	**19.63**	19.60	20.50
		HIGH	QPSK	19.46	19.60	19.56	20.50
	100	LOW	QPSK	19.50	**19.61**	19.55	20.50
20	1	LOW	Q16	19.47	19.72	19.75	20.50
		MID	Q16	19.42	19.64	19.78	20.50
		HIGH	Q16	19.37	19.54	19.75	20.50
	50	LOW	Q16	19.38	19.59	19.58	20.50
		MID	Q16	19.46	19.64	19.56	20.50
		HIGH	Q16	19.39	19.60	19.65	20.50
	100	LOW	Q16	19.47	19.64	19.57	20.50
20	1	LOW	64QAM	19.55	19.76	19.67	20.50
		MID	64QAM	19.38	19.64	19.70	20.50
		HIGH	64QAM	19.25	19.54	19.65	20.50
	50	LOW	64QAM	19.21	19.37	19.62	20.50
		MID	64QAM	19.27	19.44	19.52	20.50
		HIGH	64QAM	19.25	19.66	19.71	20.50
	100	LOW	64QAM	19.51	19.54	19.53	20.50

LTE B2-State 15 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.19	19.53	**19.73**	20.50
		MID	QPSK	19.09	19.33	19.57	20.50
		HIGH	QPSK	19.34	19.52	19.42	20.50
	3	LOW	QPSK	19.42	19.35	19.61	20.50
		MID	QPSK	19.59	19.49	19.43	20.50
		HIGH	QPSK	19.36	**19.74**	19.50	20.50
	6	LOW	QPSK	**19.52**	19.37	19.41	20.50
1.4	1	LOW	Q16	19.35	19.61	19.60	20.50
		MID	Q16	19.26	19.60	19.62	20.50
		HIGH	Q16	19.35	19.67	19.60	20.50
	3	LOW	Q16	19.17	19.68	19.65	20.50
		MID	Q16	19.48	19.66	19.50	20.50
		HIGH	Q16	19.29	19.49	19.40	20.50
	6	LOW	Q16	19.29	19.67	19.56	20.50
1.4	1	LOW	64QAM	19.53	19.55	19.72	20.50
		MID	64QAM	19.21	19.52	19.64	20.50
		HIGH	64QAM	19.04	19.51	19.33	20.50
	3	LOW	64QAM	19.15	19.62	19.41	20.50
		MID	64QAM	19.06	19.36	19.34	20.50
		HIGH	64QAM	19.31	19.61	19.46	20.50
	6	LOW	64QAM	19.55	19.51	19.38	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.19	19.31	**19.73**	20.50
		MID	QPSK	19.40	19.55	19.33	20.50
		HIGH	QPSK	19.26	19.34	19.25	20.50
	8	LOW	QPSK	19.27	19.32	19.49	20.50
		MID	QPSK	19.31	19.43	19.43	20.50
		HIGH	QPSK	19.42	**19.50**	19.46	20.50
	15	LOW	QPSK	19.31	19.49	**19.53**	20.50
3	1	LOW	Q16	19.31	19.67	19.74	20.50
		MID	Q16	19.44	19.84	19.74	20.50
		HIGH	Q16	19.45	19.65	19.42	20.50
	8	LOW	Q16	19.28	19.50	19.45	20.50
		MID	Q16	19.50	19.46	19.52	20.50
		HIGH	Q16	19.18	19.69	19.52	20.50
	15	LOW	Q16	19.55	19.51	19.56	20.50
3	1	LOW	64QAM	19.65	19.69	19.80	20.50
		MID	64QAM	19.44	19.62	19.60	20.50
		HIGH	64QAM	19.29	19.57	19.52	20.50
	8	LOW	64QAM	19.31	19.42	19.20	20.50
		MID	64QAM	19.10	19.48	19.25	20.50
		HIGH	64QAM	19.21	19.79	19.56	20.50
	15	LOW	64QAM	19.33	19.41	19.33	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.41	**19.63**	20.50
		MID	QPSK	19.26	19.29	19.61	20.50
		HIGH	QPSK	19.05	19.33	19.32	20.50
	12	LOW	QPSK	19.42	19.35	19.49	20.50
		MID	QPSK	19.35	19.63	19.41	20.50
		HIGH	QPSK	19.32	**19.68**	19.62	20.50
	25	LOW	QPSK	19.48	19.51	**19.71**	20.50
5	1	LOW	Q16	19.47	19.61	19.80	20.50
		MID	Q16	19.40	19.68	19.58	20.50
		HIGH	Q16	19.33	19.65	19.40	20.50
	12	LOW	Q16	19.19	19.68	19.45	20.50
		MID	Q16	19.34	19.64	19.48	20.50
		HIGH	Q16	19.35	19.69	19.64	20.50
	25	LOW	Q16	19.53	19.47	19.68	20.50
5	1	LOW	64QAM	19.41	19.45	19.60	20.50
		MID	64QAM	19.40	19.70	19.64	20.50
		HIGH	64QAM	19.04	19.45	19.34	20.50
	12	LOW	64QAM	19.25	19.66	19.23	20.50
		MID	64QAM	19.08	19.54	19.52	20.50
		HIGH	64QAM	19.10	19.57	19.46	20.50
	25	LOW	64QAM	19.30	19.35	19.38	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.44	19.33	19.59	20.50
		MID	QPSK	19.13	19.41	**19.65**	20.50
		HIGH	QPSK	19.36	19.36	19.52	20.50
	25	LOW	QPSK	19.40	19.59	19.59	20.50
		MID	QPSK	19.43	19.53	19.41	20.50
		HIGH	QPSK	19.52	**19.66**	19.52	20.50
	50	LOW	QPSK	19.50	**19.61**	19.45	20.50
10	1	LOW	Q16	19.33	19.81	19.72	20.50
		MID	Q16	19.52	19.74	19.52	20.50
		HIGH	Q16	19.39	19.73	19.42	20.50
	25	LOW	Q16	19.26	19.42	19.41	20.50
		MID	Q16	19.25	19.64	19.64	20.50
		HIGH	Q16	19.29	19.65	19.46	20.50
	50	LOW	Q16	19.57	19.39	19.42	20.50
10	1	LOW	64QAM	19.43	19.55	19.54	20.50
		MID	64QAM	19.26	19.48	19.54	20.50
		HIGH	64QAM	19.12	19.67	19.62	20.50
	25	LOW	64QAM	19.25	19.40	19.22	20.50
		MID	64QAM	19.27	19.42	19.40	20.50
		HIGH	64QAM	19.17	19.57	19.48	20.50
	50	LOW	64QAM	19.43	19.49	19.40	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.40	19.35	**19.47**	20.50
		MID	QPSK	19.26	19.26	19.45	20.50
		HIGH	QPSK	19.14	19.40	19.38	20.50
	36	LOW	QPSK	19.25	19.33	19.61	20.50
		MID	QPSK	19.41	19.53	19.45	20.50
		HIGH	QPSK	19.40	**19.68**	19.48	20.50
	75	LOW	QPSK	19.31	19.35	**19.49**	20.50
15	1	LOW	Q16	19.37	19.55	19.72	20.50
		MID	Q16	19.28	19.58	19.74	20.50
		HIGH	Q16	19.35	19.77	19.48	20.50
	36	LOW	Q16	19.21	19.44	19.61	20.50
		MID	Q16	19.40	19.46	19.66	20.50
		HIGH	Q16	19.49	19.45	19.70	20.50
	75	LOW	Q16	19.41	19.63	19.52	20.50
15	1	LOW	64QAM	19.35	19.47	19.76	20.50
		MID	64QAM	19.34	19.64	19.56	20.50
		HIGH	64QAM	19.19	19.61	19.42	20.50
	36	LOW	64QAM	19.27	19.48	19.41	20.50
		MID	64QAM	19.10	19.38	19.44	20.50
		HIGH	64QAM	19.17	19.69	19.56	20.50
	75	LOW	64QAM	19.41	19.45	19.50	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	19.38	**19.63**	19.47	20.50
		MID	QPSK	19.30	19.55	19.45	20.50
		HIGH	QPSK	19.26	19.44	19.54	20.50
	50	LOW	QPSK	19.44	19.61	19.53	20.50
		MID	QPSK	19.49	**19.63**	19.60	20.50
		HIGH	QPSK	19.46	19.60	19.56	20.50
	100	LOW	QPSK	19.50	**19.61**	19.55	20.50
20	1	LOW	Q16	19.47	19.72	19.75	20.50
		MID	Q16	19.42	19.64	19.78	20.50
		HIGH	Q16	19.37	19.54	19.75	20.50
	50	LOW	Q16	19.38	19.59	19.58	20.50
		MID	Q16	19.46	19.64	19.56	20.50
		HIGH	Q16	19.39	19.60	19.65	20.50
	100	LOW	Q16	19.47	19.64	19.57	20.50
20	1	LOW	64QAM	19.55	19.76	19.67	20.50
		MID	64QAM	19.38	19.64	19.70	20.50
		HIGH	64QAM	19.25	19.54	19.65	20.50
	50	LOW	64QAM	19.21	19.37	19.62	20.50
		MID	64QAM	19.27	19.44	19.52	20.50
		HIGH	64QAM	19.25	19.66	19.71	20.50
	100	LOW	64QAM	19.51	19.54	19.53	20.50

LTE B2-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.53	18.64	18.29	19.50
		MID	QPSK	18.41	18.38	18.55	19.50
		HIGH	QPSK	18.41	**18.67**	18.26	19.50
	3	LOW	QPSK	18.72	18.56	18.70	19.50
		MID	QPSK	18.61	18.49	18.69	19.50
		HIGH	QPSK	18.58	**18.78**	18.54	19.50
	6	LOW	QPSK	18.64	**18.71**	18.51	19.50
1.4	1	LOW	Q16	19.01	18.77	18.67	19.50
		MID	Q16	18.81	18.71	18.67	19.50
		HIGH	Q16	18.77	18.79	18.50	19.50
	3	LOW	Q16	18.48	18.56	18.62	19.50
		MID	Q16	18.60	18.60	18.68	19.50
		HIGH	Q16	18.63	18.65	18.69	19.50
	6	LOW	Q16	18.69	18.64	18.60	19.50
1.4	1	LOW	64QAM	18.64	18.86	18.41	19.50
		MID	64QAM	18.84	18.77	18.83	19.50
		HIGH	64QAM	18.76	18.61	18.63	19.50
	3	LOW	64QAM	18.58	18.71	18.67	19.50
		MID	64QAM	18.66	18.53	18.54	19.50
		HIGH	64QAM	18.77	18.50	18.61	19.50
	6	LOW	64QAM	18.51	18.53	18.65	19.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.40	18.51	18.32	19.50
		MID	QPSK	18.37	18.67	18.28	19.50
		HIGH	QPSK	18.67	**18.69**	18.22	19.50
	8	LOW	QPSK	18.63	18.66	18.55	19.50
		MID	QPSK	18.65	18.45	18.75	19.50
		HIGH	QPSK	18.73	**18.78**	18.48	19.50
	15	LOW	QPSK	18.52	**18.71**	18.61	19.50
3	1	LOW	Q16	18.74	18.92	18.60	19.50
		MID	Q16	18.71	18.85	18.65	19.50
		HIGH	Q16	18.81	18.81	18.58	19.50
	8	LOW	Q16	18.59	18.46	18.43	19.50
		MID	Q16	18.60	18.57	18.68	19.50
		HIGH	Q16	18.59	18.80	18.61	19.50
	15	LOW	Q16	18.56	18.77	18.63	19.50
3	1	LOW	64QAM	18.83	18.60	18.62	19.50
		MID	64QAM	18.70	18.62	18.75	19.50
		HIGH	64QAM	18.83	18.65	18.66	19.50
	8	LOW	64QAM	18.60	18.88	18.60	19.50
		MID	64QAM	18.83	18.50	18.75	19.50
		HIGH	64QAM	18.83	18.58	18.72	19.50
	15	LOW	64QAM	18.66	18.51	18.82	19.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.47	**18.66**	18.53	19.50
		MID	QPSK	18.37	18.49	18.39	19.50
		HIGH	QPSK	18.45	18.56	18.30	19.50
	12	LOW	QPSK	18.43	18.45	18.59	19.50
		MID	QPSK	18.72	18.68	18.67	19.50
		HIGH	QPSK	**18.73**	18.67	18.62	19.50
	25	LOW	QPSK	**18.78**	18.60	18.63	19.50
5	1	LOW	Q16	18.84	18.90	18.64	19.50
		MID	Q16	18.87	18.91	18.67	19.50
		HIGH	Q16	18.80	18.81	18.60	19.50
	12	LOW	Q16	18.44	18.52	18.49	19.50
		MID	Q16	18.73	18.68	18.70	19.50
		HIGH	Q16	18.78	18.65	18.58	19.50
	25	LOW	Q16	18.73	18.47	18.78	19.50
5	1	LOW	64QAM	18.68	18.81	18.62	19.50
		MID	64QAM	18.85	18.75	18.60	19.50
		HIGH	64QAM	18.80	18.65	18.66	19.50
	12	LOW	64QAM	18.49	18.85	18.71	19.50
		MID	64QAM	18.91	18.66	18.67	19.50
		HIGH	64QAM	18.89	18.78	18.81	19.50
	25	LOW	64QAM	18.58	18.58	18.80	19.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.42	18.37	18.49	19.50
		MID	QPSK	18.37	18.38	18.41	19.50
		HIGH	QPSK	18.51	**18.56**	18.24	19.50
	25	LOW	QPSK	**18.70**	18.69	18.46	19.50
		MID	QPSK	18.65	18.43	18.54	19.50
		HIGH	QPSK	18.67	18.53	18.69	19.50
	50	LOW	QPSK	18.50	**18.66**	18.53	19.50
10	1	LOW	Q16	18.76	18.70	18.56	19.50
		MID	Q16	18.86	18.81	18.63	19.50
		HIGH	Q16	18.88	18.77	18.62	19.50
	25	LOW	Q16	18.58	18.52	18.63	19.50
		MID	Q16	18.69	18.60	18.66	19.50
		HIGH	Q16	18.81	18.53	18.48	19.50
	50	LOW	Q16	18.73	18.77	18.62	19.50
10	1	LOW	64QAM	18.74	18.77	18.54	19.50
		MID	64QAM	18.73	18.75	18.69	19.50
		HIGH	64QAM	18.91	18.59	18.46	19.50
	25	LOW	64QAM	18.43	18.85	18.50	19.50
		MID	64QAM	18.66	18.44	18.78	19.50
		HIGH	64QAM	18.76	18.76	18.79	19.50
	50	LOW	64QAM	18.67	18.53	18.84	19.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.59	**18.66**	18.55	19.50
		MID	QPSK	18.52	18.51	18.41	19.50
		HIGH	QPSK	18.60	18.52	18.37	19.50
	36	LOW	QPSK	18.43	18.55	18.46	19.50
		MID	QPSK	18.72	18.66	18.56	19.50
		HIGH	QPSK	18.73	**18.83**	18.48	19.50
	75	LOW	QPSK	**18.71**	18.51	18.53	19.50
15	1	LOW	Q16	18.89	18.71	18.79	19.50
		MID	Q16	18.83	18.80	18.82	19.50
		HIGH	Q16	18.83	18.83	18.67	19.50
	36	LOW	Q16	18.52	18.71	18.43	19.50
		MID	Q16	18.71	18.49	18.51	19.50
		HIGH	Q16	18.59	18.65	18.71	19.50
	75	LOW	Q16	18.77	18.59	18.78	19.50
15	1	LOW	64QAM	18.93	18.81	18.45	19.50
		MID	64QAM	18.78	18.72	18.83	19.50
		HIGH	64QAM	18.99	18.69	18.57	19.50
	36	LOW	64QAM	18.37	18.66	18.71	19.50
		MID	64QAM	18.91	18.55	18.50	19.50
		HIGH	64QAM	18.91	18.50	18.51	19.50
	75	LOW	64QAM	18.51	18.56	18.87	19.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.53	18.57	18.49	19.50
		MID	QPSK	18.56	18.58	18.48	19.50
		HIGH	QPSK	18.60	**18.63**	18.39	19.50
	50	LOW	QPSK	18.63	18.62	18.61	19.50
		MID	QPSK	18.72	18.64	18.69	19.50
		HIGH	QPSK	18.73	**18.74**	18.69	19.50
	100	LOW	QPSK	**18.71**	18.64	18.70	19.50
20	1	LOW	Q16	18.95	18.88	18.73	19.50
		MID	Q16	18.95	18.89	18.76	19.50
		HIGH	Q16	18.94	18.92	18.71	19.50
	50	LOW	Q16	18.65	18.65	18.56	19.50
		MID	Q16	18.73	18.66	18.66	19.50
		HIGH	Q16	18.74	18.74	18.67	19.50
	100	LOW	Q16	18.73	18.68	18.69	19.50
20	1	LOW	64QAM	18.85	18.77	18.60	19.50
		MID	64QAM	18.99	18.81	18.75	19.50
		HIGH	64QAM	18.91	18.80	18.59	19.50
	50	LOW	64QAM	18.56	18.79	18.71	19.50
		MID	64QAM	18.87	18.59	18.71	19.50
		HIGH	64QAM	18.85	18.69	18.72	19.50
	100	LOW	64QAM	18.60	18.62	18.78	19.50

LTE B2-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.53	18.64	18.29	19.50
		MID	QPSK	18.41	18.38	18.55	19.50
		HIGH	QPSK	18.41	**18.67**	18.26	19.50
	3	LOW	QPSK	18.72	18.56	18.70	19.50
		MID	QPSK	18.61	18.49	18.69	19.50
		HIGH	QPSK	18.58	**18.78**	18.54	19.50
	6	LOW	QPSK	18.64	**18.71**	18.51	19.50
1.4	1	LOW	Q16	19.01	18.77	18.67	19.50
		MID	Q16	18.81	18.71	18.67	19.50
		HIGH	Q16	18.77	18.79	18.50	19.50
	3	LOW	Q16	18.48	18.56	18.62	19.50
		MID	Q16	18.60	18.60	18.68	19.50
		HIGH	Q16	18.63	18.65	18.69	19.50
	6	LOW	Q16	18.69	18.64	18.60	19.50
1.4	1	LOW	64QAM	18.64	18.86	18.41	19.50
		MID	64QAM	18.84	18.77	18.83	19.50
		HIGH	64QAM	18.76	18.61	18.63	19.50
	3	LOW	64QAM	18.58	18.71	18.67	19.50
		MID	64QAM	18.66	18.53	18.54	19.50
		HIGH	64QAM	18.77	18.50	18.61	19.50
	6	LOW	64QAM	18.51	18.53	18.65	19.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	18.40	18.51	18.32	19.50
		MID	QPSK	18.37	18.67	18.28	19.50
		HIGH	QPSK	18.67	**18.69**	18.22	19.50
	8	LOW	QPSK	18.63	18.66	18.55	19.50
		MID	QPSK	18.65	18.45	18.75	19.50
		HIGH	QPSK	18.73	**18.78**	18.48	19.50
	15	LOW	QPSK	18.52	**18.71**	18.61	19.50
3	1	LOW	Q16	18.74	18.92	18.60	19.50
		MID	Q16	18.71	18.85	18.65	19.50
		HIGH	Q16	18.81	18.81	18.58	19.50
	8	LOW	Q16	18.59	18.46	18.43	19.50
		MID	Q16	18.60	18.57	18.68	19.50
		HIGH	Q16	18.59	18.80	18.61	19.50
	15	LOW	Q16	18.56	18.77	18.63	19.50
3	1	LOW	64QAM	18.83	18.60	18.62	19.50
		MID	64QAM	18.70	18.62	18.75	19.50
		HIGH	64QAM	18.83	18.65	18.66	19.50
	8	LOW	64QAM	18.60	18.88	18.60	19.50
		MID	64QAM	18.83	18.50	18.75	19.50
		HIGH	64QAM	18.83	18.58	18.72	19.50
	15	LOW	64QAM	18.66	18.51	18.82	19.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	18.47	**18.66**	18.53	19.50
		MID	QPSK	18.37	18.49	18.39	19.50
		HIGH	QPSK	18.45	18.56	18.30	19.50
	12	LOW	QPSK	18.43	18.45	18.59	19.50
		MID	QPSK	18.72	18.68	18.67	19.50
		HIGH	QPSK	**18.73**	18.67	18.62	19.50
	25	LOW	QPSK	**18.78**	18.60	18.63	19.50
5	1	LOW	Q16	18.84	18.90	18.64	19.50
		MID	Q16	18.87	18.91	18.67	19.50
		HIGH	Q16	18.80	18.81	18.60	19.50
	12	LOW	Q16	18.44	18.52	18.49	19.50
		MID	Q16	18.73	18.68	18.70	19.50
		HIGH	Q16	18.78	18.65	18.58	19.50
	25	LOW	Q16	18.73	18.47	18.78	19.50
5	1	LOW	64QAM	18.68	18.81	18.62	19.50
		MID	64QAM	18.85	18.75	18.60	19.50
		HIGH	64QAM	18.80	18.65	18.66	19.50
	12	LOW	64QAM	18.49	18.85	18.71	19.50
		MID	64QAM	18.91	18.66	18.67	19.50
		HIGH	64QAM	18.89	18.78	18.81	19.50
	25	LOW	64QAM	18.58	18.58	18.80	19.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.42	18.37	18.49	19.50
		MID	QPSK	18.37	18.38	18.41	19.50
		HIGH	QPSK	18.51	**18.56**	18.24	19.50
	25	LOW	QPSK	**18.70**	18.69	18.46	19.50
		MID	QPSK	18.65	18.43	18.54	19.50
		HIGH	QPSK	18.67	18.53	18.69	19.50
	50	LOW	QPSK	18.50	**18.66**	18.53	19.50
10	1	LOW	Q16	18.76	18.70	18.56	19.50
		MID	Q16	18.86	18.81	18.63	19.50
		HIGH	Q16	18.88	18.77	18.62	19.50
	25	LOW	Q16	18.58	18.52	18.63	19.50
		MID	Q16	18.69	18.60	18.66	19.50
		HIGH	Q16	18.81	18.53	18.48	19.50
	50	LOW	Q16	18.73	18.77	18.62	19.50
10	1	LOW	64QAM	18.74	18.77	18.54	19.50
		MID	64QAM	18.73	18.75	18.69	19.50
		HIGH	64QAM	18.91	18.59	18.46	19.50
	25	LOW	64QAM	18.43	18.85	18.50	19.50
		MID	64QAM	18.66	18.44	18.78	19.50
		HIGH	64QAM	18.76	18.76	18.79	19.50
	50	LOW	64QAM	18.67	18.53	18.84	19.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	18.59	**18.66**	18.55	19.50
		MID	QPSK	18.52	18.51	18.41	19.50
		HIGH	QPSK	18.60	18.52	18.37	19.50
	36	LOW	QPSK	18.43	18.55	18.46	19.50
		MID	QPSK	18.72	18.66	18.56	19.50
		HIGH	QPSK	18.73	**18.83**	18.48	19.50
	75	LOW	QPSK	**18.71**	18.51	18.53	19.50
15	1	LOW	Q16	18.89	18.71	18.79	19.50
		MID	Q16	18.83	18.80	18.82	19.50
		HIGH	Q16	18.83	18.83	18.67	19.50
	36	LOW	Q16	18.52	18.71	18.43	19.50
		MID	Q16	18.71	18.49	18.51	19.50
		HIGH	Q16	18.59	18.65	18.71	19.50
	75	LOW	Q16	18.77	18.59	18.78	19.50
15	1	LOW	64QAM	18.93	18.81	18.45	19.50
		MID	64QAM	18.78	18.72	18.83	19.50
		HIGH	64QAM	18.99	18.69	18.57	19.50
	36	LOW	64QAM	18.37	18.66	18.71	19.50
		MID	64QAM	18.91	18.55	18.50	19.50
		HIGH	64QAM	18.91	18.50	18.51	19.50
	75	LOW	64QAM	18.51	18.56	18.87	19.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	18.53	18.57	18.49	19.50
		MID	QPSK	18.56	18.58	18.48	19.50
		HIGH	QPSK	18.60	**18.63**	18.39	19.50
	50	LOW	QPSK	18.63	18.62	18.61	19.50
		MID	QPSK	18.72	18.64	18.69	19.50
		HIGH	QPSK	18.73	**18.74**	18.69	19.50
	100	LOW	QPSK	**18.71**	18.64	18.70	19.50
20	1	LOW	Q16	18.95	18.88	18.73	19.50
		MID	Q16	18.95	18.89	18.76	19.50
		HIGH	Q16	18.94	18.92	18.71	19.50
	50	LOW	Q16	18.65	18.65	18.56	19.50
		MID	Q16	18.73	18.66	18.66	19.50
		HIGH	Q16	18.74	18.74	18.67	19.50
	100	LOW	Q16	18.73	18.68	18.69	19.50
20	1	LOW	64QAM	18.85	18.77	18.60	19.50
		MID	64QAM	18.99	18.81	18.75	19.50
		HIGH	64QAM	18.91	18.80	18.59	19.50
	50	LOW	64QAM	18.56	18.79	18.71	19.50
		MID	64QAM	18.87	18.59	18.71	19.50
		HIGH	64QAM	18.85	18.69	18.72	19.50
	100	LOW	64QAM	18.60	18.62	18.78	19.50

LTE B2-State 12 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.68	20.65	20.57	22.50
		MID	QPSK	20.60	20.61	20.73	22.50
		HIGH	QPSK	20.54	20.70	20.57	22.50
	3	LOW	QPSK	20.69	20.63	20.67	22.50
		MID	QPSK	20.58	20.86	20.55	22.50
		HIGH	QPSK	20.61	20.65	20.57	22.50
	6	LOW	QPSK	20.67	20.64	20.52	22.50
1.4	1	LOW	Q16	20.79	20.62	20.60	22.50
		MID	Q16	20.74	20.61	20.70	22.50
		HIGH	Q16	20.59	20.70	20.64	22.50
	3	LOW	Q16	20.77	20.68	20.66	22.50
		MID	Q16	20.64	20.71	20.74	22.50
		HIGH	Q16	20.53	20.80	20.72	22.50
	6	LOW	Q16	19.55	19.67	19.53	21.50
1.4	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.63	19.63	19.57	21.50
		HIGH	64QAM	19.81	19.60	19.62	21.50
	3	LOW	64QAM	19.82	19.76	19.66	21.50
		MID	64QAM	19.69	19.71	19.59	21.50
		HIGH	64QAM	19.85	19.64	19.58	21.50
	6	LOW	64QAM	18.68	18.59	18.57	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.58	20.61	20.55	22.50
		MID	QPSK	20.54	20.67	20.71	22.50
		HIGH	QPSK	20.64	20.68	20.62	22.50
	8	LOW	QPSK	20.55	20.77	20.75	22.50
		MID	QPSK	20.56	20.88	20.51	22.50
		HIGH	QPSK	20.55	20.61	20.61	22.50
	15	LOW	QPSK	20.62	20.65	20.66	22.50
3	1	LOW	Q16	20.75	20.76	20.64	22.50
		MID	Q16	20.64	20.53	20.66	22.50
		HIGH	Q16	20.67	20.58	20.60	22.50
	8	LOW	Q16	19.57	19.69	19.61	21.50
		MID	Q16	19.53	19.63	19.59	21.50
		HIGH	Q16	19.81	19.71	19.79	21.50
	15	LOW	Q16	19.63	19.65	19.61	21.50
3	1	LOW	64QAM	19.76	19.74	19.64	21.50
		MID	64QAM	19.53	19.63	19.57	21.50
		HIGH	64QAM	19.75	19.66	19.54	21.50
	8	LOW	64QAM	18.64	18.51	18.53	20.50
		MID	64QAM	18.52	18.69	18.66	20.50
		HIGH	64QAM	18.62	18.65	18.69	20.50
	15	LOW	64QAM	18.55	18.62	18.70	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.58	20.51	20.65	22.50
		MID	QPSK	20.62	20.61	20.73	22.50
		HIGH	QPSK	20.64	20.68	20.65	22.50
	12	LOW	QPSK	20.67	20.77	20.85	22.50
		MID	QPSK	20.54	20.76	20.65	22.50
		HIGH	QPSK	20.77	20.61	20.59	22.50
	25	LOW	QPSK	20.62	20.77	20.79	22.50
5	1	LOW	Q16	20.69	20.60	20.62	22.50
		MID	Q16	20.56	20.55	20.93	22.50
		HIGH	Q16	20.55	20.52	20.62	22.50
	12	LOW	Q16	19.53	19.75	19.69	21.50
		MID	Q16	19.69	19.51	19.71	21.50
		HIGH	Q16	19.75	19.65	19.75	21.50
	25	LOW	Q16	19.51	19.73	19.63	21.50
5	1	LOW	64QAM	19.54	19.70	19.62	21.50
		MID	64QAM	19.63	19.57	19.83	21.50
		HIGH	64QAM	19.59	19.68	19.58	21.50
	12	LOW	64QAM	18.68	18.68	18.64	20.50
		MID	64QAM	18.56	18.73	18.65	20.50
		HIGH	64QAM	18.56	18.56	18.70	20.50
	25	LOW	64QAM	18.58	18.61	18.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.58	20.57	20.53	22.50
		MID	QPSK	20.58	20.51	20.65	22.50
		HIGH	QPSK	20.58	20.62	20.61	22.50
	25	LOW	QPSK	20.65	20.71	20.77	22.50
		MID	QPSK	20.57	20.82	20.63	22.50
		HIGH	QPSK	20.67	20.55	20.55	22.50
	50	LOW	QPSK	20.65	20.67	20.69	22.50
10	1	LOW	Q16	20.69	20.70	20.58	22.50
		MID	Q16	20.64	20.51	20.85	22.50
		HIGH	Q16	20.51	20.58	20.54	22.50
	25	LOW	Q16	19.51	19.73	19.69	21.50
		MID	Q16	19.65	19.61	19.61	21.50
		HIGH	Q16	19.77	19.61	19.77	21.50
	50	LOW	Q16	19.51	19.65	19.59	21.50
10	1	LOW	64QAM	19.74	19.82	19.60	21.50
		MID	64QAM	19.69	19.57	19.79	21.50
		HIGH	64QAM	19.71	19.56	19.58	21.50
	25	LOW	64QAM	18.55	18.57	18.57	20.50
		MID	64QAM	18.58	18.64	18.52	20.50
		HIGH	64QAM	18.69	18.67	18.66	20.50
	50	LOW	64QAM	18.55	18.55	18.57	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.52	20.53	20.57	22.50
		MID	QPSK	20.52	20.59	20.68	22.50
		HIGH	QPSK	20.70	20.63	20.59	22.50
	36	LOW	QPSK	20.71	20.61	20.67	22.50
		MID	QPSK	20.67	20.80	20.55	22.50
		HIGH	QPSK	20.55	20.53	20.63	22.50
	75	LOW	QPSK	20.61	20.55	20.71	22.50
15	1	LOW	Q16	20.57	20.69	20.61	22.50
		MID	Q16	20.56	20.63	20.75	22.50
		HIGH	Q16	20.59	20.57	20.55	22.50
	36	LOW	Q16	19.71	19.73	19.59	21.50
		MID	Q16	19.63	19.53	19.55	21.50
		HIGH	Q16	19.79	19.53	19.73	21.50
	75	LOW	Q16	19.73	19.65	19.51	21.50
15	1	LOW	64QAM	19.68	19.76	19.52	21.50
		MID	64QAM	19.63	19.71	19.69	21.50
		HIGH	64QAM	19.67	19.56	19.56	21.50
	36	LOW	64QAM	18.68	18.63	18.68	20.50
		MID	64QAM	18.62	18.65	18.58	20.50
		HIGH	64QAM	18.68	18.58	18.68	20.50
	75	LOW	64QAM	18.55	18.70	18.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.65	20.65	20.52	22.50
		MID	QPSK	20.58	20.60	20.55	22.50
		HIGH	QPSK	20.56	**20.66**	20.60	22.50
	50	LOW	QPSK	20.65	20.66	20.55	22.50
		MID	QPSK	20.60	20.68	20.66	22.50
		HIGH	QPSK	20.67	**20.77**	20.69	22.50
	100	LOW	QPSK	**20.74**	20.70	20.72	22.50
20	1	LOW	Q16	20.69	20.68	20.67	22.50
		MID	Q16	20.70	20.60	20.66	22.50
		HIGH	Q16	20.61	20.65	20.71	22.50
	50	LOW	Q16	19.69	19.65	19.59	21.50
		MID	Q16	19.67	19.63	19.67	21.50
		HIGH	Q16	19.67	19.53	19.67	21.50
	100	LOW	Q16	19.63	19.65	19.63	21.50
20	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.67	19.57	19.57	21.50
		HIGH	64QAM	19.51	19.52	19.56	21.50
	50	LOW	64QAM	18.87	18.79	18.83	20.50
		MID	64QAM	18.54	18.60	18.56	20.50
		HIGH	64QAM	18.64	18.55	18.58	20.50
	100	LOW	64QAM	18.67	18.51	18.69	20.50

LTE B2-State 16 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.68	20.65	20.57	22.00
		MID	QPSK	20.60	20.61	20.73	22.00
		HIGH	QPSK	20.54	20.70	20.57	22.00
	3	LOW	QPSK	20.69	20.63	20.67	22.00
		MID	QPSK	20.58	20.86	20.55	22.00
		HIGH	QPSK	20.61	20.65	20.57	22.00
	6	LOW	QPSK	20.67	20.64	20.52	22.00
1.4	1	LOW	Q16	20.79	20.62	20.60	22.00
		MID	Q16	20.74	20.61	20.70	22.00
		HIGH	Q16	20.59	20.70	20.64	22.00
	3	LOW	Q16	20.77	20.68	20.66	21.50
		MID	Q16	20.64	20.71	20.74	21.50
		HIGH	Q16	20.53	20.80	20.72	21.50
	6	LOW	Q16	19.55	19.67	19.53	21.50
1.4	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.63	19.63	19.57	21.50
		HIGH	64QAM	19.81	19.60	19.62	21.50
	3	LOW	64QAM	19.82	19.76	19.66	20.50
		MID	64QAM	19.69	19.71	19.59	20.50
		HIGH	64QAM	19.85	19.64	19.58	20.50
	6	LOW	64QAM	18.68	18.59	18.57	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.58	20.61	20.55	22.00
		MID	QPSK	20.54	20.67	20.71	22.00
		HIGH	QPSK	20.64	20.68	20.62	22.00
	8	LOW	QPSK	20.55	20.77	20.75	22.00
		MID	QPSK	20.56	20.88	20.51	22.00
		HIGH	QPSK	20.55	20.61	20.61	22.00
	15	LOW	QPSK	20.62	20.65	20.66	22.00
3	1	LOW	Q16	20.75	20.76	20.64	22.00
		MID	Q16	20.64	20.53	20.66	22.00
		HIGH	Q16	20.67	20.58	20.60	22.00
	8	LOW	Q16	19.57	19.69	19.61	21.50
		MID	Q16	19.53	19.63	19.59	21.50
		HIGH	Q16	19.81	19.71	19.79	21.50
	15	LOW	Q16	19.63	19.65	19.61	21.50
3	1	LOW	64QAM	19.76	19.74	19.64	21.50
		MID	64QAM	19.53	19.63	19.57	21.50
		HIGH	64QAM	19.75	19.66	19.54	21.50
	8	LOW	64QAM	18.64	18.51	18.53	20.50
		MID	64QAM	18.52	18.69	18.66	20.50
		HIGH	64QAM	18.62	18.65	18.69	20.50
	15	LOW	64QAM	18.55	18.62	18.70	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.58	20.51	20.65	22.00
		MID	QPSK	20.62	20.61	20.73	22.00
		HIGH	QPSK	20.64	20.68	20.65	22.00
	12	LOW	QPSK	20.67	20.77	20.85	22.00
		MID	QPSK	20.54	20.76	20.65	22.00
		HIGH	QPSK	20.77	20.61	20.59	22.00
	25	LOW	QPSK	20.62	20.77	20.79	22.00
5	1	LOW	Q16	20.69	20.60	20.62	22.00
		MID	Q16	20.56	20.55	20.93	22.00
		HIGH	Q16	20.55	20.52	20.62	22.00
	12	LOW	Q16	19.53	19.75	19.69	21.50
		MID	Q16	19.69	19.51	19.71	21.50
		HIGH	Q16	19.75	19.65	19.75	21.50
	25	LOW	Q16	19.51	19.73	19.63	21.50
5	1	LOW	64QAM	19.54	19.70	19.62	21.50
		MID	64QAM	19.63	19.57	19.83	21.50
		HIGH	64QAM	19.59	19.68	19.58	21.50
	12	LOW	64QAM	18.68	18.68	18.64	20.50
		MID	64QAM	18.56	18.73	18.65	20.50
		HIGH	64QAM	18.56	18.56	18.70	20.50
	25	LOW	64QAM	18.58	18.61	18.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.58	20.57	20.53	22.00
		MID	QPSK	20.58	20.51	20.65	22.00
		HIGH	QPSK	20.58	20.62	20.61	22.00
	25	LOW	QPSK	20.65	20.71	20.77	22.00
		MID	QPSK	20.57	20.82	20.63	22.00
		HIGH	QPSK	20.67	20.55	20.55	22.00
	50	LOW	QPSK	20.65	20.67	20.69	22.00
10	1	LOW	Q16	20.69	20.70	20.58	22.00
		MID	Q16	20.64	20.51	20.85	22.00
		HIGH	Q16	20.51	20.58	20.54	22.00
	25	LOW	Q16	19.51	19.73	19.69	21.50
		MID	Q16	19.65	19.61	19.61	21.50
		HIGH	Q16	19.77	19.61	19.77	21.50
	50	LOW	Q16	19.51	19.65	19.59	21.50
10	1	LOW	64QAM	19.74	19.82	19.60	21.50
		MID	64QAM	19.69	19.57	19.79	21.50
		HIGH	64QAM	19.71	19.56	19.58	21.50
	25	LOW	64QAM	18.55	18.57	18.57	20.50
		MID	64QAM	18.58	18.64	18.52	20.50
		HIGH	64QAM	18.69	18.67	18.66	20.50
	50	LOW	64QAM	18.55	18.55	18.57	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.52	20.53	20.57	22.00
		MID	QPSK	20.52	20.59	20.68	22.00
		HIGH	QPSK	20.70	20.63	20.59	22.00
	36	LOW	QPSK	20.71	20.61	20.67	22.00
		MID	QPSK	20.67	20.80	20.55	22.00
		HIGH	QPSK	20.55	20.53	20.63	22.00
	75	LOW	QPSK	20.61	20.55	20.71	22.00
15	1	LOW	Q16	20.57	20.69	20.61	22.00
		MID	Q16	20.56	20.63	20.75	22.00
		HIGH	Q16	20.59	20.57	20.55	22.00
	36	LOW	Q16	19.71	19.73	19.59	21.50
		MID	Q16	19.63	19.53	19.55	21.50
		HIGH	Q16	19.79	19.53	19.73	21.50
	75	LOW	Q16	19.73	19.65	19.51	21.50
15	1	LOW	64QAM	19.68	19.76	19.52	21.50
		MID	64QAM	19.63	19.71	19.69	21.50
		HIGH	64QAM	19.67	19.56	19.56	21.50
	36	LOW	64QAM	18.68	18.63	18.68	20.50
		MID	64QAM	18.62	18.65	18.58	20.50
		HIGH	64QAM	18.68	18.58	18.68	20.50
	75	LOW	64QAM	18.55	18.70	18.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.65	20.65	20.52	22.00
		MID	QPSK	20.58	20.60	20.55	22.00
		HIGH	QPSK	20.56	**20.66**	20.60	22.00
	50	LOW	QPSK	20.65	20.66	20.55	22.00
		MID	QPSK	20.60	20.68	20.66	22.00
		HIGH	QPSK	20.67	**20.77**	20.69	22.00
	100	LOW	QPSK	**20.74**	20.70	20.72	22.00
20	1	LOW	Q16	20.69	20.68	20.67	22.00
		MID	Q16	20.70	20.60	20.66	22.00
		HIGH	Q16	20.61	20.65	20.71	22.00
	50	LOW	Q16	19.69	19.65	19.59	21.50
		MID	Q16	19.67	19.63	19.67	21.50
		HIGH	Q16	19.67	19.53	19.67	21.50
	100	LOW	Q16	19.63	19.65	19.63	21.50
20	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.67	19.57	19.57	21.50
		HIGH	64QAM	19.51	19.52	19.56	21.50
	50	LOW	64QAM	18.87	18.79	18.83	20.50
		MID	64QAM	18.54	18.60	18.56	20.50
		HIGH	64QAM	18.64	18.55	18.58	20.50
	100	LOW	64QAM	18.67	18.51	18.69	20.50

LTE B2-State 18 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.68	20.65	20.57	21.50
		MID	QPSK	20.60	20.61	**20.73**	21.50
		HIGH	QPSK	20.54	20.70	20.57	21.50
	3	LOW	QPSK	20.69	20.63	20.67	21.50
		MID	QPSK	20.58	**20.86**	20.55	21.50
		HIGH	QPSK	20.61	20.65	20.57	21.50
	6	LOW	QPSK	**20.67**	20.64	20.52	21.50
1.4	1	LOW	Q16	20.79	20.62	20.60	21.50
		MID	Q16	20.74	20.61	20.70	21.50
		HIGH	Q16	20.59	20.70	20.64	21.50
	3	LOW	Q16	20.77	20.68	20.66	21.50
		MID	Q16	20.64	20.71	20.74	21.50
		HIGH	Q16	20.53	20.80	20.72	21.50
	6	LOW	Q16	19.55	19.67	19.53	21.50
1.4	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.63	19.63	19.57	21.50
		HIGH	64QAM	19.81	19.60	19.62	21.50
	3	LOW	64QAM	19.82	19.76	19.66	20.50
		MID	64QAM	19.69	19.71	19.59	20.50
		HIGH	64QAM	19.85	19.64	19.58	20.50
	6	LOW	64QAM	18.68	18.59	18.57	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.58	20.61	20.55	21.50
		MID	QPSK	20.54	20.67	**20.71**	21.50
		HIGH	QPSK	20.64	20.68	20.62	21.50
	8	LOW	QPSK	20.55	20.77	20.75	21.50
		MID	QPSK	20.56	**20.88**	20.51	21.50
		HIGH	QPSK	20.55	20.61	20.61	21.50
	15	LOW	QPSK	20.62	20.65	**20.66**	21.50
3	1	LOW	Q16	20.75	20.76	20.64	21.50
		MID	Q16	20.64	20.53	20.66	21.50
		HIGH	Q16	20.67	20.58	20.60	21.50
	8	LOW	Q16	19.57	19.69	19.61	21.50
		MID	Q16	19.53	19.63	19.59	21.50
		HIGH	Q16	19.81	19.71	19.79	21.50
	15	LOW	Q16	19.63	19.65	19.61	21.50
3	1	LOW	64QAM	19.76	19.74	19.64	21.50
		MID	64QAM	19.53	19.63	19.57	21.50
		HIGH	64QAM	19.75	19.66	19.54	21.50
	8	LOW	64QAM	18.64	18.51	18.53	20.50
		MID	64QAM	18.52	18.69	18.66	20.50
		HIGH	64QAM	18.62	18.65	18.69	20.50
	15	LOW	64QAM	18.55	18.62	18.70	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.58	20.51	20.65	21.50
		MID	QPSK	20.62	20.61	**20.73**	21.50
		HIGH	QPSK	20.64	20.68	20.65	21.50
	12	LOW	QPSK	20.67	20.77	**20.85**	21.50
		MID	QPSK	20.54	20.76	20.65	21.50
		HIGH	QPSK	20.77	20.61	20.59	21.50
	25	LOW	QPSK	20.62	20.77	**20.79**	21.50
5	1	LOW	Q16	20.69	20.60	20.62	21.50
		MID	Q16	20.56	20.55	20.93	21.50
		HIGH	Q16	20.55	20.52	20.62	21.50
	12	LOW	Q16	19.53	19.75	19.69	21.50
		MID	Q16	19.69	19.51	19.71	21.50
		HIGH	Q16	19.75	19.65	19.75	21.50
	25	LOW	Q16	19.51	19.73	19.63	21.50
5	1	LOW	64QAM	19.54	19.70	19.62	21.50
		MID	64QAM	19.63	19.57	19.83	21.50
		HIGH	64QAM	19.59	19.68	19.58	21.50
	12	LOW	64QAM	18.68	18.68	18.64	20.50
		MID	64QAM	18.56	18.73	18.65	20.50
		HIGH	64QAM	18.56	18.56	18.70	20.50
	25	LOW	64QAM	18.58	18.61	18.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.58	20.57	20.53	21.50
		MID	QPSK	20.58	20.51	**20.65**	21.50
		HIGH	QPSK	20.58	20.62	20.61	21.50
	25	LOW	QPSK	20.65	20.71	20.77	21.50
		MID	QPSK	20.57	**20.82**	20.63	21.50
		HIGH	QPSK	20.67	20.55	20.55	21.50
	50	LOW	QPSK	20.65	20.67	**20.69**	21.50
10	1	LOW	Q16	20.69	20.70	20.58	21.50
		MID	Q16	20.64	20.51	20.85	21.50
		HIGH	Q16	20.51	20.58	20.54	21.50
	25	LOW	Q16	19.51	19.73	19.69	21.50
		MID	Q16	19.65	19.61	19.61	21.50
		HIGH	Q16	19.77	19.61	19.77	21.50
	50	LOW	Q16	19.51	19.65	19.59	21.50
10	1	LOW	64QAM	19.74	19.82	19.60	21.50
		MID	64QAM	19.69	19.57	19.79	21.50
		HIGH	64QAM	19.71	19.56	19.58	21.50
	25	LOW	64QAM	18.55	18.57	18.57	20.50
		MID	64QAM	18.58	18.64	18.52	20.50
		HIGH	64QAM	18.69	18.67	18.66	20.50
	50	LOW	64QAM	18.55	18.55	18.57	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.52	20.53	20.57	21.50
		MID	QPSK	20.52	20.59	20.68	21.50
		HIGH	QPSK	**20.70**	20.63	20.59	21.50
	36	LOW	QPSK	20.71	20.61	20.67	21.50
		MID	QPSK	20.67	**20.80**	20.55	21.50
		HIGH	QPSK	20.55	20.53	20.63	21.50
	75	LOW	QPSK	20.61	20.55	**20.71**	21.50
15	1	LOW	Q16	20.57	20.69	20.61	21.50
		MID	Q16	20.56	20.63	20.75	21.50
		HIGH	Q16	20.59	20.57	20.55	21.50
	36	LOW	Q16	19.71	19.73	19.59	21.50
		MID	Q16	19.63	19.53	19.55	21.50
		HIGH	Q16	19.79	19.53	19.73	21.50
	75	LOW	Q16	19.73	19.65	19.51	21.50
15	1	LOW	64QAM	19.68	19.76	19.52	21.50
		MID	64QAM	19.63	19.71	19.69	21.50
		HIGH	64QAM	19.67	19.56	19.56	21.50
	36	LOW	64QAM	18.68	18.63	18.68	20.50
		MID	64QAM	18.62	18.65	18.58	20.50
		HIGH	64QAM	18.68	18.58	18.68	20.50
	75	LOW	64QAM	18.55	18.70	18.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.65	20.65	20.52	21.50
		MID	QPSK	20.58	20.60	20.55	21.50
		HIGH	QPSK	20.56	**20.66**	20.60	21.50
	50	LOW	QPSK	20.65	20.66	20.55	21.50
		MID	QPSK	20.60	20.68	20.66	21.50
		HIGH	QPSK	20.67	**20.77**	20.69	21.50
	100	LOW	QPSK	**20.74**	20.70	20.72	21.50
20	1	LOW	Q16	20.69	20.68	20.67	21.50
		MID	Q16	20.70	20.60	20.66	21.50
		HIGH	Q16	20.61	20.65	20.71	21.50
	50	LOW	Q16	19.69	19.65	19.59	21.50
		MID	Q16	19.67	19.63	19.67	21.50
		HIGH	Q16	19.67	19.53	19.67	21.50
	100	LOW	Q16	19.63	19.65	19.63	21.50
20	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.67	19.57	19.57	21.50
		HIGH	64QAM	19.51	19.52	19.56	21.50
	50	LOW	64QAM	18.87	18.79	18.83	20.50
		MID	64QAM	18.54	18.60	18.56	20.50
		HIGH	64QAM	18.64	18.55	18.58	20.50
	100	LOW	64QAM	18.67	18.51	18.69	20.50

LTE B2-State 20 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.68	20.65	20.57	22.00
		MID	QPSK	20.60	20.61	**20.73**	22.00
		HIGH	QPSK	20.54	20.70	20.57	22.00
	3	LOW	QPSK	20.69	20.63	20.67	22.00
		MID	QPSK	20.58	**20.86**	20.55	22.00
		HIGH	QPSK	20.61	20.65	20.57	22.00
	6	LOW	QPSK	**20.67**	20.64	20.52	22.00
1.4	1	LOW	Q16	20.79	20.62	20.60	22.00
		MID	Q16	20.74	20.61	20.70	22.00
		HIGH	Q16	20.59	20.70	20.64	22.00
	3	LOW	Q16	20.77	20.68	20.66	21.50
		MID	Q16	20.64	20.71	20.74	21.50
		HIGH	Q16	20.53	20.80	20.72	21.50
	6	LOW	Q16	19.55	19.67	19.53	21.50
1.4	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.63	19.63	19.57	21.50
		HIGH	64QAM	19.81	19.60	19.62	21.50
	3	LOW	64QAM	19.82	19.76	19.66	20.50
		MID	64QAM	19.69	19.71	19.59	20.50
		HIGH	64QAM	19.85	19.64	19.58	20.50
	6	LOW	64QAM	18.68	18.59	18.57	20.50
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.58	20.61	20.55	22.00
		MID	QPSK	20.54	20.67	**20.71**	22.00
		HIGH	QPSK	20.64	20.68	20.62	22.00
	8	LOW	QPSK	20.55	20.77	20.75	22.00
		MID	QPSK	20.56	**20.88**	20.51	22.00
		HIGH	QPSK	20.55	20.61	20.61	22.00
	15	LOW	QPSK	20.62	20.65	**20.66**	22.00
3	1	LOW	Q16	20.75	20.76	20.64	22.00
		MID	Q16	20.64	20.53	20.66	22.00
		HIGH	Q16	20.67	20.58	20.60	22.00
	8	LOW	Q16	19.57	19.69	19.61	21.50
		MID	Q16	19.53	19.63	19.59	21.50
		HIGH	Q16	19.81	19.71	19.79	21.50
	15	LOW	Q16	19.63	19.65	19.61	21.50
3	1	LOW	64QAM	19.76	19.74	19.64	21.50
		MID	64QAM	19.53	19.63	19.57	21.50
		HIGH	64QAM	19.75	19.66	19.54	21.50
	8	LOW	64QAM	18.64	18.51	18.53	20.50
		MID	64QAM	18.52	18.69	18.66	20.50
		HIGH	64QAM	18.62	18.65	18.69	20.50
	15	LOW	64QAM	18.55	18.62	18.70	20.50

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.58	20.51	20.65	22.00
		MID	QPSK	20.62	20.61	**20.73**	22.00
		HIGH	QPSK	20.64	20.68	20.65	22.00
	12	LOW	QPSK	20.67	20.77	**20.85**	22.00
		MID	QPSK	20.54	20.76	20.65	22.00
		HIGH	QPSK	20.77	20.61	20.59	22.00
	25	LOW	QPSK	20.62	20.77	**20.79**	22.00
5	1	LOW	Q16	20.69	20.60	20.62	22.00
		MID	Q16	20.56	20.55	20.93	22.00
		HIGH	Q16	20.55	20.52	20.62	22.00
	12	LOW	Q16	19.53	19.75	19.69	21.50
		MID	Q16	19.69	19.51	19.71	21.50
		HIGH	Q16	19.75	19.65	19.75	21.50
	25	LOW	Q16	19.51	19.73	19.63	21.50
5	1	LOW	64QAM	19.54	19.70	19.62	21.50
		MID	64QAM	19.63	19.57	19.83	21.50
		HIGH	64QAM	19.59	19.68	19.58	21.50
	12	LOW	64QAM	18.68	18.68	18.64	20.50
		MID	64QAM	18.56	18.73	18.65	20.50
		HIGH	64QAM	18.56	18.56	18.70	20.50
	25	LOW	64QAM	18.58	18.61	18.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.58	20.57	20.53	22.00
		MID	QPSK	20.58	20.51	**20.65**	22.00
		HIGH	QPSK	20.58	20.62	20.61	22.00
	25	LOW	QPSK	20.65	20.71	20.77	22.00
		MID	QPSK	20.57	**20.82**	20.63	22.00
		HIGH	QPSK	20.67	20.55	20.55	22.00
	50	LOW	QPSK	20.65	20.67	**20.69**	22.00
10	1	LOW	Q16	20.69	20.70	20.58	22.00
		MID	Q16	20.64	20.51	20.85	22.00
		HIGH	Q16	20.51	20.58	20.54	22.00
	25	LOW	Q16	19.51	19.73	19.69	21.50
		MID	Q16	19.65	19.61	19.61	21.50
		HIGH	Q16	19.77	19.61	19.77	21.50
	50	LOW	Q16	19.51	19.65	19.59	21.50
10	1	LOW	64QAM	19.74	19.82	19.60	21.50
		MID	64QAM	19.69	19.57	19.79	21.50
		HIGH	64QAM	19.71	19.56	19.58	21.50
	25	LOW	64QAM	18.55	18.57	18.57	20.50
		MID	64QAM	18.58	18.64	18.52	20.50
		HIGH	64QAM	18.69	18.67	18.66	20.50
	50	LOW	64QAM	18.55	18.55	18.57	20.50

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.52	20.53	20.57	22.00
		MID	QPSK	20.52	20.59	20.68	22.00
		HIGH	QPSK	**20.70**	20.63	20.59	22.00
	36	LOW	QPSK	20.71	20.61	20.67	22.00
		MID	QPSK	20.67	**20.80**	20.55	22.00
		HIGH	QPSK	20.55	20.53	20.63	22.00
	75	LOW	QPSK	20.61	20.55	**20.71**	22.00
15	1	LOW	Q16	20.57	20.69	20.61	22.00
		MID	Q16	20.56	20.63	20.75	22.00
		HIGH	Q16	20.59	20.57	20.55	22.00
	36	LOW	Q16	19.71	19.73	19.59	21.50
		MID	Q16	19.63	19.53	19.55	21.50
		HIGH	Q16	19.79	19.53	19.73	21.50
	75	LOW	Q16	19.73	19.65	19.51	21.50
15	1	LOW	64QAM	19.68	19.76	19.52	21.50
		MID	64QAM	19.63	19.71	19.69	21.50
		HIGH	64QAM	19.67	19.56	19.56	21.50
	36	LOW	64QAM	18.68	18.63	18.68	20.50
		MID	64QAM	18.62	18.65	18.58	20.50
		HIGH	64QAM	18.68	18.58	18.68	20.50
	75	LOW	64QAM	18.55	18.70	18.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.65	20.65	20.52	22.00
		MID	QPSK	20.58	20.60	20.55	22.00
		HIGH	QPSK	20.56	**20.66**	20.60	22.00
	50	LOW	QPSK	20.65	20.66	20.55	22.00
		MID	QPSK	20.60	20.68	20.66	22.00
		HIGH	QPSK	20.67	**20.77**	20.69	22.00
	100	LOW	QPSK	**20.74**	20.70	20.72	22.00
20	1	LOW	Q16	20.69	20.68	20.67	22.00
		MID	Q16	20.70	20.60	20.66	22.00
		HIGH	Q16	20.61	20.65	20.71	22.00
	50	LOW	Q16	19.69	19.65	19.59	21.50
		MID	Q16	19.67	19.63	19.67	21.50
		HIGH	Q16	19.67	19.53	19.67	21.50
	100	LOW	Q16	19.63	19.65	19.63	21.50
20	1	LOW	64QAM	19.74	19.68	19.66	21.50
		MID	64QAM	19.67	19.57	19.57	21.50
		HIGH	64QAM	19.51	19.52	19.56	21.50
	50	LOW	64QAM	18.87	18.79	18.83	20.50
		MID	64QAM	18.54	18.60	18.56	20.50
		HIGH	64QAM	18.64	18.55	18.58	20.50
	100	LOW	64QAM	18.67	18.51	18.69	20.50

LTE B2-State 11-Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.80	**22.98**	22.83	23.50
		MID	QPSK	**22.98**	22.95	22.79	23.50
		HIGH	QPSK	22.60	22.91	22.74	23.50
	3	LOW	QPSK	22.65	22.89	22.60	23.50
		MID	QPSK	22.48	22.77	22.68	23.50
		HIGH	QPSK	22.60	**22.96**	22.74	23.50
	6	LOW	QPSK	22.03	**22.18**	**22.18**	22.50
1.4	1	LOW	Q16	22.49	22.39	22.12	22.50
		MID	Q16	22.24	22.37	22.39	22.50
		HIGH	Q16	22.17	22.43	22.40	22.50
	3	LOW	Q16	22.29	22.20	22.19	22.50
		MID	Q16	22.24	22.41	22.35	22.50
		HIGH	Q16	22.31	22.12	22.31	22.50
	6	LOW	Q16	21.13	21.18	20.87	21.50
1.4	1	LOW	64QAM	21.32	21.38	21.44	21.50
		MID	64QAM	21.43	21.17	21.26	21.50
		HIGH	64QAM	21.49	21.34	21.33	21.50
	3	LOW	64QAM	21.42	21.40	21.27	21.50
		MID	64QAM	21.26	21.15	21.16	21.50
		HIGH	64QAM	21.11	21.30	21.22	21.50
	6	LOW	64QAM	19.90	19.63	19.75	20.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.69	22.91	22.67	23.50
		MID	QPSK	22.96	**22.99**	22.82	23.50
		HIGH	QPSK	22.94	22.85	22.85	23.50
	8	LOW	QPSK	21.85	**22.08**	21.80	22.50
		MID	QPSK	22.04	21.98	22.05	22.50
		HIGH	QPSK	22.02	22.00	22.04	22.50
	15	LOW	QPSK	**22.08**	22.03	21.92	22.50
3	1	LOW	Q16	22.31	22.37	22.16	22.50
		MID	Q16	22.35	22.43	22.17	22.50
		HIGH	Q16	22.20	22.22	22.18	22.50
	8	LOW	Q16	20.95	20.98	20.95	21.50
		MID	Q16	20.95	20.99	20.91	21.50
		HIGH	Q16	20.84	21.11	20.79	21.50
	15	LOW	Q16	21.22	20.99	21.04	21.50
3	1	LOW	64QAM	21.49	21.19	21.48	21.50
		MID	64QAM	21.45	21.15	21.22	21.50
		HIGH	64QAM	21.34	21.34	21.29	21.50
	8	LOW	64QAM	19.83	19.80	19.69	20.00
		MID	64QAM	19.87	19.61	19.97	20.00
		HIGH	64QAM	19.77	19.70	19.81	20.00
	15	LOW	64QAM	19.82	19.65	19.81	20.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.87	**22.96**	23.50
		MID	QPSK	22.78	22.92	22.89	23.50
		HIGH	QPSK	22.62	22.87	22.76	23.50
	12	LOW	QPSK	22.14	21.95	22.02	22.50
		MID	QPSK	21.99	**22.25**	22.05	22.50
		HIGH	QPSK	21.84	21.91	21.84	22.50
	25	LOW	QPSK	21.90	**22.05**	21.87	22.50
5	1	LOW	Q16	22.36	22.39	22.41	22.50
		MID	Q16	22.24	22.43	22.21	22.50
		HIGH	Q16	22.40	22.47	22.35	22.50
	12	LOW	Q16	21.16	20.94	21.07	21.50
		MID	Q16	20.89	20.93	20.95	21.50
		HIGH	Q16	21.03	21.17	20.81	21.50
	25	LOW	Q16	20.98	21.12	21.19	21.50
5	1	LOW	64QAM	21.45	21.21	21.46	21.50
		MID	64QAM	21.32	21.41	21.16	21.50
		HIGH	64QAM	21.29	21.34	21.35	21.50
	12	LOW	64QAM	19.87	19.98	19.87	20.00
		MID	64QAM	19.81	19.79	19.81	20.00
		HIGH	64QAM	19.95	19.84	19.73	20.00
	25	LOW	64QAM	19.78	19.91	19.97	20.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.71	22.80	22.69	23.50
		MID	QPSK	22.82	22.74	22.89	23.50
		HIGH	QPSK	22.67	**23.10**	22.85	23.50
	25	LOW	QPSK	21.90	21.97	21.93	22.50
		MID	QPSK	21.86	21.94	21.98	22.50
		HIGH	QPSK	21.88	**22.13**	**22.13**	22.50
	50	LOW	QPSK	21.88	22.00	**22.03**	22.50
10	1	LOW	Q16	22.38	22.28	22.34	22.50
		MID	Q16	22.42	22.25	22.30	22.50
		HIGH	Q16	22.33	22.22	22.24	22.50
	25	LOW	Q16	21.18	20.96	20.97	21.50
		MID	Q16	21.08	21.03	21.10	21.50
		HIGH	Q16	21.03	21.11	21.06	21.50
	50	LOW	Q16	21.00	21.16	20.97	21.50
10	1	LOW	64QAM	21.32	21.23	21.35	21.50
		MID	64QAM	21.32	21.19	21.33	21.50
		HIGH	64QAM	21.34	21.32	21.35	21.50
	25	LOW	64QAM	19.67	20.00	19.85	20.00
		MID	64QAM	19.85	19.85	19.95	20.00
		HIGH	64QAM	19.83	19.92	19.77	20.00
	50	LOW	64QAM	19.66	19.63	19.93	20.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	**23.05**	22.92	23.50
		MID	QPSK	22.98	22.90	22.75	23.50
		HIGH	QPSK	22.88	22.98	22.71	23.50
	36	LOW	QPSK	21.94	22.03	21.87	22.50
		MID	QPSK	**22.17**	22.09	21.87	22.50
		HIGH	QPSK	21.86	22.11	22.13	22.50
	75	LOW	QPSK	**22.21**	22.03	22.03	22.50
15	1	LOW	Q16	22.33	22.19	22.16	22.50
		MID	Q16	22.35	22.28	22.41	22.50
		HIGH	Q16	22.46	22.47	22.27	22.50
	36	LOW	Q16	20.93	21.17	21.03	21.50
		MID	Q16	20.89	21.06	21.00	21.50
		HIGH	Q16	20.82	21.07	20.87	21.50
	75	LOW	Q16	21.22	20.95	21.00	21.50
15	1	LOW	64QAM	21.36	21.17	21.27	21.50
		MID	64QAM	21.43	21.36	21.37	21.50
		HIGH	64QAM	21.17	21.49	21.39	21.50
	36	LOW	64QAM	19.83	19.74	19.97	20.00
		MID	64QAM	19.69	19.71	19.73	20.00
		HIGH	64QAM	19.79	19.94	19.95	20.00
	75	LOW	64QAM	19.80	19.67	19.99	20.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	**23.05**	22.85	23.50
		MID	QPSK	22.89	22.97	22.84	23.50
		HIGH	QPSK	22.83	23.03	22.85	23.50
	50	LOW	QPSK	22.03	22.10	22.02	22.50
		MID	QPSK	22.06	**22.16**	22.07	22.50
		HIGH	QPSK	22.06	22.13	22.06	22.50
	100	LOW	QPSK	22.10	**22.16**	22.07	22.50
20	1	LOW	Q16	22.49	22.41	22.32	22.50
		MID	Q16	22.44	22.41	22.30	22.50
		HIGH	Q16	22.42	22.47	22.31	22.50
	50	LOW	Q16	21.12	21.09	20.99	21.50
		MID	Q16	21.08	21.14	21.08	21.50
		HIGH	Q16	21.05	21.15	21.00	21.50
	100	LOW	Q16	21.11	21.16	21.08	21.50
20	1	LOW	64QAM	21.47	21.38	21.46	21.50
		MID	64QAM	21.47	21.30	21.37	21.50
		HIGH	64QAM	21.38	21.45	21.35	21.50
	50	LOW	64QAM	20.17	20.22	20.21	20.50
		MID	64QAM	20.21	20.11	20.25	20.50
		HIGH	64QAM	20.25	20.14	20.19	20.50
	100	LOW	64QAM	20.16	20.11	20.19	20.50

LTE B2-State 15 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.80	**22.98**	22.83	23.50
		MID	QPSK	**22.98**	22.95	22.79	23.50
		HIGH	QPSK	22.60	22.91	22.74	23.50
	3	LOW	QPSK	22.65	22.89	22.60	23.50
		MID	QPSK	22.48	22.77	22.68	23.50
		HIGH	QPSK	22.60	**22.96**	22.74	23.50
	6	LOW	QPSK	22.03	**22.18**	**22.18**	22.50
1.4	1	LOW	Q16	22.49	22.39	22.12	22.50
		MID	Q16	22.24	22.37	22.39	22.50
		HIGH	Q16	22.17	22.43	22.40	22.50
	3	LOW	Q16	22.29	22.20	22.19	22.50
		MID	Q16	22.24	22.41	22.35	22.50
		HIGH	Q16	22.31	22.12	22.31	22.50
	6	LOW	Q16	21.13	21.18	20.87	21.50
1.4	1	LOW	64QAM	21.32	21.38	21.44	21.50
		MID	64QAM	21.43	21.17	21.26	21.50
		HIGH	64QAM	21.49	21.34	21.33	21.50
	3	LOW	64QAM	21.42	21.40	21.27	21.50
		MID	64QAM	21.26	21.15	21.16	21.50
		HIGH	64QAM	21.11	21.30	21.22	21.50
	6	LOW	64QAM	19.90	19.63	19.75	20.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.69	22.91	22.67	23.50
		MID	QPSK	22.96	**22.99**	22.82	23.50
		HIGH	QPSK	22.94	22.85	22.85	23.50
	8	LOW	QPSK	21.85	**22.08**	21.80	22.50
		MID	QPSK	22.04	21.98	22.05	22.50
		HIGH	QPSK	22.02	22.00	22.04	22.50
	15	LOW	QPSK	**22.08**	22.03	21.92	22.50
3	1	LOW	Q16	22.31	22.37	22.16	22.50
		MID	Q16	22.35	22.43	22.17	22.50
		HIGH	Q16	22.20	22.22	22.18	22.50
	8	LOW	Q16	20.95	20.98	20.95	21.50
		MID	Q16	20.95	20.99	20.91	21.50
		HIGH	Q16	20.84	21.11	20.79	21.50
	15	LOW	Q16	21.22	20.99	21.04	21.50
3	1	LOW	64QAM	21.49	21.19	21.48	21.50
		MID	64QAM	21.45	21.15	21.22	21.50
		HIGH	64QAM	21.34	21.34	21.29	21.50
	8	LOW	64QAM	19.83	19.80	19.69	20.00
		MID	64QAM	19.87	19.61	19.97	20.00
		HIGH	64QAM	19.77	19.70	19.81	20.00
	15	LOW	64QAM	19.82	19.65	19.81	20.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.87	**22.96**	23.50
		MID	QPSK	22.78	22.92	22.89	23.50
		HIGH	QPSK	22.62	22.87	22.76	23.50
	12	LOW	QPSK	22.14	21.95	22.02	22.50
		MID	QPSK	21.99	**22.25**	22.05	22.50
		HIGH	QPSK	21.84	21.91	21.84	22.50
	25	LOW	QPSK	21.90	**22.05**	21.87	22.50
5	1	LOW	Q16	22.36	22.39	22.41	22.50
		MID	Q16	22.24	22.43	22.21	22.50
		HIGH	Q16	22.40	22.47	22.35	22.50
	12	LOW	Q16	21.16	20.94	21.07	21.50
		MID	Q16	20.89	20.93	20.95	21.50
		HIGH	Q16	21.03	21.17	20.81	21.50
	25	LOW	Q16	20.98	21.12	21.19	21.50
5	1	LOW	64QAM	21.45	21.21	21.46	21.50
		MID	64QAM	21.32	21.41	21.16	21.50
		HIGH	64QAM	21.29	21.34	21.35	21.50
	12	LOW	64QAM	19.87	19.98	19.87	20.00
		MID	64QAM	19.81	19.79	19.81	20.00
		HIGH	64QAM	19.95	19.84	19.73	20.00
	25	LOW	64QAM	19.78	19.91	19.97	20.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.71	22.80	22.69	23.50
		MID	QPSK	22.82	22.74	22.89	23.50
		HIGH	QPSK	22.67	**23.10**	22.85	23.50
	25	LOW	QPSK	21.90	21.97	21.93	22.50
		MID	QPSK	21.86	21.94	21.98	22.50
		HIGH	QPSK	21.88	**22.13**	**22.13**	22.50
	50	LOW	QPSK	21.88	22.00	**22.03**	22.50
10	1	LOW	Q16	22.38	22.28	22.34	22.50
		MID	Q16	22.42	22.25	22.30	22.50
		HIGH	Q16	22.33	22.22	22.24	22.50
	25	LOW	Q16	21.18	20.96	20.97	21.50
		MID	Q16	21.08	21.03	21.10	21.50
		HIGH	Q16	21.03	21.11	21.06	21.50
	50	LOW	Q16	21.00	21.16	20.97	21.50
10	1	LOW	64QAM	21.32	21.23	21.35	21.50
		MID	64QAM	21.32	21.19	21.33	21.50
		HIGH	64QAM	21.34	21.32	21.35	21.50
	25	LOW	64QAM	19.67	20.00	19.85	20.00
		MID	64QAM	19.85	19.85	19.95	20.00
		HIGH	64QAM	19.83	19.92	19.77	20.00
	50	LOW	64QAM	19.66	19.63	19.93	20.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	**23.05**	22.92	23.50
		MID	QPSK	22.98	22.90	22.75	23.50
		HIGH	QPSK	22.88	22.98	22.71	23.50
	36	LOW	QPSK	21.94	22.03	21.87	22.50
		MID	QPSK	**22.17**	22.09	21.87	22.50
		HIGH	QPSK	21.86	22.11	22.13	22.50
	75	LOW	QPSK	**22.21**	22.03	22.03	22.50
15	1	LOW	Q16	22.33	22.19	22.16	22.50
		MID	Q16	22.35	22.28	22.41	22.50
		HIGH	Q16	22.46	22.47	22.27	22.50
	36	LOW	Q16	20.93	21.17	21.03	21.50
		MID	Q16	20.89	21.06	21.00	21.50
		HIGH	Q16	20.82	21.07	20.87	21.50
	75	LOW	Q16	21.22	20.95	21.00	21.50
15	1	LOW	64QAM	21.36	21.17	21.27	21.50
		MID	64QAM	21.43	21.36	21.37	21.50
		HIGH	64QAM	21.17	21.49	21.39	21.50
	36	LOW	64QAM	19.83	19.74	19.97	20.00
		MID	64QAM	19.69	19.71	19.73	20.00
		HIGH	64QAM	19.79	19.94	19.95	20.00
	75	LOW	64QAM	19.80	19.67	19.99	20.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	**23.05**	22.85	23.50
		MID	QPSK	22.89	22.97	22.84	23.50
		HIGH	QPSK	22.83	23.03	22.85	23.50
	50	LOW	QPSK	22.03	22.10	22.02	22.50
		MID	QPSK	22.06	**22.16**	22.07	22.50
		HIGH	QPSK	22.06	22.13	22.06	22.50
	100	LOW	QPSK	22.10	**22.16**	22.07	22.50
20	1	LOW	Q16	22.49	22.41	22.32	22.50
		MID	Q16	22.44	22.41	22.30	22.50
		HIGH	Q16	22.42	22.47	22.31	22.50
	50	LOW	Q16	21.12	21.09	20.99	21.50
		MID	Q16	21.08	21.14	21.08	21.50
		HIGH	Q16	21.05	21.15	21.00	21.50
	100	LOW	Q16	21.11	21.16	21.08	21.50
20	1	LOW	64QAM	21.47	21.38	21.46	21.50
		MID	64QAM	21.47	21.30	21.37	21.50
		HIGH	64QAM	21.38	21.45	21.35	21.50
	50	LOW	64QAM	20.17	20.22	20.21	20.50
		MID	64QAM	20.21	20.11	20.25	20.50
		HIGH	64QAM	20.25	20.14	20.19	20.50
	100	LOW	64QAM	20.16	20.11	20.19	20.50

LTE B2-State 17 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.80	**22.98**	22.83	23.50
		MID	QPSK	**22.98**	22.95	22.79	23.50
		HIGH	QPSK	22.60	22.91	22.74	23.50
	3	LOW	QPSK	22.65	22.89	22.60	23.50
		MID	QPSK	22.48	22.77	22.68	23.50
		HIGH	QPSK	22.60	**22.96**	22.74	23.50
	6	LOW	QPSK	22.03	**22.18**	**22.18**	22.50
1.4	1	LOW	Q16	22.49	22.39	22.12	22.50
		MID	Q16	22.24	22.37	22.39	22.50
		HIGH	Q16	22.17	22.43	22.40	22.50
	3	LOW	Q16	22.29	22.20	22.19	22.50
		MID	Q16	22.24	22.41	22.35	22.50
		HIGH	Q16	22.31	22.12	22.31	22.50
	6	LOW	Q16	21.13	21.18	20.87	21.50
1.4	1	LOW	64QAM	21.32	21.38	21.44	21.50
		MID	64QAM	21.43	21.17	21.26	21.50
		HIGH	64QAM	21.49	21.34	21.33	21.50
	3	LOW	64QAM	21.42	21.40	21.27	21.50
		MID	64QAM	21.26	21.15	21.16	21.50
		HIGH	64QAM	21.11	21.30	21.22	21.50
	6	LOW	64QAM	19.90	19.63	19.75	20.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.69	22.91	22.67	23.50
		MID	QPSK	22.96	**22.99**	22.82	23.50
		HIGH	QPSK	22.94	22.85	22.85	23.50
	8	LOW	QPSK	21.85	**22.08**	21.80	22.50
		MID	QPSK	22.04	21.98	22.05	22.50
		HIGH	QPSK	22.02	22.00	22.04	22.50
	15	LOW	QPSK	**22.08**	22.03	21.92	22.50
3	1	LOW	Q16	22.31	22.37	22.16	22.50
		MID	Q16	22.35	22.43	22.17	22.50
		HIGH	Q16	22.20	22.22	22.18	22.50
	8	LOW	Q16	20.95	20.98	20.95	21.50
		MID	Q16	20.95	20.99	20.91	21.50
		HIGH	Q16	20.84	21.11	20.79	21.50
	15	LOW	Q16	21.22	20.99	21.04	21.50
3	1	LOW	64QAM	21.49	21.19	21.48	21.50
		MID	64QAM	21.45	21.15	21.22	21.50
		HIGH	64QAM	21.34	21.34	21.29	21.50
	8	LOW	64QAM	19.83	19.80	19.69	20.00
		MID	64QAM	19.87	19.61	19.97	20.00
		HIGH	64QAM	19.77	19.70	19.81	20.00
	15	LOW	64QAM	19.82	19.65	19.81	20.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.87	**22.96**	23.50
		MID	QPSK	22.78	22.92	22.89	23.50
		HIGH	QPSK	22.62	22.87	22.76	23.50
	12	LOW	QPSK	22.14	21.95	22.02	22.50
		MID	QPSK	21.99	**22.25**	22.05	22.50
		HIGH	QPSK	21.84	21.91	21.84	22.50
	25	LOW	QPSK	21.90	**22.05**	21.87	22.50
5	1	LOW	Q16	22.36	22.39	22.41	22.50
		MID	Q16	22.24	22.43	22.21	22.50
		HIGH	Q16	22.40	22.47	22.35	22.50
	12	LOW	Q16	21.16	20.94	21.07	21.50
		MID	Q16	20.89	20.93	20.95	21.50
		HIGH	Q16	21.03	21.17	20.81	21.50
	25	LOW	Q16	20.98	21.12	21.19	21.50
5	1	LOW	64QAM	21.45	21.21	21.46	21.50
		MID	64QAM	21.32	21.41	21.16	21.50
		HIGH	64QAM	21.29	21.34	21.35	21.50
	12	LOW	64QAM	19.87	19.98	19.87	20.00
		MID	64QAM	19.81	19.79	19.81	20.00
		HIGH	64QAM	19.95	19.84	19.73	20.00
	25	LOW	64QAM	19.78	19.91	19.97	20.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.71	22.80	22.69	23.50
		MID	QPSK	22.82	22.74	22.89	23.50
		HIGH	QPSK	22.67	**23.10**	22.85	23.50
	25	LOW	QPSK	21.90	21.97	21.93	22.50
		MID	QPSK	21.86	21.94	21.98	22.50
		HIGH	QPSK	21.88	**22.13**	**22.13**	22.50
	50	LOW	QPSK	21.88	22.00	**22.03**	22.50
10	1	LOW	Q16	22.38	22.28	22.34	22.50
		MID	Q16	22.42	22.25	22.30	22.50
		HIGH	Q16	22.33	22.22	22.24	22.50
	25	LOW	Q16	21.18	20.96	20.97	21.50
		MID	Q16	21.08	21.03	21.10	21.50
		HIGH	Q16	21.03	21.11	21.06	21.50
	50	LOW	Q16	21.00	21.16	20.97	21.50
10	1	LOW	64QAM	21.32	21.23	21.35	21.50
		MID	64QAM	21.32	21.19	21.33	21.50
		HIGH	64QAM	21.34	21.32	21.35	21.50
	25	LOW	64QAM	19.67	20.00	19.85	20.00
		MID	64QAM	19.85	19.85	19.95	20.00
		HIGH	64QAM	19.83	19.92	19.77	20.00
	50	LOW	64QAM	19.66	19.63	19.93	20.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	**23.05**	22.92	23.50
		MID	QPSK	22.98	22.90	22.75	23.50
		HIGH	QPSK	22.88	22.98	22.71	23.50
	36	LOW	QPSK	21.94	22.03	21.87	22.50
		MID	QPSK	**22.17**	22.09	21.87	22.50
		HIGH	QPSK	21.86	22.11	22.13	22.50
	75	LOW	QPSK	**22.21**	22.03	22.03	22.50
15	1	LOW	Q16	22.33	22.19	22.16	22.50
		MID	Q16	22.35	22.28	22.41	22.50
		HIGH	Q16	22.46	22.47	22.27	22.50
	36	LOW	Q16	20.93	21.17	21.03	21.50
		MID	Q16	20.89	21.06	21.00	21.50
		HIGH	Q16	20.82	21.07	20.87	21.50
	75	LOW	Q16	21.22	20.95	21.00	21.50
15	1	LOW	64QAM	21.36	21.17	21.27	21.50
		MID	64QAM	21.43	21.36	21.37	21.50
		HIGH	64QAM	21.17	21.49	21.39	21.50
	36	LOW	64QAM	19.83	19.74	19.97	20.00
		MID	64QAM	19.69	19.71	19.73	20.00
		HIGH	64QAM	19.79	19.94	19.95	20.00
	75	LOW	64QAM	19.80	19.67	19.99	20.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	**23.05**	22.85	23.50
		MID	QPSK	22.89	22.97	22.84	23.50
		HIGH	QPSK	22.83	23.03	22.85	23.50
	50	LOW	QPSK	22.03	22.10	22.02	22.50
		MID	QPSK	22.06	**22.16**	22.07	22.50
		HIGH	QPSK	22.06	22.13	22.06	22.50
	100	LOW	QPSK	22.10	**22.16**	22.07	22.50
20	1	LOW	Q16	22.49	22.41	22.32	22.50
		MID	Q16	22.44	22.41	22.30	22.50
		HIGH	Q16	22.42	22.47	22.31	22.50
	50	LOW	Q16	21.12	21.09	20.99	21.50
		MID	Q16	21.08	21.14	21.08	21.50
		HIGH	Q16	21.05	21.15	21.00	21.50
	100	LOW	Q16	21.11	21.16	21.08	21.50
20	1	LOW	64QAM	21.47	21.38	21.46	21.50
		MID	64QAM	21.47	21.30	21.37	21.50
		HIGH	64QAM	21.38	21.45	21.35	21.50
	50	LOW	64QAM	20.17	20.22	20.21	20.50
		MID	64QAM	20.21	20.11	20.25	20.50
		HIGH	64QAM	20.25	20.14	20.19	20.50
	100	LOW	64QAM	20.16	20.11	20.19	20.50

LTE B2-State 19 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.80	**22.98**	22.83	23.50
		MID	QPSK	**22.98**	22.95	22.79	23.50
		HIGH	QPSK	22.60	22.91	22.74	23.50
	3	LOW	QPSK	22.65	22.89	22.60	23.50
		MID	QPSK	22.48	22.77	22.68	23.50
		HIGH	QPSK	22.60	**22.96**	22.74	23.50
	6	LOW	QPSK	22.03	**22.18**	**22.18**	22.50
1.4	1	LOW	Q16	22.49	22.39	22.12	22.50
		MID	Q16	22.24	22.37	22.39	22.50
		HIGH	Q16	22.17	22.43	22.40	22.50
	3	LOW	Q16	22.29	22.20	22.19	22.50
		MID	Q16	22.24	22.41	22.35	22.50
		HIGH	Q16	22.31	22.12	22.31	22.50
	6	LOW	Q16	21.13	21.18	20.87	21.50
1.4	1	LOW	64QAM	21.32	21.38	21.44	21.50
		MID	64QAM	21.43	21.17	21.26	21.50
		HIGH	64QAM	21.49	21.34	21.33	21.50
	3	LOW	64QAM	21.42	21.40	21.27	21.50
		MID	64QAM	21.26	21.15	21.16	21.50
		HIGH	64QAM	21.11	21.30	21.22	21.50
	6	LOW	64QAM	19.90	19.63	19.75	20.00
Bandwidth (	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.69	22.91	22.67	23.50
		MID	QPSK	22.96	**22.99**	22.82	23.50
		HIGH	QPSK	22.94	22.85	22.85	23.50
	8	LOW	QPSK	21.85	**22.08**	21.80	22.50
		MID	QPSK	22.04	21.98	22.05	22.50
		HIGH	QPSK	22.02	22.00	22.04	22.50
	15	LOW	QPSK	**22.08**	22.03	21.92	22.50
3	1	LOW	Q16	22.31	22.37	22.16	22.50
		MID	Q16	22.35	22.43	22.17	22.50
		HIGH	Q16	22.20	22.22	22.18	22.50
	8	LOW	Q16	20.95	20.98	20.95	21.50
		MID	Q16	20.95	20.99	20.91	21.50
		HIGH	Q16	20.84	21.11	20.79	21.50
	15	LOW	Q16	21.22	20.99	21.04	21.50
3	1	LOW	64QAM	21.49	21.19	21.48	21.50
		MID	64QAM	21.45	21.15	21.22	21.50
		HIGH	64QAM	21.34	21.34	21.29	21.50
	8	LOW	64QAM	19.83	19.80	19.69	20.00
		MID	64QAM	19.87	19.61	19.97	20.00
		HIGH	64QAM	19.77	19.70	19.81	20.00
	15	LOW	64QAM	19.82	19.65	19.81	20.00

Bandwidth (	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.87	**22.96**	23.50
		MID	QPSK	22.78	22.92	22.89	23.50
		HIGH	QPSK	22.62	22.87	22.76	23.50
	12	LOW	QPSK	22.14	21.95	22.02	22.50
		MID	QPSK	21.99	**22.25**	22.05	22.50
		HIGH	QPSK	21.84	21.91	21.84	22.50
	25	LOW	QPSK	21.90	**22.05**	21.87	22.50
5	1	LOW	Q16	22.36	22.39	22.41	22.50
		MID	Q16	22.24	22.43	22.21	22.50
		HIGH	Q16	22.40	22.47	22.35	22.50
	12	LOW	Q16	21.16	20.94	21.07	21.50
		MID	Q16	20.89	20.93	20.95	21.50
		HIGH	Q16	21.03	21.17	20.81	21.50
	25	LOW	Q16	20.98	21.12	21.19	21.50
5	1	LOW	64QAM	21.45	21.21	21.46	21.50
		MID	64QAM	21.32	21.41	21.16	21.50
		HIGH	64QAM	21.29	21.34	21.35	21.50
	12	LOW	64QAM	19.87	19.98	19.87	20.00
		MID	64QAM	19.81	19.79	19.81	20.00
		HIGH	64QAM	19.95	19.84	19.73	20.00
	25	LOW	64QAM	19.78	19.91	19.97	20.00
Bandwidth (	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.71	22.80	22.69	23.50
		MID	QPSK	22.82	22.74	22.89	23.50
		HIGH	QPSK	22.67	**23.10**	22.85	23.50
	25	LOW	QPSK	21.90	21.97	21.93	22.50
		MID	QPSK	21.86	21.94	21.98	22.50
		HIGH	QPSK	21.88	**22.13**	**22.13**	22.50
	50	LOW	QPSK	21.88	22.00	**22.03**	22.50
10	1	LOW	Q16	22.38	22.28	22.34	22.50
		MID	Q16	22.42	22.25	22.30	22.50
		HIGH	Q16	22.33	22.22	22.24	22.50
	25	LOW	Q16	21.18	20.96	20.97	21.50
		MID	Q16	21.08	21.03	21.10	21.50
		HIGH	Q16	21.03	21.11	21.06	21.50
	50	LOW	Q16	21.00	21.16	20.97	21.50
10	1	LOW	64QAM	21.32	21.23	21.35	21.50
		MID	64QAM	21.32	21.19	21.33	21.50
		HIGH	64QAM	21.34	21.32	21.35	21.50
	25	LOW	64QAM	19.67	20.00	19.85	20.00
		MID	64QAM	19.85	19.85	19.95	20.00
		HIGH	64QAM	19.83	19.92	19.77	20.00
	50	LOW	64QAM	19.66	19.63	19.93	20.00

Bandwidth (	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.69	**23.05**	22.92	23.50
		MID	QPSK	22.98	22.90	22.75	23.50
		HIGH	QPSK	22.88	22.98	22.71	23.50
	36	LOW	QPSK	21.94	22.03	21.87	22.50
		MID	QPSK	**22.17**	22.09	21.87	22.50
		HIGH	QPSK	21.86	22.11	22.13	22.50
	75	LOW	QPSK	**22.21**	22.03	22.03	22.50
15	1	LOW	Q16	22.33	22.19	22.16	22.50
		MID	Q16	22.35	22.28	22.41	22.50
		HIGH	Q16	22.46	22.47	22.27	22.50
	36	LOW	Q16	20.93	21.17	21.03	21.50
		MID	Q16	20.89	21.06	21.00	21.50
		HIGH	Q16	20.82	21.07	20.87	21.50
	75	LOW	Q16	21.22	20.95	21.00	21.50
15	1	LOW	64QAM	21.36	21.17	21.27	21.50
		MID	64QAM	21.43	21.36	21.37	21.50
		HIGH	64QAM	21.17	21.49	21.39	21.50
	36	LOW	64QAM	19.83	19.74	19.97	20.00
		MID	64QAM	19.69	19.71	19.73	20.00
		HIGH	64QAM	19.79	19.94	19.95	20.00
	75	LOW	64QAM	19.80	19.67	19.99	20.00
Bandwidth (	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	22.85	**23.05**	22.85	23.50
		MID	QPSK	22.89	22.97	22.84	23.50
		HIGH	QPSK	22.83	23.03	22.85	23.50
	50	LOW	QPSK	22.03	22.10	22.02	22.50
		MID	QPSK	22.06	**22.16**	22.07	22.50
		HIGH	QPSK	22.06	22.13	22.06	22.50
	100	LOW	QPSK	22.10	**22.16**	22.07	22.50
20	1	LOW	Q16	22.49	22.41	22.32	22.50
		MID	Q16	22.44	22.41	22.30	22.50
		HIGH	Q16	22.42	22.47	22.31	22.50
	50	LOW	Q16	21.12	21.09	20.99	21.50
		MID	Q16	21.08	21.14	21.08	21.50
		HIGH	Q16	21.05	21.15	21.00	21.50
	100	LOW	Q16	21.11	21.16	21.08	21.50
20	1	LOW	64QAM	21.47	21.38	21.46	21.50
		MID	64QAM	21.47	21.30	21.37	21.50
		HIGH	64QAM	21.38	21.45	21.35	21.50
	50	LOW	64QAM	20.17	20.22	20.21	20.50
		MID	64QAM	20.21	20.11	20.25	20.50
		HIGH	64QAM	20.25	20.14	20.19	20.50
	100	LOW	64QAM	20.16	20.11	20.19	20.50

8.3.2 LTE Band4 Output Power

LTE B4-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.03	19.05	19.05	19.50
		MID	QPSK	18.97	18.96	19.05	19.50
		HIGH	QPSK	19.12	18.94	18.83	19.50
	3	LOW	QPSK	19.17	19.07	19.02	19.50
		MID	QPSK	19.07	19.16	19.04	19.50
		HIGH	QPSK	18.92	18.90	19.08	19.50
	6	LOW	QPSK	19.23	18.98	18.96	19.50
1.4	1	LOW	Q16	19.32	19.43	19.22	19.50
		MID	Q16	19.14	19.12	19.16	19.50
		HIGH	Q16	19.27	19.32	19.20	19.50
	3	LOW	Q16	19.00	19.03	18.96	19.50
		MID	Q16	19.14	19.26	19.13	19.50
		HIGH	Q16	19.02	19.17	18.87	19.50
	6	LOW	Q16	19.26	19.13	18.99	19.50
1.4	1	LOW	64QAM	19.48	19.21	18.90	19.50
		MID	64QAM	19.08	19.02	19.01	19.50
		HIGH	64QAM	19.03	19.22	19.06	19.50
	3	LOW	64QAM	18.77	18.91	19.05	19.50
		MID	64QAM	19.32	19.20	19.27	19.50
		HIGH	64QAM	18.95	18.99	18.82	19.50
	6	LOW	64QAM	19.34	19.09	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.16	19.07	19.17	19.50
		MID	QPSK	18.88	19.05	19.05	19.50
		HIGH	QPSK	18.98	19.08	18.87	19.50
	8	LOW	QPSK	19.02	19.07	19.25	19.50
		MID	QPSK	19.17	18.97	19.04	19.50
		HIGH	QPSK	19.03	19.05	19.00	19.50
	15	LOW	QPSK	18.98	19.05	18.96	19.50
3	1	LOW	Q16	19.34	19.39	19.34	19.50
		MID	Q16	19.27	19.33	18.97	19.50
		HIGH	Q16	19.10	19.36	18.91	19.50
	8	LOW	Q16	19.09	19.20	19.07	19.50
		MID	Q16	19.26	19.01	19.21	19.50
		HIGH	Q16	18.91	19.00	19.14	19.50
	15	LOW	Q16	19.01	19.15	18.97	19.50
3	1	LOW	64QAM	19.32	19.21	19.17	19.50
		MID	64QAM	18.95	19.27	19.01	19.50
		HIGH	64QAM	19.03	19.09	18.97	19.50
	8	LOW	64QAM	18.77	18.95	18.94	19.50
		MID	64QAM	19.30	19.11	19.23	19.50
		HIGH	64QAM	18.78	19.17	18.91	19.50
	15	LOW	64QAM	19.24	19.05	19.12	19.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.07	18.88	19.50
		MID	QPSK	19.09	18.98	19.00	19.50
		HIGH	QPSK	19.12	19.08	19.00	19.50
	12	LOW	QPSK	19.04	19.17	19.17	19.50
		MID	QPSK	19.23	19.03	19.09	19.50
		HIGH	QPSK	18.99	19.11	19.10	19.50
	25	LOW	QPSK	19.04	19.07	18.98	19.50
5	1	LOW	Q16	19.42	19.26	19.11	19.50
		MID	Q16	19.18	19.23	18.97	19.50
		HIGH	Q16	19.31	19.11	19.00	19.50
	12	LOW	Q16	19.02	19.18	19.02	19.50
		MID	Q16	19.32	19.24	19.04	19.50
		HIGH	Q16	18.97	18.96	19.14	19.50
	25	LOW	Q16	19.30	19.00	19.20	19.50
5	1	LOW	64QAM	19.36	19.37	18.90	19.50
		MID	64QAM	19.14	19.02	18.99	19.50
		HIGH	64QAM	19.16	19.16	19.06	19.50
	12	LOW	64QAM	18.96	19.01	19.13	19.50
		MID	64QAM	19.16	19.32	19.27	19.50
		HIGH	64QAM	18.74	19.11	19.03	19.50
	25	LOW	64QAM	19.26	19.01	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.07	18.92	19.50
		MID	QPSK	18.82	19.03	18.92	19.50
		HIGH	QPSK	19.14	18.89	18.72	19.50
	25	LOW	QPSK	19.15	19.09	19.31	19.50
		MID	QPSK	19.07	19.16	19.07	19.50
		HIGH	QPSK	18.98	19.15	18.95	19.50
	50	LOW	QPSK	19.11	19.09	19.19	19.50
10	1	LOW	Q16	19.25	19.47	19.05	19.50
		MID	Q16	19.14	19.35	19.12	19.50
		HIGH	Q16	19.08	19.24	19.18	19.50
	25	LOW	Q16	19.15	19.14	19.13	19.50
		MID	Q16	19.18	19.30	18.96	19.50
		HIGH	Q16	19.02	18.94	19.00	19.50
	50	LOW	Q16	19.32	19.15	18.95	19.50
10	1	LOW	64QAM	19.46	19.21	19.11	19.50
		MID	64QAM	19.24	19.31	18.87	19.50
		HIGH	64QAM	18.97	19.26	19.10	19.50
	25	LOW	64QAM	18.96	19.01	18.99	19.50
		MID	64QAM	19.20	19.36	19.04	19.50
		HIGH	64QAM	19.01	19.19	18.87	19.50
	50	LOW	64QAM	19.11	19.01	18.85	19.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.01	19.11	18.90	19.50
		MID	QPSK	18.97	18.92	18.79	19.50
		HIGH	QPSK	18.98	19.08	18.85	19.50
	36	LOW	QPSK	19.13	19.07	19.19	19.50
		MID	QPSK	19.25	18.97	19.19	19.50
		HIGH	QPSK	19.07	18.98	19.04	19.50
	75	LOW	QPSK	18.96	19.13	19.27	19.50
15	1	LOW	Q16	19.48	19.45	19.20	19.50
		MID	Q16	19.20	19.17	19.01	19.50
		HIGH	Q16	19.15	19.24	18.89	19.50
	36	LOW	Q16	19.07	19.12	19.00	19.50
		MID	Q16	19.05	19.08	19.09	19.50
		HIGH	Q16	19.12	19.17	18.91	19.50
	75	LOW	Q16	19.16	19.17	19.01	19.50
15	1	LOW	64QAM	19.34	19.18	19.07	19.50
		MID	64QAM	19.06	19.21	19.01	19.50
		HIGH	64QAM	19.08	19.32	19.12	19.50
	36	LOW	64QAM	18.85	18.91	18.90	19.50
		MID	64QAM	19.14	19.24	19.19	19.50
		HIGH	64QAM	18.86	19.13	18.76	19.50
	75	LOW	64QAM	19.32	18.92	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.09	19.15	**19.18**	19.50
		MID	QPSK	18.96	19.11	19.01	19.50
		HIGH	QPSK	18.91	19.02	19.04	19.50
	50	LOW	QPSK	19.21	19.17	**19.22**	19.50
		MID	QPSK	19.15	19.14	19.17	19.50
		HIGH	QPSK	19.10	19.09	19.09	19.50
	100	LOW	QPSK	**19.17**	19.11	**19.17**	19.50
20	1	LOW	Q16	19.24	19.45	19.44	19.50
		MID	Q16	19.12	19.31	19.35	19.50
		HIGH	Q16	19.10	19.28	19.29	19.50
	50	LOW	Q16	19.17	19.20	19.19	19.50
		MID	Q16	19.17	19.20	19.22	19.50
		HIGH	Q16	19.08	19.15	19.12	19.50
	100	LOW	Q16	19.12	19.15	19.22	19.50
20	1	LOW	64QAM	19.09	19.33	19.46	19.50
		MID	64QAM	18.95	19.23	19.14	19.50
		HIGH	64QAM	19.10	19.28	19.14	19.50
	50	LOW	64QAM	19.07	18.99	18.98	19.50
		MID	64QAM	19.17	19.30	19.22	19.50
		HIGH	64QAM	18.95	19.09	18.95	19.50
	100	LOW	64QAM	19.06	19.07	19.30	19.50

LTE B4-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.82	17.95	18.08	18.50
		MID	QPSK	17.99	17.98	18.18	18.50
		HIGH	QPSK	18.06	18.10	18.23	18.50
	3	LOW	QPSK	18.08	17.93	17.97	18.50
		MID	QPSK	18.18	17.98	18.22	18.50
		HIGH	QPSK	18.11	18.11	18.03	18.50
	6	LOW	QPSK	18.17	18.12	18.05	18.50
1.4	1	LOW	Q16	18.08	18.11	18.06	18.50
		MID	Q16	18.12	17.98	18.26	18.50
		HIGH	Q16	18.26	17.88	17.92	18.50
	3	LOW	Q16	18.02	18.16	18.02	18.50
		MID	Q16	17.96	17.96	18.07	18.50
		HIGH	Q16	17.94	17.97	18.04	18.50
	6	LOW	Q16	18.04	18.03	18.19	18.50
1.4	1	LOW	64QAM	18.26	18.19	18.06	18.50
		MID	64QAM	18.16	18.14	18.08	18.50
		HIGH	64QAM	18.02	17.95	18.00	18.50
	3	LOW	64QAM	17.89	18.03	18.21	18.50
		MID	64QAM	18.07	18.22	18.27	18.50
		HIGH	64QAM	18.10	18.11	18.19	18.50
	6	LOW	64QAM	18.06	17.91	18.01	18.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.00	17.93	18.04	18.50
		MID	QPSK	17.75	18.02	18.04	18.50
		HIGH	QPSK	18.08	18.08	18.03	18.50
	8	LOW	QPSK	17.93	18.14	17.95	18.50
		MID	QPSK	18.00	17.93	18.16	18.50
		HIGH	QPSK	17.97	18.24	18.21	18.50
	15	LOW	QPSK	17.95	18.09	18.11	18.50
3	1	LOW	Q16	18.08	18.06	18.35	18.50
		MID	Q16	18.01	18.14	18.26	18.50
		HIGH	Q16	18.29	17.98	18.12	18.50
	8	LOW	Q16	18.02	18.02	18.20	18.50
		MID	Q16	18.17	17.92	18.27	18.50
		HIGH	Q16	17.92	18.13	18.16	18.50
	15	LOW	Q16	18.18	18.02	18.03	18.50
3	1	LOW	64QAM	18.22	18.03	18.15	18.50
		MID	64QAM	18.07	18.16	18.08	18.50
		HIGH	64QAM	18.24	17.93	17.97	18.50
	8	LOW	64QAM	17.83	18.19	18.24	18.50
		MID	64QAM	17.98	18.11	18.13	18.50
		HIGH	64QAM	18.10	18.06	18.20	18.50
	15	LOW	64QAM	17.92	18.07	18.26	18.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.05	17.96	17.90	18.50
		MID	QPSK	17.97	17.80	18.11	18.50
		HIGH	QPSK	17.97	18.01	17.96	18.50
	12	LOW	QPSK	18.11	17.98	18.15	18.50
		MID	QPSK	17.95	17.93	18.29	18.50
		HIGH	QPSK	18.15	18.22	18.08	18.50
	25	LOW	QPSK	17.95	17.87	18.20	18.50
5	1	LOW	Q16	18.14	18.15	18.06	18.50
		MID	Q16	18.23	18.21	18.13	18.50
		HIGH	Q16	18.19	17.91	18.01	18.50
	12	LOW	Q16	17.84	18.13	18.20	18.50
		MID	Q16	18.15	18.08	18.17	18.50
		HIGH	Q16	17.85	18.19	18.05	18.50
	25	LOW	Q16	17.97	18.03	18.24	18.50
5	1	LOW	64QAM	18.31	18.19	18.17	18.50
		MID	64QAM	18.00	18.02	18.35	18.50
		HIGH	64QAM	18.17	17.95	17.93	18.50
	12	LOW	64QAM	17.87	18.08	18.21	18.50
		MID	64QAM	18.11	18.06	18.22	18.50
		HIGH	64QAM	17.92	18.07	18.13	18.50
	25	LOW	64QAM	17.99	18.13	18.12	18.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.78	17.82	18.03	18.50
		MID	QPSK	18.00	17.86	17.98	18.50
		HIGH	QPSK	17.92	17.96	17.98	18.50
	25	LOW	QPSK	18.04	18.16	18.06	18.50
		MID	QPSK	18.13	17.93	18.22	18.50
		HIGH	QPSK	17.91	18.15	18.01	18.50
	50	LOW	QPSK	18.03	17.87	18.20	18.50
10	1	LOW	Q16	18.12	18.15	18.21	18.50
		MID	Q16	18.04	17.96	18.32	18.50
		HIGH	Q16	18.17	18.11	17.87	18.50
	25	LOW	Q16	17.98	18.00	18.04	18.50
		MID	Q16	18.15	18.08	18.20	18.50
		HIGH	Q16	17.87	18.10	18.25	18.50
	50	LOW	Q16	18.09	18.16	18.04	18.50
10	1	LOW	64QAM	18.28	18.23	18.20	18.50
		MID	64QAM	18.16	18.11	18.33	18.50
		HIGH	64QAM	18.15	18.00	17.97	18.50
	25	LOW	64QAM	18.08	18.25	18.26	18.50
		MID	64QAM	18.02	18.07	18.27	18.50
		HIGH	64QAM	18.19	17.95	17.97	18.50
	50	LOW	64QAM	17.94	18.14	18.30	18.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	17.87	17.86	18.13	18.50
		MID	QPSK	17.82	18.00	17.95	18.50
		HIGH	QPSK	17.97	18.17	18.14	18.50
	36	LOW	QPSK	18.13	17.94	18.20	18.50
		MID	QPSK	18.15	17.96	18.02	18.50
		HIGH	QPSK	18.13	18.20	18.08	18.50
	75	LOW	QPSK	18.06	18.05	18.18	18.50
15	1	LOW	Q16	18.08	18.09	18.35	18.50
		MID	Q16	18.21	18.08	18.10	18.50
		HIGH	Q16	18.13	17.91	17.96	18.50
	36	LOW	Q16	17.94	17.91	18.20	18.50
		MID	Q16	18.05	18.12	18.02	18.50
		HIGH	Q16	17.87	18.13	18.00	18.50
	75	LOW	Q16	17.98	18.03	18.19	18.50
15	1	LOW	64QAM	18.10	18.10	18.26	18.50
		MID	64QAM	18.02	18.05	18.08	18.50
		HIGH	64QAM	18.18	17.93	17.95	18.50
	36	LOW	64QAM	18.08	18.30	18.17	18.50
		MID	64QAM	18.05	18.24	18.36	18.50
		HIGH	64QAM	18.17	17.97	18.17	18.50
	75	LOW	64QAM	18.05	17.95	18.10	18.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.96	18.00	18.08	18.50
		MID	QPSK	17.95	18.00	18.09	18.50
		HIGH	QPSK	17.99	18.10	**18.14**	18.50
	50	LOW	QPSK	18.04	18.07	18.11	18.50
		MID	QPSK	18.13	18.09	**18.20**	18.50
		HIGH	QPSK	18.11	18.15	18.19	18.50
	100	LOW	QPSK	18.08	18.07	**18.16**	18.50
20	1	LOW	Q16	18.21	18.22	18.26	18.50
		MID	Q16	18.19	18.12	18.28	18.50
		HIGH	Q16	18.24	18.02	18.03	18.50
	50	LOW	Q16	17.98	18.09	18.13	18.50
		MID	Q16	18.10	18.12	18.22	18.50
		HIGH	Q16	18.05	18.17	18.20	18.50
	100	LOW	Q16	18.11	18.07	18.19	18.50
20	1	LOW	64QAM	18.26	18.23	18.22	18.50
		MID	64QAM	18.09	18.09	18.28	18.50
		HIGH	64QAM	18.22	18.00	18.04	18.50
	50	LOW	64QAM	18.03	18.23	18.28	18.50
		MID	64QAM	18.18	18.22	18.31	18.50
		HIGH	64QAM	18.12	18.02	18.15	18.50
	100	LOW	64QAM	18.01	18.09	18.21	18.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.56	13.68	13.63	14.00
		MID	QPSK	13.58	13.48	13.80	14.00
		HIGH	QPSK	13.60	13.68	13.67	14.00
	3	LOW	QPSK	13.52	13.72	13.70	14.00
		MID	QPSK	13.65	13.59	13.66	14.00
		HIGH	QPSK	13.67	13.63	13.77	14.00
	6	LOW	QPSK	13.70	13.66	13.68	14.00
1.4	1	LOW	Q16	13.47	13.62	13.57	14.00
		MID	Q16	13.40	13.43	13.89	14.00
		HIGH	Q16	13.44	13.65	13.64	14.00
	3	LOW	Q16	13.62	13.52	13.71	14.00
		MID	Q16	13.81	13.63	13.64	14.00
		HIGH	Q16	13.64	13.65	13.72	14.00
	6	LOW	Q16	13.68	13.63	13.60	14.00
1.4	1	LOW	64QAM	13.68	13.37	13.74	14.00
		MID	64QAM	13.40	13.41	13.50	14.00
		HIGH	64QAM	13.60	13.75	13.78	14.00
	3	LOW	64QAM	13.70	13.64	13.71	14.00
		MID	64QAM	13.50	13.59	13.70	14.00
		HIGH	64QAM	13.70	13.56	13.67	14.00
	6	LOW	64QAM	13.72	13.79	13.72	14.00
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	13.51	13.46	13.78	14.00
		MID	QPSK	13.58	13.67	13.69	14.00
		HIGH	QPSK	13.59	13.63	13.64	14.00
	8	LOW	QPSK	13.52	13.68	13.73	14.00
		MID	QPSK	13.69	13.66	13.70	14.00
		HIGH	QPSK	13.79	13.78	13.86	14.00
	15	LOW	QPSK	13.65	13.66	13.63	14.00
3	1	LOW	Q16	13.48	13.59	13.72	14.00
		MID	Q16	13.34	13.57	13.86	14.00
		HIGH	Q16	13.47	13.80	13.75	14.00
	8	LOW	Q16	13.68	13.47	13.52	14.00
		MID	Q16	13.68	13.53	13.68	14.00
		HIGH	Q16	13.64	13.61	13.74	14.00
	15	LOW	Q16	13.72	13.63	13.64	14.00
3	1	LOW	64QAM	13.64	13.44	13.78	14.00
		MID	64QAM	13.40	13.52	13.60	14.00
		HIGH	64QAM	13.69	13.71	13.75	14.00
	8	LOW	64QAM	13.51	13.64	13.71	14.00
		MID	64QAM	13.57	13.72	13.70	14.00
		HIGH	64QAM	13.53	13.59	13.82	14.00
	15	LOW	64QAM	13.83	13.75	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	13.53	13.54	13.75	14.00
		MID	QPSK	13.64	13.51	13.80	14.00
		HIGH	QPSK	13.65	13.61	13.82	14.00
	12	LOW	QPSK	13.56	13.70	13.63	14.00
		MID	QPSK	13.72	13.80	13.65	14.00
		HIGH	QPSK	13.75	13.76	13.83	14.00
	25	LOW	QPSK	13.58	13.62	13.71	14.00
5	1	LOW	Q16	13.55	13.55	13.60	14.00
		MID	Q16	13.48	13.40	13.75	14.00
		HIGH	Q16	13.66	13.72	13.76	14.00
	12	LOW	Q16	13.72	13.51	13.70	14.00
		MID	Q16	13.70	13.73	13.52	14.00
		HIGH	Q16	13.76	13.61	13.75	14.00
	25	LOW	Q16	13.73	13.45	13.65	14.00
5	1	LOW	64QAM	13.72	13.36	13.66	14.00
		MID	64QAM	13.45	13.50	13.64	14.00
		HIGH	64QAM	13.70	13.64	13.74	14.00
	12	LOW	64QAM	13.56	13.52	13.62	14.00
		MID	64QAM	13.71	13.62	13.55	14.00
		HIGH	64QAM	13.53	13.63	13.79	14.00
	25	LOW	64QAM	13.68	13.66	13.69	14.00
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	13.55	13.56	13.76	14.00
		MID	QPSK	13.64	13.58	13.83	14.00
		HIGH	QPSK	13.69	13.61	13.67	14.00
	25	LOW	QPSK	13.62	13.67	13.72	14.00
		MID	QPSK	13.61	13.62	13.80	14.00
		HIGH	QPSK	13.64	13.81	13.87	14.00
	50	LOW	QPSK	13.58	13.64	13.79	14.00
10	1	LOW	Q16	13.59	13.63	13.57	14.00
		MID	Q16	13.38	13.43	13.89	14.00
		HIGH	Q16	13.51	13.70	13.65	14.00
	25	LOW	Q16	13.65	13.50	13.66	14.00
		MID	Q16	13.71	13.56	13.67	14.00
		HIGH	Q16	13.78	13.65	13.83	14.00
	50	LOW	Q16	13.54	13.65	13.56	14.00
10	1	LOW	64QAM	13.68	13.53	13.66	14.00
		MID	64QAM	13.34	13.38	13.47	14.00
		HIGH	64QAM	13.51	13.74	13.71	14.00
	25	LOW	64QAM	13.52	13.43	13.70	14.00
		MID	64QAM	13.56	13.68	13.71	14.00
		HIGH	64QAM	13.67	13.69	13.69	14.00
	50	LOW	64QAM	13.73	13.64	13.72	14.00

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	13.53	13.65	13.61	14.00
		MID	QPSK	13.54	13.52	13.65	14.00
		HIGH	QPSK	13.71	13.80	13.67	14.00
	36	LOW	QPSK	13.53	13.56	13.70	14.00
		MID	QPSK	13.69	13.62	13.76	14.00
		HIGH	QPSK	13.76	13.78	13.79	14.00
	75	LOW	QPSK	13.68	13.71	13.63	14.00
15	1	LOW	Q16	13.51	13.53	13.64	14.00
		MID	Q16	13.49	13.38	13.71	14.00
		HIGH	Q16	13.54	13.61	13.61	14.00
	36	LOW	Q16	13.71	13.51	13.73	14.00
		MID	Q16	13.76	13.68	13.56	14.00
		HIGH	Q16	13.75	13.51	13.70	14.00
	75	LOW	Q16	13.74	13.55	13.59	14.00
15	1	LOW	64QAM	13.57	13.50	13.63	14.00
		MID	64QAM	13.38	13.39	13.54	14.00
		HIGH	64QAM	13.64	13.70	13.70	14.00
	36	LOW	64QAM	13.62	13.62	13.67	14.00
		MID	64QAM	13.67	13.76	13.68	14.00
		HIGH	64QAM	13.66	13.77	13.85	14.00
	75	LOW	64QAM	13.66	13.66	13.65	14.00
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	13.63	13.61	13.75	14.00
		MID	QPSK	13.57	13.63	13.76	14.00
		HIGH	QPSK	13.64	13.73	**13.79**	14.00
	50	LOW	QPSK	13.67	13.67	13.73	14.00
		MID	QPSK	13.76	13.73	13.77	14.00
		HIGH	QPSK	13.75	13.77	**13.83**	14.00
	100	LOW	QPSK	13.73	13.67	**13.75**	14.00
20	1	LOW	Q16	13.52	13.58	13.67	14.00
		MID	Q16	13.49	13.52	13.83	14.00
		HIGH	Q16	13.59	13.76	13.76	14.00
	50	LOW	Q16	13.72	13.62	13.66	14.00
		MID	Q16	13.75	13.68	13.67	14.00
		HIGH	Q16	13.79	13.66	13.82	14.00
	100	LOW	Q16	13.69	13.60	13.64	14.00
20	1	LOW	64QAM	13.68	13.49	13.78	14.00
		MID	64QAM	13.49	13.53	13.61	14.00
		HIGH	64QAM	13.65	13.74	13.82	14.00
	50	LOW	64QAM	13.66	13.57	13.77	14.00
		MID	64QAM	13.64	13.69	13.67	14.00
		HIGH	64QAM	13.63	13.70	13.79	14.00
	100	LOW	64QAM	13.76	13.74	13.65	14.00

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.56	13.68	13.63	14.00
		MID	QPSK	13.58	13.48	13.80	14.00
		HIGH	QPSK	13.60	13.68	13.67	14.00
	3	LOW	QPSK	13.52	13.72	13.70	14.00
		MID	QPSK	13.65	13.59	13.66	14.00
		HIGH	QPSK	13.67	13.63	13.77	14.00
	6	LOW	QPSK	13.70	13.66	13.68	14.00
1.4	1	LOW	Q16	13.47	13.62	13.57	14.00
		MID	Q16	13.40	13.43	13.89	14.00
		HIGH	Q16	13.44	13.65	13.64	14.00
	3	LOW	Q16	13.62	13.52	13.71	14.00
		MID	Q16	13.81	13.63	13.64	14.00
		HIGH	Q16	13.64	13.65	13.72	14.00
	6	LOW	Q16	13.68	13.63	13.60	14.00
1.4	1	LOW	64QAM	13.68	13.37	13.74	14.00
		MID	64QAM	13.40	13.41	13.50	14.00
		HIGH	64QAM	13.60	13.75	13.78	14.00
	3	LOW	64QAM	13.70	13.64	13.71	14.00
		MID	64QAM	13.50	13.59	13.70	14.00
		HIGH	64QAM	13.70	13.56	13.67	14.00
	6	LOW	64QAM	13.72	13.79	13.72	14.00
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	13.51	13.46	13.78	14.00
		MID	QPSK	13.58	13.67	13.69	14.00
		HIGH	QPSK	13.59	13.63	13.64	14.00
	8	LOW	QPSK	13.52	13.68	13.73	14.00
		MID	QPSK	13.69	13.66	13.70	14.00
		HIGH	QPSK	13.79	13.78	13.86	14.00
	15	LOW	QPSK	13.65	13.66	13.63	14.00
3	1	LOW	Q16	13.48	13.59	13.72	14.00
		MID	Q16	13.34	13.57	13.86	14.00
		HIGH	Q16	13.47	13.80	13.75	14.00
	8	LOW	Q16	13.68	13.47	13.52	14.00
		MID	Q16	13.68	13.53	13.68	14.00
		HIGH	Q16	13.64	13.61	13.74	14.00
	15	LOW	Q16	13.72	13.63	13.64	14.00
3	1	LOW	64QAM	13.64	13.44	13.78	14.00
		MID	64QAM	13.40	13.52	13.60	14.00
		HIGH	64QAM	13.69	13.71	13.75	14.00
	8	LOW	64QAM	13.51	13.64	13.71	14.00
		MID	64QAM	13.57	13.72	13.70	14.00
		HIGH	64QAM	13.53	13.59	13.82	14.00
	15	LOW	64QAM	13.83	13.75	13.55	14.00

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	13.53	13.54	13.75	14.00
		MID	QPSK	13.64	13.51	13.80	14.00
		HIGH	QPSK	13.65	13.61	13.82	14.00
	12	LOW	QPSK	13.56	13.70	13.63	14.00
		MID	QPSK	13.72	13.80	13.65	14.00
		HIGH	QPSK	13.75	13.76	13.83	14.00
	25	LOW	QPSK	13.58	13.62	13.71	14.00
5	1	LOW	Q16	13.55	13.55	13.60	14.00
		MID	Q16	13.48	13.40	13.75	14.00
		HIGH	Q16	13.66	13.72	13.76	14.00
	12	LOW	Q16	13.72	13.51	13.70	14.00
		MID	Q16	13.70	13.73	13.52	14.00
		HIGH	Q16	13.76	13.61	13.75	14.00
	25	LOW	Q16	13.73	13.45	13.65	14.00
5	1	LOW	64QAM	13.72	13.36	13.66	14.00
		MID	64QAM	13.45	13.50	13.64	14.00
		HIGH	64QAM	13.70	13.64	13.74	14.00
	12	LOW	64QAM	13.56	13.52	13.62	14.00
		MID	64QAM	13.71	13.62	13.55	14.00
		HIGH	64QAM	13.53	13.63	13.79	14.00
	25	LOW	64QAM	13.68	13.66	13.69	14.00
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	13.55	13.56	13.76	14.00
		MID	QPSK	13.64	13.58	13.83	14.00
		HIGH	QPSK	13.69	13.61	13.67	14.00
	25	LOW	QPSK	13.62	13.67	13.72	14.00
		MID	QPSK	13.61	13.62	13.80	14.00
		HIGH	QPSK	13.64	13.81	13.87	14.00
	50	LOW	QPSK	13.58	13.64	13.79	14.00
10	1	LOW	Q16	13.59	13.63	13.57	14.00
		MID	Q16	13.38	13.43	13.89	14.00
		HIGH	Q16	13.51	13.70	13.65	14.00
	25	LOW	Q16	13.65	13.50	13.66	14.00
		MID	Q16	13.71	13.56	13.67	14.00
		HIGH	Q16	13.78	13.65	13.83	14.00
	50	LOW	Q16	13.54	13.65	13.56	14.00
10	1	LOW	64QAM	13.68	13.53	13.66	14.00
		MID	64QAM	13.34	13.38	13.47	14.00
		HIGH	64QAM	13.51	13.74	13.71	14.00
	25	LOW	64QAM	13.52	13.43	13.70	14.00
		MID	64QAM	13.56	13.68	13.71	14.00
		HIGH	64QAM	13.67	13.69	13.69	14.00
	50	LOW	64QAM	13.73	13.64	13.72	14.00

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	13.53	13.65	13.61	14.00
		MID	QPSK	13.54	13.52	13.65	14.00
		HIGH	QPSK	13.71	13.80	13.67	14.00
	36	LOW	QPSK	13.53	13.56	13.70	14.00
		MID	QPSK	13.69	13.62	13.76	14.00
		HIGH	QPSK	13.76	13.78	13.79	14.00
	75	LOW	QPSK	13.68	13.71	13.63	14.00
15	1	LOW	Q16	13.51	13.53	13.64	14.00
		MID	Q16	13.49	13.38	13.71	14.00
		HIGH	Q16	13.54	13.61	13.61	14.00
	36	LOW	Q16	13.71	13.51	13.73	14.00
		MID	Q16	13.76	13.68	13.56	14.00
		HIGH	Q16	13.75	13.51	13.70	14.00
	75	LOW	Q16	13.74	13.55	13.59	14.00
15	1	LOW	64QAM	13.57	13.50	13.63	14.00
		MID	64QAM	13.38	13.39	13.54	14.00
		HIGH	64QAM	13.64	13.70	13.70	14.00
	36	LOW	64QAM	13.62	13.62	13.67	14.00
		MID	64QAM	13.67	13.76	13.68	14.00
		HIGH	64QAM	13.66	13.77	13.85	14.00
	75	LOW	64QAM	13.66	13.66	13.65	14.00
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	13.63	13.61	13.75	14.00
		MID	QPSK	13.57	13.63	13.76	14.00
		HIGH	QPSK	13.64	13.73	**13.79**	14.00
	50	LOW	QPSK	13.67	13.67	13.73	14.00
		MID	QPSK	13.76	13.73	13.77	14.00
		HIGH	QPSK	13.75	13.77	**13.83**	14.00
	100	LOW	QPSK	13.73	13.67	**13.75**	14.00
20	1	LOW	Q16	13.52	13.58	13.67	14.00
		MID	Q16	13.49	13.52	13.83	14.00
		HIGH	Q16	13.59	13.76	13.76	14.00
	50	LOW	Q16	13.72	13.62	13.66	14.00
		MID	Q16	13.75	13.68	13.67	14.00
		HIGH	Q16	13.79	13.66	13.82	14.00
	100	LOW	Q16	13.69	13.60	13.64	14.00
20	1	LOW	64QAM	13.68	13.49	13.78	14.00
		MID	64QAM	13.49	13.53	13.61	14.00
		HIGH	64QAM	13.65	13.74	13.82	14.00
	50	LOW	64QAM	13.66	13.57	13.77	14.00
		MID	64QAM	13.64	13.69	13.67	14.00
		HIGH	64QAM	13.63	13.70	13.79	14.00
	100	LOW	64QAM	13.76	13.74	13.65	14.00

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.03	19.05	19.05	19.50
		MID	QPSK	18.97	18.96	19.05	19.50
		HIGH	QPSK	19.12	18.94	18.83	19.50
	3	LOW	QPSK	19.17	19.07	19.02	19.50
		MID	QPSK	19.07	19.16	19.04	19.50
		HIGH	QPSK	18.92	18.90	19.08	19.50
	6	LOW	QPSK	19.23	18.98	18.96	19.50
1.4	1	LOW	Q16	19.32	19.43	19.22	19.50
		MID	Q16	19.14	19.12	19.16	19.50
		HIGH	Q16	19.27	19.32	19.20	19.50
	3	LOW	Q16	19.00	19.03	18.96	19.50
		MID	Q16	19.14	19.26	19.13	19.50
		HIGH	Q16	19.02	19.17	18.87	19.50
	6	LOW	Q16	19.26	19.13	18.99	19.50
1.4	1	LOW	64QAM	19.48	19.21	18.90	19.50
		MID	64QAM	19.08	19.02	19.01	19.50
		HIGH	64QAM	19.03	19.22	19.06	19.50
	3	LOW	64QAM	18.77	18.91	19.05	19.50
		MID	64QAM	19.32	19.20	19.27	19.50
		HIGH	64QAM	18.95	18.99	18.82	19.50
	6	LOW	64QAM	19.34	19.09	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.16	19.07	19.17	19.50
		MID	QPSK	18.88	19.05	19.05	19.50
		HIGH	QPSK	18.98	19.08	18.87	19.50
	8	LOW	QPSK	19.02	19.07	19.25	19.50
		MID	QPSK	19.17	18.97	19.04	19.50
		HIGH	QPSK	19.03	19.05	19.00	19.50
	15	LOW	QPSK	18.98	19.05	18.96	19.50
3	1	LOW	Q16	19.34	19.39	19.34	19.50
		MID	Q16	19.27	19.33	18.97	19.50
		HIGH	Q16	19.10	19.36	18.91	19.50
	8	LOW	Q16	19.09	19.20	19.07	19.50
		MID	Q16	19.26	19.01	19.21	19.50
		HIGH	Q16	18.91	19.00	19.14	19.50
	15	LOW	Q16	19.01	19.15	18.97	19.50
3	1	LOW	64QAM	19.32	19.21	19.17	19.50
		MID	64QAM	18.95	19.27	19.01	19.50
		HIGH	64QAM	19.03	19.09	18.97	19.50
	8	LOW	64QAM	18.77	18.95	18.94	19.50
		MID	64QAM	19.30	19.11	19.23	19.50
		HIGH	64QAM	18.78	19.17	18.91	19.50
	15	LOW	64QAM	19.24	19.05	19.12	19.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.07	18.88	19.50
		MID	QPSK	19.09	18.98	19.00	19.50
		HIGH	QPSK	19.12	19.08	19.00	19.50
	12	LOW	QPSK	19.04	19.17	19.17	19.50
		MID	QPSK	19.23	19.03	19.09	19.50
		HIGH	QPSK	18.99	19.11	19.10	19.50
	25	LOW	QPSK	19.04	19.07	18.98	19.50
5	1	LOW	Q16	19.42	19.26	19.11	19.50
		MID	Q16	19.18	19.23	18.97	19.50
		HIGH	Q16	19.31	19.11	19.00	19.50
	12	LOW	Q16	19.02	19.18	19.02	19.50
		MID	Q16	19.32	19.24	19.04	19.50
		HIGH	Q16	18.97	18.96	19.14	19.50
	25	LOW	Q16	19.30	19.00	19.20	19.50
5	1	LOW	64QAM	19.36	19.37	18.90	19.50
		MID	64QAM	19.14	19.02	18.99	19.50
		HIGH	64QAM	19.16	19.16	19.06	19.50
	12	LOW	64QAM	18.96	19.01	19.13	19.50
		MID	64QAM	19.16	19.32	19.27	19.50
		HIGH	64QAM	18.74	19.11	19.03	19.50
	25	LOW	64QAM	19.26	19.01	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.07	18.92	19.50
		MID	QPSK	18.82	19.03	18.92	19.50
		HIGH	QPSK	19.14	18.89	18.72	19.50
	25	LOW	QPSK	19.15	19.09	19.31	19.50
		MID	QPSK	19.07	19.16	19.07	19.50
		HIGH	QPSK	18.98	19.15	18.95	19.50
	50	LOW	QPSK	19.11	19.09	19.19	19.50
10	1	LOW	Q16	19.25	19.47	19.05	19.50
		MID	Q16	19.14	19.35	19.12	19.50
		HIGH	Q16	19.08	19.24	19.18	19.50
	25	LOW	Q16	19.15	19.14	19.13	19.50
		MID	Q16	19.18	19.30	18.96	19.50
		HIGH	Q16	19.02	18.94	19.00	19.50
	50	LOW	Q16	19.32	19.15	18.95	19.50
10	1	LOW	64QAM	19.46	19.21	19.11	19.50
		MID	64QAM	19.24	19.31	18.87	19.50
		HIGH	64QAM	18.97	19.26	19.10	19.50
	25	LOW	64QAM	18.96	19.01	18.99	19.50
		MID	64QAM	19.20	19.36	19.04	19.50
		HIGH	64QAM	19.01	19.19	18.87	19.50
	50	LOW	64QAM	19.11	19.01	18.85	19.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.01	19.11	18.90	19.50
		MID	QPSK	18.97	18.92	18.79	19.50
		HIGH	QPSK	18.98	19.08	18.85	19.50
	36	LOW	QPSK	19.13	19.07	19.19	19.50
		MID	QPSK	19.25	18.97	19.19	19.50
		HIGH	QPSK	19.07	18.98	19.04	19.50
	75	LOW	QPSK	18.96	19.13	19.27	19.50
15	1	LOW	Q16	19.48	19.45	19.20	19.50
		MID	Q16	19.20	19.17	19.01	19.50
		HIGH	Q16	19.15	19.24	18.89	19.50
	36	LOW	Q16	19.07	19.12	19.00	19.50
		MID	Q16	19.05	19.08	19.09	19.50
		HIGH	Q16	19.12	19.17	18.91	19.50
	75	LOW	Q16	19.16	19.17	19.01	19.50
15	1	LOW	64QAM	19.34	19.18	19.07	19.50
		MID	64QAM	19.06	19.21	19.01	19.50
		HIGH	64QAM	19.08	19.32	19.12	19.50
	36	LOW	64QAM	18.85	18.91	18.90	19.50
		MID	64QAM	19.14	19.24	19.19	19.50
		HIGH	64QAM	18.86	19.13	18.76	19.50
	75	LOW	64QAM	19.32	18.92	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.09	19.15	**19.18**	19.50
		MID	QPSK	18.96	19.11	19.01	19.50
		HIGH	QPSK	18.91	19.02	19.04	19.50
	50	LOW	QPSK	19.21	19.17	**19.22**	19.50
		MID	QPSK	19.15	19.14	19.17	19.50
		HIGH	QPSK	19.10	19.09	19.09	19.50
	100	LOW	QPSK	**19.17**	19.11	**19.17**	19.50
20	1	LOW	Q16	19.24	19.45	19.44	19.50
		MID	Q16	19.12	19.31	19.35	19.50
		HIGH	Q16	19.10	19.28	19.29	19.50
	50	LOW	Q16	19.17	19.20	19.19	19.50
		MID	Q16	19.17	19.20	19.22	19.50
		HIGH	Q16	19.08	19.15	19.12	19.50
	100	LOW	Q16	19.12	19.15	19.22	19.50
20	1	LOW	64QAM	19.09	19.33	19.46	19.50
		MID	64QAM	18.95	19.23	19.14	19.50
		HIGH	64QAM	19.10	19.28	19.14	19.50
	50	LOW	64QAM	19.07	18.99	18.98	19.50
		MID	64QAM	19.17	19.30	19.22	19.50
		HIGH	64QAM	18.95	19.09	18.95	19.50
	100	LOW	64QAM	19.06	19.07	19.30	19.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.03	19.05	19.05	19.50
		MID	QPSK	18.97	18.96	19.05	19.50
		HIGH	QPSK	19.12	18.94	18.83	19.50
	3	LOW	QPSK	19.17	19.07	19.02	19.50
		MID	QPSK	19.07	19.16	19.04	19.50
		HIGH	QPSK	18.92	18.90	19.08	19.50
	6	LOW	QPSK	19.23	18.98	18.96	19.50
1.4	1	LOW	Q16	19.32	19.43	19.22	19.50
		MID	Q16	19.14	19.12	19.16	19.50
		HIGH	Q16	19.27	19.32	19.20	19.50
	3	LOW	Q16	19.00	19.03	18.96	19.50
		MID	Q16	19.14	19.26	19.13	19.50
		HIGH	Q16	19.02	19.17	18.87	19.50
	6	LOW	Q16	19.26	19.13	18.99	19.50
1.4	1	LOW	64QAM	19.48	19.21	18.90	19.50
		MID	64QAM	19.08	19.02	19.01	19.50
		HIGH	64QAM	19.03	19.22	19.06	19.50
	3	LOW	64QAM	18.77	18.91	19.05	19.50
		MID	64QAM	19.32	19.20	19.27	19.50
		HIGH	64QAM	18.95	18.99	18.82	19.50
	6	LOW	64QAM	19.34	19.09	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.16	19.07	19.17	19.50
		MID	QPSK	18.88	19.05	19.05	19.50
		HIGH	QPSK	18.98	19.08	18.87	19.50
	8	LOW	QPSK	19.02	19.07	19.25	19.50
		MID	QPSK	19.17	18.97	19.04	19.50
		HIGH	QPSK	19.03	19.05	19.00	19.50
	15	LOW	QPSK	18.98	19.05	18.96	19.50
3	1	LOW	Q16	19.34	19.39	19.34	19.50
		MID	Q16	19.27	19.33	18.97	19.50
		HIGH	Q16	19.10	19.36	18.91	19.50
	8	LOW	Q16	19.09	19.20	19.07	19.50
		MID	Q16	19.26	19.01	19.21	19.50
		HIGH	Q16	18.91	19.00	19.14	19.50
	15	LOW	Q16	19.01	19.15	18.97	19.50
3	1	LOW	64QAM	19.32	19.21	19.17	19.50
		MID	64QAM	18.95	19.27	19.01	19.50
		HIGH	64QAM	19.03	19.09	18.97	19.50
	8	LOW	64QAM	18.77	18.95	18.94	19.50
		MID	64QAM	19.30	19.11	19.23	19.50
		HIGH	64QAM	18.78	19.17	18.91	19.50
	15	LOW	64QAM	19.24	19.05	19.12	19.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.07	18.88	19.50
		MID	QPSK	19.09	18.98	19.00	19.50
		HIGH	QPSK	19.12	19.08	19.00	19.50
	12	LOW	QPSK	19.04	19.17	19.17	19.50
		MID	QPSK	19.23	19.03	19.09	19.50
		HIGH	QPSK	18.99	19.11	19.10	19.50
	25	LOW	QPSK	19.04	19.07	18.98	19.50
5	1	LOW	Q16	19.42	19.26	19.11	19.50
		MID	Q16	19.18	19.23	18.97	19.50
		HIGH	Q16	19.31	19.11	19.00	19.50
	12	LOW	Q16	19.02	19.18	19.02	19.50
		MID	Q16	19.32	19.24	19.04	19.50
		HIGH	Q16	18.97	18.96	19.14	19.50
	25	LOW	Q16	19.30	19.00	19.20	19.50
5	1	LOW	64QAM	19.36	19.37	18.90	19.50
		MID	64QAM	19.14	19.02	18.99	19.50
		HIGH	64QAM	19.16	19.16	19.06	19.50
	12	LOW	64QAM	18.96	19.01	19.13	19.50
		MID	64QAM	19.16	19.32	19.27	19.50
		HIGH	64QAM	18.74	19.11	19.03	19.50
	25	LOW	64QAM	19.26	19.01	19.12	19.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.07	18.92	19.50
		MID	QPSK	18.82	19.03	18.92	19.50
		HIGH	QPSK	19.14	18.89	18.72	19.50
	25	LOW	QPSK	19.15	19.09	19.31	19.50
		MID	QPSK	19.07	19.16	19.07	19.50
		HIGH	QPSK	18.98	19.15	18.95	19.50
	50	LOW	QPSK	19.11	19.09	19.19	19.50
10	1	LOW	Q16	19.25	19.47	19.05	19.50
		MID	Q16	19.14	19.35	19.12	19.50
		HIGH	Q16	19.08	19.24	19.18	19.50
	25	LOW	Q16	19.15	19.14	19.13	19.50
		MID	Q16	19.18	19.30	18.96	19.50
		HIGH	Q16	19.02	18.94	19.00	19.50
	50	LOW	Q16	19.32	19.15	18.95	19.50
10	1	LOW	64QAM	19.46	19.21	19.11	19.50
		MID	64QAM	19.24	19.31	18.87	19.50
		HIGH	64QAM	18.97	19.26	19.10	19.50
	25	LOW	64QAM	18.96	19.01	18.99	19.50
		MID	64QAM	19.20	19.36	19.04	19.50
		HIGH	64QAM	19.01	19.19	18.87	19.50
	50	LOW	64QAM	19.11	19.01	18.85	19.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.01	19.11	18.90	19.50
		MID	QPSK	18.97	18.92	18.79	19.50
		HIGH	QPSK	18.98	19.08	18.85	19.50
	36	LOW	QPSK	19.13	19.07	19.19	19.50
		MID	QPSK	19.25	18.97	19.19	19.50
		HIGH	QPSK	19.07	18.98	19.04	19.50
	75	LOW	QPSK	18.96	19.13	19.27	19.50
15	1	LOW	Q16	19.48	19.45	19.20	19.50
		MID	Q16	19.20	19.17	19.01	19.50
		HIGH	Q16	19.15	19.24	18.89	19.50
	36	LOW	Q16	19.07	19.12	19.00	19.50
		MID	Q16	19.05	19.08	19.09	19.50
		HIGH	Q16	19.12	19.17	18.91	19.50
	75	LOW	Q16	19.16	19.17	19.01	19.50
15	1	LOW	64QAM	19.34	19.18	19.07	19.50
		MID	64QAM	19.06	19.21	19.01	19.50
		HIGH	64QAM	19.08	19.32	19.12	19.50
	36	LOW	64QAM	18.85	18.91	18.90	19.50
		MID	64QAM	19.14	19.24	19.19	19.50
		HIGH	64QAM	18.86	19.13	18.76	19.50
	75	LOW	64QAM	19.32	18.92	19.04	19.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.09	19.15	**19.18**	19.50
		MID	QPSK	18.96	19.11	19.01	19.50
		HIGH	QPSK	18.91	19.02	19.04	19.50
	50	LOW	QPSK	19.21	19.17	**19.22**	19.50
		MID	QPSK	19.15	19.14	19.17	19.50
		HIGH	QPSK	19.10	19.09	19.09	19.50
	100	LOW	QPSK	**19.17**	19.11	**19.17**	19.50
20	1	LOW	Q16	19.24	19.45	19.44	19.50
		MID	Q16	19.12	19.31	19.35	19.50
		HIGH	Q16	19.10	19.28	19.29	19.50
	50	LOW	Q16	19.17	19.20	19.19	19.50
		MID	Q16	19.17	19.20	19.22	19.50
		HIGH	Q16	19.08	19.15	19.12	19.50
	100	LOW	Q16	19.12	19.15	19.22	19.50
20	1	LOW	64QAM	19.09	19.33	19.46	19.50
		MID	64QAM	18.95	19.23	19.14	19.50
		HIGH	64QAM	19.10	19.28	19.14	19.50
	50	LOW	64QAM	19.07	18.99	18.98	19.50
		MID	64QAM	19.17	19.30	19.22	19.50
		HIGH	64QAM	18.95	19.09	18.95	19.50
	100	LOW	64QAM	19.06	19.07	19.30	19.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.94	18.05	17.92	18.50
		MID	QPSK	17.77	17.95	18.18	18.50
		HIGH	QPSK	17.99	18.08	18.18	18.50
	3	LOW	QPSK	18.13	18.03	17.97	18.50
		MID	QPSK	18.15	18.04	18.04	18.50
		HIGH	QPSK	17.97	18.06	18.19	18.50
	6	LOW	QPSK	17.90	17.93	18.01	18.50
1.4	1	LOW	Q16	18.06	18.31	18.06	18.50
		MID	Q16	18.08	18.01	18.28	18.50
		HIGH	Q16	18.20	17.88	17.94	18.50
	3	LOW	Q16	18.00	18.09	18.20	18.50
		MID	Q16	18.05	17.98	18.09	18.50
		HIGH	Q16	17.89	18.06	18.22	18.50
	6	LOW	Q16	18.18	18.14	17.99	18.50
1.4	1	LOW	64QAM	18.08	18.25	18.13	18.50
		MID	64QAM	18.16	17.95	18.28	18.50
		HIGH	64QAM	18.11	18.09	17.91	18.50
	3	LOW	64QAM	18.12	18.08	18.10	18.50
		MID	64QAM	18.25	18.06	18.13	18.50
		HIGH	64QAM	17.99	17.89	17.99	18.50
	6	LOW	64QAM	18.05	18.07	18.17	18.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.05	17.87	17.92	18.50
		MID	QPSK	18.04	17.89	17.98	18.50
		HIGH	QPSK	17.88	18.01	18.01	18.50
	8	LOW	QPSK	17.88	17.96	17.95	18.50
		MID	QPSK	18.20	18.14	18.07	18.50
		HIGH	QPSK	17.91	18.04	18.17	18.50
	15	LOW	QPSK	18.06	18.16	18.20	18.50
3	1	LOW	Q16	18.21	18.27	18.08	18.50
		MID	Q16	18.01	18.17	18.28	18.50
		HIGH	Q16	18.24	18.07	17.90	18.50
	8	LOW	Q16	17.89	17.98	17.98	18.50
		MID	Q16	18.06	17.92	18.22	18.50
		HIGH	Q16	18.05	18.12	18.29	18.50
	15	LOW	Q16	17.95	17.94	18.17	18.50
3	1	LOW	64QAM	18.31	18.28	18.02	18.50
		MID	64QAM	18.05	17.95	18.17	18.50
		HIGH	64QAM	18.17	18.04	17.86	18.50
	8	LOW	64QAM	17.98	18.21	18.32	18.50
		MID	64QAM	17.98	18.04	18.29	18.50
		HIGH	64QAM	18.17	18.00	18.19	18.50
	15	LOW	64QAM	18.06	18.18	18.23	18.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.03	18.00	17.94	18.50
		MID	QPSK	18.02	18.07	17.91	18.50
		HIGH	QPSK	18.03	18.17	18.12	18.50
	12	LOW	QPSK	17.90	17.98	18.09	18.50
		MID	QPSK	18.09	18.18	18.04	18.50
		HIGH	QPSK	18.00	18.06	18.28	18.50
	25	LOW	QPSK	17.94	17.91	18.05	18.50
5	1	LOW	Q16	18.30	18.22	18.28	18.50
		MID	Q16	18.15	18.03	18.30	18.50
		HIGH	Q16	18.22	17.89	17.92	18.50
	12	LOW	Q16	17.78	18.04	17.95	18.50
		MID	Q16	17.90	18.08	18.02	18.50
		HIGH	Q16	18.05	18.08	18.20	18.50
	25	LOW	Q16	18.02	17.94	18.08	18.50
5	1	LOW	64QAM	18.28	18.32	18.17	18.50
		MID	64QAM	18.00	18.11	18.35	18.50
		HIGH	64QAM	18.17	18.00	17.99	18.50
	12	LOW	64QAM	18.03	18.28	18.23	18.50
		MID	64QAM	18.11	18.06	18.16	18.50
		HIGH	64QAM	18.07	18.00	18.20	18.50
	25	LOW	64QAM	17.85	18.13	18.26	18.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.87	17.93	18.17	18.50
		MID	QPSK	17.93	17.91	18.00	18.50
		HIGH	QPSK	17.99	18.06	18.07	18.50
	25	LOW	QPSK	17.91	17.98	18.04	18.50
		MID	QPSK	17.97	18.04	18.20	18.50
		HIGH	QPSK	18.11	17.99	18.15	18.50
	50	LOW	QPSK	18.08	18.14	18.05	18.50
10	1	LOW	Q16	18.23	18.15	18.30	18.50
		MID	Q16	18.03	18.08	18.24	18.50
		HIGH	Q16	18.11	18.07	18.01	18.50
	25	LOW	Q16	17.87	17.91	17.95	18.50
		MID	Q16	18.19	18.03	18.22	18.50
		HIGH	Q16	17.85	18.13	18.20	18.50
	50	LOW	Q16	18.02	17.98	17.99	18.50
10	1	LOW	64QAM	18.15	18.16	18.31	18.50
		MID	64QAM	18.02	17.93	18.30	18.50
		HIGH	64QAM	18.18	18.00	17.91	18.50
	25	LOW	64QAM	17.89	18.21	18.30	18.50
		MID	64QAM	18.09	18.20	18.35	18.50
		HIGH	64QAM	18.17	17.82	18.24	18.50
	50	LOW	64QAM	17.81	18.04	18.21	18.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.03	18.00	17.99	18.50
		MID	QPSK	17.88	17.80	18.02	18.50
		HIGH	QPSK	17.97	17.97	18.19	18.50
	36	LOW	QPSK	17.88	17.87	18.13	18.50
		MID	QPSK	18.20	18.07	18.27	18.50
		HIGH	QPSK	18.15	17.99	18.01	18.50
	75	LOW	QPSK	18.13	18.03	18.21	18.50
15	1	LOW	Q16	18.23	18.11	18.30	18.50
		MID	Q16	18.17	18.07	18.28	18.50
		HIGH	Q16	18.29	18.07	17.90	18.50
	36	LOW	Q16	18.02	17.95	17.93	18.50
		MID	Q16	18.06	18.19	18.04	18.50
		HIGH	Q16	17.98	18.12	18.18	18.50
	75	LOW	Q16	18.07	18.11	18.28	18.50
15	1	LOW	64QAM	18.24	18.07	18.02	18.50
		MID	64QAM	17.95	18.16	18.21	18.50
		HIGH	64QAM	18.06	17.96	18.09	18.50
	36	LOW	64QAM	18.05	18.18	18.32	18.50
		MID	64QAM	18.27	18.02	18.22	18.50
		HIGH	64QAM	18.19	17.82	18.00	18.50
	75	LOW	64QAM	17.90	18.05	18.23	18.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.96	18.00	18.08	18.50
		MID	QPSK	17.95	18.00	18.09	18.50
		HIGH	QPSK	17.99	18.10	**18.14**	18.50
	50	LOW	QPSK	18.04	18.07	18.11	18.50
		MID	QPSK	18.13	18.09	**18.20**	18.50
		HIGH	QPSK	18.11	18.15	18.19	18.50
	100	LOW	QPSK	18.08	18.07	**18.16**	18.50
20	1	LOW	Q16	18.21	18.22	18.26	18.50
		MID	Q16	18.19	18.12	18.28	18.50
		HIGH	Q16	18.24	18.02	18.03	18.50
	50	LOW	Q16	17.98	18.09	18.13	18.50
		MID	Q16	18.10	18.12	18.22	18.50
		HIGH	Q16	18.05	18.17	18.20	18.50
	100	LOW	Q16	18.11	18.07	18.19	18.50
20	1	LOW	64QAM	18.26	18.23	18.22	18.50
		MID	64QAM	18.09	18.09	18.28	18.50
		HIGH	64QAM	18.22	18.00	18.04	18.50
	50	LOW	64QAM	18.03	18.23	18.28	18.50
		MID	64QAM	18.18	18.22	18.31	18.50
		HIGH	64QAM	18.12	18.02	18.15	18.50
	100	LOW	64QAM	18.01	18.09	18.21	18.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.94	18.05	17.92	18.50
		MID	QPSK	17.77	17.95	18.18	18.50
		HIGH	QPSK	17.99	18.08	18.18	18.50
	3	LOW	QPSK	18.13	18.03	17.97	18.50
		MID	QPSK	18.15	18.04	18.04	18.50
		HIGH	QPSK	17.97	18.06	18.19	18.50
	6	LOW	QPSK	17.90	17.93	18.01	18.50
1.4	1	LOW	Q16	18.06	18.31	18.06	18.50
		MID	Q16	18.08	18.01	18.28	18.50
		HIGH	Q16	18.20	17.88	17.94	18.50
	3	LOW	Q16	18.00	18.09	18.20	18.50
		MID	Q16	18.05	17.98	18.09	18.50
		HIGH	Q16	17.89	18.06	18.22	18.50
	6	LOW	Q16	18.18	18.14	17.99	18.50
1.4	1	LOW	64QAM	18.08	18.25	18.13	18.50
		MID	64QAM	18.16	17.95	18.28	18.50
		HIGH	64QAM	18.11	18.09	17.91	18.50
	3	LOW	64QAM	18.12	18.08	18.10	18.50
		MID	64QAM	18.25	18.06	18.13	18.50
		HIGH	64QAM	17.99	17.89	17.99	18.50
	6	LOW	64QAM	18.05	18.07	18.17	18.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	18.05	17.87	17.92	18.50
		MID	QPSK	18.04	17.89	17.98	18.50
		HIGH	QPSK	17.88	18.01	18.01	18.50
	8	LOW	QPSK	17.88	17.96	17.95	18.50
		MID	QPSK	18.20	18.14	18.07	18.50
		HIGH	QPSK	17.91	18.04	18.17	18.50
	15	LOW	QPSK	18.06	18.16	18.20	18.50
3	1	LOW	Q16	18.21	18.27	18.08	18.50
		MID	Q16	18.01	18.17	18.28	18.50
		HIGH	Q16	18.24	18.07	17.90	18.50
	8	LOW	Q16	17.89	17.98	17.98	18.50
		MID	Q16	18.06	17.92	18.22	18.50
		HIGH	Q16	18.05	18.12	18.29	18.50
	15	LOW	Q16	17.95	17.94	18.17	18.50
3	1	LOW	64QAM	18.31	18.28	18.02	18.50
		MID	64QAM	18.05	17.95	18.17	18.50
		HIGH	64QAM	18.17	18.04	17.86	18.50
	8	LOW	64QAM	17.98	18.21	18.32	18.50
		MID	64QAM	17.98	18.04	18.29	18.50
		HIGH	64QAM	18.17	18.00	18.19	18.50
	15	LOW	64QAM	18.06	18.18	18.23	18.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	18.03	18.00	17.94	18.50
		MID	QPSK	18.02	18.07	17.91	18.50
		HIGH	QPSK	18.03	18.17	18.12	18.50
	12	LOW	QPSK	17.90	17.98	18.09	18.50
		MID	QPSK	18.09	18.18	18.04	18.50
		HIGH	QPSK	18.00	18.06	18.28	18.50
	25	LOW	QPSK	17.94	17.91	18.05	18.50
5	1	LOW	Q16	18.30	18.22	18.28	18.50
		MID	Q16	18.15	18.03	18.30	18.50
		HIGH	Q16	18.22	17.89	17.92	18.50
	12	LOW	Q16	17.78	18.04	17.95	18.50
		MID	Q16	17.90	18.08	18.02	18.50
		HIGH	Q16	18.05	18.08	18.20	18.50
	25	LOW	Q16	18.02	17.94	18.08	18.50
5	1	LOW	64QAM	18.28	18.32	18.17	18.50
		MID	64QAM	18.00	18.11	18.35	18.50
		HIGH	64QAM	18.17	18.00	17.99	18.50
	12	LOW	64QAM	18.03	18.28	18.23	18.50
		MID	64QAM	18.11	18.06	18.16	18.50
		HIGH	64QAM	18.07	18.00	18.20	18.50
	25	LOW	64QAM	17.85	18.13	18.26	18.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.87	17.93	18.17	18.50
		MID	QPSK	17.93	17.91	18.00	18.50
		HIGH	QPSK	17.99	18.06	18.07	18.50
	25	LOW	QPSK	17.91	17.98	18.04	18.50
		MID	QPSK	17.97	18.04	18.20	18.50
		HIGH	QPSK	18.11	17.99	18.15	18.50
	50	LOW	QPSK	18.08	18.14	18.05	18.50
10	1	LOW	Q16	18.23	18.15	18.30	18.50
		MID	Q16	18.03	18.08	18.24	18.50
		HIGH	Q16	18.11	18.07	18.01	18.50
	25	LOW	Q16	17.87	17.91	17.95	18.50
		MID	Q16	18.19	18.03	18.22	18.50
		HIGH	Q16	17.85	18.13	18.20	18.50
	50	LOW	Q16	18.02	17.98	17.99	18.50
10	1	LOW	64QAM	18.15	18.16	18.31	18.50
		MID	64QAM	18.02	17.93	18.30	18.50
		HIGH	64QAM	18.18	18.00	17.91	18.50
	25	LOW	64QAM	17.89	18.21	18.30	18.50
		MID	64QAM	18.09	18.20	18.35	18.50
		HIGH	64QAM	18.17	17.82	18.24	18.50
	50	LOW	64QAM	17.81	18.04	18.21	18.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	18.03	18.00	17.99	18.50
		MID	QPSK	17.88	17.80	18.02	18.50
		HIGH	QPSK	17.97	17.97	18.19	18.50
	36	LOW	QPSK	17.88	17.87	18.13	18.50
		MID	QPSK	18.20	18.07	18.27	18.50
		HIGH	QPSK	18.15	17.99	18.01	18.50
	75	LOW	QPSK	18.13	18.03	18.21	18.50
15	1	LOW	Q16	18.23	18.11	18.30	18.50
		MID	Q16	18.17	18.07	18.28	18.50
		HIGH	Q16	18.29	18.07	17.90	18.50
	36	LOW	Q16	18.02	17.95	17.93	18.50
		MID	Q16	18.06	18.19	18.04	18.50
		HIGH	Q16	17.98	18.12	18.18	18.50
	75	LOW	Q16	18.07	18.11	18.28	18.50
15	1	LOW	64QAM	18.24	18.07	18.02	18.50
		MID	64QAM	17.95	18.16	18.21	18.50
		HIGH	64QAM	18.06	17.96	18.09	18.50
	36	LOW	64QAM	18.05	18.18	18.32	18.50
		MID	64QAM	18.27	18.02	18.22	18.50
		HIGH	64QAM	18.19	17.82	18.00	18.50
	75	LOW	64QAM	17.90	18.05	18.23	18.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.96	18.00	18.08	18.50
		MID	QPSK	17.95	18.00	18.09	18.50
		HIGH	QPSK	17.99	18.10	**18.14**	18.50
	50	LOW	QPSK	18.04	18.07	18.11	18.50
		MID	QPSK	18.13	18.09	**18.20**	18.50
		HIGH	QPSK	18.11	18.15	18.19	18.50
	100	LOW	QPSK	18.08	18.07	**18.16**	18.50
20	1	LOW	Q16	18.21	18.22	18.26	18.50
		MID	Q16	18.19	18.12	18.28	18.50
		HIGH	Q16	18.24	18.02	18.03	18.50
	50	LOW	Q16	17.98	18.09	18.13	18.50
		MID	Q16	18.10	18.12	18.22	18.50
		HIGH	Q16	18.05	18.17	18.20	18.50
	100	LOW	Q16	18.11	18.07	18.19	18.50
20	1	LOW	64QAM	18.26	18.23	18.22	18.50
		MID	64QAM	18.09	18.09	18.28	18.50
		HIGH	64QAM	18.22	18.00	18.04	18.50
	50	LOW	64QAM	18.03	18.23	18.28	18.50
		MID	64QAM	18.18	18.22	18.31	18.50
		HIGH	64QAM	18.12	18.02	18.15	18.50
	100	LOW	64QAM	18.01	18.09	18.21	18.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.78	23.03	22.89	23.50
		MID	QPSK	22.65	22.91	23.22	23.50
		HIGH	QPSK	22.97	22.77	22.99	23.50
	3	LOW	QPSK	22.83	23.03	22.68	23.50
		MID	QPSK	22.47	22.86	23.08	23.50
		HIGH	QPSK	22.99	22.70	22.99	23.50
	6	LOW	QPSK	22.08	22.04	22.20	22.50
1.4	1	LOW	Q16	22.24	22.14	22.42	22.50
		MID	Q16	22.27	22.33	22.48	22.50
		HIGH	Q16	22.45	22.25	22.38	22.50
	3	LOW	Q16	22.06	21.92	22.46	22.50
		MID	Q16	22.34	22.35	22.35	22.50
		HIGH	Q16	22.45	22.09	22.47	22.50
	6	LOW	Q16	21.11	21.11	21.02	21.50
1.4	1	LOW	64QAM	21.14	21.27	21.06	21.50
		MID	64QAM	20.70	21.37	21.20	21.50
		HIGH	64QAM	21.13	21.30	20.54	21.50
	3	LOW	64QAM	19.73	19.90	20.22	21.50
		MID	64QAM	19.65	19.62	19.92	21.50
		HIGH	64QAM	19.75	20.01	19.73	21.50
	6	LOW	64QAM	19.42	19.79	19.89	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.90	22.98	22.93	23.50
		MID	QPSK	22.91	22.93	22.92	23.50
		HIGH	QPSK	22.79	22.87	22.94	23.50
	8	LOW	QPSK	21.82	21.85	22.14	22.50
		MID	QPSK	21.99	22.00	22.15	22.50
		HIGH	QPSK	21.94	22.00	22.13	22.50
	15	LOW	QPSK	21.77	21.84	22.13	22.50
3	1	LOW	Q16	22.31	22.46	22.48	22.50
		MID	Q16	22.29	22.33	22.46	22.50
		HIGH	Q16	22.27	22.34	22.47	22.50
	8	LOW	Q16	20.85	20.91	21.01	21.50
		MID	Q16	20.95	21.10	21.30	21.50
		HIGH	Q16	21.01	20.86	21.23	21.50
	15	LOW	Q16	20.85	21.05	21.23	21.50
3	1	LOW	64QAM	21.31	21.18	21.04	21.50
		MID	64QAM	20.89	21.19	21.35	21.50
		HIGH	64QAM	21.45	21.28	21.06	21.50
	8	LOW	64QAM	19.71	19.70	20.14	20.50
		MID	64QAM	19.77	19.78	19.96	20.50
		HIGH	64QAM	19.97	20.23	19.65	20.50
	15	LOW	64QAM	19.60	19.65	20.11	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.67	22.82	23.26	23.50
		MID	QPSK	22.79	22.75	22.89	23.50
		HIGH	QPSK	22.69	23.07	22.92	23.50
	12	LOW	QPSK	22.02	21.94	21.96	22.50
		MID	QPSK	22.08	21.89	22.18	22.50
		HIGH	QPSK	21.90	22.04	22.22	22.50
	25	LOW	QPSK	21.79	21.78	22.22	22.50
5	1	LOW	Q16	22.44	22.32	22.37	22.50
		MID	Q16	22.33	22.26	22.46	22.50
		HIGH	Q16	22.27	22.45	22.29	22.50
	12	LOW	Q16	20.74	20.95	20.99	21.50
		MID	Q16	20.76	20.97	21.03	21.50
		HIGH	Q16	20.89	20.92	21.11	21.50
	25	LOW	Q16	20.87	21.09	21.19	21.50
5	1	LOW	64QAM	21.25	21.16	21.27	21.50
		MID	64QAM	20.85	21.19	21.20	21.50
		HIGH	64QAM	21.49	21.26	20.90	21.50
	12	LOW	64QAM	19.63	19.98	20.08	20.50
		MID	64QAM	19.61	19.48	19.82	20.50
		HIGH	64QAM	19.81	20.15	19.67	20.50
	25	LOW	64QAM	19.58	19.75	19.97	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.72	23.01	23.16	23.50
		MID	QPSK	22.86	22.77	23.15	23.50
		HIGH	QPSK	22.92	23.07	22.99	23.50
	25	LOW	QPSK	21.84	21.96	21.94	22.50
		MID	QPSK	22.08	21.82	22.29	22.50
		HIGH	QPSK	21.72	21.93	22.02	22.50
	50	LOW	QPSK	21.77	21.89	22.22	22.50
10	1	LOW	Q16	22.17	22.48	22.22	22.50
		MID	Q16	22.33	22.21	22.28	22.50
		HIGH	Q16	22.41	22.23	22.45	22.50
	25	LOW	Q16	20.83	20.91	21.03	21.50
		MID	Q16	20.97	21.19	21.22	21.50
		HIGH	Q16	20.76	20.98	21.23	21.50
	50	LOW	Q16	21.04	21.01	21.19	21.50
10	1	LOW	64QAM	21.27	21.07	21.17	21.50
		MID	64QAM	20.91	21.40	21.50	21.50
		HIGH	64QAM	21.49	21.22	20.83	21.50
	25	LOW	64QAM	19.75	20.00	20.10	20.50
		MID	64QAM	19.61	19.50	19.80	20.50
		HIGH	64QAM	19.81	20.29	19.67	20.50
	50	LOW	64QAM	19.58	19.75	19.89	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.83	22.73	23.02	23.50
		MID	QPSK	22.77	22.96	23.08	23.50
		HIGH	QPSK	23.01	22.96	22.83	23.50
	36	LOW	QPSK	21.95	22.09	22.12	22.50
		MID	QPSK	22.08	21.97	22.02	22.50
		HIGH	QPSK	21.79	21.97	21.97	22.50
	75	LOW	QPSK	21.97	21.89	22.29	22.50
15	1	LOW	Q16	22.31	22.35	22.33	22.50
		MID	Q16	22.27	22.33	22.24	22.50
		HIGH	Q16	22.47	22.43	22.49	22.50
	36	LOW	Q16	20.83	20.93	21.08	21.50
		MID	Q16	20.76	21.16	21.22	21.50
		HIGH	Q16	21.07	20.94	20.92	21.50
	75	LOW	Q16	21.00	20.99	21.12	21.50
15	1	LOW	64QAM	21.32	21.31	21.02	21.50
		MID	64QAM	21.14	21.28	21.25	21.50
		HIGH	64QAM	21.24	21.05	20.77	21.50
	36	LOW	64QAM	19.85	19.92	19.94	20.50
		MID	64QAM	19.75	19.76	20.02	20.50
		HIGH	64QAM	20.01	20.03	19.67	20.50
	75	LOW	64QAM	19.50	19.87	19.99	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.83	22.96	**23.14**	23.50
		MID	QPSK	22.86	22.98	23.10	23.50
		HIGH	QPSK	22.90	22.98	22.99	23.50
	50	LOW	QPSK	21.93	22.09	22.16	22.50
		MID	QPSK	21.99	22.04	**22.22**	22.50
		HIGH	QPSK	21.94	22.04	22.15	22.50
	100	LOW	QPSK	21.97	22.02	**22.20**	22.50
20	1	LOW	Q16	22.42	22.39	22.44	22.50
		MID	Q16	22.40	22.46	22.44	22.50
		HIGH	Q16	22.45	22.45	22.47	22.50
	50	LOW	Q16	20.91	21.08	21.16	21.50
		MID	Q16	20.99	21.08	21.24	21.50
		HIGH	Q16	20.99	21.09	21.15	21.50
	100	LOW	Q16	21.00	21.03	21.23	21.50
20	1	LOW	64QAM	21.46	21.20	21.23	21.50
		MID	64QAM	21.06	21.34	21.44	21.50
		HIGH	64QAM	21.43	21.28	20.98	21.50
	50	LOW	64QAM	19.77	19.92	20.14	20.50
		MID	64QAM	19.69	19.70	19.98	20.50
		HIGH	64QAM	19.95	20.21	19.67	20.50
	100	LOW	64QAM	19.58	19.77	20.05	20.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.78	23.03	22.89	23.50
		MID	QPSK	22.65	22.91	23.22	23.50
		HIGH	QPSK	22.97	22.77	22.99	23.50
	3	LOW	QPSK	22.83	23.03	22.68	23.50
		MID	QPSK	22.47	22.86	23.08	23.50
		HIGH	QPSK	22.99	22.70	22.99	23.50
	6	LOW	QPSK	22.08	22.04	22.20	22.50
1.4	1	LOW	Q16	22.24	22.14	22.42	22.50
		MID	Q16	22.27	22.33	22.48	22.50
		HIGH	Q16	22.45	22.25	22.38	22.50
	3	LOW	Q16	22.06	21.92	22.46	22.50
		MID	Q16	22.34	22.35	22.35	22.50
		HIGH	Q16	22.45	22.09	22.47	22.50
	6	LOW	Q16	21.11	21.11	21.02	21.50
1.4	1	LOW	64QAM	21.14	21.27	21.06	21.50
		MID	64QAM	20.70	21.37	21.20	21.50
		HIGH	64QAM	21.13	21.30	20.54	21.50
	3	LOW	64QAM	19.73	19.90	20.22	21.50
		MID	64QAM	19.65	19.62	19.92	21.50
		HIGH	64QAM	19.75	20.01	19.73	21.50
	6	LOW	64QAM	19.42	19.79	19.89	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.90	22.98	22.93	23.50
		MID	QPSK	22.91	22.93	22.92	23.50
		HIGH	QPSK	22.79	22.87	22.94	23.50
	8	LOW	QPSK	21.82	21.85	22.14	22.50
		MID	QPSK	21.99	22.00	22.15	22.50
		HIGH	QPSK	21.94	22.00	22.13	22.50
	15	LOW	QPSK	21.77	21.84	22.13	22.50
3	1	LOW	Q16	22.31	22.46	22.48	22.50
		MID	Q16	22.29	22.33	22.46	22.50
		HIGH	Q16	22.27	22.34	22.47	22.50
	8	LOW	Q16	20.85	20.91	21.01	21.50
		MID	Q16	20.95	21.10	21.30	21.50
		HIGH	Q16	21.01	20.86	21.23	21.50
	15	LOW	Q16	20.85	21.05	21.23	21.50
3	1	LOW	64QAM	21.31	21.18	21.04	21.50
		MID	64QAM	20.89	21.19	21.35	21.50
		HIGH	64QAM	21.45	21.28	21.06	21.50
	8	LOW	64QAM	19.71	19.70	20.14	20.50
		MID	64QAM	19.77	19.78	19.96	20.50
		HIGH	64QAM	19.97	20.23	19.65	20.50
	15	LOW	64QAM	19.60	19.65	20.11	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.67	22.82	23.26	23.50
		MID	QPSK	22.79	22.75	22.89	23.50
		HIGH	QPSK	22.69	23.07	22.92	23.50
	12	LOW	QPSK	22.02	21.94	21.96	22.50
		MID	QPSK	22.08	21.89	22.18	22.50
		HIGH	QPSK	21.90	22.04	22.22	22.50
	25	LOW	QPSK	21.79	21.78	22.22	22.50
5	1	LOW	Q16	22.44	22.32	22.37	22.50
		MID	Q16	22.33	22.26	22.46	22.50
		HIGH	Q16	22.27	22.45	22.29	22.50
	12	LOW	Q16	20.74	20.95	20.99	21.50
		MID	Q16	20.76	20.97	21.03	21.50
		HIGH	Q16	20.89	20.92	21.11	21.50
	25	LOW	Q16	20.87	21.09	21.19	21.50
5	1	LOW	64QAM	21.25	21.16	21.27	21.50
		MID	64QAM	20.85	21.19	21.20	21.50
		HIGH	64QAM	21.49	21.26	20.90	21.50
	12	LOW	64QAM	19.63	19.98	20.08	20.50
		MID	64QAM	19.61	19.48	19.82	20.50
		HIGH	64QAM	19.81	20.15	19.67	20.50
	25	LOW	64QAM	19.58	19.75	19.97	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.72	23.01	23.16	23.50
		MID	QPSK	22.86	22.77	23.15	23.50
		HIGH	QPSK	22.92	23.07	22.99	23.50
	25	LOW	QPSK	21.84	21.96	21.94	22.50
		MID	QPSK	22.08	21.82	22.29	22.50
		HIGH	QPSK	21.72	21.93	22.02	22.50
	50	LOW	QPSK	21.77	21.89	22.22	22.50
10	1	LOW	Q16	22.17	22.48	22.22	22.50
		MID	Q16	22.33	22.21	22.28	22.50
		HIGH	Q16	22.41	22.23	22.45	22.50
	25	LOW	Q16	20.83	20.91	21.03	21.50
		MID	Q16	20.97	21.19	21.22	21.50
		HIGH	Q16	20.76	20.98	21.23	21.50
	50	LOW	Q16	21.04	21.01	21.19	21.50
10	1	LOW	64QAM	21.27	21.07	21.17	21.50
		MID	64QAM	20.91	21.40	21.50	21.50
		HIGH	64QAM	21.49	21.22	20.83	21.50
	25	LOW	64QAM	19.75	20.00	20.10	20.50
		MID	64QAM	19.61	19.50	19.80	20.50
		HIGH	64QAM	19.81	20.29	19.67	20.50
	50	LOW	64QAM	19.58	19.75	19.89	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.83	22.73	23.02	23.50
		MID	QPSK	22.77	22.96	23.08	23.50
		HIGH	QPSK	23.01	22.96	22.83	23.50
	36	LOW	QPSK	21.95	22.09	22.12	22.50
		MID	QPSK	22.08	21.97	22.02	22.50
		HIGH	QPSK	21.79	21.97	21.97	22.50
	75	LOW	QPSK	21.97	21.89	22.29	22.50
15	1	LOW	Q16	22.31	22.35	22.33	22.50
		MID	Q16	22.27	22.33	22.24	22.50
		HIGH	Q16	22.47	22.43	22.49	22.50
	36	LOW	Q16	20.83	20.93	21.08	21.50
		MID	Q16	20.76	21.16	21.22	21.50
		HIGH	Q16	21.07	20.94	20.92	21.50
	75	LOW	Q16	21.00	20.99	21.12	21.50
15	1	LOW	64QAM	21.32	21.31	21.02	21.50
		MID	64QAM	21.14	21.28	21.25	21.50
		HIGH	64QAM	21.24	21.05	20.77	21.50
	36	LOW	64QAM	19.85	19.92	19.94	20.50
		MID	64QAM	19.75	19.76	20.02	20.50
		HIGH	64QAM	20.01	20.03	19.67	20.50
	75	LOW	64QAM	19.50	19.87	19.99	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.83	22.96	**23.14**	23.50
		MID	QPSK	22.86	22.98	23.10	23.50
		HIGH	QPSK	22.90	22.98	22.99	23.50
	50	LOW	QPSK	21.93	22.09	22.16	22.50
		MID	QPSK	21.99	22.04	**22.22**	22.50
		HIGH	QPSK	21.94	22.04	22.15	22.50
	100	LOW	QPSK	21.97	22.02	**22.20**	22.50
20	1	LOW	Q16	22.42	22.39	22.44	22.50
		MID	Q16	22.40	22.46	22.44	22.50
		HIGH	Q16	22.45	22.45	22.47	22.50
	50	LOW	Q16	20.91	21.08	21.16	21.50
		MID	Q16	20.99	21.08	21.24	21.50
		HIGH	Q16	20.99	21.09	21.15	21.50
	100	LOW	Q16	21.00	21.03	21.23	21.50
20	1	LOW	64QAM	21.46	21.20	21.23	21.50
		MID	64QAM	21.06	21.34	21.44	21.50
		HIGH	64QAM	21.43	21.28	20.98	21.50
	50	LOW	64QAM	19.77	19.92	20.14	20.50
		MID	64QAM	19.69	19.70	19.98	20.50
		HIGH	64QAM	19.95	20.21	19.67	20.50
	100	LOW	64QAM	19.58	19.77	20.05	20.50

LTE B4-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.78	23.03	22.89	23.50
		MID	QPSK	22.65	22.91	**23.22**	23.50
		HIGH	QPSK	22.97	22.77	22.99	23.50
	3	LOW	QPSK	22.83	23.03	22.68	23.50
		MID	QPSK	22.47	22.86	**23.08**	23.50
		HIGH	QPSK	22.99	22.70	22.99	23.50
	6	LOW	QPSK	22.08	22.04	**22.20**	22.50
1.4	1	LOW	Q16	22.24	22.14	22.42	22.50
		MID	Q16	22.27	22.33	22.48	22.50
		HIGH	Q16	22.45	22.25	22.38	22.50
	3	LOW	Q16	22.06	21.92	22.46	22.50
		MID	Q16	22.34	22.35	22.35	22.50
		HIGH	Q16	22.45	22.09	22.47	22.50
	6	LOW	Q16	21.11	21.11	21.02	21.50
1.4	1	LOW	64QAM	21.14	21.27	21.06	21.50
		MID	64QAM	20.70	21.37	21.20	21.50
		HIGH	64QAM	21.13	21.30	20.54	21.50
	3	LOW	64QAM	19.73	19.90	20.22	21.50
		MID	64QAM	19.65	19.62	19.92	21.50
		HIGH	64QAM	19.75	20.01	19.73	21.50
	6	LOW	64QAM	19.42	19.79	19.89	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.90	**22.98**	22.93	23.50
		MID	QPSK	22.91	22.93	22.92	23.50
		HIGH	QPSK	22.79	22.87	22.94	23.50
	8	LOW	QPSK	21.82	21.85	22.14	22.50
		MID	QPSK	21.99	22.00	**22.15**	22.50
		HIGH	QPSK	21.94	22.00	22.13	22.50
	15	LOW	QPSK	21.77	21.84	**22.13**	22.50
3	1	LOW	Q16	22.31	22.46	22.48	22.50
		MID	Q16	22.29	22.33	22.46	22.50
		HIGH	Q16	22.27	22.34	22.47	22.50
	8	LOW	Q16	20.85	20.91	21.01	21.50
		MID	Q16	20.95	21.10	21.30	21.50
		HIGH	Q16	21.01	20.86	21.23	21.50
	15	LOW	Q16	20.85	21.05	21.23	21.50
3	1	LOW	64QAM	21.31	21.18	21.04	21.50
		MID	64QAM	20.89	21.19	21.35	21.50
		HIGH	64QAM	21.45	21.28	21.06	21.50
	8	LOW	64QAM	19.71	19.70	20.14	20.50
		MID	64QAM	19.77	19.78	19.96	20.50
		HIGH	64QAM	19.97	20.23	19.65	20.50
	15	LOW	64QAM	19.60	19.65	20.11	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.67	22.82	**23.26**	23.50
		MID	QPSK	22.79	22.75	22.89	23.50
		HIGH	QPSK	22.69	23.07	22.92	23.50
	12	LOW	QPSK	22.02	21.94	21.96	22.50
		MID	QPSK	22.08	21.89	22.18	22.50
		HIGH	QPSK	21.90	22.04	**22.22**	22.50
	25	LOW	QPSK	21.79	21.78	**22.22**	22.50
5	1	LOW	Q16	22.44	22.32	22.37	22.50
		MID	Q16	22.33	22.26	22.46	22.50
		HIGH	Q16	22.27	22.45	22.29	22.50
	12	LOW	Q16	20.74	20.95	20.99	21.50
		MID	Q16	20.76	20.97	21.03	21.50
		HIGH	Q16	20.89	20.92	21.11	21.50
	25	LOW	Q16	20.87	21.09	21.19	21.50
5	1	LOW	64QAM	21.25	21.16	21.27	21.50
		MID	64QAM	20.85	21.19	21.20	21.50
		HIGH	64QAM	21.49	21.26	20.90	21.50
	12	LOW	64QAM	19.63	19.98	20.08	20.50
		MID	64QAM	19.61	19.48	19.82	20.50
		HIGH	64QAM	19.81	20.15	19.67	20.50
	25	LOW	64QAM	19.58	19.75	19.97	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.72	23.01	**23.16**	23.50
		MID	QPSK	22.86	22.77	23.15	23.50
		HIGH	QPSK	22.92	23.07	22.99	23.50
	25	LOW	QPSK	21.84	21.96	21.94	22.50
		MID	QPSK	22.08	21.82	**22.29**	22.50
		HIGH	QPSK	21.72	21.93	22.02	22.50
	50	LOW	QPSK	21.77	21.89	**22.22**	22.50
10	1	LOW	Q16	22.17	22.48	22.22	22.50
		MID	Q16	22.33	22.21	22.28	22.50
		HIGH	Q16	22.41	22.23	22.45	22.50
	25	LOW	Q16	20.83	20.91	21.03	21.50
		MID	Q16	20.97	21.19	21.22	21.50
		HIGH	Q16	20.76	20.98	21.23	21.50
	50	LOW	Q16	21.04	21.01	21.19	21.50
10	1	LOW	64QAM	21.27	21.07	21.17	21.50
		MID	64QAM	20.91	21.40	21.50	21.50
		HIGH	64QAM	21.49	21.22	20.83	21.50
	25	LOW	64QAM	19.75	20.00	20.10	20.50
		MID	64QAM	19.61	19.50	19.80	20.50
		HIGH	64QAM	19.81	20.29	19.67	20.50
	50	LOW	64QAM	19.58	19.75	19.89	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.83	22.73	23.02	23.50
		MID	QPSK	22.77	22.96	**23.08**	23.50
		HIGH	QPSK	23.01	22.96	22.83	23.50
	36	LOW	QPSK	21.95	22.09	**22.12**	22.50
		MID	QPSK	22.08	21.97	22.02	22.50
		HIGH	QPSK	21.79	21.97	21.97	22.50
	75	LOW	QPSK	21.97	21.89	**22.29**	22.50
15	1	LOW	Q16	22.31	22.35	22.33	22.50
		MID	Q16	22.27	22.33	22.24	22.50
		HIGH	Q16	22.47	22.43	22.49	22.50
	36	LOW	Q16	20.83	20.93	21.08	21.50
		MID	Q16	20.76	21.16	21.22	21.50
		HIGH	Q16	21.07	20.94	20.92	21.50
	75	LOW	Q16	21.00	20.99	21.12	21.50
15	1	LOW	64QAM	21.32	21.31	21.02	21.50
		MID	64QAM	21.14	21.28	21.25	21.50
		HIGH	64QAM	21.24	21.05	20.77	21.50
	36	LOW	64QAM	19.85	19.92	19.94	20.50
		MID	64QAM	19.75	19.76	20.02	20.50
		HIGH	64QAM	20.01	20.03	19.67	20.50
	75	LOW	64QAM	19.50	19.87	19.99	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.83	22.96	**23.14**	23.50
		MID	QPSK	22.86	22.98	23.10	23.50
		HIGH	QPSK	22.90	22.98	22.99	23.50
	50	LOW	QPSK	21.93	22.09	22.16	22.50
		MID	QPSK	21.99	22.04	**22.22**	22.50
		HIGH	QPSK	21.94	22.04	22.15	22.50
	100	LOW	QPSK	21.97	22.02	**22.20**	22.50
20	1	LOW	Q16	22.42	22.39	22.44	22.50
		MID	Q16	22.40	22.46	22.44	22.50
		HIGH	Q16	22.45	22.45	22.47	22.50
	50	LOW	Q16	20.91	21.08	21.16	21.50
		MID	Q16	20.99	21.08	21.24	21.50
		HIGH	Q16	20.99	21.09	21.15	21.50
	100	LOW	Q16	21.00	21.03	21.23	21.50
20	1	LOW	64QAM	21.46	21.20	21.23	21.50
		MID	64QAM	21.06	21.34	21.44	21.50
		HIGH	64QAM	21.43	21.28	20.98	21.50
	50	LOW	64QAM	19.77	19.92	20.14	20.50
		MID	64QAM	19.69	19.70	19.98	20.50
		HIGH	64QAM	19.95	20.21	19.67	20.50
	100	LOW	64QAM	19.58	19.77	20.05	20.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.78	23.03	22.89	23.50
		MID	QPSK	22.65	22.91	**23.22**	23.50
		HIGH	QPSK	22.97	22.77	22.99	23.50
	3	LOW	QPSK	22.83	23.03	22.68	23.50
		MID	QPSK	22.47	22.86	**23.08**	23.50
		HIGH	QPSK	22.99	22.70	22.99	23.50
	6	LOW	QPSK	22.08	22.04	**22.20**	22.50
1.4	1	LOW	Q16	22.24	22.14	22.42	22.50
		MID	Q16	22.27	22.33	22.48	22.50
		HIGH	Q16	22.45	22.25	22.38	22.50
	3	LOW	Q16	22.06	21.92	22.46	22.50
		MID	Q16	22.34	22.35	22.35	22.50
		HIGH	Q16	22.45	22.09	22.47	22.50
	6	LOW	Q16	21.11	21.11	21.02	21.50
1.4	1	LOW	64QAM	21.14	21.27	21.06	21.50
		MID	64QAM	20.70	21.37	21.20	21.50
		HIGH	64QAM	21.13	21.30	20.54	21.50
	3	LOW	64QAM	19.73	19.90	20.22	21.50
		MID	64QAM	19.65	19.62	19.92	21.50
		HIGH	64QAM	19.75	20.01	19.73	21.50
	6	LOW	64QAM	19.42	19.79	19.89	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.90	**22.98**	22.93	23.50
		MID	QPSK	22.91	22.93	22.92	23.50
		HIGH	QPSK	22.79	22.87	22.94	23.50
	8	LOW	QPSK	21.82	21.85	22.14	22.50
		MID	QPSK	21.99	22.00	**22.15**	22.50
		HIGH	QPSK	21.94	22.00	22.13	22.50
	15	LOW	QPSK	21.77	21.84	**22.13**	22.50
3	1	LOW	Q16	22.31	22.46	22.48	22.50
		MID	Q16	22.29	22.33	22.46	22.50
		HIGH	Q16	22.27	22.34	22.47	22.50
	8	LOW	Q16	20.85	20.91	21.01	21.50
		MID	Q16	20.95	21.10	21.30	21.50
		HIGH	Q16	21.01	20.86	21.23	21.50
	15	LOW	Q16	20.85	21.05	21.23	21.50
3	1	LOW	64QAM	21.31	21.18	21.04	21.50
		MID	64QAM	20.89	21.19	21.35	21.50
		HIGH	64QAM	21.45	21.28	21.06	21.50
	8	LOW	64QAM	19.71	19.70	20.14	20.50
		MID	64QAM	19.77	19.78	19.96	20.50
		HIGH	64QAM	19.97	20.23	19.65	20.50
	15	LOW	64QAM	19.60	19.65	20.11	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.67	22.82	**23.26**	23.50
		MID	QPSK	22.79	22.75	22.89	23.50
		HIGH	QPSK	22.69	23.07	22.92	23.50
	12	LOW	QPSK	22.02	21.94	21.96	22.50
		MID	QPSK	22.08	21.89	22.18	22.50
		HIGH	QPSK	21.90	22.04	**22.22**	22.50
	25	LOW	QPSK	21.79	21.78	**22.22**	22.50
5	1	LOW	Q16	22.44	22.32	22.37	22.50
		MID	Q16	22.33	22.26	22.46	22.50
		HIGH	Q16	22.27	22.45	22.29	22.50
	12	LOW	Q16	20.74	20.95	20.99	21.50
		MID	Q16	20.76	20.97	21.03	21.50
		HIGH	Q16	20.89	20.92	21.11	21.50
	25	LOW	Q16	20.87	21.09	21.19	21.50
5	1	LOW	64QAM	21.25	21.16	21.27	21.50
		MID	64QAM	20.85	21.19	21.20	21.50
		HIGH	64QAM	21.49	21.26	20.90	21.50
	12	LOW	64QAM	19.63	19.98	20.08	20.50
		MID	64QAM	19.61	19.48	19.82	20.50
		HIGH	64QAM	19.81	20.15	19.67	20.50
	25	LOW	64QAM	19.58	19.75	19.97	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.72	23.01	**23.16**	23.50
		MID	QPSK	22.86	22.77	23.15	23.50
		HIGH	QPSK	22.92	23.07	22.99	23.50
	25	LOW	QPSK	21.84	21.96	21.94	22.50
		MID	QPSK	22.08	21.82	**22.29**	22.50
		HIGH	QPSK	21.72	21.93	22.02	22.50
	50	LOW	QPSK	21.77	21.89	**22.22**	22.50
10	1	LOW	Q16	22.17	22.48	22.22	22.50
		MID	Q16	22.33	22.21	22.28	22.50
		HIGH	Q16	22.41	22.23	22.45	22.50
	25	LOW	Q16	20.83	20.91	21.03	21.50
		MID	Q16	20.97	21.19	21.22	21.50
		HIGH	Q16	20.76	20.98	21.23	21.50
	50	LOW	Q16	21.04	21.01	21.19	21.50
10	1	LOW	64QAM	21.27	21.07	21.17	21.50
		MID	64QAM	20.91	21.40	21.50	21.50
		HIGH	64QAM	21.49	21.22	20.83	21.50
	25	LOW	64QAM	19.75	20.00	20.10	20.50
		MID	64QAM	19.61	19.50	19.80	20.50
		HIGH	64QAM	19.81	20.29	19.67	20.50
	50	LOW	64QAM	19.58	19.75	19.89	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.83	22.73	23.02	23.50
		MID	QPSK	22.77	22.96	**23.08**	23.50
		HIGH	QPSK	23.01	22.96	22.83	23.50
	36	LOW	QPSK	21.95	22.09	**22.12**	22.50
		MID	QPSK	22.08	21.97	22.02	22.50
		HIGH	QPSK	21.79	21.97	21.97	22.50
	75	LOW	QPSK	21.97	21.89	**22.29**	22.50
15	1	LOW	Q16	22.31	22.35	22.33	22.50
		MID	Q16	22.27	22.33	22.24	22.50
		HIGH	Q16	22.47	22.43	22.49	22.50
	36	LOW	Q16	20.83	20.93	21.08	21.50
		MID	Q16	20.76	21.16	21.22	21.50
		HIGH	Q16	21.07	20.94	20.92	21.50
	75	LOW	Q16	21.00	20.99	21.12	21.50
15	1	LOW	64QAM	21.32	21.31	21.02	21.50
		MID	64QAM	21.14	21.28	21.25	21.50
		HIGH	64QAM	21.24	21.05	20.77	21.50
	36	LOW	64QAM	19.85	19.92	19.94	20.50
		MID	64QAM	19.75	19.76	20.02	20.50
		HIGH	64QAM	20.01	20.03	19.67	20.50
	75	LOW	64QAM	19.50	19.87	19.99	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.83	22.96	**23.14**	23.50
		MID	QPSK	22.86	22.98	23.10	23.50
		HIGH	QPSK	22.90	22.98	22.99	23.50
	50	LOW	QPSK	21.93	22.09	22.16	22.50
		MID	QPSK	21.99	22.04	**22.22**	22.50
		HIGH	QPSK	21.94	22.04	22.15	22.50
	100	LOW	QPSK	21.97	22.02	**22.20**	22.50
20	1	LOW	Q16	22.42	22.39	22.44	22.50
		MID	Q16	22.40	22.46	22.44	22.50
		HIGH	Q16	22.45	22.45	22.47	22.50
	50	LOW	Q16	20.91	21.08	21.16	21.50
		MID	Q16	20.99	21.08	21.24	21.50
		HIGH	Q16	20.99	21.09	21.15	21.50
	100	LOW	Q16	21.00	21.03	21.23	21.50
20	1	LOW	64QAM	21.46	21.20	21.23	21.50
		MID	64QAM	21.06	21.34	21.44	21.50
		HIGH	64QAM	21.43	21.28	20.98	21.50
	50	LOW	64QAM	19.77	19.92	20.14	20.50
		MID	64QAM	19.69	19.70	19.98	20.50
		HIGH	64QAM	19.95	20.21	19.67	20.50
	100	LOW	64QAM	19.58	19.77	20.05	20.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.53	**19.98**	**19.98**	20.50
		MID	QPSK	**19.98**	19.82	**19.98**	20.50
		HIGH	QPSK	19.76	19.92	19.61	20.50
	3	LOW	QPSK	19.73	20.13	**20.20**	20.50
		MID	QPSK	19.61	20.02	20.08	20.50
		HIGH	QPSK	19.68	20.08	19.95	20.50
	6	LOW	QPSK	19.59	19.90	**19.92**	20.50
1.4	1	LOW	Q16	19.57	19.90	19.74	20.50
		MID	Q16	19.64	19.60	19.60	20.50
		HIGH	Q16	20.06	19.86	19.67	20.50
	3	LOW	Q16	19.75	19.99	20.04	20.50
		MID	Q16	19.67	19.90	20.14	20.50
		HIGH	Q16	19.56	20.12	20.05	20.50
	6	LOW	Q16	19.81	19.94	20.08	20.50
1.4	1	LOW	64QAM	19.53	19.78	19.60	20.50
		MID	64QAM	19.94	19.64	19.62	20.50
		HIGH	64QAM	19.74	19.88	19.49	20.50
	3	LOW	64QAM	19.55	19.91	20.16	20.50
		MID	64QAM	19.51	19.60	19.88	20.50
		HIGH	64QAM	19.50	20.06	19.67	20.50
	6	LOW	64QAM	19.57	19.60	19.84	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.83	**19.96**	19.94	20.50
		MID	QPSK	**19.96**	19.60	19.94	20.50
		HIGH	QPSK	19.86	19.92	19.81	20.50
	8	LOW	QPSK	19.71	19.81	20.22	20.50
		MID	QPSK	19.63	20.22	**20.24**	20.50
		HIGH	QPSK	19.64	19.96	19.95	20.50
	15	LOW	QPSK	19.61	19.64	**20.12**	20.50
3	1	LOW	Q16	19.73	19.92	19.64	20.50
		MID	Q16	19.78	19.56	19.60	20.50
		HIGH	Q16	19.96	19.84	19.63	20.50
	8	LOW	Q16	19.55	20.05	20.32	20.50
		MID	Q16	19.73	19.86	19.98	20.50
		HIGH	Q16	19.58	20.14	19.85	20.50
	15	LOW	Q16	19.63	19.70	20.08	20.50
3	1	LOW	64QAM	19.49	19.70	19.74	20.50
		MID	64QAM	19.78	19.56	19.86	20.50
		HIGH	64QAM	19.66	19.88	19.69	20.50
	8	LOW	64QAM	19.33	20.19	20.32	20.50
		MID	64QAM	19.51	19.70	20.12	20.50
		HIGH	64QAM	19.64	19.88	19.67	20.50
	15	LOW	64QAM	19.69	19.66	19.82	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.83	**20.10**	19.98	20.50
		MID	QPSK	19.70	19.72	19.82	20.50
		HIGH	QPSK	19.76	19.96	19.67	20.50
	12	LOW	QPSK	19.73	19.89	20.14	20.50
		MID	QPSK	19.81	20.10	**20.30**	20.50
		HIGH	QPSK	19.82	20.00	20.13	20.50
	25	LOW	QPSK	19.63	**19.86**	19.82	20.50
5	1	LOW	Q16	19.65	19.82	19.72	20.50
		MID	Q16	19.94	19.66	19.78	20.50
		HIGH	Q16	20.02	19.82	19.53	20.50
	12	LOW	Q16	19.63	20.11	20.26	20.50
		MID	Q16	19.65	19.90	20.04	20.50
		HIGH	Q16	19.66	20.10	19.89	20.50
	25	LOW	Q16	19.59	19.82	20.04	20.50
5	1	LOW	64QAM	19.69	19.72	19.64	20.50
		MID	64QAM	19.72	19.74	19.78	20.50
		HIGH	64QAM	19.76	19.68	19.67	20.50
	12	LOW	64QAM	19.30	20.17	20.22	20.50
		MID	64QAM	19.61	19.62	20.06	20.50
		HIGH	64QAM	19.80	20.06	19.85	20.50
	25	LOW	64QAM	19.67	19.66	19.94	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.57	**20.12**	20.08	20.50
		MID	QPSK	19.92	19.86	19.80	20.50
		HIGH	QPSK	20.00	20.08	19.57	20.50
	25	LOW	QPSK	19.79	19.97	20.12	20.50
		MID	QPSK	19.77	19.96	**20.34**	20.50
		HIGH	QPSK	19.82	19.86	20.09	20.50
	50	LOW	QPSK	19.73	**19.82**	19.80	20.50
10	1	LOW	Q16	19.71	19.70	19.56	20.50
		MID	Q16	19.82	19.64	19.80	20.50
		HIGH	Q16	19.80	19.90	19.69	20.50
	25	LOW	Q16	19.67	20.07	20.04	20.50
		MID	Q16	19.61	20.00	20.14	20.50
		HIGH	Q16	19.86	20.12	20.01	20.50
	50	LOW	Q16	19.67	19.86	19.96	20.50
10	1	LOW	64QAM	19.51	19.80	19.64	20.50
		MID	64QAM	19.78	19.56	19.76	20.50
		HIGH	64QAM	19.60	19.76	19.49	20.50
	25	LOW	64QAM	19.53	19.95	20.12	20.50
		MID	64QAM	19.49	19.80	19.82	20.50
		HIGH	64QAM	19.76	20.08	19.71	20.50
	50	LOW	64QAM	19.51	19.60	19.76	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.71	19.90	19.94	20.50
		MID	QPSK	**20.00**	19.66	19.72	20.50
		HIGH	QPSK	19.88	19.92	19.75	20.50
	36	LOW	QPSK	19.95	20.03	20.18	20.50
		MID	QPSK	19.83	20.20	**20.30**	20.50
		HIGH	QPSK	19.78	20.02	20.07	20.50
	75	LOW	QPSK	19.73	**19.80**	**19.80**	20.50
15	1	LOW	Q16	19.77	19.88	19.72	20.50
		MID	Q16	19.96	19.52	19.60	20.50
		HIGH	Q16	19.98	19.88	19.55	20.50
	36	LOW	Q16	19.59	19.91	20.02	20.50
		MID	Q16	19.57	19.80	20.04	20.50
		HIGH	Q16	19.62	19.86	19.89	20.50
	75	LOW	Q16	19.79	19.66	20.00	20.50
15	1	LOW	64QAM	19.65	19.82	19.86	20.50
		MID	64QAM	19.88	19.80	19.80	20.50
		HIGH	64QAM	19.72	19.68	19.65	20.50
	36	LOW	64QAM	19.45	19.93	20.34	20.50
		MID	64QAM	19.41	19.70	20.08	20.50
		HIGH	64QAM	19.64	19.90	19.91	20.50
	75	LOW	64QAM	19.63	19.68	19.68	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.73	20.04	**20.06**	20.50
		MID	QPSK	19.90	19.80	19.94	20.50
		HIGH	QPSK	19.96	19.98	19.77	20.50
	50	LOW	QPSK	19.93	20.03	20.18	20.50
		MID	QPSK	19.81	20.12	**20.28**	20.50
		HIGH	QPSK	19.86	19.98	20.03	20.50
	100	LOW	QPSK	19.81	19.82	**20.02**	20.50
20	1	LOW	Q16	19.79	19.88	19.78	20.50
		MID	Q16	19.86	19.74	19.76	20.50
		HIGH	Q16	20.02	19.86	19.67	20.50
	50	LOW	Q16	19.71	20.11	20.22	20.50
		MID	Q16	19.67	19.94	20.20	20.50
		HIGH	Q16	19.76	20.08	20.01	20.50
	100	LOW	Q16	19.77	19.88	20.00	20.50
20	1	LOW	64QAM	19.63	19.76	19.76	20.50
		MID	64QAM	19.94	19.72	19.76	20.50
		HIGH	64QAM	19.80	19.82	19.71	20.50
	50	LOW	64QAM	19.49	20.09	20.28	20.50
		MID	64QAM	19.53	19.82	20.04	20.50
		HIGH	64QAM	19.72	20.06	19.89	20.50
	100	LOW	64QAM	19.59	19.74	19.86	20.50

LTE B4-State 15 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.53	**19.98**	**19.98**	20.50
		MID	QPSK	**19.98**	19.82	**19.98**	20.50
		HIGH	QPSK	19.76	19.92	19.61	20.50
	3	LOW	QPSK	19.73	20.13	**20.20**	20.50
		MID	QPSK	19.61	20.02	20.08	20.50
		HIGH	QPSK	19.68	20.08	19.95	20.50
	6	LOW	QPSK	19.59	19.90	**19.92**	20.50
1.4	1	LOW	Q16	19.57	19.90	19.74	20.50
		MID	Q16	19.64	19.60	19.60	20.50
		HIGH	Q16	20.06	19.86	19.67	20.50
	3	LOW	Q16	19.75	19.99	20.04	20.50
		MID	Q16	19.67	19.90	20.14	20.50
		HIGH	Q16	19.56	20.12	20.05	20.50
	6	LOW	Q16	19.81	19.94	20.08	20.50
1.4	1	LOW	64QAM	19.53	19.78	19.60	20.50
		MID	64QAM	19.94	19.64	19.62	20.50
		HIGH	64QAM	19.74	19.88	19.49	20.50
	3	LOW	64QAM	19.55	19.91	20.16	20.50
		MID	64QAM	19.51	19.60	19.88	20.50
		HIGH	64QAM	19.50	20.06	19.67	20.50
	6	LOW	64QAM	19.57	19.60	19.84	20.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.83	**19.96**	19.94	20.50
		MID	QPSK	**19.96**	19.60	19.94	20.50
		HIGH	QPSK	19.86	19.92	19.81	20.50
	8	LOW	QPSK	19.71	19.81	20.22	20.50
		MID	QPSK	19.63	20.22	**20.24**	20.50
		HIGH	QPSK	19.64	19.96	19.95	20.50
	15	LOW	QPSK	19.61	19.64	**20.12**	20.50
3	1	LOW	Q16	19.73	19.92	19.64	20.50
		MID	Q16	19.78	19.56	19.60	20.50
		HIGH	Q16	19.96	19.84	19.63	20.50
	8	LOW	Q16	19.55	20.05	20.32	20.50
		MID	Q16	19.73	19.86	19.98	20.50
		HIGH	Q16	19.58	20.14	19.85	20.50
	15	LOW	Q16	19.63	19.70	20.08	20.50
3	1	LOW	64QAM	19.49	19.70	19.74	20.50
		MID	64QAM	19.78	19.56	19.86	20.50
		HIGH	64QAM	19.66	19.88	19.69	20.50
	8	LOW	64QAM	19.33	20.19	20.32	20.50
		MID	64QAM	19.51	19.70	20.12	20.50
		HIGH	64QAM	19.64	19.88	19.67	20.50
	15	LOW	64QAM	19.69	19.66	19.82	20.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.83	**20.10**	19.98	20.50
		MID	QPSK	19.70	19.72	19.82	20.50
		HIGH	QPSK	19.76	19.96	19.67	20.50
	12	LOW	QPSK	19.73	19.89	20.14	20.50
		MID	QPSK	19.81	20.10	**20.30**	20.50
		HIGH	QPSK	19.82	20.00	20.13	20.50
	25	LOW	QPSK	19.63	**19.86**	19.82	20.50
5	1	LOW	Q16	19.65	19.82	19.72	20.50
		MID	Q16	19.94	19.66	19.78	20.50
		HIGH	Q16	20.02	19.82	19.53	20.50
	12	LOW	Q16	19.63	20.11	20.26	20.50
		MID	Q16	19.65	19.90	20.04	20.50
		HIGH	Q16	19.66	20.10	19.89	20.50
	25	LOW	Q16	19.59	19.82	20.04	20.50
5	1	LOW	64QAM	19.69	19.72	19.64	20.50
		MID	64QAM	19.72	19.74	19.78	20.50
		HIGH	64QAM	19.76	19.68	19.67	20.50
	12	LOW	64QAM	19.30	20.17	20.22	20.50
		MID	64QAM	19.61	19.62	20.06	20.50
		HIGH	64QAM	19.80	20.06	19.85	20.50
	25	LOW	64QAM	19.67	19.66	19.94	20.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	19.57	**20.12**	20.08	20.50
		MID	QPSK	19.92	19.86	19.80	20.50
		HIGH	QPSK	20.00	20.08	19.57	20.50
	25	LOW	QPSK	19.79	19.97	20.12	20.50
		MID	QPSK	19.77	19.96	**20.34**	20.50
		HIGH	QPSK	19.82	19.86	20.09	20.50
	50	LOW	QPSK	19.73	**19.82**	19.80	20.50
10	1	LOW	Q16	19.71	19.70	19.56	20.50
		MID	Q16	19.82	19.64	19.80	20.50
		HIGH	Q16	19.80	19.90	19.69	20.50
	25	LOW	Q16	19.67	20.07	20.04	20.50
		MID	Q16	19.61	20.00	20.14	20.50
		HIGH	Q16	19.86	20.12	20.01	20.50
	50	LOW	Q16	19.67	19.86	19.96	20.50
10	1	LOW	64QAM	19.51	19.80	19.64	20.50
		MID	64QAM	19.78	19.56	19.76	20.50
		HIGH	64QAM	19.60	19.76	19.49	20.50
	25	LOW	64QAM	19.53	19.95	20.12	20.50
		MID	64QAM	19.49	19.80	19.82	20.50
		HIGH	64QAM	19.76	20.08	19.71	20.50
	50	LOW	64QAM	19.51	19.60	19.76	20.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.71	19.90	19.94	20.50
		MID	QPSK	**20.00**	19.66	19.72	20.50
		HIGH	QPSK	19.88	19.92	19.75	20.50
	36	LOW	QPSK	19.95	20.03	20.18	20.50
		MID	QPSK	19.83	20.20	**20.30**	20.50
		HIGH	QPSK	19.78	20.02	20.07	20.50
	75	LOW	QPSK	19.73	**19.80**	**19.80**	20.50
15	1	LOW	Q16	19.77	19.88	19.72	20.50
		MID	Q16	19.96	19.52	19.60	20.50
		HIGH	Q16	19.98	19.88	19.55	20.50
	36	LOW	Q16	19.59	19.91	20.02	20.50
		MID	Q16	19.57	19.80	20.04	20.50
		HIGH	Q16	19.62	19.86	19.89	20.50
	75	LOW	Q16	19.79	19.66	20.00	20.50
15	1	LOW	64QAM	19.65	19.82	19.86	20.50
		MID	64QAM	19.88	19.80	19.80	20.50
		HIGH	64QAM	19.72	19.68	19.65	20.50
	36	LOW	64QAM	19.45	19.93	20.34	20.50
		MID	64QAM	19.41	19.70	20.08	20.50
		HIGH	64QAM	19.64	19.90	19.91	20.50
	75	LOW	64QAM	19.63	19.68	19.68	20.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.73	20.04	**20.06**	20.50
		MID	QPSK	19.90	19.80	19.94	20.50
		HIGH	QPSK	19.96	19.98	19.77	20.50
	50	LOW	QPSK	19.93	20.03	20.18	20.50
		MID	QPSK	19.81	20.12	**20.28**	20.50
		HIGH	QPSK	19.86	19.98	20.03	20.50
	100	LOW	QPSK	19.81	19.82	**20.02**	20.50
20	1	LOW	Q16	19.79	19.88	19.78	20.50
		MID	Q16	19.86	19.74	19.76	20.50
		HIGH	Q16	20.02	19.86	19.67	20.50
	50	LOW	Q16	19.71	20.11	20.22	20.50
		MID	Q16	19.67	19.94	20.20	20.50
		HIGH	Q16	19.76	20.08	20.01	20.50
	100	LOW	Q16	19.77	19.88	20.00	20.50
20	1	LOW	64QAM	19.63	19.76	19.76	20.50
		MID	64QAM	19.94	19.72	19.76	20.50
		HIGH	64QAM	19.80	19.82	19.71	20.50
	50	LOW	64QAM	19.49	20.09	20.28	20.50
		MID	64QAM	19.53	19.82	20.04	20.50
		HIGH	64QAM	19.72	20.06	19.89	20.50
	100	LOW	64QAM	19.59	19.74	19.86	20.50

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Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	**19.11**	18.47	18.54	19.50
		MID	QPSK	18.45	18.59	18.62	19.50
		HIGH	QPSK	18.65	18.85	18.73	19.50
	3	LOW	QPSK	18.56	18.73	18.73	19.50
		MID	QPSK	18.74	18.62	**18.85**	19.50
		HIGH	QPSK	18.69	18.72	18.78	19.50
	6	LOW	QPSK	18.54	18.65	**18.70**	19.50
1.4	1	LOW	Q16	18.90	19.06	19.03	19.50
		MID	Q16	18.87	19.27	19.19	19.50
		HIGH	Q16	19.22	19.28	19.37	19.50
	3	LOW	Q16	18.54	18.57	18.70	19.50
		MID	Q16	18.63	18.75	18.80	19.50
		HIGH	Q16	18.84	18.93	18.94	19.50
	6	LOW	Q16	18.82	18.64	18.90	19.50
1.4	1	LOW	64QAM	19.09	19.19	19.09	19.50
		MID	64QAM	19.02	19.28	19.22	19.50
		HIGH	64QAM	19.11	19.20	19.25	19.50
	3	LOW	64QAM	18.71	18.86	18.73	19.50
		MID	64QAM	18.73	18.60	18.98	19.50
		HIGH	64QAM	18.78	18.87	18.74	19.50
	6	LOW	64QAM	18.76	18.70	18.77	19.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	**19.17**	18.67	18.63	19.50
		MID	QPSK	18.57	18.67	18.67	19.50
		HIGH	QPSK	18.63	18.87	18.68	19.50
	8	LOW	QPSK	18.55	18.50	18.57	19.50
		MID	QPSK	18.56	18.59	18.69	19.50
		HIGH	QPSK	18.78	18.69	**18.90**	19.50
	15	LOW	QPSK	18.84	18.75	**18.93**	19.50
3	1	LOW	Q16	18.95	19.20	19.11	19.50
		MID	Q16	18.99	19.31	19.22	19.50
		HIGH	Q16	19.09	19.22	19.35	19.50
	8	LOW	Q16	18.63	18.86	18.61	19.50
		MID	Q16	18.72	18.86	18.87	19.50
		HIGH	Q16	18.82	18.77	18.85	19.50
	15	LOW	Q16	18.73	18.76	18.80	19.50
3	1	LOW	64QAM	18.95	19.00	19.13	19.50
		MID	64QAM	18.86	19.35	19.00	19.50
		HIGH	64QAM	19.16	19.31	19.33	19.50
	8	LOW	64QAM	18.56	18.64	18.74	19.50
		MID	64QAM	18.70	18.78	18.83	19.50
		HIGH	64QAM	18.58	18.97	18.79	19.50
	15	LOW	64QAM	18.75	18.64	18.67	19.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	**19.08**	18.51	18.56	19.50
		MID	QPSK	18.41	18.77	18.59	19.50
		HIGH	QPSK	18.76	18.63	18.72	19.50
	12	LOW	QPSK	18.48	18.64	18.77	19.50
		MID	QPSK	18.83	18.85	18.88	19.50
		HIGH	QPSK	18.70	**18.95**	18.93	19.50
	25	LOW	QPSK	18.82	18.64	**18.86**	19.50
5	1	LOW	Q16	19.00	18.96	19.11	19.50
		MID	Q16	19.10	19.25	19.22	19.50
		HIGH	Q16	19.25	19.18	19.23	19.50
	12	LOW	Q16	18.60	18.80	18.62	19.50
		MID	Q16	18.63	18.87	18.91	19.50
		HIGH	Q16	18.76	18.73	18.74	19.50
	25	LOW	Q16	18.77	18.84	18.90	19.50
5	1	LOW	64QAM	18.90	19.02	19.22	19.50
		MID	64QAM	19.03	19.31	19.06	19.50
		HIGH	64QAM	19.19	19.22	19.22	19.50
	12	LOW	64QAM	18.68	18.74	18.73	19.50
		MID	64QAM	18.54	18.62	18.90	19.50
		HIGH	64QAM	18.75	18.95	19.01	19.50
	25	LOW	64QAM	18.83	18.92	18.68	19.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	**18.99**	18.67	18.62	19.50
		MID	QPSK	18.57	18.82	18.68	19.50
		HIGH	QPSK	18.64	18.87	18.79	19.50
	25	LOW	QPSK	18.56	18.69	18.59	19.50
		MID	QPSK	18.64	18.64	**18.90**	19.50
		HIGH	QPSK	18.60	18.76	18.70	19.50
	50	LOW	QPSK	**18.76**	18.67	18.63	19.50
10	1	LOW	Q16	19.01	19.04	19.26	19.50
		MID	Q16	19.10	19.28	19.25	19.50
		HIGH	Q16	19.07	19.31	19.16	19.50
	25	LOW	Q16	18.68	18.70	18.63	19.50
		MID	Q16	18.52	18.64	18.94	19.50
		HIGH	Q16	18.54	18.83	18.88	19.50
	50	LOW	Q16	18.67	18.82	18.76	19.50
10	1	LOW	64QAM	18.90	19.13	19.32	19.50
		MID	64QAM	18.94	19.08	19.02	19.50
		HIGH	64QAM	19.25	19.47	19.30	19.50
	25	LOW	64QAM	18.55	18.57	18.67	19.50
		MID	64QAM	18.80	18.64	19.00	19.50
		HIGH	64QAM	18.54	18.96	18.99	19.50
	50	LOW	64QAM	18.81	18.92	18.73	19.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	**19.02**	18.39	18.67	19.50
		MID	QPSK	18.55	18.53	18.82	19.50
		HIGH	QPSK	18.53	18.88	18.77	19.50
	36	LOW	QPSK	18.50	18.67	18.79	19.50
		MID	QPSK	18.58	18.86	18.77	19.50
		HIGH	QPSK	18.84	18.74	**18.97**	19.50
	75	LOW	QPSK	**18.79**	18.70	18.67	19.50
15	1	LOW	Q16	18.95	18.99	19.17	19.50
		MID	Q16	18.95	19.36	19.07	19.50
		HIGH	Q16	19.00	19.18	19.36	19.50
	36	LOW	Q16	18.69	18.70	18.63	19.50
		MID	Q16	18.70	18.76	18.97	19.50
		HIGH	Q16	18.55	18.75	18.94	19.50
	75	LOW	Q16	18.66	18.85	18.68	19.50
15	1	LOW	64QAM	19.14	19.03	19.11	19.50
		MID	64QAM	18.96	19.11	19.11	19.50
		HIGH	64QAM	18.99	19.18	19.29	19.50
	36	LOW	64QAM	18.66	18.73	18.73	19.50
		MID	64QAM	18.57	18.82	18.78	19.50
		HIGH	64QAM	18.61	18.69	18.87	19.50
	75	LOW	64QAM	18.75	18.73	18.93	19.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.68	18.52	**19.04**	19.50
		MID	QPSK	18.72	18.67	18.50	19.50
		HIGH	QPSK	18.79	18.73	18.67	19.50
	50	LOW	QPSK	18.60	18.65	18.68	19.50
		MID	QPSK	18.70	18.71	18.80	19.50
		HIGH	QPSK	18.70	18.81	**18.85**	19.50
	100	LOW	QPSK	18.69	18.71	**18.78**	19.50
20	1	LOW	Q16	19.02	19.06	19.17	19.50
		MID	Q16	19.00	19.21	19.15	19.50
		HIGH	Q16	19.12	19.33	19.23	19.50
	50	LOW	Q16	18.56	18.72	18.75	19.50
		MID	Q16	18.65	18.73	18.85	19.50
		HIGH	Q16	18.69	18.84	18.86	19.50
	100	LOW	Q16	18.73	18.77	18.82	19.50
20	1	LOW	64QAM	19.10	19.12	19.26	19.50
		MID	64QAM	18.96	19.18	19.25	19.50
		HIGH	64QAM	19.15	19.27	19.16	19.50
	50	LOW	64QAM	18.52	18.74	18.62	19.50
		MID	64QAM	18.58	18.77	18.92	19.50
		HIGH	64QAM	18.65	18.79	18.77	19.50
	100	LOW	64QAM	18.60	18.89	18.97	19.50

LTE B4-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	**19.11**	18.47	18.54	19.50
		MID	QPSK	18.45	18.59	18.62	19.50
		HIGH	QPSK	18.65	18.85	18.73	19.50
	3	LOW	QPSK	18.56	18.73	18.73	19.50
		MID	QPSK	18.74	18.62	**18.85**	19.50
		HIGH	QPSK	18.69	18.72	18.78	19.50
	6	LOW	QPSK	18.54	18.65	**18.70**	19.50
1.4	1	LOW	Q16	18.90	19.06	19.03	19.50
		MID	Q16	18.87	19.27	19.19	19.50
		HIGH	Q16	19.22	19.28	19.37	19.50
	3	LOW	Q16	18.54	18.57	18.70	19.50
		MID	Q16	18.63	18.75	18.80	19.50
		HIGH	Q16	18.84	18.93	18.94	19.50
	6	LOW	Q16	18.82	18.64	18.90	19.50
1.4	1	LOW	64QAM	19.09	19.19	19.09	19.50
		MID	64QAM	19.02	19.28	19.22	19.50
		HIGH	64QAM	19.11	19.20	19.25	19.50
	3	LOW	64QAM	18.71	18.86	18.73	19.50
		MID	64QAM	18.73	18.60	18.98	19.50
		HIGH	64QAM	18.78	18.87	18.74	19.50
	6	LOW	64QAM	18.76	18.70	18.77	19.50
Bandwidth (	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	**19.17**	18.67	18.63	19.50
		MID	QPSK	18.57	18.67	18.67	19.50
		HIGH	QPSK	18.63	18.87	18.68	19.50
	8	LOW	QPSK	18.55	18.50	18.57	19.50
		MID	QPSK	18.56	18.59	18.69	19.50
		HIGH	QPSK	18.78	18.69	**18.90**	19.50
	15	LOW	QPSK	18.84	18.75	**18.93**	19.50
3	1	LOW	Q16	18.95	19.20	19.11	19.50
		MID	Q16	18.99	19.31	19.22	19.50
		HIGH	Q16	19.09	19.22	19.35	19.50
	8	LOW	Q16	18.63	18.86	18.61	19.50
		MID	Q16	18.72	18.86	18.87	19.50
		HIGH	Q16	18.82	18.77	18.85	19.50
	15	LOW	Q16	18.73	18.76	18.80	19.50
3	1	LOW	64QAM	18.95	19.00	19.13	19.50
		MID	64QAM	18.86	19.35	19.00	19.50
		HIGH	64QAM	19.16	19.31	19.33	19.50
	8	LOW	64QAM	18.56	18.64	18.74	19.50
		MID	64QAM	18.70	18.78	18.83	19.50
		HIGH	64QAM	18.58	18.97	18.79	19.50
	15	LOW	64QAM	18.75	18.64	18.67	19.50

Bandwidth (	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	**19.08**	18.51	18.56	19.50
		MID	QPSK	18.41	18.77	18.59	19.50
		HIGH	QPSK	18.76	18.63	18.72	19.50
	12	LOW	QPSK	18.48	18.64	18.77	19.50
		MID	QPSK	18.83	18.85	18.88	19.50
		HIGH	QPSK	18.70	**18.95**	18.93	19.50
	25	LOW	QPSK	18.82	18.64	**18.86**	19.50
5	1	LOW	Q16	19.00	18.96	19.11	19.50
		MID	Q16	19.10	19.25	19.22	19.50
		HIGH	Q16	19.25	19.18	19.23	19.50
	12	LOW	Q16	18.60	18.80	18.62	19.50
		MID	Q16	18.63	18.87	18.91	19.50
		HIGH	Q16	18.76	18.73	18.74	19.50
	25	LOW	Q16	18.77	18.84	18.90	19.50
5	1	LOW	64QAM	18.90	19.02	19.22	19.50
		MID	64QAM	19.03	19.31	19.06	19.50
		HIGH	64QAM	19.19	19.22	19.22	19.50
	12	LOW	64QAM	18.68	18.74	18.73	19.50
		MID	64QAM	18.54	18.62	18.90	19.50
		HIGH	64QAM	18.75	18.95	19.01	19.50
	25	LOW	64QAM	18.83	18.92	18.68	19.50
Bandwidth (	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	**18.99**	18.67	18.62	19.50
		MID	QPSK	18.57	18.82	18.68	19.50
		HIGH	QPSK	18.64	18.87	18.79	19.50
	25	LOW	QPSK	18.56	18.69	18.59	19.50
		MID	QPSK	18.64	18.64	**18.90**	19.50
		HIGH	QPSK	18.60	18.76	18.70	19.50
	50	LOW	QPSK	**18.76**	18.67	18.63	19.50
10	1	LOW	Q16	19.01	19.04	19.26	19.50
		MID	Q16	19.10	19.28	19.25	19.50
		HIGH	Q16	19.07	19.31	19.16	19.50
	25	LOW	Q16	18.68	18.70	18.63	19.50
		MID	Q16	18.52	18.64	18.94	19.50
		HIGH	Q16	18.54	18.83	18.88	19.50
	50	LOW	Q16	18.67	18.82	18.76	19.50
10	1	LOW	64QAM	18.90	19.13	19.32	19.50
		MID	64QAM	18.94	19.08	19.02	19.50
		HIGH	64QAM	19.25	19.47	19.30	19.50
	25	LOW	64QAM	18.55	18.57	18.67	19.50
		MID	64QAM	18.80	18.64	19.00	19.50
		HIGH	64QAM	18.54	18.96	18.99	19.50
	50	LOW	64QAM	18.81	18.92	18.73	19.50

Bandwidth (	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	**19.02**	18.39	18.67	19.50
		MID	QPSK	18.55	18.53	18.82	19.50
		HIGH	QPSK	18.53	18.88	18.77	19.50
	36	LOW	QPSK	18.50	18.67	18.79	19.50
		MID	QPSK	18.58	18.86	18.77	19.50
		HIGH	QPSK	18.84	18.74	**18.97**	19.50
	75	LOW	QPSK	**18.79**	18.70	18.67	19.50
15	1	LOW	Q16	18.95	18.99	19.17	19.50
		MID	Q16	18.95	19.36	19.07	19.50
		HIGH	Q16	19.00	19.18	19.36	19.50
	36	LOW	Q16	18.69	18.70	18.63	19.50
		MID	Q16	18.70	18.76	18.97	19.50
		HIGH	Q16	18.55	18.75	18.94	19.50
	75	LOW	Q16	18.66	18.85	18.68	19.50
15	1	LOW	64QAM	19.14	19.03	19.11	19.50
		MID	64QAM	18.96	19.11	19.11	19.50
		HIGH	64QAM	18.99	19.18	19.29	19.50
	36	LOW	64QAM	18.66	18.73	18.73	19.50
		MID	64QAM	18.57	18.82	18.78	19.50
		HIGH	64QAM	18.61	18.69	18.87	19.50
	75	LOW	64QAM	18.75	18.73	18.93	19.50
Bandwidth (	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	18.68	18.52	**19.04**	19.50
		MID	QPSK	18.72	18.67	18.50	19.50
		HIGH	QPSK	18.79	18.73	18.67	19.50
	50	LOW	QPSK	18.60	18.65	18.68	19.50
		MID	QPSK	18.70	18.71	18.80	19.50
		HIGH	QPSK	18.70	18.81	**18.85**	19.50
	100	LOW	QPSK	18.69	18.71	**18.78**	19.50
20	1	LOW	Q16	19.02	19.06	19.17	19.50
		MID	Q16	19.00	19.21	19.15	19.50
		HIGH	Q16	19.12	19.33	19.23	19.50
	50	LOW	Q16	18.56	18.72	18.75	19.50
		MID	Q16	18.65	18.73	18.85	19.50
		HIGH	Q16	18.69	18.84	18.86	19.50
	100	LOW	Q16	18.73	18.77	18.82	19.50
20	1	LOW	64QAM	19.10	19.12	19.26	19.50
		MID	64QAM	18.96	19.18	19.25	19.50
		HIGH	64QAM	19.15	19.27	19.16	19.50
	50	LOW	64QAM	18.52	18.74	18.62	19.50
		MID	64QAM	18.58	18.77	18.92	19.50
		HIGH	64QAM	18.65	18.79	18.77	19.50
	100	LOW	64QAM	18.60	18.89	18.97	19.50

8.3.3 LTE Band5 Output Power

LTE B5-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	23.38	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	23.32	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	22.24	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	23.27	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	22.56	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	22.49	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	23.34	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	22.50	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	22.35	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

LTE B5-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.63	21.56	21.53	23.00
		MID	QPSK	21.47	21.65	21.35	23.00
		HIGH	QPSK	21.54	21.35	21.36	23.00
	3	LOW	QPSK	21.42	21.46	21.51	23.00
		MID	QPSK	21.61	21.68	21.47	23.00
		HIGH	QPSK	21.68	21.62	21.47	23.00
	6	LOW	QPSK	21.64	21.61	21.72	23.00
1.4	1	LOW	Q16	21.48	21.81	21.54	23.00
		MID	Q16	21.55	22.08	21.74	23.00
		HIGH	Q16	21.42	21.94	21.45	23.00
	3	LOW	Q16	21.43	21.44	21.60	22.50
		MID	Q16	21.53	21.46	21.35	22.50
		HIGH	Q16	21.41	21.61	21.38	22.50
	6	LOW	Q16	21.46	21.56	21.50	22.50
1.4	1	LOW	64QAM	21.09	21.33	21.06	22.50
		MID	64QAM	21.12	21.50	21.18	22.50
		HIGH	64QAM	20.83	21.36	21.05	22.50
	3	LOW	64QAM	21.38	21.30	21.58	22.50
		MID	64QAM	21.61	21.31	21.40	22.50
		HIGH	64QAM	21.43	21.68	21.37	22.50
	6	LOW	64QAM	20.58	20.70	20.42	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	21.54	21.57	21.63	23.00
		MID	QPSK	21.40	21.59	21.64	23.00
		HIGH	QPSK	21.51	21.44	21.47	23.00
	8	LOW	QPSK	21.59	21.49	21.54	23.00
		MID	QPSK	21.70	21.82	21.46	23.00
		HIGH	QPSK	21.58	21.71	21.68	23.00
	15	LOW	QPSK	21.64	21.57	21.70	23.00
3	1	LOW	Q16	21.46	22.03	21.63	23.00
		MID	Q16	21.37	22.10	21.60	23.00
		HIGH	Q16	21.35	21.86	21.62	23.00
	8	LOW	Q16	21.44	21.36	21.44	22.50
		MID	Q16	21.43	21.66	21.46	22.50
		HIGH	Q16	21.40	21.57	21.41	22.50
	15	LOW	Q16	21.36	21.38	21.41	22.50
3	1	LOW	64QAM	20.87	21.33	21.11	22.50
		MID	64QAM	20.82	21.55	20.96	22.50
		HIGH	64QAM	20.98	21.50	20.86	22.50
	8	LOW	64QAM	20.57	20.60	20.43	21.50
		MID	64QAM	20.51	20.51	20.35	21.50
		HIGH	64QAM	20.58	20.50	20.64	21.50
	15	LOW	64QAM	20.44	20.38	20.28	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	21.41	21.39	21.56	23.00
		MID	QPSK	21.62	21.50	21.53	23.00
		HIGH	QPSK	21.37	21.44	21.29	23.00
	12	LOW	QPSK	21.40	21.52	21.43	23.00
		MID	QPSK	21.55	21.56	21.49	23.00
		HIGH	QPSK	21.50	21.59	21.73	23.00
	25	LOW	QPSK	21.61	21.58	21.61	23.00
5	1	LOW	Q16	21.45	21.97	21.50	23.00
		MID	Q16	21.45	22.07	21.60	23.00
		HIGH	Q16	21.63	21.88	21.36	23.00
	12	LOW	Q16	21.43	21.43	21.56	22.50
		MID	Q16	21.48	21.56	21.35	22.50
		HIGH	Q16	21.36	21.59	21.44	22.50
	25	LOW	Q16	21.50	21.48	21.58	22.50
5	1	LOW	64QAM	21.04	21.50	21.03	22.50
		MID	64QAM	21.05	21.59	21.20	22.50
		HIGH	64QAM	20.88	21.36	20.91	22.50
	12	LOW	64QAM	20.59	20.41	20.51	21.50
		MID	64QAM	20.52	20.41	20.59	21.50
		HIGH	64QAM	20.59	20.44	20.57	21.50
	25	LOW	64QAM	20.45	20.52	20.45	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**21.53**	21.48	21.50	23.00
		MID	QPSK	21.47	21.51	21.49	23.00
		HIGH	QPSK	21.48	21.45	21.44	23.00
	25	LOW	QPSK	21.55	21.59	21.55	23.00
		MID	QPSK	**21.69**	21.64	21.58	23.00
		HIGH	QPSK	21.62	21.66	21.61	23.00
	50	LOW	QPSK	**21.69**	21.61	21.57	23.00
10	1	LOW	Q16	21.52	21.94	21.52	23.00
		MID	Q16	21.45	22.01	21.60	23.00
		HIGH	Q16	21.49	21.91	21.49	23.00
	25	LOW	Q16	21.45	21.48	21.50	22.50
		MID	Q16	21.57	21.51	21.47	22.50
		HIGH	Q16	21.48	21.53	21.52	22.50
	50	LOW	Q16	21.48	21.43	21.43	22.50
10	1	LOW	64QAM	20.97	21.43	21.03	22.50
		MID	64QAM	20.86	21.53	21.04	22.50
		HIGH	64QAM	20.96	21.42	21.11	22.50
	25	LOW	64QAM	20.36	20.63	20.48	21.50
		MID	64QAM	20.71	20.48	20.47	21.50
		HIGH	64QAM	20.39	20.41	20.50	21.50
	50	LOW	64QAM	20.37	20.48	20.31	21.50

LTE B5-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.41	**15.66**	15.62	17.00
		MID	QPSK	15.65	15.38	15.57	17.00
		HIGH	QPSK	15.63	15.54	15.39	17.00
	3	LOW	QPSK	15.68	15.63	15.52	17.00
		MID	QPSK	15.74	15.82	15.71	17.00
		HIGH	QPSK	15.61	**15.83**	15.55	17.00
	6	LOW	QPSK	**15.75**	**15.75**	15.48	17.00
1.4	1	LOW	Q16	15.71	16.05	15.54	17.00
		MID	Q16	15.63	15.94	15.62	17.00
		HIGH	Q16	15.58	16.03	15.65	17.00
	3	LOW	Q16	15.83	15.63	15.70	17.00
		MID	Q16	15.70	15.95	15.62	17.00
		HIGH	Q16	15.59	15.77	15.76	17.00
	6	LOW	Q16	15.65	15.78	15.80	17.00
1.4	1	LOW	64QAM	15.56	16.04	15.70	17.00
		MID	64QAM	15.67	15.93	15.48	17.00
		HIGH	64QAM	15.42	16.09	15.59	17.00
	3	LOW	64QAM	15.79	15.59	15.68	17.00
		MID	64QAM	15.93	15.95	15.70	17.00
		HIGH	64QAM	15.71	15.84	15.79	17.00
	6	LOW	64QAM	15.69	15.73	15.73	17.00
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	15.47	**15.70**	15.48	17.00
		MID	QPSK	15.47	15.43	15.42	17.00
		HIGH	QPSK	15.45	15.59	15.44	17.00
	8	LOW	QPSK	15.63	15.54	15.73	17.00
		MID	QPSK	**15.83**	15.71	15.49	17.00
		HIGH	QPSK	15.60	15.58	15.56	17.00
	15	LOW	QPSK	**15.73**	15.58	**15.73**	17.00
3	1	LOW	Q16	15.65	16.21	15.56	17.00
		MID	Q16	15.42	15.93	15.53	17.00
		HIGH	Q16	15.59	16.06	15.57	17.00
	8	LOW	Q16	15.79	15.81	15.78	17.00
		MID	Q16	15.65	15.66	15.65	17.00
		HIGH	Q16	15.79	15.89	15.65	17.00
	15	LOW	Q16	15.60	15.58	15.76	17.00
3	1	LOW	64QAM	15.57	15.91	15.73	17.00
		MID	64QAM	15.61	16.12	15.58	17.00
		HIGH	64QAM	15.48	16.10	15.55	17.00
	8	LOW	64QAM	15.69	15.65	15.76	17.00
		MID	64QAM	15.64	15.89	15.82	17.00
		HIGH	64QAM	15.87	15.65	15.83	17.00
	15	LOW	64QAM	15.59	15.53	15.80	17.00

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**15.56**	15.52	15.45	17.00
		MID	QPSK	15.47	15.49	15.42	17.00
		HIGH	QPSK	15.48	15.43	15.55	17.00
	12	LOW	QPSK	15.78	**15.80**	15.59	17.00
		MID	QPSK	15.56	15.64	15.67	17.00
		HIGH	QPSK	15.75	15.65	15.67	17.00
	25	LOW	QPSK	**15.85**	15.57	15.53	17.00
5	1	LOW	Q16	15.68	16.00	15.64	17.00
		MID	Q16	15.57	16.04	15.59	17.00
		HIGH	Q16	15.40	16.01	15.46	17.00
	12	LOW	Q16	15.60	15.67	15.67	17.00
		MID	Q16	15.76	15.78	15.76	17.00
		HIGH	Q16	15.64	15.66	15.78	17.00
	25	LOW	Q16	15.65	15.64	15.58	17.00
5	1	LOW	64QAM	15.44	16.21	15.77	17.00
		MID	64QAM	15.42	15.86	15.73	17.00
		HIGH	64QAM	15.55	16.16	15.64	17.00
	12	LOW	64QAM	15.82	15.81	15.79	17.00
		MID	64QAM	15.85	15.85	15.75	17.00
		HIGH	64QAM	15.63	15.93	15.68	17.00
	25	LOW	64QAM	15.67	15.58	15.79	17.00
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**15.57**	15.56	15.52	17.00
		MID	QPSK	15.53	15.53	15.56	17.00
		HIGH	QPSK	15.54	15.55	15.51	17.00
	25	LOW	QPSK	15.65	15.66	15.62	17.00
		MID	QPSK	**15.74**	15.71	15.64	17.00
		HIGH	QPSK	15.70	**15.74**	15.69	17.00
	50	LOW	QPSK	**15.70**	15.62	15.60	17.00
10	1	LOW	Q16	15.58	16.06	15.62	17.00
		MID	Q16	15.52	16.01	15.60	17.00
		HIGH	Q16	15.49	16.06	15.53	17.00
	25	LOW	Q16	15.71	15.72	15.76	17.00
		MID	Q16	15.78	15.80	15.74	17.00
		HIGH	Q16	15.73	15.79	15.74	17.00
	50	LOW	Q16	15.71	15.67	15.66	17.00
10	1	LOW	64QAM	15.51	15.92	15.58	17.00
		MID	64QAM	15.46	16.01	15.60	17.00
		HIGH	64QAM	15.50	15.94	15.68	17.00
	25	LOW	64QAM	15.71	15.87	15.84	17.00
		MID	64QAM	15.85	15.79	15.79	17.00
		HIGH	64QAM	15.88	15.78	15.60	17.00
	50	LOW	64QAM	15.81	15.53	15.53	17.00

LTE B5-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.41	**15.66**	15.62	17.00
		MID	QPSK	15.65	15.38	15.57	17.00
		HIGH	QPSK	15.63	15.54	15.39	17.00
	3	LOW	QPSK	15.68	15.63	15.52	17.00
		MID	QPSK	15.74	15.82	15.71	17.00
		HIGH	QPSK	15.61	**15.83**	15.55	17.00
	6	LOW	QPSK	**15.75**	**15.75**	15.48	17.00
1.4	1	LOW	Q16	15.71	16.05	15.54	17.00
		MID	Q16	15.63	15.94	15.62	17.00
		HIGH	Q16	15.58	16.03	15.65	17.00
	3	LOW	Q16	15.83	15.63	15.70	17.00
		MID	Q16	15.70	15.95	15.62	17.00
		HIGH	Q16	15.59	15.77	15.76	17.00
	6	LOW	Q16	15.65	15.78	15.80	17.00
1.4	1	LOW	64QAM	15.56	16.04	15.70	17.00
		MID	64QAM	15.67	15.93	15.48	17.00
		HIGH	64QAM	15.42	16.09	15.59	17.00
	3	LOW	64QAM	15.79	15.59	15.68	17.00
		MID	64QAM	15.93	15.95	15.70	17.00
		HIGH	64QAM	15.71	15.84	15.79	17.00
	6	LOW	64QAM	15.69	15.73	15.73	17.00
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	15.47	**15.70**	15.48	17.00
		MID	QPSK	15.47	15.43	15.42	17.00
		HIGH	QPSK	15.45	15.59	15.44	17.00
	8	LOW	QPSK	15.63	15.54	15.73	17.00
		MID	QPSK	**15.83**	15.71	15.49	17.00
		HIGH	QPSK	15.60	15.58	15.56	17.00
	15	LOW	QPSK	**15.73**	15.58	**15.73**	17.00
3	1	LOW	Q16	15.65	16.21	15.56	17.00
		MID	Q16	15.42	15.93	15.53	17.00
		HIGH	Q16	15.59	16.06	15.57	17.00
	8	LOW	Q16	15.79	15.81	15.78	17.00
		MID	Q16	15.65	15.66	15.65	17.00
		HIGH	Q16	15.79	15.89	15.65	17.00
	15	LOW	Q16	15.60	15.58	15.76	17.00
3	1	LOW	64QAM	15.57	15.91	15.73	17.00
		MID	64QAM	15.61	16.12	15.58	17.00
		HIGH	64QAM	15.48	16.10	15.55	17.00
	8	LOW	64QAM	15.69	15.65	15.76	17.00
		MID	64QAM	15.64	15.89	15.82	17.00
		HIGH	64QAM	15.87	15.65	15.83	17.00
	15	LOW	64QAM	15.59	15.53	15.80	17.00

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	**15.56**	15.52	15.45	17.00
		MID	QPSK	15.47	15.49	15.42	17.00
		HIGH	QPSK	15.48	15.43	15.55	17.00
	12	LOW	QPSK	15.78	**15.80**	15.59	17.00
		MID	QPSK	15.56	15.64	15.67	17.00
		HIGH	QPSK	15.75	15.65	15.67	17.00
	25	LOW	QPSK	**15.85**	15.57	15.53	17.00
5	1	LOW	Q16	15.68	16.00	15.64	17.00
		MID	Q16	15.57	16.04	15.59	17.00
		HIGH	Q16	15.40	16.01	15.46	17.00
	12	LOW	Q16	15.60	15.67	15.67	17.00
		MID	Q16	15.76	15.78	15.76	17.00
		HIGH	Q16	15.64	15.66	15.78	17.00
	25	LOW	Q16	15.65	15.64	15.58	17.00
5	1	LOW	64QAM	15.44	16.21	15.77	17.00
		MID	64QAM	15.42	15.86	15.73	17.00
		HIGH	64QAM	15.55	16.16	15.64	17.00
	12	LOW	64QAM	15.82	15.81	15.79	17.00
		MID	64QAM	15.85	15.85	15.75	17.00
		HIGH	64QAM	15.63	15.93	15.68	17.00
	25	LOW	64QAM	15.67	15.58	15.79	17.00
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	15.56	**15.57**	15.52	17.00
		MID	QPSK	15.53	15.53	15.56	17.00
		HIGH	QPSK	15.55	15.54	15.51	17.00
	25	LOW	QPSK	15.66	15.65	15.62	17.00
		MID	QPSK	15.71	**15.74**	15.64	17.00
		HIGH	QPSK	**15.74**	15.70	15.69	17.00
	50	LOW	QPSK	**15.70**	15.62	15.60	17.00
10	1	LOW	Q16	15.58	16.06	15.62	17.00
		MID	Q16	15.52	16.01	15.60	17.00
		HIGH	Q16	15.49	16.06	15.53	17.00
	25	LOW	Q16	15.71	15.72	15.76	17.00
		MID	Q16	15.78	15.80	15.74	17.00
		HIGH	Q16	15.73	15.79	15.74	17.00
	50	LOW	Q16	15.71	15.67	15.66	17.00
10	1	LOW	64QAM	15.51	15.92	15.58	17.00
		MID	64QAM	15.46	16.01	15.60	17.00
		HIGH	64QAM	15.50	15.94	15.68	17.00
	25	LOW	64QAM	15.71	15.87	15.84	17.00
		MID	64QAM	15.85	15.79	15.79	17.00
		HIGH	64QAM	15.88	15.78	15.60	17.00
	50	LOW	64QAM	15.81	15.53	15.53	17.00

LTE B5-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	**23.38**	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	**23.32**	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	**22.24**	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	**23.27**	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	**22.56**	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	**22.49**	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	**23.34**	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	**22.50**	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	**22.35**	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	**23.38**	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	**23.32**	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	**22.24**	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	**23.27**	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	**22.56**	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	**22.49**	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	**23.34**	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	**22.50**	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	**22.35**	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	**23.38**	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	**23.32**	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	**22.24**	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	**23.27**	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	**22.56**	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	**22.49**	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	**23.34**	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	**22.50**	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	**22.35**	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	**23.38**	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	**23.32**	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	**22.24**	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	**23.27**	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	**22.56**	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	**22.49**	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	**23.34**	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	**22.50**	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	**22.35**	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

LTE B5-State 12 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.41	20.28	20.31	21.50
		MID	QPSK	20.31	19.98	20.23	21.50
		HIGH	QPSK	20.22	20.31	20.22	21.50
	3	LOW	QPSK	20.48	20.13	20.30	21.50
		MID	QPSK	20.36	20.19	20.46	21.50
		HIGH	QPSK	20.18	20.48	20.46	21.50
	6	LOW	QPSK	20.40	20.39	20.20	21.50
1.4	1	LOW	Q16	20.51	20.55	20.47	21.50
		MID	Q16	20.36	20.31	20.07	21.50
		HIGH	Q16	20.21	20.25	20.52	21.50
	3	LOW	Q16	20.30	20.46	20.27	21.50
		MID	Q16	20.56	20.41	20.74	21.50
		HIGH	Q16	20.62	20.10	20.80	21.50
	6	LOW	Q16	20.51	20.34	20.54	21.50
1.4	1	LOW	64QAM	20.12	20.30	20.31	21.50
		MID	64QAM	19.80	20.29	20.03	21.50
		HIGH	64QAM	20.46	20.80	20.16	21.50
	3	LOW	64QAM	20.35	20.36	20.40	21.50
		MID	64QAM	20.54	20.63	20.75	21.50
		HIGH	64QAM	20.49	20.13	20.45	21.50
	6	LOW	64QAM	20.39	20.43	20.62	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	20.47	20.28	20.47	21.50
		MID	QPSK	20.33	20.00	20.13	21.50
		HIGH	QPSK	20.36	20.11	20.12	21.50
	8	LOW	QPSK	20.20	20.01	20.24	21.50
		MID	QPSK	20.40	20.35	20.42	21.50
		HIGH	QPSK	20.40	20.46	20.48	21.50
	15	LOW	QPSK	20.54	20.35	20.40	21.50
3	1	LOW	Q16	20.45	20.73	20.55	21.50
		MID	Q16	20.36	20.35	20.13	21.50
		HIGH	Q16	20.39	20.31	20.54	21.50
	8	LOW	Q16	20.08	20.38	20.31	21.50
		MID	Q16	20.41	20.29	20.82	21.50
		HIGH	Q16	20.58	20.14	20.58	21.50
	15	LOW	Q16	20.36	20.08	20.30	21.50
3	1	LOW	64QAM	20.06	20.24	20.25	21.50
		MID	64QAM	19.94	20.29	20.19	21.50
		HIGH	64QAM	20.33	20.52	20.04	21.50
	8	LOW	64QAM	20.33	20.42	20.20	21.50
		MID	64QAM	20.56	20.81	20.77	21.50
		HIGH	64QAM	20.57	20.17	20.35	21.50
	15	LOW	64QAM	20.43	20.55	20.58	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.55	20.18	20.39	21.50
		MID	QPSK	20.23	20.14	20.01	21.50
		HIGH	QPSK	20.34	20.09	20.02	21.50
	12	LOW	QPSK	20.42	20.09	20.14	21.50
		MID	QPSK	20.42	20.41	20.46	21.50
		HIGH	QPSK	20.20	20.48	20.38	21.50
	25	LOW	QPSK	20.42	20.49	20.26	21.50
5	1	LOW	Q16	20.47	20.67	20.33	21.50
		MID	Q16	20.18	20.55	20.01	21.50
		HIGH	Q16	20.41	20.35	20.50	21.50
	12	LOW	Q16	20.26	20.42	20.23	21.50
		MID	Q16	20.58	20.47	20.57	21.50
		HIGH	Q16	20.40	20.12	20.72	21.50
	25	LOW	Q16	20.47	20.12	20.48	21.50
5	1	LOW	64QAM	20.06	20.14	20.11	21.50
		MID	64QAM	19.86	20.37	20.03	21.50
		HIGH	64QAM	20.31	20.48	19.90	21.50
	12	LOW	64QAM	20.39	20.28	20.20	21.50
		MID	64QAM	20.39	20.67	20.61	21.50
		HIGH	64QAM	20.57	19.99	20.57	21.50
	25	LOW	64QAM	20.55	20.49	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**20.45**	20.38	20.37	21.50
		MID	QPSK	20.33	20.10	20.21	21.50
		HIGH	QPSK	20.32	20.27	20.24	21.50
	25	LOW	QPSK	**20.42**	20.21	20.34	21.50
		MID	QPSK	20.38	20.33	20.38	21.50
		HIGH	QPSK	20.40	20.40	20.40	21.50
	50	LOW	QPSK	**20.52**	20.51	20.30	21.50
10	1	LOW	Q16	20.45	20.65	20.45	21.50
		MID	Q16	20.26	20.45	20.23	21.50
		HIGH	Q16	20.37	20.45	20.48	21.50
	25	LOW	Q16	20.26	20.48	20.37	21.50
		MID	Q16	20.60	20.49	20.74	21.50
		HIGH	Q16	20.54	20.28	20.70	21.50
	50	LOW	Q16	20.57	20.30	20.46	21.50
10	1	LOW	64QAM	20.28	20.36	20.23	21.50
		MID	64QAM	20.02	20.47	20.11	21.50
		HIGH	64QAM	20.54	20.72	20.06	21.50
	25	LOW	64QAM	20.33	20.48	20.42	21.50
		MID	64QAM	20.60	20.73	20.67	21.50
		HIGH	64QAM	20.57	20.11	20.49	21.50
	50	LOW	64QAM	20.47	20.45	20.58	21.50

LTE B5-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.20	19.23	19.03	20.50
		MID	QPSK	18.85	18.76	18.87	20.50
		HIGH	QPSK	18.93	19.16	19.16	20.50
	3	LOW	QPSK	19.13	19.19	18.98	20.50
		MID	QPSK	19.22	19.10	18.95	20.50
		HIGH	QPSK	18.88	18.93	18.91	20.50
	6	LOW	QPSK	19.36	19.40	19.28	20.50
1.4	1	LOW	Q16	19.35	19.58	19.29	20.50
		MID	Q16	19.02	19.04	19.11	20.50
		HIGH	Q16	19.06	19.11	18.98	20.50
	3	LOW	Q16	19.39	19.16	19.07	20.50
		MID	Q16	19.11	19.09	19.22	20.50
		HIGH	Q16	19.11	18.94	18.79	20.50
	6	LOW	Q16	19.01	19.13	19.13	20.50
1.4	1	LOW	64QAM	19.14	19.05	19.16	20.50
		MID	64QAM	19.00	19.20	19.36	20.50
		HIGH	64QAM	19.39	19.37	19.53	20.50
	3	LOW	64QAM	19.08	19.12	19.29	20.50
		MID	64QAM	19.23	19.28	19.38	20.50
		HIGH	64QAM	18.86	18.77	18.64	20.50
	6	LOW	64QAM	18.98	19.42	19.16	20.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.28	19.27	19.22	20.50
		MID	QPSK	18.81	18.89	18.68	20.50
		HIGH	QPSK	19.16	18.93	19.12	20.50
	8	LOW	QPSK	19.20	19.29	18.89	20.50
		MID	QPSK	19.26	19.03	19.01	20.50
		HIGH	QPSK	18.92	18.98	18.89	20.50
	15	LOW	QPSK	19.30	19.13	19.32	20.50
3	1	LOW	Q16	19.29	19.32	19.29	20.50
		MID	Q16	18.92	18.94	19.01	20.50
		HIGH	Q16	19.05	19.04	19.07	20.50
	8	LOW	Q16	19.41	19.29	19.29	20.50
		MID	Q16	19.38	19.10	18.99	20.50
		HIGH	Q16	18.86	19.13	18.85	20.50
	15	LOW	Q16	18.97	18.88	19.27	20.50
3	1	LOW	64QAM	18.87	19.03	18.98	20.50
		MID	64QAM	19.07	19.30	19.14	20.50
		HIGH	64QAM	19.55	19.18	19.41	20.50
	8	LOW	64QAM	19.01	19.39	19.23	20.50
		MID	64QAM	19.48	19.38	19.38	20.50
		HIGH	64QAM	18.90	19.05	18.79	20.50
	15	LOW	64QAM	19.09	19.17	19.24	20.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.02	19.22	20.50
		MID	QPSK	18.97	18.99	18.85	20.50
		HIGH	QPSK	18.89	19.04	19.14	20.50
	12	LOW	QPSK	19.20	19.17	18.85	20.50
		MID	QPSK	19.22	19.14	18.93	20.50
		HIGH	QPSK	19.09	19.10	19.12	20.50
	25	LOW	QPSK	19.20	19.09	19.32	20.50
5	1	LOW	Q16	19.15	19.30	19.36	20.50
		MID	Q16	19.03	19.07	19.00	20.50
		HIGH	Q16	19.18	19.21	19.11	20.50
	12	LOW	Q16	19.43	19.20	19.17	20.50
		MID	Q16	19.32	19.01	19.03	20.50
		HIGH	Q16	18.94	19.11	18.83	20.50
	25	LOW	Q16	18.84	18.86	19.06	20.50
5	1	LOW	64QAM	19.10	18.96	18.98	20.50
		MID	64QAM	19.00	19.34	19.26	20.50
		HIGH	64QAM	19.33	19.41	19.39	20.50
	12	LOW	64QAM	19.05	19.10	19.21	20.50
		MID	64QAM	19.46	19.19	19.28	20.50
		HIGH	64QAM	18.84	18.98	18.64	20.50
	25	LOW	64QAM	19.11	19.17	19.09	20.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**19.28**	19.23	19.14	20.50
		MID	QPSK	18.89	18.95	18.87	20.50
		HIGH	QPSK	19.10	19.12	19.20	20.50
	25	LOW	QPSK	**19.32**	19.29	19.02	20.50
		MID	QPSK	19.18	19.16	19.03	20.50
		HIGH	QPSK	19.03	19.04	19.04	20.50
	50	LOW	QPSK	**19.32**	19.30	19.26	20.50
10	1	LOW	Q16	19.29	19.48	19.50	20.50
		MID	Q16	19.13	19.15	19.11	20.50
		HIGH	Q16	19.16	19.15	19.11	20.50
	25	LOW	Q16	19.41	19.35	19.19	20.50
		MID	Q16	19.32	19.22	19.20	20.50
		HIGH	Q16	19.07	19.13	18.98	20.50
	50	LOW	Q16	19.05	19.05	19.23	20.50
10	1	LOW	64QAM	19.08	19.13	19.06	20.50
		MID	64QAM	19.11	19.30	19.30	20.50
		HIGH	64QAM	19.45	19.37	19.43	20.50
	25	LOW	64QAM	19.16	19.29	19.33	20.50
		MID	64QAM	19.42	19.40	19.46	20.50
		HIGH	64QAM	18.92	18.96	18.81	20.50
	50	LOW	64QAM	19.13	19.32	19.26	20.50

LTE B5-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.23	17.32	17.21	18.50
		MID	QPSK	16.81	16.78	16.70	18.50
		HIGH	QPSK	17.07	17.09	17.01	18.50
	3	LOW	QPSK	17.27	17.36	16.99	18.50
		MID	QPSK	17.21	17.04	17.03	18.50
		HIGH	QPSK	17.03	17.11	16.90	18.50
	6	LOW	QPSK	17.29	17.39	17.14	18.50
1.4	1	LOW	Q16	17.34	17.41	17.57	18.50
		MID	Q16	17.03	17.22	16.96	18.50
		HIGH	Q16	17.04	17.05	17.02	18.50
	3	LOW	Q16	17.27	17.25	17.10	18.50
		MID	Q16	17.25	17.05	17.17	18.50
		HIGH	Q16	16.97	17.08	16.93	18.50
	6	LOW	Q16	17.14	17.07	17.23	18.50
1.4	1	LOW	64QAM	17.10	16.94	16.97	18.50
		MID	64QAM	17.08	17.21	17.11	18.50
		HIGH	64QAM	17.52	17.46	17.31	18.50
	3	LOW	64QAM	17.13	17.34	17.40	18.50
		MID	64QAM	17.26	17.33	17.53	18.50
		HIGH	64QAM	16.95	16.82	16.79	18.50
	6	LOW	64QAM	17.06	17.16	17.16	18.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	17.31	17.21	17.04	18.50
		MID	QPSK	16.75	16.93	16.85	18.50
		HIGH	QPSK	17.01	17.15	17.13	18.50
	8	LOW	QPSK	17.20	17.38	17.00	18.50
		MID	QPSK	17.11	17.18	16.88	18.50
		HIGH	QPSK	17.10	16.90	16.97	18.50
	15	LOW	QPSK	17.41	17.30	17.09	18.50
3	1	LOW	Q16	17.32	17.39	17.41	18.50
		MID	Q16	17.01	17.17	17.11	18.50
		HIGH	Q16	17.19	17.15	17.08	18.50
	8	LOW	Q16	17.50	17.37	17.04	18.50
		MID	Q16	17.29	17.15	17.11	18.50
		HIGH	Q16	17.07	17.06	17.06	18.50
	15	LOW	Q16	16.86	17.03	17.14	18.50
3	1	LOW	64QAM	17.11	16.99	16.87	18.50
		MID	64QAM	17.04	17.27	17.28	18.50
		HIGH	64QAM	17.29	17.35	17.45	18.50
	8	LOW	64QAM	17.25	17.29	17.28	18.50
		MID	64QAM	17.32	17.45	17.26	18.50
		HIGH	64QAM	16.82	16.94	16.86	18.50
	15	LOW	64QAM	17.20	17.41	17.24	18.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	17.21	17.11	17.04	18.50
		MID	QPSK	16.89	16.87	16.70	18.50
		HIGH	QPSK	16.91	17.12	17.22	18.50
	12	LOW	QPSK	17.22	17.13	17.05	18.50
		MID	QPSK	16.99	17.23	17.06	18.50
		HIGH	QPSK	16.86	16.97	17.06	18.50
	25	LOW	QPSK	17.27	17.35	17.28	18.50
5	1	LOW	Q16	17.22	17.41	17.38	18.50
		MID	Q16	17.06	17.15	17.02	18.50
		HIGH	Q16	17.11	17.20	16.92	18.50
	12	LOW	Q16	17.24	17.19	17.10	18.50
		MID	Q16	17.25	17.29	17.18	18.50
		HIGH	Q16	17.04	16.98	16.93	18.50
	25	LOW	Q16	17.02	16.95	17.28	18.50
5	1	LOW	64QAM	16.96	16.96	16.89	18.50
		MID	64QAM	17.01	17.32	17.08	18.50
		HIGH	64QAM	17.31	17.46	17.29	18.50
	12	LOW	64QAM	17.01	17.20	17.23	18.50
		MID	64QAM	17.35	17.37	17.39	18.50
		HIGH	64QAM	16.78	16.79	16.66	18.50
	25	LOW	64QAM	16.99	17.27	17.28	18.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**17.35**	17.23	17.18	18.50
		MID	QPSK	17.16	17.02	17.08	18.50
		HIGH	QPSK	17.13	17.09	17.09	18.50
	25	LOW	QPSK	**17.44**	17.38	17.31	18.50
		MID	QPSK	17.32	17.11	17.17	18.50
		HIGH	QPSK	17.13	17.09	17.13	18.50
	50	LOW	QPSK	**17.34**	17.13	17.23	18.50
10	1	LOW	Q16	17.27	17.51	17.53	18.50
		MID	Q16	17.11	17.05	17.12	18.50
		HIGH	Q16	17.11	17.17	17.12	18.50
	25	LOW	Q16	17.39	17.44	17.18	18.50
		MID	Q16	17.22	17.20	17.10	18.50
		HIGH	Q16	17.04	17.10	17.20	18.50
	50	LOW	Q16	17.08	17.12	17.07	18.50
10	1	LOW	64QAM	17.01	16.96	16.99	18.50
		MID	64QAM	17.18	17.23	17.13	18.50
		HIGH	64QAM	17.26	17.25	17.34	18.50
	25	LOW	64QAM	17.25	17.32	17.10	18.50
		MID	64QAM	17.49	17.37	17.43	18.50
		HIGH	64QAM	16.90	17.03	16.99	18.50
	50	LOW	64QAM	17.13	17.16	17.30	18.50

LTE B5-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.20	19.23	19.03	20.50
		MID	QPSK	18.85	18.76	18.87	20.50
		HIGH	QPSK	18.93	19.16	19.16	20.50
	3	LOW	QPSK	19.13	19.19	18.98	20.50
		MID	QPSK	19.22	19.10	18.95	20.50
		HIGH	QPSK	18.88	18.93	18.91	20.50
	6	LOW	QPSK	19.36	19.40	19.28	20.50
1.4	1	LOW	Q16	19.35	19.58	19.29	20.50
		MID	Q16	19.02	19.04	19.11	20.50
		HIGH	Q16	19.06	19.11	18.98	20.50
	3	LOW	Q16	19.39	19.16	19.07	20.50
		MID	Q16	19.11	19.09	19.22	20.50
		HIGH	Q16	19.11	18.94	18.79	20.50
	6	LOW	Q16	19.01	19.13	19.13	20.50
1.4	1	LOW	64QAM	19.14	19.05	19.16	20.50
		MID	64QAM	19.00	19.20	19.36	20.50
		HIGH	64QAM	19.39	19.37	19.53	20.50
	3	LOW	64QAM	19.08	19.12	19.29	20.50
		MID	64QAM	19.23	19.28	19.38	20.50
		HIGH	64QAM	18.86	18.77	18.64	20.50
	6	LOW	64QAM	18.98	19.42	19.16	20.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.28	19.27	19.22	20.50
		MID	QPSK	18.81	18.89	18.68	20.50
		HIGH	QPSK	19.16	18.93	19.12	20.50
	8	LOW	QPSK	19.20	19.29	18.89	20.50
		MID	QPSK	19.26	19.03	19.01	20.50
		HIGH	QPSK	18.92	18.98	18.89	20.50
	15	LOW	QPSK	19.30	19.13	19.32	20.50
3	1	LOW	Q16	19.29	19.32	19.29	20.50
		MID	Q16	18.92	18.94	19.01	20.50
		HIGH	Q16	19.05	19.04	19.07	20.50
	8	LOW	Q16	19.41	19.29	19.29	20.50
		MID	Q16	19.38	19.10	18.99	20.50
		HIGH	Q16	18.86	19.13	18.85	20.50
	15	LOW	Q16	18.97	18.88	19.27	20.50
3	1	LOW	64QAM	18.87	19.03	18.98	20.50
		MID	64QAM	19.07	19.30	19.14	20.50
		HIGH	64QAM	19.55	19.18	19.41	20.50
	8	LOW	64QAM	19.01	19.39	19.23	20.50
		MID	64QAM	19.48	19.38	19.38	20.50
		HIGH	64QAM	18.90	19.05	18.79	20.50
	15	LOW	64QAM	19.09	19.17	19.24	20.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.18	19.02	19.22	20.50
		MID	QPSK	18.97	18.99	18.85	20.50
		HIGH	QPSK	18.89	19.04	19.14	20.50
	12	LOW	QPSK	19.20	19.17	18.85	20.50
		MID	QPSK	19.22	19.14	18.93	20.50
		HIGH	QPSK	19.09	19.10	19.12	20.50
	25	LOW	QPSK	19.20	19.09	19.32	20.50
5	1	LOW	Q16	19.15	19.30	19.36	20.50
		MID	Q16	19.03	19.07	19.00	20.50
		HIGH	Q16	19.18	19.21	19.11	20.50
	12	LOW	Q16	19.43	19.20	19.17	20.50
		MID	Q16	19.32	19.01	19.03	20.50
		HIGH	Q16	18.94	19.11	18.83	20.50
	25	LOW	Q16	18.84	18.86	19.06	20.50
5	1	LOW	64QAM	19.10	18.96	18.98	20.50
		MID	64QAM	19.00	19.34	19.26	20.50
		HIGH	64QAM	19.33	19.41	19.39	20.50
	12	LOW	64QAM	19.05	19.10	19.21	20.50
		MID	64QAM	19.46	19.19	19.28	20.50
		HIGH	64QAM	18.84	18.98	18.64	20.50
	25	LOW	64QAM	19.11	19.17	19.09	20.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**19.28**	19.23	19.14	20.50
		MID	QPSK	18.89	18.95	18.87	20.50
		HIGH	QPSK	19.10	19.12	19.20	20.50
	25	LOW	QPSK	**19.32**	19.29	19.02	20.50
		MID	QPSK	19.18	19.16	19.03	20.50
		HIGH	QPSK	19.03	19.04	19.04	20.50
	50	LOW	QPSK	**19.32**	19.30	19.26	20.50
10	1	LOW	Q16	19.29	19.48	19.50	20.50
		MID	Q16	19.13	19.15	19.11	20.50
		HIGH	Q16	19.16	19.15	19.11	20.50
	25	LOW	Q16	19.41	19.35	19.19	20.50
		MID	Q16	19.32	19.22	19.20	20.50
		HIGH	Q16	19.07	19.13	18.98	20.50
	50	LOW	Q16	19.05	19.05	19.23	20.50
10	1	LOW	64QAM	19.08	19.13	19.06	20.50
		MID	64QAM	19.11	19.30	19.30	20.50
		HIGH	64QAM	19.45	19.37	19.43	20.50
	25	LOW	64QAM	19.16	19.29	19.33	20.50
		MID	64QAM	19.42	19.40	19.46	20.50
		HIGH	64QAM	18.92	18.96	18.81	20.50
	50	LOW	64QAM	19.13	19.32	19.26	20.50

LTE B5-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	23.38	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	23.32	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	22.24	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	23.27	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	22.56	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	22.49	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	23.34	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	22.50	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	22.35	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

LTE B5-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	23.38	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	23.32	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	22.24	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	23.27	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	22.56	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	22.49	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	23.34	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	22.50	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	22.35	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

LTE B5-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.37	22.19	21.99	23.50
		MID	QPSK	22.04	22.07	22.06	23.50
		HIGH	QPSK	22.33	21.99	22.12	23.50
	3	LOW	QPSK	22.27	22.17	22.19	23.50
		MID	QPSK	22.25	22.45	22.33	23.50
		HIGH	QPSK	22.26	22.27	22.10	23.50
	6	LOW	QPSK	22.17	22.13	22.15	23.50
1.4	1	LOW	Q16	22.12	22.25	22.30	23.50
		MID	Q16	22.15	22.38	22.05	23.50
		HIGH	Q16	22.05	22.23	22.22	23.50
	3	LOW	Q16	22.27	22.38	21.81	23.50
		MID	Q16	22.21	22.02	22.01	23.50
		HIGH	Q16	22.23	22.42	22.00	23.50
	6	LOW	Q16	21.34	21.25	21.45	22.50
1.4	1	LOW	64QAM	21.23	21.51	21.08	22.50
		MID	64QAM	21.12	21.59	21.07	22.50
		HIGH	64QAM	21.28	21.60	20.96	22.50
	3	LOW	64QAM	21.11	21.21	21.33	22.50
		MID	64QAM	20.99	21.62	20.70	22.50
		HIGH	64QAM	21.07	21.54	21.02	22.50
	6	LOW	64QAM	20.24	20.37	20.32	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.21	22.15	21.95	23.50
		MID	QPSK	22.40	22.00	22.03	23.50
		HIGH	QPSK	22.22	22.17	21.90	23.50
	8	LOW	QPSK	22.34	22.31	22.32	23.50
		MID	QPSK	22.41	22.45	22.31	23.50
		HIGH	QPSK	22.33	22.34	22.05	23.50
	15	LOW	QPSK	22.44	22.20	22.08	23.50
3	1	LOW	Q16	22.03	22.22	22.30	23.50
		MID	Q16	22.13	22.45	22.19	23.50
		HIGH	Q16	22.34	22.32	22.27	23.50
	8	LOW	Q16	21.39	21.19	21.16	22.50
		MID	Q16	21.63	21.41	21.29	22.50
		HIGH	Q16	21.55	21.41	21.40	22.50
	15	LOW	Q16	21.32	21.19	21.21	22.50
3	1	LOW	64QAM	21.41	21.45	21.34	22.50
		MID	64QAM	21.16	21.53	20.91	22.50
		HIGH	64QAM	21.28	21.71	20.75	22.50
	8	LOW	64QAM	20.21	20.16	20.14	21.50
		MID	64QAM	20.40	20.37	20.49	21.50
		HIGH	64QAM	20.25	20.11	20.17	21.50
	15	LOW	64QAM	20.31	20.31	20.10	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.08	22.32	22.06	23.50
		MID	QPSK	22.22	22.14	22.03	23.50
		HIGH	QPSK	22.31	22.11	21.97	23.50
	12	LOW	QPSK	22.16	22.29	22.39	23.50
		MID	QPSK	22.27	22.23	22.10	23.50
		HIGH	QPSK	22.33	22.16	22.19	23.50
	25	LOW	QPSK	22.51	22.24	22.15	23.50
5	1	LOW	Q16	22.25	22.36	22.12	23.50
		MID	Q16	22.02	22.60	22.32	23.50
		HIGH	Q16	22.27	22.54	22.11	23.50
	12	LOW	Q16	21.41	21.38	21.14	22.50
		MID	Q16	21.63	21.23	21.48	22.50
		HIGH	Q16	21.31	21.45	21.38	22.50
	25	LOW	Q16	21.26	21.23	21.11	22.50
5	1	LOW	64QAM	21.11	21.43	21.27	22.50
		MID	64QAM	20.93	21.59	21.09	22.50
		HIGH	64QAM	21.21	21.62	20.96	22.50
	12	LOW	64QAM	20.21	20.10	20.28	21.50
		MID	64QAM	20.40	20.43	20.45	21.50
		HIGH	64QAM	20.47	20.09	20.11	21.50
	25	LOW	64QAM	20.51	20.39	20.28	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**22.56**	22.26	22.10	23.50
		MID	QPSK	22.09	22.16	22.10	23.50
		HIGH	QPSK	22.31	22.11	22.21	23.50
	25	LOW	QPSK	**22.52**	22.44	22.10	23.50
		MID	QPSK	22.43	22.18	22.33	23.50
		HIGH	QPSK	22.42	22.27	22.14	23.50
	50	LOW	QPSK	**22.24**	22.20	22.19	23.50
10	1	LOW	Q16	22.34	22.51	22.12	23.50
		MID	Q16	22.26	22.27	22.14	23.50
		HIGH	Q16	22.21	22.23	22.05	23.50
	25	LOW	Q16	21.18	21.23	21.18	22.50
		MID	Q16	21.54	21.51	21.39	22.50
		HIGH	Q16	21.22	21.26	21.44	22.50
	50	LOW	Q16	21.34	21.42	21.28	22.50
10	1	LOW	64QAM	21.09	21.34	21.15	22.50
		MID	64QAM	21.18	21.31	20.97	22.50
		HIGH	64QAM	21.40	21.45	20.79	22.50
	25	LOW	64QAM	20.29	20.38	20.26	21.50
		MID	64QAM	20.34	20.51	20.55	21.50
		HIGH	64QAM	20.47	20.05	20.17	21.50
	50	LOW	64QAM	20.27	20.41	20.32	21.50

LTE B5-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.34	22.79	23.08	24.50
		MID	QPSK	22.87	23.01	23.38	24.50
		HIGH	QPSK	23.00	22.83	23.29	24.50
	3	LOW	QPSK	23.14	22.95	23.16	24.50
		MID	QPSK	23.32	23.09	22.82	24.50
		HIGH	QPSK	23.19	23.05	23.00	24.50
	6	LOW	QPSK	22.24	22.06	22.08	23.50
1.4	1	LOW	Q16	22.32	22.55	21.87	23.50
		MID	Q16	21.99	22.64	22.14	23.50
		HIGH	Q16	22.14	22.74	22.36	23.50
	3	LOW	Q16	21.74	22.50	21.99	23.50
		MID	Q16	22.21	22.43	22.17	23.50
		HIGH	Q16	22.27	22.30	22.10	23.50
	6	LOW	Q16	21.34	21.48	21.17	22.50
1.4	1	LOW	64QAM	21.47	21.74	21.10	22.50
		MID	64QAM	21.28	21.28	21.07	22.50
		HIGH	64QAM	20.77	21.68	20.84	22.50
	3	LOW	64QAM	21.21	21.48	20.96	22.50
		MID	64QAM	21.53	21.70	21.10	22.50
		HIGH	64QAM	21.11	21.30	21.11	22.50
	6	LOW	64QAM	20.05	19.91	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.04	23.27	23.05	24.50
		MID	QPSK	23.03	23.02	23.00	24.50
		HIGH	QPSK	23.17	22.94	22.87	24.50
	8	LOW	QPSK	22.18	22.29	22.19	23.50
		MID	QPSK	22.56	22.39	22.10	23.50
		HIGH	QPSK	22.33	22.27	22.21	23.50
	15	LOW	QPSK	22.49	22.35	22.06	23.50
3	1	LOW	Q16	22.07	22.58	22.16	23.50
		MID	Q16	22.28	22.74	22.21	23.50
		HIGH	Q16	22.34	22.70	22.20	23.50
	8	LOW	Q16	21.37	21.40	21.26	22.50
		MID	Q16	21.30	21.34	21.42	22.50
		HIGH	Q16	21.50	21.39	21.31	22.50
	15	LOW	Q16	21.45	21.38	21.15	22.50
3	1	LOW	64QAM	21.10	21.81	21.27	22.50
		MID	64QAM	21.18	21.43	21.09	22.50
		HIGH	64QAM	21.10	21.65	21.25	22.50
	8	LOW	64QAM	20.21	20.36	20.10	21.50
		MID	64QAM	20.15	20.34	20.56	21.50
		HIGH	64QAM	20.25	20.12	20.45	21.50
	15	LOW	64QAM	20.21	20.11	20.16	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.25	23.06	22.96	24.50
		MID	QPSK	23.34	23.25	23.10	24.50
		HIGH	QPSK	22.98	23.17	22.89	24.50
	12	LOW	QPSK	22.27	22.31	22.25	23.50
		MID	QPSK	22.41	22.50	22.19	23.50
		HIGH	QPSK	22.48	22.25	22.32	23.50
	25	LOW	QPSK	22.35	22.22	22.15	23.50
5	1	LOW	Q16	22.07	22.47	22.14	23.50
		MID	Q16	22.30	22.64	22.23	23.50
		HIGH	Q16	22.25	22.60	21.96	23.50
	12	LOW	Q16	21.24	21.38	21.12	22.50
		MID	Q16	21.39	21.28	21.42	22.50
		HIGH	Q16	21.35	21.24	21.38	22.50
	25	LOW	Q16	21.37	21.19	21.21	22.50
5	1	LOW	64QAM	21.31	21.81	20.97	22.50
		MID	64QAM	21.35	21.41	21.05	22.50
		HIGH	64QAM	21.20	21.74	20.97	22.50
	12	LOW	64QAM	20.43	20.22	20.16	21.50
		MID	64QAM	20.41	20.28	20.52	21.50
		HIGH	64QAM	20.29	20.22	20.45	21.50
	25	LOW	64QAM	20.19	20.11	20.38	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**23.30**	23.28	23.19	24.50
		MID	QPSK	23.29	23.18	23.19	24.50
		HIGH	QPSK	23.24	23.15	23.12	24.50
	25	LOW	QPSK	22.36	22.33	22.32	23.50
		MID	QPSK	**22.45**	22.43	22.35	23.50
		HIGH	QPSK	22.44	22.38	22.30	23.50
	50	LOW	QPSK	**22.42**	22.33	22.28	23.50
10	1	LOW	Q16	22.25	22.67	22.23	23.50
		MID	Q16	22.26	22.69	22.23	23.50
		HIGH	Q16	22.25	22.65	22.18	23.50
	25	LOW	Q16	21.39	21.36	21.35	22.50
		MID	Q16	21.52	21.47	21.48	22.50
		HIGH	Q16	21.46	21.41	21.44	22.50
	50	LOW	Q16	21.43	21.38	21.34	22.50
10	1	LOW	64QAM	21.32	21.47	21.23	22.50
		MID	64QAM	21.10	21.53	20.99	22.50
		HIGH	64QAM	21.34	21.60	20.98	22.50
	25	LOW	64QAM	20.35	20.32	20.22	21.50
		MID	64QAM	20.46	20.53	20.59	21.50
		HIGH	64QAM	20.37	20.17	20.23	21.50
	50	LOW	64QAM	20.47	20.49	20.28	21.50

LTE B5-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	23.57	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	23.46	23.21	24.50
	6	LOW	QPSK	22.55	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	23.47	23.32	24.50
		HIGH	QPSK	23.36	23.47	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	22.68	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	22.60	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	23.50	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	22.71	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	22.59	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

LTE B5-State 16 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	23.57	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	23.46	23.21	24.50
	6	LOW	QPSK	22.55	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	23.47	23.32	24.50
		HIGH	QPSK	23.36	23.47	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	22.68	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	22.60	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	23.50	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	22.71	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	22.59	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

LTE B5-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

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Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

LTE B5-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

LTE B5-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.18	23.38	23.23	24.50
		MID	QPSK	23.25	**23.57**	23.27	24.50
		HIGH	QPSK	23.22	23.21	23.31	24.50
	3	LOW	QPSK	23.00	23.43	23.12	24.50
		MID	QPSK	23.26	23.42	23.39	24.50
		HIGH	QPSK	23.45	**23.46**	23.21	24.50
	6	LOW	QPSK	**22.55**	22.26	22.44	23.50
1.4	1	LOW	Q16	22.81	22.26	22.14	23.50
		MID	Q16	22.59	22.31	22.33	23.50
		HIGH	Q16	22.65	22.36	22.06	23.50
	3	LOW	Q16	22.47	22.20	21.88	23.50
		MID	Q16	22.48	22.17	22.26	23.50
		HIGH	Q16	22.70	22.30	22.06	23.50
	6	LOW	Q16	21.54	21.57	21.49	22.50
1.4	1	LOW	64QAM	21.54	21.18	21.06	22.50
		MID	64QAM	21.90	21.31	20.95	22.50
		HIGH	64QAM	21.65	21.34	21.39	22.50
	3	LOW	64QAM	21.37	21.24	20.89	22.50
		MID	64QAM	21.66	21.22	20.85	22.50
		HIGH	64QAM	21.76	21.11	21.39	22.50
	6	LOW	64QAM	20.50	20.53	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.39	23.36	23.40	24.50
		MID	QPSK	23.23	**23.47**	23.32	24.50
		HIGH	QPSK	23.36	**23.47**	23.19	24.50
	8	LOW	QPSK	22.52	22.28	22.38	23.50
		MID	QPSK	**22.68**	22.35	22.25	23.50
		HIGH	QPSK	22.42	22.63	22.22	23.50
	15	LOW	QPSK	**22.60**	22.59	22.17	23.50
3	1	LOW	Q16	22.83	22.29	22.12	23.50
		MID	Q16	22.89	22.31	22.37	23.50
		HIGH	Q16	22.76	22.12	22.24	23.50
	8	LOW	Q16	21.55	21.63	21.29	22.50
		MID	Q16	21.68	21.58	21.46	22.50
		HIGH	Q16	21.42	21.45	21.57	22.50
	15	LOW	Q16	21.41	21.49	21.17	22.50
3	1	LOW	64QAM	21.65	21.16	21.03	22.50
		MID	64QAM	21.62	21.46	21.02	22.50
		HIGH	64QAM	21.81	21.09	21.36	22.50
	8	LOW	64QAM	20.50	20.41	20.32	21.50
		MID	64QAM	20.46	20.74	20.16	21.50
		HIGH	64QAM	20.45	20.50	20.31	21.50
	15	LOW	64QAM	20.30	20.32	20.39	21.50

Bandwidth (	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.14	**23.50**	23.09	24.50
		MID	QPSK	23.44	23.33	23.41	24.50
		HIGH	QPSK	23.15	23.21	23.10	24.50
	12	LOW	QPSK	22.37	22.55	22.35	23.50
		MID	QPSK	22.43	**22.71**	22.52	23.50
		HIGH	QPSK	22.49	22.43	22.25	23.50
	25	LOW	QPSK	22.37	**22.59**	22.35	23.50
5	1	LOW	Q16	22.88	22.40	22.19	23.50
		MID	Q16	22.63	22.20	22.35	23.50
		HIGH	Q16	22.58	22.34	22.08	23.50
	12	LOW	Q16	21.46	21.42	21.31	22.50
		MID	Q16	21.45	21.43	21.53	22.50
		HIGH	Q16	21.44	21.69	21.46	22.50
	25	LOW	Q16	21.39	21.53	21.21	22.50
5	1	LOW	64QAM	21.63	21.14	21.13	22.50
		MID	64QAM	21.60	21.55	20.83	22.50
		HIGH	64QAM	21.61	21.11	21.34	22.50
	12	LOW	64QAM	20.22	20.61	20.30	21.50
		MID	64QAM	20.24	20.86	20.24	21.50
		HIGH	64QAM	20.47	20.48	20.35	21.50
	25	LOW	64QAM	20.40	20.57	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.37	23.38	23.35	24.50
		MID	QPSK	23.37	**23.45**	23.32	24.50
		HIGH	QPSK	23.31	23.35	23.26	24.50
	25	LOW	QPSK	22.57	22.48	22.42	23.50
		MID	QPSK	**22.61**	22.60	22.50	23.50
		HIGH	QPSK	22.58	22.52	22.47	23.50
	50	LOW	QPSK	**22.60**	22.48	22.37	23.50
10	1	LOW	Q16	22.88	22.42	22.30	23.50
		MID	Q16	22.84	22.42	22.26	23.50
		HIGH	Q16	22.81	22.34	22.26	23.50
	25	LOW	Q16	21.57	21.59	21.44	22.50
		MID	Q16	21.64	21.67	21.55	22.50
		HIGH	Q16	21.61	21.60	21.46	22.50
	50	LOW	Q16	21.63	21.53	21.38	22.50
10	1	LOW	64QAM	21.65	21.20	21.26	22.50
		MID	64QAM	21.84	21.44	21.06	22.50
		HIGH	64QAM	21.74	21.32	21.30	22.50
	25	LOW	64QAM	20.40	20.55	20.50	21.50
		MID	64QAM	20.42	20.76	20.38	21.50
		HIGH	64QAM	20.61	20.56	20.27	21.50
	50	LOW	64QAM	20.46	20.53	20.49	21.50

8.3.4 LTE Band7 Output Power

LTE B7-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.70	15.38	15.45	17.00
		MID	QPSK	15.36	15.54	15.51	17.00
		HIGH	QPSK	15.38	15.44	15.38	17.00
	12	LOW	QPSK	15.40	15.45	15.55	17.00
		MID	QPSK	15.54	15.46	15.56	17.00
		HIGH	QPSK	15.45	15.46	15.38	17.00
	25	LOW	QPSK	15.41	15.26	15.38	17.00
5	1	LOW	Q16	15.61	15.52	15.50	17.00
		MID	Q16	15.53	15.36	15.67	17.00
		HIGH	Q16	15.58	15.57	15.54	17.00
	12	LOW	Q16	15.40	15.37	15.56	17.00
		MID	Q16	15.47	15.54	15.45	17.00
		HIGH	Q16	15.47	15.47	15.39	17.00
	25	LOW	Q16	15.44	15.28	15.52	17.00
5	1	LOW	64QAM	15.57	15.51	15.52	17.00
		MID	64QAM	15.35	15.62	15.49	17.00
		HIGH	64QAM	15.51	15.69	15.46	17.00
	12	LOW	64QAM	15.45	15.47	15.41	17.00
		MID	64QAM	15.47	15.52	15.55	17.00
		HIGH	64QAM	15.56	15.42	15.48	17.00
	25	LOW	64QAM	15.47	15.41	15.40	17.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.75	15.45	15.45	17.00
		MID	QPSK	15.56	15.53	15.64	17.00
		HIGH	QPSK	15.41	15.49	15.49	17.00
	25	LOW	QPSK	15.50	15.29	15.50	17.00
		MID	QPSK	15.40	15.32	15.59	17.00
		HIGH	QPSK	15.34	15.52	15.58	17.00
	50	LOW	QPSK	15.52	15.32	15.38	17.00
10	1	LOW	Q16	15.56	15.30	15.64	17.00
		MID	Q16	15.44	15.46	15.54	17.00
		HIGH	Q16	15.42	15.57	15.47	17.00
	25	LOW	Q16	15.53	15.51	15.47	17.00
		MID	Q16	15.37	15.31	15.54	17.00
		HIGH	Q16	15.37	15.52	15.58	17.00
	50	LOW	Q16	15.38	15.45	15.41	17.00
10	1	LOW	64QAM	15.66	15.42	15.57	17.00
		MID	64QAM	15.50	15.76	15.50	17.00
		HIGH	64QAM	15.48	15.77	15.52	17.00
	25	LOW	64QAM	15.52	15.52	15.38	17.00
		MID	64QAM	15.28	15.34	15.50	17.00
		HIGH	64QAM	15.55	15.48	15.66	17.00
	50	LOW	64QAM	15.47	15.54	15.40	17.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.76	15.42	15.47	17.00
		MID	QPSK	15.41	15.36	15.68	17.00
		HIGH	QPSK	15.52	15.40	15.38	17.00
	36	LOW	QPSK	15.43	15.34	15.55	17.00
		MID	QPSK	15.41	15.31	15.39	17.00
		HIGH	QPSK	15.27	15.54	15.38	17.00
	75	LOW	QPSK	15.36	15.49	15.49	17.00
15	1	LOW	Q16	15.72	15.53	15.45	17.00
		MID	Q16	15.44	15.42	15.57	17.00
		HIGH	Q16	15.50	15.32	15.40	17.00
	36	LOW	Q16	15.40	15.28	15.41	17.00
		MID	Q16	15.34	15.35	15.57	17.00
		HIGH	Q16	15.34	15.38	15.42	17.00
	75	LOW	Q16	15.41	15.37	15.49	17.00
15	1	LOW	64QAM	15.51	15.57	15.52	17.00
		MID	64QAM	15.38	15.74	15.40	17.00
		HIGH	64QAM	15.47	15.74	15.49	17.00
	36	LOW	64QAM	15.60	15.58	15.42	17.00
		MID	64QAM	15.48	15.38	15.38	17.00
		HIGH	64QAM	15.55	15.52	15.57	17.00
	75	LOW	64QAM	15.45	15.50	15.31	17.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**15.78**	15.64	15.69	17.00
		MID	QPSK	15.63	15.74	15.68	17.00
		HIGH	QPSK	15.61	**15.78**	15.76	17.00
	50	LOW	QPSK	**15.85**	15.72	15.78	17.00
		MID	QPSK	15.83	15.77	15.80	17.00
		HIGH	QPSK	15.72	15.79	15.76	17.00
	100	LOW	QPSK	**15.80**	15.74	15.79	17.00
20	1	LOW	Q16	16.10	16.07	16.02	17.00
		MID	Q16	15.90	16.11	16.02	17.00
		HIGH	Q16	15.90	16.09	15.89	17.00
	50	LOW	Q16	15.85	15.83	15.98	17.00
		MID	Q16	15.89	15.86	15.94	17.00
		HIGH	Q16	15.82	15.92	15.90	17.00
	100	LOW	Q16	15.87	15.83	15.92	17.00
20	1	LOW	64QAM	16.03	15.97	15.92	17.00
		MID	64QAM	15.84	16.08	15.92	17.00
		HIGH	64QAM	15.85	16.12	16.01	17.00
	50	LOW	64QAM	15.97	15.98	15.93	17.00
		MID	64QAM	15.85	15.72	15.90	17.00
		HIGH	64QAM	15.93	15.97	16.03	17.00
	100	LOW	64QAM	15.93	15.96	15.88	17.00

LTE B7-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.89	14.68	14.95	16.50
		MID	QPSK	14.65	14.89	14.70	16.50
		HIGH	QPSK	14.76	14.95	14.69	16.50
	12	LOW	QPSK	14.93	14.81	14.76	16.50
		MID	QPSK	14.90	14.97	14.92	16.50
		HIGH	QPSK	14.93	14.84	14.76	16.50
	25	LOW	QPSK	14.91	14.90	14.78	16.50
5	1	LOW	Q16	15.07	15.00	15.18	16.50
		MID	Q16	14.90	15.11	15.08	16.50
		HIGH	Q16	15.04	15.32	14.91	16.50
	12	LOW	Q16	14.99	15.02	15.11	16.50
		MID	Q16	15.01	14.96	14.95	16.50
		HIGH	Q16	14.88	15.02	15.06	16.50
	25	LOW	Q16	15.06	14.99	14.95	16.50
5	1	LOW	64QAM	15.19	14.91	15.11	16.50
		MID	64QAM	15.09	15.14	14.87	16.50
		HIGH	64QAM	15.15	15.16	15.14	16.50
	12	LOW	64QAM	14.80	14.85	14.96	16.50
		MID	64QAM	15.02	15.16	15.17	16.50
		HIGH	64QAM	14.96	14.96	14.94	16.50
	25	LOW	64QAM	15.03	14.77	15.00	16.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	14.82	14.69	14.76	16.50
		MID	QPSK	14.71	14.99	14.75	16.50
		HIGH	QPSK	14.63	14.82	14.75	16.50
	25	LOW	QPSK	15.04	14.94	14.92	16.50
		MID	QPSK	14.85	14.83	14.99	16.50
		HIGH	QPSK	14.83	15.02	14.78	16.50
	50	LOW	QPSK	14.95	14.81	14.78	16.50
10	1	LOW	Q16	15.19	15.00	15.12	16.50
		MID	Q16	14.84	15.11	14.99	16.50
		HIGH	Q16	15.09	15.10	15.08	16.50
	25	LOW	Q16	14.90	14.90	14.93	16.50
		MID	Q16	15.10	14.85	15.02	16.50
		HIGH	Q16	14.91	15.02	14.96	16.50
	50	LOW	Q16	14.93	14.92	15.15	16.50
10	1	LOW	64QAM	15.24	15.10	15.26	16.50
		MID	64QAM	15.00	15.15	14.87	16.50
		HIGH	64QAM	14.95	15.21	15.00	16.50
	25	LOW	64QAM	14.96	14.77	15.00	16.50
		MID	64QAM	15.09	15.08	15.25	16.50
		HIGH	64QAM	14.88	15.04	15.00	16.50
	50	LOW	64QAM	14.97	14.71	15.11	16.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.87	14.85	14.79	16.50
		MID	QPSK	14.67	14.83	14.79	16.50
		HIGH	QPSK	14.61	15.00	14.66	16.50
	36	LOW	QPSK	14.89	14.78	14.94	16.50
		MID	QPSK	15.04	14.81	14.96	16.50
		HIGH	QPSK	14.75	14.90	14.79	16.50
	75	LOW	QPSK	14.95	14.87	14.86	16.50
15	1	LOW	Q16	15.10	15.14	15.15	16.50
		MID	Q16	15.07	15.22	15.02	16.50
		HIGH	Q16	14.98	15.29	15.03	16.50
	36	LOW	Q16	14.83	14.93	15.03	16.50
		MID	Q16	14.87	14.82	14.99	16.50
		HIGH	Q16	14.79	15.13	15.03	16.50
	75	LOW	Q16	14.92	14.84	14.93	16.50
15	1	LOW	64QAM	15.07	15.13	15.19	16.50
		MID	64QAM	15.10	15.17	14.96	16.50
		HIGH	64QAM	14.98	15.21	14.95	16.50
	36	LOW	64QAM	14.74	14.73	15.16	16.50
		MID	64QAM	15.04	14.99	15.11	16.50
		HIGH	64QAM	14.93	15.12	14.97	16.50
	75	LOW	64QAM	14.99	14.68	15.14	16.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.83	14.81	14.91	16.50
		MID	QPSK	14.80	**14.95**	14.76	16.50
		HIGH	QPSK	14.76	14.94	14.79	16.50
	50	LOW	QPSK	**15.04**	14.90	14.88	16.50
		MID	QPSK	15.02	14.93	14.93	16.50
		HIGH	QPSK	14.90	14.96	14.91	16.50
	100	LOW	QPSK	**14.95**	14.91	14.93	16.50
20	1	LOW	Q16	15.19	15.08	15.15	16.50
		MID	Q16	15.01	15.20	15.11	16.50
		HIGH	Q16	15.01	15.24	15.06	16.50
	50	LOW	Q16	14.96	14.99	15.08	16.50
		MID	Q16	15.04	14.97	15.07	16.50
		HIGH	Q16	14.95	15.05	15.01	16.50
	100	LOW	Q16	15.01	14.96	15.07	16.50
20	1	LOW	64QAM	15.24	15.08	15.28	16.50
		MID	64QAM	15.15	15.12	15.01	16.50
		HIGH	64QAM	15.12	15.30	15.12	16.50
	50	LOW	64QAM	14.89	14.86	15.11	16.50
		MID	64QAM	15.04	15.11	15.19	16.50
		HIGH	64QAM	14.92	15.07	15.09	16.50
	100	LOW	64QAM	14.96	14.81	15.17	16.50

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Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	11.94	11.93	**12.07**	13.50
		MID	QPSK	12.05	11.86	11.84	13.50
		HIGH	QPSK	11.95	11.73	11.88	13.50
	12	LOW	QPSK	12.05	12.01	11.97	13.50
		MID	QPSK	**12.08**	11.87	12.03	13.50
		HIGH	QPSK	11.88	11.91	12.00	13.50
	25	LOW	QPSK	**12.01**	11.90	11.98	13.50
5	1	LOW	Q16	12.09	11.94	12.08	13.50
		MID	Q16	12.15	11.99	12.15	13.50
		HIGH	Q16	12.00	12.07	12.08	13.50
	12	LOW	Q16	11.94	11.91	12.19	13.50
		MID	Q16	12.15	12.04	12.10	13.50
		HIGH	Q16	12.00	12.18	11.85	13.50
	25	LOW	Q16	12.14	12.08	12.16	13.50
5	1	LOW	64QAM	12.08	12.05	12.32	13.50
		MID	64QAM	12.07	11.99	12.22	13.50
		HIGH	64QAM	11.98	12.09	12.03	13.50
	12	LOW	64QAM	12.04	11.86	12.24	13.50
		MID	64QAM	12.11	11.92	12.20	13.50
		HIGH	64QAM	11.85	12.02	11.85	13.50
	25	LOW	64QAM	12.13	11.88	12.17	13.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	11.86	11.76	**12.05**	13.50
		MID	QPSK	12.03	11.91	11.73	13.50
		HIGH	QPSK	11.94	11.77	11.85	13.50
	25	LOW	QPSK	**12.05**	11.97	11.91	13.50
		MID	QPSK	11.94	11.84	11.95	13.50
		HIGH	QPSK	11.96	11.97	11.99	13.50
	50	LOW	QPSK	**12.07**	11.90	11.90	13.50
10	1	LOW	Q16	12.16	12.10	12.12	13.50
		MID	Q16	12.02	12.06	12.15	13.50
		HIGH	Q16	12.12	11.97	12.15	13.50
	25	LOW	Q16	12.03	11.99	12.07	13.50
		MID	Q16	12.09	11.92	11.97	13.50
		HIGH	Q16	11.99	12.02	11.96	13.50
	50	LOW	Q16	12.08	11.94	11.99	13.50
10	1	LOW	64QAM	12.01	12.16	12.31	13.50
		MID	64QAM	12.16	12.15	12.06	13.50
		HIGH	64QAM	11.98	12.07	11.97	13.50
	25	LOW	64QAM	12.01	11.81	12.15	13.50
		MID	64QAM	11.99	11.99	12.10	13.50
		HIGH	64QAM	11.83	11.99	11.89	13.50
	50	LOW	64QAM	11.95	11.98	11.99	13.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	11.91	11.82	12.03	13.50
		MID	QPSK	11.86	11.90	11.72	13.50
		HIGH	QPSK	**12.06**	11.78	11.79	13.50
	36	LOW	QPSK	**12.10**	11.99	11.87	13.50
		MID	QPSK	**12.10**	11.89	12.01	13.50
		HIGH	QPSK	11.93	11.95	11.97	13.50
	75	LOW	QPSK	12.00	11.97	**12.03**	13.50
15	1	LOW	Q16	12.24	11.98	12.17	13.50
		MID	Q16	12.11	12.05	12.05	13.50
		HIGH	Q16	12.01	12.13	12.01	13.50
	36	LOW	Q16	11.88	12.10	12.05	13.50
		MID	Q16	11.99	12.08	11.99	13.50
		HIGH	Q16	11.99	12.10	11.95	13.50
	75	LOW	Q16	12.14	12.08	12.02	13.50
15	1	LOW	64QAM	12.15	12.10	12.14	13.50
		MID	64QAM	12.01	12.06	12.15	13.50
		HIGH	64QAM	12.03	12.19	11.93	13.50
	36	LOW	64QAM	12.00	11.84	12.13	13.50
		MID	64QAM	11.97	12.03	12.10	13.50
		HIGH	64QAM	11.94	11.99	11.98	13.50
	75	LOW	64QAM	12.03	11.93	12.05	13.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	11.92	11.88	12.01	13.50
		MID	QPSK	11.99	11.91	11.85	13.50
		HIGH	QPSK	**12.02**	11.84	11.87	13.50
	50	LOW	QPSK	**12.11**	11.99	11.98	13.50
		MID	QPSK	12.04	11.97	12.01	13.50
		HIGH	QPSK	11.98	12.03	11.98	13.50
	100	LOW	QPSK	**12.05**	11.98	12.02	13.50
20	1	LOW	Q16	12.20	12.05	12.21	13.50
		MID	Q16	12.09	12.06	12.15	13.50
		HIGH	Q16	12.07	12.08	12.09	13.50
	50	LOW	Q16	12.01	12.04	12.13	13.50
		MID	Q16	12.10	12.02	12.04	13.50
		HIGH	Q16	12.01	12.12	11.97	13.50
	100	LOW	Q16	12.10	12.02	12.10	13.50
20	1	LOW	64QAM	12.14	12.15	12.27	13.50
		MID	64QAM	12.14	12.11	12.17	13.50
		HIGH	64QAM	12.10	12.19	12.05	13.50
	50	LOW	64QAM	12.06	11.92	12.22	13.50
		MID	64QAM	12.05	11.99	12.14	13.50
		HIGH	64QAM	11.95	11.97	11.93	13.50
	100	LOW	64QAM	12.08	12.00	12.11	13.50

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Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	12.35	12.26	12.59	14.00
		MID	QPSK	12.59	12.36	**12.69**	14.00
		HIGH	QPSK	12.23	12.61	12.14	14.00
	12	LOW	QPSK	12.71	12.71	12.64	14.00
		MID	QPSK	12.41	**12.73**	12.70	14.00
		HIGH	QPSK	12.43	12.69	12.50	14.00
	25	LOW	QPSK	12.57	12.75	**12.77**	14.00
5	1	LOW	Q16	12.73	12.73	12.80	14.00
		MID	Q16	12.84	12.68	13.15	14.00
		HIGH	Q16	12.58	12.84	12.49	14.00
	12	LOW	Q16	12.40	12.54	12.92	14.00
		MID	Q16	12.44	12.76	12.68	14.00
		HIGH	Q16	12.51	12.64	12.45	14.00
	25	LOW	Q16	12.62	12.29	12.79	14.00
5	1	LOW	64QAM	12.68	12.57	12.89	14.00
		MID	64QAM	12.78	12.65	12.95	14.00
		HIGH	64QAM	12.67	12.85	12.54	14.00
	12	LOW	64QAM	12.43	12.43	12.77	14.00
		MID	64QAM	12.48	12.76	12.58	14.00
		HIGH	64QAM	12.46	12.65	12.16	14.00
	25	LOW	64QAM	12.57	12.50	12.90	14.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	12.34	12.42	12.53	14.00
		MID	QPSK	12.49	12.40	12.59	14.00
		HIGH	QPSK	12.25	**12.77**	12.24	14.00
	25	LOW	QPSK	12.71	**12.85**	12.49	14.00
		MID	QPSK	12.43	12.65	12.50	14.00
		HIGH	QPSK	12.49	12.56	12.50	14.00
	50	LOW	QPSK	12.60	**12.65**	**12.65**	14.00
10	1	LOW	Q16	12.78	12.63	12.80	14.00
		MID	Q16	12.68	12.56	13.00	14.00
		HIGH	Q16	12.74	12.76	12.62	14.00
	25	LOW	Q16	12.37	12.57	12.85	14.00
		MID	Q16	12.61	12.61	12.62	14.00
		HIGH	Q16	12.49	12.72	12.42	14.00
	50	LOW	Q16	12.60	12.35	12.88	14.00
10	1	LOW	64QAM	12.69	12.67	12.84	14.00
		MID	64QAM	12.81	12.73	12.80	14.00
		HIGH	64QAM	12.71	12.83	12.57	14.00
	25	LOW	64QAM	12.45	12.40	12.61	14.00
		MID	64QAM	12.45	12.87	12.58	14.00
		HIGH	64QAM	12.39	12.69	12.22	14.00
	50	LOW	64QAM	12.62	12.55	12.99	14.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	12.47	12.28	12.51	14.00
		MID	QPSK	12.48	12.32	12.55	14.00
		HIGH	QPSK	12.36	**12.62**	12.15	14.00
	36	LOW	QPSK	12.72	12.71	12.63	14.00
		MID	QPSK	12.41	**12.73**	12.65	14.00
		HIGH	QPSK	12.39	12.66	12.48	14.00
	75	LOW	QPSK	12.55	**12.78**	12.72	14.00
15	1	LOW	Q16	12.83	12.70	12.84	14.00
		MID	Q16	12.65	12.64	12.89	14.00
		HIGH	Q16	12.58	12.83	12.63	14.00
	36	LOW	Q16	12.41	12.52	12.80	14.00
		MID	Q16	12.42	12.64	12.74	14.00
		HIGH	Q16	12.56	12.84	12.26	14.00
	75	LOW	Q16	12.52	12.40	12.79	14.00
15	1	LOW	64QAM	12.68	12.68	12.78	14.00
		MID	64QAM	12.88	12.61	12.82	14.00
		HIGH	64QAM	12.66	12.84	12.46	14.00
	36	LOW	64QAM	12.53	12.49	12.63	14.00
		MID	64QAM	12.45	12.69	12.50	14.00
		HIGH	64QAM	12.49	12.65	12.28	14.00
	75	LOW	64QAM	12.69	12.42	12.85	14.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	12.41	12.40	12.59	14.00
		MID	QPSK	12.58	12.38	12.69	14.00
		HIGH	QPSK	12.30	**12.71**	12.24	14.00
	50	LOW	QPSK	12.76	**12.85**	12.63	14.00
		MID	QPSK	12.52	12.74	12.64	14.00
		HIGH	QPSK	12.45	12.65	12.59	14.00
	100	LOW	QPSK	12.60	**12.75**	12.71	14.00
20	1	LOW	Q16	12.79	12.67	12.80	14.00
		MID	Q16	12.78	12.64	13.14	14.00
		HIGH	Q16	12.69	12.84	12.58	14.00
	50	LOW	Q16	12.47	12.57	12.86	14.00
		MID	Q16	12.55	12.72	12.68	14.00
		HIGH	Q16	12.59	12.78	12.40	14.00
	100	LOW	Q16	12.66	12.39	12.87	14.00
20	1	LOW	64QAM	12.65	12.73	12.84	14.00
		MID	64QAM	12.84	12.70	12.94	14.00
		HIGH	64QAM	12.66	12.79	12.60	14.00
	50	LOW	64QAM	12.56	12.44	12.74	14.00
		MID	64QAM	12.56	12.82	12.63	14.00
		HIGH	64QAM	12.52	12.68	12.27	14.00
	100	LOW	64QAM	12.63	12.51	12.95	14.00

LTE B7-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.38	18.40	18.41	20.00
		MID	QPSK	18.29	18.50	**18.51**	20.00
		HIGH	QPSK	18.22	18.47	18.46	20.00
	12	LOW	QPSK	18.43	18.44	18.52	20.00
		MID	QPSK	18.49	18.38	**18.63**	20.00
		HIGH	QPSK	18.28	18.37	18.54	20.00
	25	LOW	QPSK	18.63	18.38	**18.67**	20.00
5	1	LOW	Q16	18.98	18.98	18.89	20.00
		MID	Q16	18.86	19.03	18.91	20.00
		HIGH	Q16	18.97	18.90	18.76	20.00
	12	LOW	Q16	18.50	18.55	18.65	20.00
		MID	Q16	18.37	18.60	18.55	20.00
		HIGH	Q16	18.41	18.49	18.54	20.00
	25	LOW	Q16	18.68	18.54	18.52	20.00
5	1	LOW	64QAM	18.84	18.81	18.75	20.00
		MID	64QAM	18.87	18.98	18.75	20.00
		HIGH	64QAM	18.84	18.99	18.88	20.00
	12	LOW	64QAM	18.37	18.41	18.58	20.00
		MID	64QAM	18.48	18.48	18.59	20.00
		HIGH	64QAM	18.42	18.43	18.59	20.00
	25	LOW	64QAM	18.41	18.54	18.59	20.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.35	18.49	18.42	20.00
		MID	QPSK	18.31	18.49	18.31	20.00
		HIGH	QPSK	18.36	**18.73**	18.24	20.00
	25	LOW	QPSK	18.45	18.34	**18.68**	20.00
		MID	QPSK	18.29	18.56	18.55	20.00
		HIGH	QPSK	18.23	18.62	18.66	20.00
	50	LOW	QPSK	18.37	**18.58**	18.46	20.00
10	1	LOW	Q16	18.91	18.73	18.75	20.00
		MID	Q16	18.81	18.78	18.88	20.00
		HIGH	Q16	18.74	18.91	18.89	20.00
	25	LOW	Q16	18.48	18.32	18.52	20.00
		MID	Q16	18.59	18.45	18.50	20.00
		HIGH	Q16	18.55	18.39	18.34	20.00
	50	LOW	Q16	18.61	18.43	18.49	20.00
10	1	LOW	64QAM	18.99	18.98	18.93	20.00
		MID	64QAM	18.83	18.82	18.91	20.00
		HIGH	64QAM	18.85	18.88	18.83	20.00
	25	LOW	64QAM	18.51	18.48	18.56	20.00
		MID	64QAM	18.44	18.53	18.42	20.00
		HIGH	64QAM	18.33	18.51	18.60	20.00
	50	LOW	64QAM	18.63	18.36	18.56	20.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.45	18.36	18.50	20.00
		MID	QPSK	18.35	18.54	18.56	20.00
		HIGH	QPSK	18.45	**18.61**	18.37	20.00
	36	LOW	QPSK	18.43	18.60	**18.71**	20.00
		MID	QPSK	18.45	18.45	18.47	20.00
		HIGH	QPSK	18.36	18.35	18.55	20.00
	75	LOW	QPSK	**18.63**	18.36	18.60	20.00
15	1	LOW	Q16	18.82	18.80	18.92	20.00
		MID	Q16	18.75	18.89	18.89	20.00
		HIGH	Q16	18.79	18.77	18.64	20.00
	36	LOW	Q16	18.62	18.31	18.52	20.00
		MID	Q16	18.54	18.31	18.65	20.00
		HIGH	Q16	18.38	18.61	18.50	20.00
	75	LOW	Q16	18.52	18.33	18.48	20.00
15	1	LOW	64QAM	18.88	19.00	18.81	20.00
		MID	64QAM	18.95	18.79	18.69	20.00
		HIGH	64QAM	18.84	18.81	18.66	20.00
	36	LOW	64QAM	18.42	18.32	18.47	20.00
		MID	64QAM	18.50	18.31	18.44	20.00
		HIGH	64QAM	18.28	18.50	18.61	20.00
	75	LOW	64QAM	18.67	18.49	18.51	20.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.39	18.39	18.46	20.00
		MID	QPSK	18.33	18.50	18.45	20.00
		HIGH	QPSK	18.32	**18.58**	18.35	20.00
	50	LOW	QPSK	18.35	18.57	18.47	20.00
		MID	QPSK	18.44	**18.60**	18.51	20.00
		HIGH	QPSK	18.35	18.55	18.49	20.00
	100	LOW	QPSK	18.48	**18.56**	18.44	20.00
20	1	LOW	Q16	18.75	18.67	18.66	20.00
		MID	Q16	18.65	18.70	18.63	20.00
		HIGH	Q16	18.67	18.70	18.58	20.00
	50	LOW	Q16	18.49	18.42	18.55	20.00
		MID	Q16	18.46	18.45	18.54	20.00
		HIGH	Q16	18.40	18.49	18.48	20.00
	100	LOW	Q16	18.53	18.46	18.53	20.00
20	1	LOW	64QAM	18.75	18.56	18.77	20.00
		MID	64QAM	18.57	18.64	18.72	20.00
		HIGH	64QAM	18.53	18.68	18.53	20.00
	50	LOW	64QAM	18.64	18.43	18.66	20.00
		MID	64QAM	18.36	18.51	18.51	20.00
		HIGH	64QAM	18.32	18.44	18.44	20.00
	100	LOW	64QAM	18.62	18.49	18.38	20.00

LTE B7-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.38	18.40	18.41	20.00
		MID	QPSK	18.29	18.50	**18.51**	20.00
		HIGH	QPSK	18.22	18.47	18.46	20.00
	12	LOW	QPSK	18.43	18.44	18.52	20.00
		MID	QPSK	18.49	18.38	**18.63**	20.00
		HIGH	QPSK	18.28	18.37	18.54	20.00
	25	LOW	QPSK	18.63	18.38	**18.67**	20.00
5	1	LOW	Q16	18.98	18.98	18.89	20.00
		MID	Q16	18.86	19.03	18.91	20.00
		HIGH	Q16	18.97	18.90	18.76	20.00
	12	LOW	Q16	18.50	18.55	18.65	20.00
		MID	Q16	18.37	18.60	18.55	20.00
		HIGH	Q16	18.41	18.49	18.54	20.00
	25	LOW	Q16	18.68	18.54	18.52	20.00
5	1	LOW	64QAM	18.84	18.81	18.75	20.00
		MID	64QAM	18.87	18.98	18.75	20.00
		HIGH	64QAM	18.84	18.99	18.88	20.00
	12	LOW	64QAM	18.37	18.41	18.58	20.00
		MID	64QAM	18.48	18.48	18.59	20.00
		HIGH	64QAM	18.42	18.43	18.59	20.00
	25	LOW	64QAM	18.41	18.54	18.59	20.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.35	18.49	18.42	20.00
		MID	QPSK	18.31	18.49	18.31	20.00
		HIGH	QPSK	18.36	**18.73**	18.24	20.00
	25	LOW	QPSK	18.45	18.34	**18.68**	20.00
		MID	QPSK	18.29	18.56	18.55	20.00
		HIGH	QPSK	18.23	18.62	18.66	20.00
	50	LOW	QPSK	18.37	**18.58**	18.46	20.00
10	1	LOW	Q16	18.91	18.73	18.75	20.00
		MID	Q16	18.81	18.78	18.88	20.00
		HIGH	Q16	18.74	18.91	18.89	20.00
	25	LOW	Q16	18.48	18.32	18.52	20.00
		MID	Q16	18.59	18.45	18.50	20.00
		HIGH	Q16	18.55	18.39	18.34	20.00
	50	LOW	Q16	18.61	18.43	18.49	20.00
10	1	LOW	64QAM	18.99	18.98	18.93	20.00
		MID	64QAM	18.83	18.82	18.91	20.00
		HIGH	64QAM	18.85	18.88	18.83	20.00
	25	LOW	64QAM	18.51	18.48	18.56	20.00
		MID	64QAM	18.44	18.53	18.42	20.00
		HIGH	64QAM	18.33	18.51	18.60	20.00
	50	LOW	64QAM	18.63	18.36	18.56	20.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.45	18.36	18.50	20.00
		MID	QPSK	18.35	18.54	18.56	20.00
		HIGH	QPSK	18.45	**18.61**	18.37	20.00
	36	LOW	QPSK	18.43	18.60	**18.71**	20.00
		MID	QPSK	18.45	18.45	18.47	20.00
		HIGH	QPSK	18.36	18.35	18.55	20.00
	75	LOW	QPSK	**18.63**	18.36	18.60	20.00
15	1	LOW	Q16	18.82	18.80	18.92	20.00
		MID	Q16	18.75	18.89	18.89	20.00
		HIGH	Q16	18.79	18.77	18.64	20.00
	36	LOW	Q16	18.62	18.31	18.52	20.00
		MID	Q16	18.54	18.31	18.65	20.00
		HIGH	Q16	18.38	18.61	18.50	20.00
	75	LOW	Q16	18.52	18.33	18.48	20.00
15	1	LOW	64QAM	18.88	19.00	18.81	20.00
		MID	64QAM	18.95	18.79	18.69	20.00
		HIGH	64QAM	18.84	18.81	18.66	20.00
	36	LOW	64QAM	18.42	18.32	18.47	20.00
		MID	64QAM	18.50	18.31	18.44	20.00
		HIGH	64QAM	18.28	18.50	18.61	20.00
	75	LOW	64QAM	18.67	18.49	18.51	20.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.39	18.39	18.46	20.00
		MID	QPSK	18.33	18.50	18.45	20.00
		HIGH	QPSK	18.32	**18.58**	18.35	20.00
	50	LOW	QPSK	18.35	18.57	18.47	20.00
		MID	QPSK	18.44	**18.60**	18.51	20.00
		HIGH	QPSK	18.35	18.55	18.49	20.00
	100	LOW	QPSK	18.48	**18.56**	18.44	20.00
20	1	LOW	Q16	18.75	18.67	18.66	20.00
		MID	Q16	18.65	18.70	18.63	20.00
		HIGH	Q16	18.67	18.70	18.58	20.00
	50	LOW	Q16	18.49	18.42	18.55	20.00
		MID	Q16	18.46	18.45	18.54	20.00
		HIGH	Q16	18.40	18.49	18.48	20.00
	100	LOW	Q16	18.53	18.46	18.53	20.00
20	1	LOW	64QAM	18.75	18.56	18.77	20.00
		MID	64QAM	18.57	18.64	18.72	20.00
		HIGH	64QAM	18.53	18.68	18.53	20.00
	50	LOW	64QAM	18.64	18.43	18.66	20.00
		MID	64QAM	18.36	18.51	18.51	20.00
		HIGH	64QAM	18.32	18.44	18.44	20.00
	100	LOW	64QAM	18.62	18.49	18.38	20.00

LTE B7-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**16.99**	16.75	16.79	18.50
		MID	QPSK	16.84	16.91	16.73	18.50
		HIGH	QPSK	16.75	16.91	16.64	18.50
	12	LOW	QPSK	16.96	**17.16**	17.01	18.50
		MID	QPSK	17.03	17.10	16.90	18.50
		HIGH	QPSK	16.90	17.00	16.96	18.50
	25	LOW	QPSK	**17.06**	16.97	16.76	18.50
5	1	LOW	Q16	17.17	17.07	17.03	18.50
		MID	Q16	17.12	17.27	17.06	18.50
		HIGH	Q16	16.96	17.35	17.11	18.50
	12	LOW	Q16	16.91	17.01	17.06	18.50
		MID	Q16	17.07	16.93	17.16	18.50
		HIGH	Q16	16.94	17.03	17.08	18.50
	25	LOW	Q16	16.86	16.90	17.10	18.50
5	1	LOW	64QAM	17.32	17.06	16.99	18.50
		MID	64QAM	17.06	17.20	16.99	18.50
		HIGH	64QAM	17.10	17.28	17.09	18.50
	12	LOW	64QAM	16.91	16.89	17.15	18.50
		MID	64QAM	16.90	16.98	16.91	18.50
		HIGH	64QAM	17.07	17.14	16.95	18.50
	25	LOW	64QAM	16.82	16.74	17.18	18.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	16.99	16.83	16.77	18.50
		MID	QPSK	16.85	**17.10**	16.79	18.50
		HIGH	QPSK	16.80	16.88	16.81	18.50
	25	LOW	QPSK	16.94	**17.06**	17.01	18.50
		MID	QPSK	17.05	16.91	16.81	18.50
		HIGH	QPSK	17.00	16.90	16.86	18.50
	50	LOW	QPSK	16.94	**17.07**	16.78	18.50
10	1	LOW	Q16	17.20	17.21	17.06	18.50
		MID	Q16	16.92	17.27	17.11	18.50
		HIGH	Q16	17.03	17.37	17.10	18.50
	25	LOW	Q16	17.10	16.80	17.00	18.50
		MID	Q16	16.98	17.05	17.18	18.50
		HIGH	Q16	17.08	16.98	16.91	18.50
	50	LOW	Q16	17.10	17.06	16.96	18.50
10	1	LOW	64QAM	17.08	17.14	17.14	18.50
		MID	64QAM	17.18	17.16	17.11	18.50
		HIGH	64QAM	17.24	17.35	17.09	18.50
	25	LOW	64QAM	16.98	16.84	17.11	18.50
		MID	64QAM	16.83	16.98	16.79	18.50
		HIGH	64QAM	16.98	17.09	17.09	18.50
	50	LOW	64QAM	16.91	16.88	17.08	18.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**17.02**	16.72	16.81	18.50
		MID	QPSK	16.75	16.99	16.91	18.50
		HIGH	QPSK	16.93	17.00	16.86	18.50
	36	LOW	QPSK	16.96	**17.08**	16.75	18.50
		MID	QPSK	17.05	17.03	16.95	18.50
		HIGH	QPSK	17.03	16.98	16.87	18.50
	75	LOW	QPSK	16.91	**17.02**	16.98	18.50
15	1	LOW	Q16	17.12	17.11	17.10	18.50
		MID	Q16	17.00	17.31	17.15	18.50
		HIGH	Q16	17.10	17.25	16.96	18.50
	36	LOW	Q16	16.89	16.91	16.97	18.50
		MID	Q16	17.17	17.02	16.94	18.50
		HIGH	Q16	17.03	17.12	16.88	18.50
	75	LOW	Q16	16.96	16.90	16.86	18.50
15	1	LOW	64QAM	17.11	17.19	17.20	18.50
		MID	64QAM	17.01	17.27	17.16	18.50
		HIGH	64QAM	17.02	17.35	16.95	18.50
	36	LOW	64QAM	16.96	17.06	17.08	18.50
		MID	64QAM	16.80	17.06	16.80	18.50
		HIGH	64QAM	17.21	17.21	16.97	18.50
	75	LOW	64QAM	16.98	16.73	16.97	18.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.94	16.85	16.89	18.50
		MID	QPSK	16.82	17.01	16.86	18.50
		HIGH	QPSK	16.85	**17.03**	16.81	18.50
	50	LOW	QPSK	16.96	**17.11**	16.94	18.50
		MID	QPSK	16.98	17.10	16.98	18.50
		HIGH	QPSK	16.98	17.07	17.01	18.50
	100	LOW	QPSK	17.03	**17.09**	16.95	18.50
20	1	LOW	Q16	17.15	17.16	17.15	18.50
		MID	Q16	17.07	17.22	17.13	18.50
		HIGH	Q16	17.03	17.30	17.08	18.50
	50	LOW	Q16	17.01	16.99	17.09	18.50
		MID	Q16	17.10	17.00	17.09	18.50
		HIGH	Q16	17.01	17.05	17.03	18.50
	100	LOW	Q16	17.05	16.98	17.05	18.50
20	1	LOW	64QAM	17.25	17.21	17.11	18.50
		MID	64QAM	17.20	17.30	17.13	18.50
		HIGH	64QAM	17.17	17.35	17.02	18.50
	50	LOW	64QAM	17.10	17.01	17.13	18.50
		MID	64QAM	16.95	17.03	16.94	18.50
		HIGH	64QAM	17.12	17.14	17.14	18.50
	100	LOW	64QAM	16.96	16.86	17.11	18.50

LTE B7-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.37	16.32	16.24	18.00
		MID	QPSK	16.22	16.34	16.30	18.00
		HIGH	QPSK	16.24	**16.49**	16.20	18.00
	12	LOW	QPSK	16.40	**16.66**	16.46	18.00
		MID	QPSK	16.50	16.63	16.55	18.00
		HIGH	QPSK	16.40	16.39	16.59	18.00
	25	LOW	QPSK	16.51	**16.53**	16.42	18.00
5	1	LOW	Q16	16.66	16.47	16.51	18.00
		MID	Q16	16.65	16.70	16.55	18.00
		HIGH	Q16	16.50	16.70	16.39	18.00
	12	LOW	Q16	16.50	16.47	16.43	18.00
		MID	Q16	16.43	16.51	16.65	18.00
		HIGH	Q16	16.33	16.53	16.57	18.00
	25	LOW	Q16	16.58	16.44	16.49	18.00
5	1	LOW	64QAM	16.83	16.50	16.74	18.00
		MID	64QAM	16.61	16.56	16.55	18.00
		HIGH	64QAM	16.55	16.81	16.51	18.00
	12	LOW	64QAM	16.53	16.31	16.67	18.00
		MID	64QAM	16.61	16.39	16.65	18.00
		HIGH	64QAM	16.43	16.48	16.43	18.00
	25	LOW	64QAM	16.68	16.44	16.55	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**16.54**	16.40	16.24	18.00
		MID	QPSK	16.22	16.35	16.48	18.00
		HIGH	QPSK	16.37	16.48	16.32	18.00
	25	LOW	QPSK	16.43	16.51	16.41	18.00
		MID	QPSK	16.39	16.43	16.57	18.00
		HIGH	QPSK	16.51	**16.63**	16.52	18.00
	50	LOW	QPSK	16.41	**16.66**	16.42	18.00
10	1	LOW	Q16	16.70	16.67	16.51	18.00
		MID	Q16	16.58	16.68	16.72	18.00
		HIGH	Q16	16.40	16.75	16.42	18.00
	25	LOW	Q16	16.45	16.39	16.53	18.00
		MID	Q16	16.52	16.55	16.55	18.00
		HIGH	Q16	16.36	16.38	16.48	18.00
	50	LOW	Q16	16.54	16.34	16.60	18.00
10	1	LOW	64QAM	16.78	16.56	16.67	18.00
		MID	64QAM	16.68	16.61	16.34	18.00
		HIGH	64QAM	16.62	16.66	16.76	18.00
	25	LOW	64QAM	16.52	16.36	16.64	18.00
		MID	64QAM	16.52	16.41	16.50	18.00
		HIGH	64QAM	16.37	16.58	16.28	18.00
	50	LOW	64QAM	16.67	16.28	16.55	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	16.39	16.21	16.26	18.00
		MID	QPSK	16.27	16.34	16.27	18.00
		HIGH	QPSK	16.26	**16.48**	16.33	18.00
	36	LOW	QPSK	16.42	16.56	16.42	18.00
		MID	QPSK	16.37	**16.68**	16.62	18.00
		HIGH	QPSK	16.43	16.56	16.39	18.00
	75	LOW	QPSK	16.56	**16.61**	16.48	18.00
15	1	LOW	Q16	16.80	16.67	16.71	18.00
		MID	Q16	16.77	16.60	16.57	18.00
		HIGH	Q16	16.51	16.89	16.57	18.00
	36	LOW	Q16	16.34	16.42	16.47	18.00
		MID	Q16	16.37	16.33	16.50	18.00
		HIGH	Q16	16.44	16.52	16.43	18.00
	75	LOW	Q16	16.54	16.44	16.47	18.00
15	1	LOW	64QAM	16.80	16.48	16.61	18.00
		MID	64QAM	16.73	16.71	16.58	18.00
		HIGH	64QAM	16.73	16.74	16.53	18.00
	36	LOW	64QAM	16.42	16.23	16.54	18.00
		MID	64QAM	16.51	16.30	16.51	18.00
		HIGH	64QAM	16.55	16.41	16.41	18.00
	75	LOW	64QAM	16.42	16.36	16.29	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	16.47	16.37	16.42	18.00
		MID	QPSK	16.38	16.52	16.43	18.00
		HIGH	QPSK	16.37	**16.56**	16.35	18.00
	50	LOW	QPSK	16.50	**16.63**	16.49	18.00
		MID	QPSK	16.52	16.61	16.55	18.00
		HIGH	QPSK	16.48	16.56	16.54	18.00
	100	LOW	QPSK	16.56	**16.61**	16.50	18.00
20	1	LOW	Q16	16.83	16.60	16.69	18.00
		MID	Q16	16.75	16.73	16.65	18.00
		HIGH	Q16	16.58	16.82	16.57	18.00
	50	LOW	Q16	16.52	16.49	16.60	18.00
		MID	Q16	16.55	16.48	16.57	18.00
		HIGH	Q16	16.49	16.55	16.50	18.00
	100	LOW	Q16	16.51	16.47	16.57	18.00
20	1	LOW	64QAM	16.83	16.58	16.79	18.00
		MID	64QAM	16.73	16.64	16.50	18.00
		HIGH	64QAM	16.70	16.79	16.68	18.00
	50	LOW	64QAM	16.45	16.34	16.67	18.00
		MID	64QAM	16.54	16.46	16.68	18.00
		HIGH	64QAM	16.50	16.58	16.46	18.00
	100	LOW	64QAM	16.60	16.36	16.47	18.00

LTE B7-State 12 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	14.89	14.68	14.95	15.50
		MID	QPSK	14.65	14.89	14.70	15.50
		HIGH	QPSK	14.76	14.95	14.69	15.50
	12	LOW	QPSK	14.93	14.81	14.76	15.50
		MID	QPSK	14.90	14.97	14.92	15.50
		HIGH	QPSK	14.93	14.84	14.76	15.50
	25	LOW	QPSK	14.91	14.90	14.78	15.50
5	1	LOW	Q16	15.07	15.00	15.18	15.50
		MID	Q16	14.90	15.11	15.08	15.50
		HIGH	Q16	15.04	15.32	14.91	15.50
	12	LOW	Q16	14.99	15.02	15.11	15.50
		MID	Q16	15.01	14.96	14.95	15.50
		HIGH	Q16	14.88	15.02	15.06	15.50
	25	LOW	Q16	15.06	14.99	14.95	15.50
5	1	LOW	64QAM	15.19	14.91	15.11	15.50
		MID	64QAM	15.09	15.14	14.87	15.50
		HIGH	64QAM	15.15	15.16	15.14	15.50
	12	LOW	64QAM	14.80	14.85	14.96	15.50
		MID	64QAM	15.02	15.16	15.17	15.50
		HIGH	64QAM	14.96	14.96	14.94	15.50
	25	LOW	64QAM	15.03	14.77	15.00	15.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	14.82	14.69	14.76	15.50
		MID	QPSK	14.71	14.99	14.75	15.50
		HIGH	QPSK	14.63	14.82	14.75	15.50
	25	LOW	QPSK	15.04	14.94	14.92	15.50
		MID	QPSK	14.85	14.83	14.99	15.50
		HIGH	QPSK	14.83	15.02	14.78	15.50
	50	LOW	QPSK	14.95	14.81	14.78	15.50
10	1	LOW	Q16	15.19	15.00	15.12	15.50
		MID	Q16	14.84	15.11	14.99	15.50
		HIGH	Q16	15.09	15.10	15.08	15.50
	25	LOW	Q16	14.90	14.90	14.93	15.50
		MID	Q16	15.10	14.85	15.02	15.50
		HIGH	Q16	14.91	15.02	14.96	15.50
	50	LOW	Q16	14.93	14.92	15.15	15.50
10	1	LOW	64QAM	15.24	15.10	15.26	15.50
		MID	64QAM	15.00	15.15	14.87	15.50
		HIGH	64QAM	14.95	15.21	15.00	15.50
	25	LOW	64QAM	14.96	14.77	15.00	15.50
		MID	64QAM	15.09	15.08	15.25	15.50
		HIGH	64QAM	14.88	15.04	15.00	15.50
	50	LOW	64QAM	14.97	14.71	15.11	15.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.87	14.85	14.79	15.50
		MID	QPSK	14.67	14.83	14.79	15.50
		HIGH	QPSK	14.61	15.00	14.66	15.50
	36	LOW	QPSK	14.89	14.78	14.94	15.50
		MID	QPSK	15.04	14.81	14.96	15.50
		HIGH	QPSK	14.75	14.90	14.79	15.50
	75	LOW	QPSK	14.95	14.87	14.86	15.50
15	1	LOW	Q16	15.10	15.14	15.15	15.50
		MID	Q16	15.07	15.22	15.02	15.50
		HIGH	Q16	14.98	15.29	15.03	15.50
	36	LOW	Q16	14.83	14.93	15.03	15.50
		MID	Q16	14.87	14.82	14.99	15.50
		HIGH	Q16	14.79	15.13	15.03	15.50
	75	LOW	Q16	14.92	14.84	14.93	15.50
15	1	LOW	64QAM	15.07	15.13	15.19	15.50
		MID	64QAM	15.10	15.17	14.96	15.50
		HIGH	64QAM	14.98	15.21	14.95	15.50
	36	LOW	64QAM	14.74	14.73	15.16	15.50
		MID	64QAM	15.04	14.99	15.11	15.50
		HIGH	64QAM	14.93	15.12	14.97	15.50
	75	LOW	64QAM	14.99	14.68	15.14	15.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	14.83	14.81	14.91	15.50
		MID	QPSK	14.80	**14.95**	14.76	15.50
		HIGH	QPSK	14.76	14.94	14.79	15.50
	50	LOW	QPSK	**15.04**	14.90	14.88	15.50
		MID	QPSK	15.02	14.93	14.93	15.50
		HIGH	QPSK	14.90	14.96	14.91	15.50
	100	LOW	QPSK	**14.95**	14.91	14.93	15.50
20	1	LOW	Q16	15.19	15.08	15.15	15.50
		MID	Q16	15.01	15.20	15.11	15.50
		HIGH	Q16	15.01	15.24	15.06	15.50
	50	LOW	Q16	14.96	14.99	15.08	15.50
		MID	Q16	15.04	14.97	15.07	15.50
		HIGH	Q16	14.95	15.05	15.01	15.50
	100	LOW	Q16	15.01	14.96	15.07	15.50
20	1	LOW	64QAM	15.24	15.08	15.28	15.50
		MID	64QAM	15.15	15.12	15.01	15.50
		HIGH	64QAM	15.12	15.30	15.12	15.50
	50	LOW	64QAM	14.89	14.86	15.11	15.50
		MID	64QAM	15.04	15.11	15.19	15.50
		HIGH	64QAM	14.92	15.07	15.09	15.50
	100	LOW	64QAM	14.96	14.81	15.17	15.50

LTE B7-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	11.94	11.93	12.07	13.50
		MID	QPSK	12.05	11.86	11.84	13.50
		HIGH	QPSK	11.95	11.73	11.88	13.50
	12	LOW	QPSK	12.05	12.01	11.97	13.50
		MID	QPSK	12.08	11.87	12.03	13.50
		HIGH	QPSK	11.88	11.91	12.00	13.50
	25	LOW	QPSK	12.01	11.90	11.98	13.50
5	1	LOW	Q16	12.09	11.94	12.08	13.50
		MID	Q16	12.15	11.99	12.15	13.50
		HIGH	Q16	12.00	12.07	12.08	13.50
	12	LOW	Q16	11.94	11.91	12.19	13.50
		MID	Q16	12.15	12.04	12.10	13.50
		HIGH	Q16	12.00	12.18	11.85	13.50
	25	LOW	Q16	12.14	12.08	12.16	13.50
5	1	LOW	64QAM	12.08	12.05	12.32	13.50
		MID	64QAM	12.07	11.99	12.22	13.50
		HIGH	64QAM	11.98	12.09	12.03	13.50
	12	LOW	64QAM	12.04	11.86	12.24	13.50
		MID	64QAM	12.11	11.92	12.20	13.50
		HIGH	64QAM	11.85	12.02	11.85	13.50
	25	LOW	64QAM	12.13	11.88	12.17	13.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	11.86	11.76	12.05	13.50
		MID	QPSK	12.03	11.91	11.73	13.50
		HIGH	QPSK	11.94	11.77	11.85	13.50
	25	LOW	QPSK	12.05	11.97	11.91	13.50
		MID	QPSK	11.94	11.84	11.95	13.50
		HIGH	QPSK	11.96	11.97	11.99	13.50
	50	LOW	QPSK	12.07	11.90	11.90	13.50
10	1	LOW	Q16	12.16	12.10	12.12	13.50
		MID	Q16	12.02	12.06	12.15	13.50
		HIGH	Q16	12.12	11.97	12.15	13.50
	25	LOW	Q16	12.03	11.99	12.07	13.50
		MID	Q16	12.09	11.92	11.97	13.50
		HIGH	Q16	11.99	12.02	11.96	13.50
	50	LOW	Q16	12.08	11.94	11.99	13.50
10	1	LOW	64QAM	12.01	12.16	12.31	13.50
		MID	64QAM	12.16	12.15	12.06	13.50
		HIGH	64QAM	11.98	12.07	11.97	13.50
	25	LOW	64QAM	12.01	11.81	12.15	13.50
		MID	64QAM	11.99	11.99	12.10	13.50
		HIGH	64QAM	11.83	11.99	11.89	13.50
	50	LOW	64QAM	11.95	11.98	11.99	13.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	11.91	11.82	12.03	13.50
		MID	QPSK	11.86	11.90	11.72	13.50
		HIGH	QPSK	12.06	11.78	11.79	13.50
	36	LOW	QPSK	12.10	11.99	11.87	13.50
		MID	QPSK	12.10	11.89	12.01	13.50
		HIGH	QPSK	11.93	11.95	11.97	13.50
	75	LOW	QPSK	12.00	11.97	12.03	13.50
15	1	LOW	Q16	12.24	11.98	12.17	13.50
		MID	Q16	12.11	12.05	12.05	13.50
		HIGH	Q16	12.01	12.13	12.01	13.50
	36	LOW	Q16	11.88	12.10	12.05	13.50
		MID	Q16	11.99	12.08	11.99	13.50
		HIGH	Q16	11.99	12.10	11.95	13.50
	75	LOW	Q16	12.14	12.08	12.02	13.50
15	1	LOW	64QAM	12.15	12.10	12.14	13.50
		MID	64QAM	12.01	12.06	12.15	13.50
		HIGH	64QAM	12.03	12.19	11.93	13.50
	36	LOW	64QAM	12.00	11.84	12.13	13.50
		MID	64QAM	11.97	12.03	12.10	13.50
		HIGH	64QAM	11.94	11.99	11.98	13.50
	75	LOW	64QAM	12.03	11.93	12.05	13.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	11.92	11.88	12.01	13.50
		MID	QPSK	11.99	11.91	11.85	13.50
		HIGH	QPSK	**12.02**	11.84	11.87	13.50
	50	LOW	QPSK	**12.11**	11.99	11.98	13.50
		MID	QPSK	12.04	11.97	12.01	13.50
		HIGH	QPSK	11.98	12.03	11.98	13.50
	100	LOW	QPSK	**12.05**	11.98	12.02	13.50
20	1	LOW	Q16	12.20	12.05	12.21	13.50
		MID	Q16	12.09	12.06	12.15	13.50
		HIGH	Q16	12.07	12.08	12.09	13.50
	50	LOW	Q16	12.01	12.04	12.13	13.50
		MID	Q16	12.10	12.02	12.04	13.50
		HIGH	Q16	12.01	12.12	11.97	13.50
	100	LOW	Q16	12.10	12.02	12.10	13.50
20	1	LOW	64QAM	12.14	12.15	12.27	13.50
		MID	64QAM	12.14	12.11	12.17	13.50
		HIGH	64QAM	12.10	12.19	12.05	13.50
	50	LOW	64QAM	12.06	11.92	12.22	13.50
		MID	64QAM	12.05	11.99	12.14	13.50
		HIGH	64QAM	11.95	11.97	11.93	13.50
	100	LOW	64QAM	12.08	12.00	12.11	13.50

LTE B7-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**9.70**	9.28	9.27	11.00
		MID	QPSK	9.43	9.37	9.29	11.00
		HIGH	QPSK	9.48	9.27	9.39	11.00
	12	LOW	QPSK	**9.76**	9.38	9.37	11.00
		MID	QPSK	9.40	9.41	9.32	11.00
		HIGH	QPSK	9.43	9.35	9.42	11.00
	25	LOW	QPSK	**9.53**	9.37	9.49	11.00
5	1	LOW	Q16	9.61	9.53	9.68	11.00
		MID	Q16	9.73	9.53	9.62	11.00
		HIGH	Q16	9.75	9.51	9.62	11.00
	12	LOW	Q16	9.52	9.61	9.66	11.00
		MID	Q16	9.49	9.59	9.35	11.00
		HIGH	Q16	9.48	9.63	9.39	11.00
	25	LOW	Q16	9.52	9.44	9.61	11.00
5	1	LOW	64QAM	9.53	9.56	9.48	11.00
		MID	64QAM	9.56	9.63	9.41	11.00
		HIGH	64QAM	9.52	9.38	9.31	11.00
	12	LOW	64QAM	9.65	9.29	9.78	11.00
		MID	64QAM	9.47	9.36	9.68	11.00
		HIGH	64QAM	9.31	9.48	9.43	11.00
	25	LOW	64QAM	9.58	9.34	9.59	11.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**9.57**	9.31	9.37	11.00
		MID	QPSK	9.35	9.24	9.30	11.00
		HIGH	QPSK	9.50	9.28	9.42	11.00
	25	LOW	QPSK	**9.69**	9.32	9.39	11.00
		MID	QPSK	9.46	9.34	9.32	11.00
		HIGH	QPSK	9.49	9.48	9.42	11.00
	50	LOW	QPSK	9.47	9.33	**9.48**	11.00
10	1	LOW	Q16	9.53	9.47	9.64	11.00
		MID	Q16	9.66	9.52	9.64	11.00
		HIGH	Q16	9.69	9.51	9.66	11.00
	25	LOW	Q16	9.57	9.49	9.56	11.00
		MID	Q16	9.64	9.51	9.47	11.00
		HIGH	Q16	9.41	9.61	9.29	11.00
	50	LOW	Q16	9.54	9.52	9.47	11.00
10	1	LOW	64QAM	9.43	9.66	9.56	11.00
		MID	64QAM	9.54	9.55	9.41	11.00
		HIGH	64QAM	9.57	9.46	9.31	11.00
	25	LOW	64QAM	9.50	9.41	9.76	11.00
		MID	64QAM	9.48	9.44	9.57	11.00
		HIGH	64QAM	9.35	9.49	9.42	11.00
	50	LOW	64QAM	9.53	9.46	9.54	11.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**9.69**	9.26	9.38	11.00
		MID	QPSK	9.45	9.22	9.18	11.00
		HIGH	QPSK	9.58	9.28	9.42	11.00
	36	LOW	QPSK	**9.66**	9.45	9.46	11.00
		MID	QPSK	9.46	9.32	9.30	11.00
		HIGH	QPSK	9.43	9.36	9.37	11.00
	75	LOW	QPSK	9.49	9.47	**9.53**	11.00
15	1	LOW	Q16	9.66	9.53	9.53	11.00
		MID	Q16	9.77	9.61	9.52	11.00
		HIGH	Q16	9.73	9.56	9.57	11.00
	36	LOW	Q16	9.53	9.56	9.56	11.00
		MID	Q16	9.55	9.44	9.40	11.00
		HIGH	Q16	9.40	9.53	9.30	11.00
	75	LOW	Q16	9.44	9.42	9.55	11.00
15	1	LOW	64QAM	9.47	9.56	9.63	11.00
		MID	64QAM	9.57	9.65	9.42	11.00
		HIGH	64QAM	9.60	9.52	9.17	11.00
	36	LOW	64QAM	9.52	9.40	9.65	11.00
		MID	64QAM	9.46	9.49	9.68	11.00
		HIGH	64QAM	9.31	9.48	9.46	11.00
	75	LOW	64QAM	9.58	9.46	9.46	11.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**9.66**	9.36	9.36	11.00
		MID	QPSK	9.43	9.32	9.25	11.00
		HIGH	QPSK	9.56	9.33	9.39	11.00
	50	LOW	QPSK	**9.72**	9.41	9.46	11.00
		MID	QPSK	9.46	9.40	9.40	11.00
		HIGH	QPSK	9.53	9.43	9.40	11.00
	100	LOW	QPSK	**9.58**	9.42	9.52	11.00
20	1	LOW	Q16	9.62	9.55	9.64	11.00
		MID	Q16	9.72	9.57	9.59	11.00
		HIGH	Q16	9.79	9.51	9.64	11.00
	50	LOW	Q16	9.53	9.57	9.61	11.00
		MID	Q16	9.59	9.55	9.44	11.00
		HIGH	Q16	9.49	9.62	9.39	11.00
	100	LOW	Q16	9.50	9.52	9.58	11.00
20	1	LOW	64QAM	9.53	9.65	9.58	11.00
		MID	64QAM	9.65	9.61	9.44	11.00
		HIGH	64QAM	9.62	9.47	9.27	11.00
	50	LOW	64QAM	9.60	9.37	9.73	11.00
		MID	64QAM	9.51	9.45	9.63	11.00
		HIGH	64QAM	9.39	9.45	9.47	11.00
	100	LOW	64QAM	9.54	9.41	9.56	11.00

LTE B7-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	11.94	11.93	**12.07**	13.50
		MID	QPSK	12.05	11.86	11.84	13.50
		HIGH	QPSK	11.95	11.73	11.88	13.50
	12	LOW	QPSK	12.05	12.01	11.97	13.50
		MID	QPSK	**12.08**	11.87	12.03	13.50
		HIGH	QPSK	11.88	11.91	12.00	13.50
	25	LOW	QPSK	**12.01**	11.90	11.98	13.50
5	1	LOW	Q16	12.09	11.94	12.08	13.50
		MID	Q16	12.15	11.99	12.15	13.50
		HIGH	Q16	12.00	12.07	12.08	13.50
	12	LOW	Q16	11.94	11.91	12.19	13.50
		MID	Q16	12.15	12.04	12.10	13.50
		HIGH	Q16	12.00	12.18	11.85	13.50
	25	LOW	Q16	12.14	12.08	12.16	13.50
5	1	LOW	64QAM	12.08	12.05	12.32	13.50
		MID	64QAM	12.07	11.99	12.22	13.50
		HIGH	64QAM	11.98	12.09	12.03	13.50
	12	LOW	64QAM	12.04	11.86	12.24	13.50
		MID	64QAM	12.11	11.92	12.20	13.50
		HIGH	64QAM	11.85	12.02	11.85	13.50
	25	LOW	64QAM	12.13	11.88	12.17	13.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	11.86	11.76	**12.05**	13.50
		MID	QPSK	12.03	11.91	11.73	13.50
		HIGH	QPSK	11.94	11.77	11.85	13.50
	25	LOW	QPSK	**12.05**	11.97	11.91	13.50
		MID	QPSK	11.94	11.84	11.95	13.50
		HIGH	QPSK	11.96	11.97	11.99	13.50
	50	LOW	QPSK	**12.07**	11.90	11.90	13.50
10	1	LOW	Q16	12.16	12.10	12.12	13.50
		MID	Q16	12.02	12.06	12.15	13.50
		HIGH	Q16	12.12	11.97	12.15	13.50
	25	LOW	Q16	12.03	11.99	12.07	13.50
		MID	Q16	12.09	11.92	11.97	13.50
		HIGH	Q16	11.99	12.02	11.96	13.50
	50	LOW	Q16	12.08	11.94	11.99	13.50
10	1	LOW	64QAM	12.01	12.16	12.31	13.50
		MID	64QAM	12.16	12.15	12.06	13.50
		HIGH	64QAM	11.98	12.07	11.97	13.50
	25	LOW	64QAM	12.01	11.81	12.15	13.50
		MID	64QAM	11.99	11.99	12.10	13.50
		HIGH	64QAM	11.83	11.99	11.89	13.50
	50	LOW	64QAM	11.95	11.98	11.99	13.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	11.91	11.82	12.03	13.50
		MID	QPSK	11.86	11.90	11.72	13.50
		HIGH	QPSK	**12.06**	11.78	11.79	13.50
	36	LOW	QPSK	**12.10**	11.99	11.87	13.50
		MID	QPSK	**12.10**	11.89	12.01	13.50
		HIGH	QPSK	11.93	11.95	11.97	13.50
	75	LOW	QPSK	12.00	11.97	**12.03**	13.50
15	1	LOW	Q16	12.24	11.98	12.17	13.50
		MID	Q16	12.11	12.05	12.05	13.50
		HIGH	Q16	12.01	12.13	12.01	13.50
	36	LOW	Q16	11.88	12.10	12.05	13.50
		MID	Q16	11.99	12.08	11.99	13.50
		HIGH	Q16	11.99	12.10	11.95	13.50
	75	LOW	Q16	12.14	12.08	12.02	13.50
15	1	LOW	64QAM	12.15	12.10	12.14	13.50
		MID	64QAM	12.01	12.06	12.15	13.50
		HIGH	64QAM	12.03	12.19	11.93	13.50
	36	LOW	64QAM	12.00	11.84	12.13	13.50
		MID	64QAM	11.97	12.03	12.10	13.50
		HIGH	64QAM	11.94	11.99	11.98	13.50
	75	LOW	64QAM	12.03	11.93	12.05	13.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	11.92	11.88	12.01	13.50
		MID	QPSK	11.99	11.91	11.85	13.50
		HIGH	QPSK	**12.02**	11.84	11.87	13.50
	50	LOW	QPSK	**12.11**	11.99	11.98	13.50
		MID	QPSK	12.04	11.97	12.01	13.50
		HIGH	QPSK	11.98	12.03	11.98	13.50
	100	LOW	QPSK	**12.05**	11.98	12.02	13.50
20	1	LOW	Q16	12.20	12.05	12.21	13.50
		MID	Q16	12.09	12.06	12.15	13.50
		HIGH	Q16	12.07	12.08	12.09	13.50
	50	LOW	Q16	12.01	12.04	12.13	13.50
		MID	Q16	12.10	12.02	12.04	13.50
		HIGH	Q16	12.01	12.12	11.97	13.50
	100	LOW	Q16	12.10	12.02	12.10	13.50
20	1	LOW	64QAM	12.14	12.15	12.27	13.50
		MID	64QAM	12.14	12.11	12.17	13.50
		HIGH	64QAM	12.10	12.19	12.05	13.50
	50	LOW	64QAM	12.06	11.92	12.22	13.50
		MID	64QAM	12.05	11.99	12.14	13.50
		HIGH	64QAM	11.95	11.97	11.93	13.50
	100	LOW	64QAM	12.08	12.00	12.11	13.50

LTE B7-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**15.70**	15.38	15.45	17.00
		MID	QPSK	15.36	15.54	15.51	17.00
		HIGH	QPSK	15.38	15.44	15.38	17.00
	12	LOW	QPSK	15.40	15.45	15.55	17.00
		MID	QPSK	15.54	15.46	**15.56**	17.00
		HIGH	QPSK	15.45	15.46	15.38	17.00
	25	LOW	QPSK	**15.41**	15.26	15.38	17.00
5	1	LOW	Q16	15.61	15.52	15.50	17.00
		MID	Q16	15.53	15.36	15.67	17.00
		HIGH	Q16	15.58	15.57	15.54	17.00
	12	LOW	Q16	15.40	15.37	15.56	17.00
		MID	Q16	15.47	15.54	15.45	17.00
		HIGH	Q16	15.47	15.47	15.39	17.00
	25	LOW	Q16	15.44	15.28	15.52	17.00
5	1	LOW	64QAM	15.57	15.51	15.52	17.00
		MID	64QAM	15.35	15.62	15.49	17.00
		HIGH	64QAM	15.51	15.69	15.46	17.00
	12	LOW	64QAM	15.45	15.47	15.41	17.00
		MID	64QAM	15.47	15.52	15.55	17.00
		HIGH	64QAM	15.56	15.42	15.48	17.00
	25	LOW	64QAM	15.47	15.41	15.40	17.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**15.75**	15.45	15.45	17.00
		MID	QPSK	15.56	15.53	15.64	17.00
		HIGH	QPSK	15.41	15.49	15.49	17.00
	25	LOW	QPSK	15.50	15.29	15.50	17.00
		MID	QPSK	15.40	15.32	**15.59**	17.00
		HIGH	QPSK	15.34	15.52	15.58	17.00
	50	LOW	QPSK	**15.52**	15.32	15.38	17.00
10	1	LOW	Q16	15.56	15.30	15.64	17.00
		MID	Q16	15.44	15.46	15.54	17.00
		HIGH	Q16	15.42	15.57	15.47	17.00
	25	LOW	Q16	15.53	15.51	15.47	17.00
		MID	Q16	15.37	15.31	15.54	17.00
		HIGH	Q16	15.37	15.52	15.58	17.00
	50	LOW	Q16	15.38	15.45	15.41	17.00
10	1	LOW	64QAM	15.66	15.42	15.57	17.00
		MID	64QAM	15.50	15.76	15.50	17.00
		HIGH	64QAM	15.48	15.77	15.52	17.00
	25	LOW	64QAM	15.52	15.52	15.38	17.00
		MID	64QAM	15.28	15.34	15.50	17.00
		HIGH	64QAM	15.55	15.48	15.66	17.00
	50	LOW	64QAM	15.47	15.54	15.40	17.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**15.76**	15.42	15.47	17.00
		MID	QPSK	15.41	15.36	15.68	17.00
		HIGH	QPSK	15.52	15.40	15.38	17.00
	36	LOW	QPSK	15.43	15.34	**15.55**	17.00
		MID	QPSK	15.41	15.31	15.39	17.00
		HIGH	QPSK	15.27	15.54	15.38	17.00
	75	LOW	QPSK	15.36	**15.49**	**15.49**	17.00
15	1	LOW	Q16	15.72	15.53	15.45	17.00
		MID	Q16	15.44	15.42	15.57	17.00
		HIGH	Q16	15.50	15.32	15.40	17.00
	36	LOW	Q16	15.40	15.28	15.41	17.00
		MID	Q16	15.34	15.35	15.57	17.00
		HIGH	Q16	15.34	15.38	15.42	17.00
	75	LOW	Q16	15.41	15.37	15.49	17.00
15	1	LOW	64QAM	15.51	15.57	15.52	17.00
		MID	64QAM	15.38	15.74	15.40	17.00
		HIGH	64QAM	15.47	15.74	15.49	17.00
	36	LOW	64QAM	15.60	15.58	15.42	17.00
		MID	64QAM	15.48	15.38	15.38	17.00
		HIGH	64QAM	15.55	15.52	15.57	17.00
	75	LOW	64QAM	15.45	15.50	15.31	17.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**15.78**	15.64	15.69	17.00
		MID	QPSK	15.63	15.74	15.68	17.00
		HIGH	QPSK	15.61	**15.78**	15.76	17.00
	50	LOW	QPSK	**15.85**	15.72	15.78	17.00
		MID	QPSK	15.83	15.77	15.80	17.00
		HIGH	QPSK	15.72	15.79	15.76	17.00
	100	LOW	QPSK	**15.80**	15.74	15.79	17.00
20	1	LOW	Q16	16.10	16.07	16.02	17.00
		MID	Q16	15.90	16.11	16.02	17.00
		HIGH	Q16	15.90	16.09	15.89	17.00
	50	LOW	Q16	15.85	15.83	15.98	17.00
		MID	Q16	15.89	15.86	15.94	17.00
		HIGH	Q16	15.82	15.92	15.90	17.00
	100	LOW	Q16	15.87	15.83	15.92	17.00
20	1	LOW	64QAM	16.03	15.97	15.92	17.00
		MID	64QAM	15.84	16.08	15.92	17.00
		HIGH	64QAM	15.85	16.12	16.01	17.00
	50	LOW	64QAM	15.97	15.98	15.93	17.00
		MID	64QAM	15.85	15.72	15.90	17.00
		HIGH	64QAM	15.93	15.97	16.03	17.00
	100	LOW	64QAM	15.93	15.96	15.88	17.00

LTE B7-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.38	18.40	18.41	20.00
		MID	QPSK	18.29	18.50	**18.51**	20.00
		HIGH	QPSK	18.22	18.47	18.46	20.00
	12	LOW	QPSK	18.43	18.44	18.52	20.00
		MID	QPSK	18.49	18.38	**18.63**	20.00
		HIGH	QPSK	18.28	18.37	18.54	20.00
	25	LOW	QPSK	18.63	18.38	**18.67**	20.00
5	1	LOW	Q16	18.98	18.98	18.89	20.00
		MID	Q16	18.86	19.03	18.91	20.00
		HIGH	Q16	18.97	18.90	18.76	20.00
	12	LOW	Q16	18.50	18.55	18.65	20.00
		MID	Q16	18.37	18.60	18.55	20.00
		HIGH	Q16	18.41	18.49	18.54	20.00
	25	LOW	Q16	18.68	18.54	18.52	20.00
5	1	LOW	64QAM	18.84	18.81	18.75	20.00
		MID	64QAM	18.87	18.98	18.75	20.00
		HIGH	64QAM	18.84	18.99	18.88	20.00
	12	LOW	64QAM	18.37	18.41	18.58	20.00
		MID	64QAM	18.48	18.48	18.59	20.00
		HIGH	64QAM	18.42	18.43	18.59	20.00
	25	LOW	64QAM	18.41	18.54	18.59	20.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.35	18.49	18.42	20.00
		MID	QPSK	18.31	18.49	18.31	20.00
		HIGH	QPSK	18.36	**18.73**	18.24	20.00
	25	LOW	QPSK	18.45	18.34	**18.68**	20.00
		MID	QPSK	18.29	18.56	18.55	20.00
		HIGH	QPSK	18.23	18.62	18.66	20.00
	50	LOW	QPSK	18.37	**18.58**	18.46	20.00
10	1	LOW	Q16	18.91	18.73	18.75	20.00
		MID	Q16	18.81	18.78	18.88	20.00
		HIGH	Q16	18.74	18.91	18.89	20.00
	25	LOW	Q16	18.48	18.32	18.52	20.00
		MID	Q16	18.59	18.45	18.50	20.00
		HIGH	Q16	18.55	18.39	18.34	20.00
	50	LOW	Q16	18.61	18.43	18.49	20.00
10	1	LOW	64QAM	18.99	18.98	18.93	20.00
		MID	64QAM	18.83	18.82	18.91	20.00
		HIGH	64QAM	18.85	18.88	18.83	20.00
	25	LOW	64QAM	18.51	18.48	18.56	20.00
		MID	64QAM	18.44	18.53	18.42	20.00
		HIGH	64QAM	18.33	18.51	18.60	20.00
	50	LOW	64QAM	18.63	18.36	18.56	20.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.45	18.36	18.50	20.00
		MID	QPSK	18.35	18.54	18.56	20.00
		HIGH	QPSK	18.45	**18.61**	18.37	20.00
	36	LOW	QPSK	18.43	18.60	**18.71**	20.00
		MID	QPSK	18.45	18.45	18.47	20.00
		HIGH	QPSK	18.36	18.35	18.55	20.00
	75	LOW	QPSK	**18.63**	18.36	18.60	20.00
15	1	LOW	Q16	18.82	18.80	18.92	20.00
		MID	Q16	18.75	18.89	18.89	20.00
		HIGH	Q16	18.79	18.77	18.64	20.00
	36	LOW	Q16	18.62	18.31	18.52	20.00
		MID	Q16	18.54	18.31	18.65	20.00
		HIGH	Q16	18.38	18.61	18.50	20.00
	75	LOW	Q16	18.52	18.33	18.48	20.00
15	1	LOW	64QAM	18.88	19.00	18.81	20.00
		MID	64QAM	18.95	18.79	18.69	20.00
		HIGH	64QAM	18.84	18.81	18.66	20.00
	36	LOW	64QAM	18.42	18.32	18.47	20.00
		MID	64QAM	18.50	18.31	18.44	20.00
		HIGH	64QAM	18.28	18.50	18.61	20.00
	75	LOW	64QAM	18.67	18.49	18.51	20.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	13.29	**13.49**	13.44	15.00
		MID	QPSK	13.35	13.39	13.33	15.00
		HIGH	QPSK	13.45	13.36	13.42	15.00
	50	LOW	QPSK	13.52	**13.53**	13.46	15.00
		MID	QPSK	13.40	13.40	13.38	15.00
		HIGH	QPSK	13.40	13.34	13.40	15.00
	100	LOW	QPSK	13.48	**13.50**	13.48	15.00
20	1	LOW	Q16	13.66	13.69	13.79	15.00
		MID	Q16	13.67	13.78	13.76	15.00
		HIGH	Q16	13.49	13.73	13.59	15.00
	50	LOW	Q16	13.40	13.49	13.54	15.00
		MID	Q16	13.60	13.41	13.67	15.00
		HIGH	Q16	13.55	13.57	13.50	15.00
	100	LOW	Q16	13.61	13.48	13.59	15.00
20	1	LOW	64QAM	13.58	13.62	13.66	15.00
		MID	64QAM	13.49	13.68	13.58	15.00
		HIGH	64QAM	13.62	13.71	13.57	15.00
	50	LOW	64QAM	13.74	13.67	13.66	15.00
		MID	64QAM	13.52	13.33	13.59	15.00
		HIGH	64QAM	13.56	13.62	13.76	15.00
	100	LOW	64QAM	13.63	13.59	13.65	15.00

LTE B7-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**9.70**	9.28	9.27	11.00
		MID	QPSK	9.43	9.37	9.29	11.00
		HIGH	QPSK	9.48	9.27	9.39	11.00
	12	LOW	QPSK	**9.76**	9.38	9.37	11.00
		MID	QPSK	9.40	9.41	9.32	11.00
		HIGH	QPSK	9.43	9.35	9.42	11.00
	25	LOW	QPSK	**9.53**	9.37	9.49	11.00
5	1	LOW	Q16	9.61	9.53	9.68	11.00
		MID	Q16	9.73	9.53	9.62	11.00
		HIGH	Q16	9.75	9.51	9.62	11.00
	12	LOW	Q16	9.52	9.61	9.66	11.00
		MID	Q16	9.49	9.59	9.35	11.00
		HIGH	Q16	9.48	9.63	9.39	11.00
	25	LOW	Q16	9.52	9.44	9.61	11.00
5	1	LOW	64QAM	9.53	9.56	9.48	11.00
		MID	64QAM	9.56	9.63	9.41	11.00
		HIGH	64QAM	9.52	9.38	9.31	11.00
	12	LOW	64QAM	9.65	9.29	9.78	11.00
		MID	64QAM	9.47	9.36	9.68	11.00
		HIGH	64QAM	9.31	9.48	9.43	11.00
	25	LOW	64QAM	9.58	9.34	9.59	11.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**9.57**	9.31	9.37	11.00
		MID	QPSK	9.35	9.24	9.30	11.00
		HIGH	QPSK	9.50	9.28	9.42	11.00
	25	LOW	QPSK	**9.69**	9.32	9.39	11.00
		MID	QPSK	9.46	9.34	9.32	11.00
		HIGH	QPSK	9.49	9.48	9.42	11.00
	50	LOW	QPSK	9.47	9.33	**9.48**	11.00
10	1	LOW	Q16	9.53	9.47	9.64	11.00
		MID	Q16	9.66	9.52	9.64	11.00
		HIGH	Q16	9.69	9.51	9.66	11.00
	25	LOW	Q16	9.57	9.49	9.56	11.00
		MID	Q16	9.64	9.51	9.47	11.00
		HIGH	Q16	9.41	9.61	9.29	11.00
	50	LOW	Q16	9.54	9.52	9.47	11.00
10	1	LOW	64QAM	9.43	9.66	9.56	11.00
		MID	64QAM	9.54	9.55	9.41	11.00
		HIGH	64QAM	9.57	9.46	9.31	11.00
	25	LOW	64QAM	9.50	9.41	9.76	11.00
		MID	64QAM	9.48	9.44	9.57	11.00
		HIGH	64QAM	9.35	9.49	9.42	11.00
	50	LOW	64QAM	9.53	9.46	9.54	11.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**9.69**	9.26	9.38	11.00
		MID	QPSK	9.45	9.22	9.18	11.00
		HIGH	QPSK	9.58	9.28	9.42	11.00
	36	LOW	QPSK	**9.66**	9.45	9.46	11.00
		MID	QPSK	9.46	9.32	9.30	11.00
		HIGH	QPSK	9.43	9.36	9.37	11.00
	75	LOW	QPSK	9.49	9.47	**9.53**	11.00
15	1	LOW	Q16	9.66	9.53	9.53	11.00
		MID	Q16	9.77	9.61	9.52	11.00
		HIGH	Q16	9.73	9.56	9.57	11.00
	36	LOW	Q16	9.53	9.56	9.56	11.00
		MID	Q16	9.55	9.44	9.40	11.00
		HIGH	Q16	9.40	9.53	9.30	11.00
	75	LOW	Q16	9.44	9.42	9.55	11.00
15	1	LOW	64QAM	9.47	9.56	9.63	11.00
		MID	64QAM	9.57	9.65	9.42	11.00
		HIGH	64QAM	9.60	9.52	9.17	11.00
	36	LOW	64QAM	9.52	9.40	9.65	11.00
		MID	64QAM	9.46	9.49	9.68	11.00
		HIGH	64QAM	9.31	9.48	9.46	11.00
	75	LOW	64QAM	9.58	9.46	9.46	11.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**9.66**	9.36	9.36	11.00
		MID	QPSK	9.43	9.32	9.25	11.00
		HIGH	QPSK	9.56	9.33	9.39	11.00
	50	LOW	QPSK	**9.72**	9.41	9.46	11.00
		MID	QPSK	9.46	9.40	9.40	11.00
		HIGH	QPSK	9.53	9.43	9.40	11.00
	100	LOW	QPSK	**9.58**	9.42	9.52	11.00
20	1	LOW	Q16	9.62	9.55	9.64	11.00
		MID	Q16	9.72	9.57	9.59	11.00
		HIGH	Q16	9.79	9.51	9.64	11.00
	50	LOW	Q16	9.53	9.57	9.61	11.00
		MID	Q16	9.59	9.55	9.44	11.00
		HIGH	Q16	9.49	9.62	9.39	11.00
	100	LOW	Q16	9.50	9.52	9.58	11.00
20	1	LOW	64QAM	9.53	9.65	9.58	11.00
		MID	64QAM	9.65	9.61	9.44	11.00
		HIGH	64QAM	9.62	9.47	9.27	11.00
	50	LOW	64QAM	9.60	9.37	9.73	11.00
		MID	64QAM	9.51	9.45	9.63	11.00
		HIGH	64QAM	9.39	9.45	9.47	11.00
	100	LOW	64QAM	9.54	9.41	9.56	11.00

LTE B7-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	11.94	11.93	**12.07**	13.50
		MID	QPSK	12.05	11.86	11.84	13.50
		HIGH	QPSK	11.95	11.73	11.88	13.50
	12	LOW	QPSK	12.05	12.01	11.97	13.50
		MID	QPSK	**12.08**	11.87	12.03	13.50
		HIGH	QPSK	11.88	11.91	12.00	13.50
	25	LOW	QPSK	**12.01**	11.90	11.98	13.50
5	1	LOW	Q16	12.09	11.94	12.08	13.50
		MID	Q16	12.15	11.99	12.15	13.50
		HIGH	Q16	12.00	12.07	12.08	13.50
	12	LOW	Q16	11.94	11.91	12.19	13.50
		MID	Q16	12.15	12.04	12.10	13.50
		HIGH	Q16	12.00	12.18	11.85	13.50
	25	LOW	Q16	12.14	12.08	12.16	13.50
5	1	LOW	64QAM	12.08	12.05	12.32	13.50
		MID	64QAM	12.07	11.99	12.22	13.50
		HIGH	64QAM	11.98	12.09	12.03	13.50
	12	LOW	64QAM	12.04	11.86	12.24	13.50
		MID	64QAM	12.11	11.92	12.20	13.50
		HIGH	64QAM	11.85	12.02	11.85	13.50
	25	LOW	64QAM	12.13	11.88	12.17	13.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	11.86	11.76	**12.05**	13.50
		MID	QPSK	12.03	11.91	11.73	13.50
		HIGH	QPSK	11.94	11.77	11.85	13.50
	25	LOW	QPSK	**12.05**	11.97	11.91	13.50
		MID	QPSK	11.94	11.84	11.95	13.50
		HIGH	QPSK	11.96	11.97	11.99	13.50
	50	LOW	QPSK	**12.07**	11.90	11.90	13.50
10	1	LOW	Q16	12.16	12.10	12.12	13.50
		MID	Q16	12.02	12.06	12.15	13.50
		HIGH	Q16	12.12	11.97	12.15	13.50
	25	LOW	Q16	12.03	11.99	12.07	13.50
		MID	Q16	12.09	11.92	11.97	13.50
		HIGH	Q16	11.99	12.02	11.96	13.50
	50	LOW	Q16	12.08	11.94	11.99	13.50
10	1	LOW	64QAM	12.01	12.16	12.31	13.50
		MID	64QAM	12.16	12.15	12.06	13.50
		HIGH	64QAM	11.98	12.07	11.97	13.50
	25	LOW	64QAM	12.01	11.81	12.15	13.50
		MID	64QAM	11.99	11.99	12.10	13.50
		HIGH	64QAM	11.83	11.99	11.89	13.50
	50	LOW	64QAM	11.95	11.98	11.99	13.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	11.91	11.82	12.03	13.50
		MID	QPSK	11.86	11.90	11.72	13.50
		HIGH	QPSK	**12.06**	11.78	11.79	13.50
	36	LOW	QPSK	**12.10**	11.99	11.87	13.50
		MID	QPSK	**12.10**	11.89	12.01	13.50
		HIGH	QPSK	11.93	11.95	11.97	13.50
	75	LOW	QPSK	12.00	11.97	**12.03**	13.50
15	1	LOW	Q16	12.24	11.98	12.17	13.50
		MID	Q16	12.11	12.05	12.05	13.50
		HIGH	Q16	12.01	12.13	12.01	13.50
	36	LOW	Q16	11.88	12.10	12.05	13.50
		MID	Q16	11.99	12.08	11.99	13.50
		HIGH	Q16	11.99	12.10	11.95	13.50
	75	LOW	Q16	12.14	12.08	12.02	13.50
15	1	LOW	64QAM	12.15	12.10	12.14	13.50
		MID	64QAM	12.01	12.06	12.15	13.50
		HIGH	64QAM	12.03	12.19	11.93	13.50
	36	LOW	64QAM	12.00	11.84	12.13	13.50
		MID	64QAM	11.97	12.03	12.10	13.50
		HIGH	64QAM	11.94	11.99	11.98	13.50
	75	LOW	64QAM	12.03	11.93	12.05	13.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	11.92	11.88	12.01	13.50
		MID	QPSK	11.99	11.91	11.85	13.50
		HIGH	QPSK	**12.02**	11.84	11.87	13.50
	50	LOW	QPSK	**12.11**	11.99	11.98	13.50
		MID	QPSK	12.04	11.97	12.01	13.50
		HIGH	QPSK	11.98	12.03	11.98	13.50
	100	LOW	QPSK	**12.05**	11.98	12.02	13.50
20	1	LOW	Q16	12.20	12.05	12.21	13.50
		MID	Q16	12.09	12.06	12.15	13.50
		HIGH	Q16	12.07	12.08	12.09	13.50
	50	LOW	Q16	12.01	12.04	12.13	13.50
		MID	Q16	12.10	12.02	12.04	13.50
		HIGH	Q16	12.01	12.12	11.97	13.50
	100	LOW	Q16	12.10	12.02	12.10	13.50
20	1	LOW	64QAM	12.14	12.15	12.27	13.50
		MID	64QAM	12.14	12.11	12.17	13.50
		HIGH	64QAM	12.10	12.19	12.05	13.50
	50	LOW	64QAM	12.06	11.92	12.22	13.50
		MID	64QAM	12.05	11.99	12.14	13.50
		HIGH	64QAM	11.95	11.97	11.93	13.50
	100	LOW	64QAM	12.08	12.00	12.11	13.50

LTE B7-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	22.76	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	21.88	23.00
	25	LOW	QPSK	21.53	21.53	21.68	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	22.82	22.54	24.00
	25	LOW	QPSK	21.52	21.46	22.10	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	21.85	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	22.91	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	22.03	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	21.88	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 16 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	22.76	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	21.88	23.00
	25	LOW	QPSK	21.53	21.53	21.68	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	22.82	22.54	24.00
	25	LOW	QPSK	21.52	21.46	22.10	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	21.85	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	22.91	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	22.03	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	21.88	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	22.82	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	22.01	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	21.92	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	**22.76**	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	**21.88**	23.00
	25	LOW	QPSK	21.53	21.53	**21.68**	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	**22.82**	22.54	24.00
	25	LOW	QPSK	21.52	21.46	**22.10**	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	**21.85**	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	**22.91**	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	**22.03**	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	**21.88**	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 20 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	**22.76**	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	**21.88**	23.00
	25	LOW	QPSK	21.53	21.53	**21.68**	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	**22.82**	22.54	24.00
	25	LOW	QPSK	21.52	21.46	**22.10**	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	**21.85**	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	**22.91**	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	**22.03**	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	**21.88**	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 11-Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.16	**20.36**	20.34	22.00
		MID	QPSK	20.00	20.26	20.15	22.00
		HIGH	QPSK	20.01	20.18	20.32	22.00
	12	LOW	QPSK	20.17	20.36	**20.46**	22.00
		MID	QPSK	**20.46**	20.18	20.37	22.00
		HIGH	QPSK	20.27	20.24	20.19	22.00
	25	LOW	QPSK	20.38	20.20	**20.52**	22.00
5	1	LOW	Q16	20.53	20.51	20.40	22.00
		MID	Q16	20.36	20.44	20.42	22.00
		HIGH	Q16	20.41	20.43	20.23	22.00
	12	LOW	Q16	20.31	20.15	20.35	22.00
		MID	Q16	20.33	20.36	20.27	22.00
		HIGH	Q16	20.38	20.24	20.44	22.00
	25	LOW	Q16	20.46	20.18	20.29	22.00
5	1	LOW	64QAM	20.45	20.31	20.26	22.00
		MID	64QAM	20.35	20.62	20.49	22.00
		HIGH	64QAM	20.29	20.55	20.30	22.00
	12	LOW	64QAM	19.27	19.24	19.52	21.00
		MID	64QAM	19.18	19.42	19.34	21.00
		HIGH	64QAM	19.32	19.41	19.46	21.00
	25	LOW	64QAM	19.29	19.26	19.23	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.28	20.20	**20.38**	22.00
		MID	QPSK	20.08	20.32	20.17	22.00
		HIGH	QPSK	20.23	20.26	20.28	22.00
	25	LOW	QPSK	20.21	20.20	**20.50**	22.00
		MID	QPSK	20.46	20.26	20.41	22.00
		HIGH	QPSK	20.11	20.16	20.19	22.00
	50	LOW	QPSK	20.20	**20.26**	20.22	22.00
10	1	LOW	Q16	20.68	20.53	20.45	22.00
		MID	Q16	20.46	20.60	20.38	22.00
		HIGH	Q16	20.35	20.41	20.49	22.00
	25	LOW	Q16	20.23	20.37	20.51	22.00
		MID	Q16	20.41	20.40	20.31	22.00
		HIGH	Q16	20.26	20.18	20.18	22.00
	50	LOW	Q16	20.42	20.44	20.41	22.00
10	1	LOW	64QAM	20.69	20.44	20.38	22.00
		MID	64QAM	20.37	20.51	20.43	22.00
		HIGH	64QAM	20.33	20.37	20.32	22.00
	25	LOW	64QAM	19.40	19.11	19.48	21.00
		MID	64QAM	19.22	19.24	19.32	21.00
		HIGH	64QAM	19.27	19.33	19.28	21.00
	50	LOW	64QAM	19.54	19.16	19.43	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.30	20.20	20.14	22.00
		MID	QPSK	20.16	20.06	**20.41**	22.00
		HIGH	QPSK	20.15	20.10	20.38	22.00
	36	LOW	QPSK	20.11	20.08	20.24	22.00
		MID	QPSK	20.28	20.24	20.15	22.00
		HIGH	QPSK	20.11	**20.44**	20.17	22.00
	75	LOW	QPSK	20.22	20.10	**20.36**	22.00
15	1	LOW	Q16	20.53	20.41	20.51	22.00
		MID	Q16	20.32	20.35	20.58	22.00
		HIGH	Q16	20.63	20.37	20.21	22.00
	36	LOW	Q16	20.29	20.33	20.31	22.00
		MID	Q16	20.19	20.16	20.39	22.00
		HIGH	Q16	20.08	20.36	20.28	22.00
	75	LOW	Q16	20.44	20.14	20.51	22.00
15	1	LOW	64QAM	20.63	20.54	20.30	22.00
		MID	64QAM	20.53	20.38	20.61	22.00
		HIGH	64QAM	20.41	20.49	20.20	22.00
	36	LOW	64QAM	19.46	19.36	19.38	21.00
		MID	64QAM	19.13	19.36	19.42	21.00
		HIGH	64QAM	19.46	19.20	19.26	21.00
	75	LOW	64QAM	19.30	19.30	19.39	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.36	20.30	20.28	22.00
		MID	QPSK	20.22	20.28	20.37	22.00
		HIGH	QPSK	20.17	20.16	**20.44**	22.00
	50	LOW	QPSK	20.29	20.28	**20.42**	22.00
		MID	QPSK	20.36	20.34	20.37	22.00
		HIGH	QPSK	20.29	20.36	20.37	22.00
	100	LOW	QPSK	**20.42**	20.30	**20.42**	22.00
20	1	LOW	Q16	20.70	20.47	20.61	22.00
		MID	Q16	20.42	20.58	20.54	22.00
		HIGH	Q16	20.53	20.39	20.39	22.00
	50	LOW	Q16	20.37	20.33	20.41	22.00
		MID	Q16	20.39	20.36	20.45	22.00
		HIGH	Q16	20.30	20.38	20.34	22.00
	100	LOW	Q16	20.46	20.34	20.41	22.00
20	1	LOW	64QAM	20.59	20.54	20.46	22.00
		MID	64QAM	20.43	20.70	20.59	22.00
		HIGH	64QAM	20.41	20.47	20.26	22.00
	50	LOW	64QAM	19.44	19.28	19.52	21.00
		MID	64QAM	19.30	19.32	19.44	21.00
		HIGH	64QAM	19.44	19.39	19.42	21.00
	100	LOW	64QAM	19.48	19.22	19.33	21.00

LTE B7-State 15 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.16	**20.36**	20.34	22.00
		MID	QPSK	20.00	20.26	20.15	22.00
		HIGH	QPSK	20.01	20.18	20.32	22.00
	12	LOW	QPSK	20.17	20.36	**20.46**	22.00
		MID	QPSK	**20.46**	20.18	20.37	22.00
		HIGH	QPSK	20.27	20.24	20.19	22.00
	25	LOW	QPSK	20.38	20.20	**20.52**	22.00
5	1	LOW	Q16	20.53	20.51	20.40	22.00
		MID	Q16	20.36	20.44	20.42	22.00
		HIGH	Q16	20.41	20.43	20.23	22.00
	12	LOW	Q16	20.31	20.15	20.35	22.00
		MID	Q16	20.33	20.36	20.27	22.00
		HIGH	Q16	20.38	20.24	20.44	22.00
	25	LOW	Q16	20.46	20.18	20.29	22.00
5	1	LOW	64QAM	20.45	20.31	20.26	22.00
		MID	64QAM	20.35	20.62	20.49	22.00
		HIGH	64QAM	20.29	20.55	20.30	22.00
	12	LOW	64QAM	19.27	19.24	19.52	21.00
		MID	64QAM	19.18	19.42	19.34	21.00
		HIGH	64QAM	19.32	19.41	19.46	21.00
	25	LOW	64QAM	19.29	19.26	19.23	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.28	20.20	**20.38**	22.00
		MID	QPSK	20.08	20.32	20.17	22.00
		HIGH	QPSK	20.23	20.26	20.28	22.00
	25	LOW	QPSK	20.21	20.20	**20.50**	22.00
		MID	QPSK	20.46	20.26	20.41	22.00
		HIGH	QPSK	20.11	20.16	20.19	22.00
	50	LOW	QPSK	20.20	**20.26**	20.22	22.00
10	1	LOW	Q16	20.68	20.53	20.45	22.00
		MID	Q16	20.46	20.60	20.38	22.00
		HIGH	Q16	20.35	20.41	20.49	22.00
	25	LOW	Q16	20.23	20.37	20.51	22.00
		MID	Q16	20.41	20.40	20.31	22.00
		HIGH	Q16	20.26	20.18	20.18	22.00
	50	LOW	Q16	20.42	20.44	20.41	22.00
10	1	LOW	64QAM	20.69	20.44	20.38	22.00
		MID	64QAM	20.37	20.51	20.43	22.00
		HIGH	64QAM	20.33	20.37	20.32	22.00
	25	LOW	64QAM	19.40	19.11	19.48	21.00
		MID	64QAM	19.22	19.24	19.32	21.00
		HIGH	64QAM	19.27	19.33	19.28	21.00
	50	LOW	64QAM	19.54	19.16	19.43	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.30	20.20	20.14	22.00
		MID	QPSK	20.16	20.06	**20.41**	22.00
		HIGH	QPSK	20.15	20.10	20.38	22.00
	36	LOW	QPSK	20.11	20.08	20.24	22.00
		MID	QPSK	20.28	20.24	20.15	22.00
		HIGH	QPSK	20.11	**20.44**	20.17	22.00
	75	LOW	QPSK	20.22	20.10	**20.36**	22.00
15	1	LOW	Q16	20.53	20.41	20.51	22.00
		MID	Q16	20.32	20.35	20.58	22.00
		HIGH	Q16	20.63	20.37	20.21	22.00
	36	LOW	Q16	20.29	20.33	20.31	22.00
		MID	Q16	20.19	20.16	20.39	22.00
		HIGH	Q16	20.08	20.36	20.28	22.00
	75	LOW	Q16	20.44	20.14	20.51	22.00
15	1	LOW	64QAM	20.63	20.54	20.30	22.00
		MID	64QAM	20.53	20.38	20.61	22.00
		HIGH	64QAM	20.41	20.49	20.20	22.00
	36	LOW	64QAM	19.46	19.36	19.38	21.00
		MID	64QAM	19.13	19.36	19.42	21.00
		HIGH	64QAM	19.46	19.20	19.26	21.00
	75	LOW	64QAM	19.30	19.30	19.39	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.36	20.30	20.28	22.00
		MID	QPSK	20.22	20.28	20.37	22.00
		HIGH	QPSK	20.17	20.16	**20.44**	22.00
	50	LOW	QPSK	20.29	20.28	**20.42**	22.00
		MID	QPSK	20.36	20.34	20.37	22.00
		HIGH	QPSK	20.29	20.36	20.37	22.00
	100	LOW	QPSK	**20.42**	20.30	**20.42**	22.00
20	1	LOW	Q16	20.70	20.47	20.61	22.00
		MID	Q16	20.42	20.58	20.54	22.00
		HIGH	Q16	20.53	20.39	20.39	22.00
	50	LOW	Q16	20.37	20.33	20.41	22.00
		MID	Q16	20.39	20.36	20.45	22.00
		HIGH	Q16	20.30	20.38	20.34	22.00
	100	LOW	Q16	20.46	20.34	20.41	22.00
20	1	LOW	64QAM	20.59	20.54	20.46	22.00
		MID	64QAM	20.43	20.70	20.59	22.00
		HIGH	64QAM	20.41	20.47	20.26	22.00
	50	LOW	64QAM	19.44	19.28	19.52	21.00
		MID	64QAM	19.30	19.32	19.44	21.00
		HIGH	64QAM	19.44	19.39	19.42	21.00
	100	LOW	64QAM	19.48	19.22	19.33	21.00

LTE B7-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.41	19.20	**19.52**	21.00
		MID	QPSK	19.35	19.21	19.18	21.00
		HIGH	QPSK	19.01	19.14	19.26	21.00
	12	LOW	QPSK	19.29	19.26	19.41	21.00
		MID	QPSK	19.19	19.40	19.32	21.00
		HIGH	QPSK	**19.42**	19.30	19.26	21.00
	25	LOW	QPSK	19.25	**19.44**	19.26	21.00
5	1	LOW	Q16	19.66	19.52	19.58	21.00
		MID	Q16	19.30	19.52	19.43	21.00
		HIGH	Q16	19.37	19.51	19.24	21.00
	12	LOW	Q16	19.51	19.46	19.33	21.00
		MID	Q16	19.40	19.23	19.46	21.00
		HIGH	Q16	19.10	19.52	19.33	21.00
	25	LOW	Q16	19.56	19.53	19.42	21.00
5	1	LOW	64QAM	19.58	19.60	19.25	21.00
		MID	64QAM	19.33	19.46	19.53	21.00
		HIGH	64QAM	19.37	19.39	19.35	21.00
	12	LOW	64QAM	19.17	19.24	19.16	21.00
		MID	64QAM	19.30	19.30	19.40	21.00
		HIGH	64QAM	19.16	19.07	19.04	21.00
	25	LOW	64QAM	19.15	19.19	19.38	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.39	**19.56**	21.00
		MID	QPSK	19.17	19.26	19.43	21.00
		HIGH	QPSK	19.03	19.35	19.20	21.00
	25	LOW	QPSK	19.37	19.38	**19.45**	21.00
		MID	QPSK	19.19	19.34	19.34	21.00
		HIGH	QPSK	19.42	19.36	19.19	21.00
	50	LOW	QPSK	19.37	**19.44**	19.21	21.00
10	1	LOW	Q16	19.66	19.56	19.74	21.00
		MID	Q16	19.28	19.68	19.49	21.00
		HIGH	Q16	19.27	19.53	19.22	21.00
	25	LOW	Q16	19.49	19.36	19.55	21.00
		MID	Q16	19.46	19.34	19.36	21.00
		HIGH	Q16	19.29	19.42	19.31	21.00
	50	LOW	Q16	19.27	19.53	19.54	21.00
10	1	LOW	64QAM	19.56	19.32	19.34	21.00
		MID	64QAM	19.45	19.40	19.67	21.00
		HIGH	64QAM	19.16	19.37	19.39	21.00
	25	LOW	64QAM	19.23	19.10	19.41	21.00
		MID	64QAM	19.10	19.15	19.32	21.00
		HIGH	64QAM	19.13	19.26	19.03	21.00
	50	LOW	64QAM	19.07	19.10	19.20	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.27	19.37	19.25	21.00
		MID	QPSK	19.12	19.44	**19.47**	21.00
		HIGH	QPSK	19.24	19.23	19.20	21.00
	36	LOW	QPSK	19.24	19.42	19.27	21.00
		MID	QPSK	19.34	19.42	19.26	21.00
		HIGH	QPSK	19.24	**19.48**	19.44	21.00
	75	LOW	QPSK	19.31	**19.36**	**19.36**	21.00
15	1	LOW	Q16	19.50	19.64	19.56	21.00
		MID	Q16	19.47	19.64	19.47	21.00
		HIGH	Q16	19.53	19.67	19.39	21.00
	36	LOW	Q16	19.51	19.28	19.49	21.00
		MID	Q16	19.42	19.25	19.48	21.00
		HIGH	Q16	19.37	19.52	19.29	21.00
	75	LOW	Q16	19.52	19.53	19.23	21.00
15	1	LOW	64QAM	19.32	19.36	19.54	21.00
		MID	64QAM	19.20	19.54	19.65	21.00
		HIGH	64QAM	19.39	19.45	19.49	21.00
	36	LOW	64QAM	19.13	19.05	19.29	21.00
		MID	64QAM	19.32	19.11	19.17	21.00
		HIGH	64QAM	19.03	19.30	19.05	21.00
	75	LOW	64QAM	19.28	19.27	19.22	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.45	19.41	**19.46**	21.00
		MID	QPSK	19.29	19.36	19.37	21.00
		HIGH	QPSK	19.18	19.31	19.24	21.00
	50	LOW	QPSK	19.41	19.42	**19.45**	21.00
		MID	QPSK	19.40	19.44	19.40	21.00
		HIGH	QPSK	19.34	19.38	19.34	21.00
	100	LOW	QPSK	19.41	**19.42**	19.38	21.00
20	1	LOW	Q16	19.68	19.78	19.66	21.00
		MID	Q16	19.49	19.72	19.57	21.00
		HIGH	Q16	19.45	19.57	19.41	21.00
	50	LOW	Q16	19.43	19.46	19.47	21.00
		MID	Q16	19.42	19.44	19.46	21.00
		HIGH	Q16	19.31	19.46	19.39	21.00
	100	LOW	Q16	19.48	19.45	19.44	21.00
20	1	LOW	64QAM	19.52	19.50	19.46	21.00
		MID	64QAM	19.39	19.48	19.57	21.00
		HIGH	64QAM	19.33	19.49	19.39	21.00
	50	LOW	64QAM	19.13	19.18	19.31	21.00
		MID	64QAM	19.22	19.32	19.36	21.00
		HIGH	64QAM	19.01	19.24	19.13	21.00
	100	LOW	64QAM	19.28	19.31	19.32	21.00

LTE B7-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.41	19.20	**19.52**	21.00
		MID	QPSK	19.35	19.21	19.18	21.00
		HIGH	QPSK	19.01	19.14	19.26	21.00
	12	LOW	QPSK	19.29	19.26	19.41	21.00
		MID	QPSK	19.19	19.40	19.32	21.00
		HIGH	QPSK	**19.42**	19.30	19.26	21.00
	25	LOW	QPSK	19.25	**19.44**	19.26	21.00
5	1	LOW	Q16	19.66	19.52	19.58	21.00
		MID	Q16	19.30	19.52	19.43	21.00
		HIGH	Q16	19.37	19.51	19.24	21.00
	12	LOW	Q16	19.51	19.46	19.33	21.00
		MID	Q16	19.40	19.23	19.46	21.00
		HIGH	Q16	19.10	19.52	19.33	21.00
	25	LOW	Q16	19.56	19.53	19.42	21.00
5	1	LOW	64QAM	19.58	19.60	19.25	21.00
		MID	64QAM	19.33	19.46	19.53	21.00
		HIGH	64QAM	19.37	19.39	19.35	21.00
	12	LOW	64QAM	19.17	19.24	19.16	21.00
		MID	64QAM	19.30	19.30	19.40	21.00
		HIGH	64QAM	19.16	19.07	19.04	21.00
	25	LOW	64QAM	19.15	19.19	19.38	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.39	**19.56**	21.00
		MID	QPSK	19.17	19.26	19.43	21.00
		HIGH	QPSK	19.03	19.35	19.20	21.00
	25	LOW	QPSK	19.37	19.38	**19.45**	21.00
		MID	QPSK	19.19	19.34	19.34	21.00
		HIGH	QPSK	19.42	19.36	19.19	21.00
	50	LOW	QPSK	19.37	**19.44**	19.21	21.00
10	1	LOW	Q16	19.66	19.56	19.74	21.00
		MID	Q16	19.28	19.68	19.49	21.00
		HIGH	Q16	19.27	19.53	19.22	21.00
	25	LOW	Q16	19.49	19.36	19.55	21.00
		MID	Q16	19.46	19.34	19.36	21.00
		HIGH	Q16	19.29	19.42	19.31	21.00
	50	LOW	Q16	19.27	19.53	19.54	21.00
10	1	LOW	64QAM	19.56	19.32	19.34	21.00
		MID	64QAM	19.45	19.40	19.67	21.00
		HIGH	64QAM	19.16	19.37	19.39	21.00
	25	LOW	64QAM	19.23	19.10	19.41	21.00
		MID	64QAM	19.10	19.15	19.32	21.00
		HIGH	64QAM	19.13	19.26	19.03	21.00
	50	LOW	64QAM	19.07	19.10	19.20	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.27	19.37	19.25	21.00
		MID	QPSK	19.12	19.44	**19.47**	21.00
		HIGH	QPSK	19.24	19.23	19.20	21.00
	36	LOW	QPSK	19.24	19.42	19.27	21.00
		MID	QPSK	19.34	19.42	19.26	21.00
		HIGH	QPSK	19.24	**19.48**	19.44	21.00
	75	LOW	QPSK	19.31	**19.36**	**19.36**	21.00
15	1	LOW	Q16	19.50	19.64	19.56	21.00
		MID	Q16	19.47	19.64	19.47	21.00
		HIGH	Q16	19.53	19.67	19.39	21.00
	36	LOW	Q16	19.51	19.28	19.49	21.00
		MID	Q16	19.42	19.25	19.48	21.00
		HIGH	Q16	19.37	19.52	19.29	21.00
	75	LOW	Q16	19.52	19.53	19.23	21.00
15	1	LOW	64QAM	19.32	19.36	19.54	21.00
		MID	64QAM	19.20	19.54	19.65	21.00
		HIGH	64QAM	19.39	19.45	19.49	21.00
	36	LOW	64QAM	19.13	19.05	19.29	21.00
		MID	64QAM	19.32	19.11	19.17	21.00
		HIGH	64QAM	19.03	19.30	19.05	21.00
	75	LOW	64QAM	19.28	19.27	19.22	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.45	19.41	**19.46**	21.00
		MID	QPSK	19.29	19.36	19.37	21.00
		HIGH	QPSK	19.18	19.31	19.24	21.00
	50	LOW	QPSK	19.41	19.42	**19.45**	21.00
		MID	QPSK	19.40	19.44	19.40	21.00
		HIGH	QPSK	19.34	19.38	19.34	21.00
	100	LOW	QPSK	19.41	**19.42**	19.38	21.00
20	1	LOW	Q16	19.68	19.78	19.66	21.00
		MID	Q16	19.49	19.72	19.57	21.00
		HIGH	Q16	19.45	19.57	19.41	21.00
	50	LOW	Q16	19.43	19.46	19.47	21.00
		MID	Q16	19.42	19.44	19.46	21.00
		HIGH	Q16	19.31	19.46	19.39	21.00
	100	LOW	Q16	19.48	19.45	19.44	21.00
20	1	LOW	64QAM	19.52	19.50	19.46	21.00
		MID	64QAM	19.39	19.48	19.57	21.00
		HIGH	64QAM	19.33	19.49	19.39	21.00
	50	LOW	64QAM	19.13	19.18	19.31	21.00
		MID	64QAM	19.22	19.32	19.36	21.00
		HIGH	64QAM	19.01	19.24	19.13	21.00
	100	LOW	64QAM	19.28	19.31	19.32	21.00

LTE B7-State 12 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	22.76	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	21.88	23.00
	25	LOW	QPSK	21.53	21.53	21.68	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	22.82	22.54	24.00
	25	LOW	QPSK	21.52	21.46	22.10	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	21.85	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	22.91	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	22.03	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	21.88	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 16 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	22.76	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	21.88	23.00
	25	LOW	QPSK	21.53	21.53	21.68	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	22.82	22.54	24.00
	25	LOW	QPSK	21.52	21.46	22.10	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	21.85	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	22.91	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	22.03	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	21.88	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	22.82	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	22.01	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	21.92	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 18 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	**22.76**	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	**21.88**	23.00
	25	LOW	QPSK	21.53	21.53	**21.68**	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	**22.82**	22.54	24.00
	25	LOW	QPSK	21.52	21.46	**22.10**	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	**21.85**	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	**22.91**	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	**22.03**	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	**21.88**	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 20 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	22.73	22.70	22.73	24.00
		MID	QPSK	22.61	22.59	**22.76**	24.00
		HIGH	QPSK	22.60	22.64	22.63	24.00
	12	LOW	QPSK	21.65	21.55	21.77	23.00
		MID	QPSK	21.60	21.75	21.83	23.00
		HIGH	QPSK	21.72	21.65	**21.88**	23.00
	25	LOW	QPSK	21.53	21.53	**21.68**	23.00
5	1	LOW	Q16	22.11	22.01	22.13	23.00
		MID	Q16	21.96	22.24	22.27	23.00
		HIGH	Q16	22.10	22.02	21.77	23.00
	12	LOW	Q16	20.69	20.56	20.99	22.00
		MID	Q16	20.52	20.65	20.89	22.00
		HIGH	Q16	20.66	20.75	20.60	22.00
	25	LOW	Q16	20.85	20.61	20.96	22.00
5	1	LOW	64QAM	20.38	20.72	20.87	22.00
		MID	64QAM	20.77	20.89	20.90	22.00
		HIGH	64QAM	20.31	20.54	20.85	22.00
	12	LOW	64QAM	19.91	19.86	19.87	21.00
		MID	64QAM	19.79	19.87	20.11	21.00
		HIGH	64QAM	19.65	19.89	19.62	21.00
	25	LOW	64QAM	19.87	19.75	20.10	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	22.43	22.74	22.57	24.00
		MID	QPSK	22.33	22.75	22.69	24.00
		HIGH	QPSK	22.51	**22.82**	22.54	24.00
	25	LOW	QPSK	21.52	21.46	**22.10**	23.00
		MID	QPSK	21.75	21.62	22.05	23.00
		HIGH	QPSK	21.44	21.41	21.84	23.00
	50	LOW	QPSK	21.60	21.72	**21.85**	23.00
10	1	LOW	Q16	22.28	22.10	22.22	23.00
		MID	Q16	22.12	22.09	21.99	23.00
		HIGH	Q16	21.99	22.22	21.97	23.00
	25	LOW	Q16	20.60	20.49	20.80	22.00
		MID	Q16	20.65	20.75	20.74	22.00
		HIGH	Q16	20.78	20.69	20.83	22.00
	50	LOW	Q16	20.60	20.75	20.79	22.00
10	1	LOW	64QAM	20.36	20.49	20.66	22.00
		MID	64QAM	20.91	20.75	21.01	22.00
		HIGH	64QAM	20.55	20.36	20.58	22.00
	25	LOW	64QAM	19.95	19.80	19.93	21.00
		MID	64QAM	19.73	19.93	20.01	21.00
		HIGH	64QAM	19.59	19.89	19.90	21.00
	50	LOW	64QAM	19.95	19.65	20.02	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	22.45	22.65	**22.91**	24.00
		MID	QPSK	22.61	22.77	22.89	24.00
		HIGH	QPSK	22.67	22.55	22.36	24.00
	36	LOW	QPSK	21.65	21.72	**22.03**	23.00
		MID	QPSK	21.84	21.82	21.96	23.00
		HIGH	QPSK	21.64	21.61	21.93	23.00
	75	LOW	QPSK	21.77	21.72	**21.88**	23.00
15	1	LOW	Q16	22.06	21.84	22.16	23.00
		MID	Q16	22.05	22.22	22.03	23.00
		HIGH	Q16	22.14	22.09	22.01	23.00
	36	LOW	Q16	20.60	20.62	20.99	22.00
		MID	Q16	20.52	20.73	20.72	22.00
		HIGH	Q16	20.76	20.52	20.62	22.00
	75	LOW	Q16	20.71	20.71	20.92	22.00
15	1	LOW	64QAM	20.45	20.80	20.83	22.00
		MID	64QAM	20.77	20.56	21.03	22.00
		HIGH	64QAM	20.37	20.58	20.73	22.00
	36	LOW	64QAM	19.99	19.78	20.09	21.00
		MID	64QAM	19.79	19.73	20.05	21.00
		HIGH	64QAM	19.53	19.59	19.70	21.00
	75	LOW	64QAM	20.03	19.69	20.06	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	22.68	22.63	**22.82**	24.00
		MID	QPSK	22.56	22.68	22.78	24.00
		HIGH	QPSK	22.58	22.73	22.61	24.00
	50	LOW	QPSK	21.69	21.68	**22.01**	23.00
		MID	QPSK	21.73	21.71	21.94	23.00
		HIGH	QPSK	21.66	21.65	21.84	23.00
	100	LOW	QPSK	21.73	21.66	**21.92**	23.00
20	1	LOW	Q16	22.24	22.08	22.29	23.00
		MID	Q16	22.14	22.13	22.23	23.00
		HIGH	Q16	22.10	22.13	22.01	23.00
	50	LOW	Q16	20.75	20.70	20.97	22.00
		MID	Q16	20.75	20.73	20.95	22.00
		HIGH	Q16	20.68	20.71	20.79	22.00
	100	LOW	Q16	20.75	20.71	20.92	22.00
20	1	LOW	64QAM	20.67	20.80	20.91	22.00
		MID	64QAM	20.81	20.79	21.01	22.00
		HIGH	64QAM	20.49	20.48	20.79	22.00
	50	LOW	64QAM	19.97	19.86	20.09	21.00
		MID	64QAM	19.83	19.89	20.13	21.00
		HIGH	64QAM	19.67	19.79	19.80	21.00
	100	LOW	64QAM	19.97	19.85	20.08	21.00

LTE B7-State 11-Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.51	21.70	21.61	22.50
		MID	QPSK	21.75	21.46	**21.81**	22.50
		HIGH	QPSK	21.66	21.76	21.61	22.50
	12	LOW	QPSK	21.51	21.73	21.70	22.50
		MID	QPSK	21.58	21.42	**21.77**	22.50
		HIGH	QPSK	21.73	**21.77**	21.63	22.50
	25	LOW	QPSK	21.33	21.58	**21.82**	22.50
5	1	LOW	Q16	21.75	21.34	21.79	22.50
		MID	Q16	21.41	21.52	21.60	22.50
		HIGH	Q16	21.77	21.74	21.44	22.50
	12	LOW	Q16	20.73	20.50	20.79	22.00
		MID	Q16	20.48	20.64	20.96	22.00
		HIGH	Q16	20.71	20.25	20.65	22.00
	25	LOW	Q16	20.44	20.61	21.04	22.00
5	1	LOW	64QAM	20.49	20.57	20.93	22.00
		MID	64QAM	20.49	20.52	20.87	22.00
		HIGH	64QAM	20.19	20.62	20.58	22.00
	12	LOW	64QAM	19.59	19.90	20.15	21.00
		MID	64QAM	19.59	19.65	20.03	21.00
		HIGH	64QAM	19.43	19.65	19.64	21.00
	25	LOW	64QAM	19.89	19.65	19.94	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.61	21.74	**21.85**	22.50
		MID	QPSK	21.42	21.46	21.70	22.50
		HIGH	QPSK	21.51	21.41	21.59	22.50
	25	LOW	QPSK	21.63	21.45	21.75	22.50
		MID	QPSK	21.75	21.57	**21.77**	22.50
		HIGH	QPSK	21.73	21.69	21.74	22.50
	50	LOW	QPSK	21.37	21.47	**21.91**	22.50
10	1	LOW	Q16	21.47	21.64	21.64	22.50
		MID	Q16	21.41	21.45	21.49	22.50
		HIGH	Q16	21.72	21.69	21.40	22.50
	25	LOW	Q16	20.73	20.48	20.68	22.00
		MID	Q16	20.29	20.56	20.76	22.00
		HIGH	Q16	20.71	20.37	20.51	22.00
	50	LOW	Q16	20.20	20.75	20.94	22.00
10	1	LOW	64QAM	20.17	20.82	20.89	22.00
		MID	64QAM	20.64	20.40	21.03	22.00
		HIGH	64QAM	20.09	20.70	20.66	22.00
	25	LOW	64QAM	19.63	19.84	19.85	21.00
		MID	64QAM	19.65	19.59	19.97	21.00
		HIGH	64QAM	19.61	19.45	19.72	21.00
	50	LOW	64QAM	19.69	19.61	19.90	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.44	**21.81**	21.72	22.50
		MID	QPSK	21.62	21.46	21.61	22.50
		HIGH	QPSK	21.38	21.63	21.65	22.50
	36	LOW	QPSK	21.33	21.47	21.64	22.50
		MID	QPSK	**21.82**	21.50	21.64	22.50
		HIGH	QPSK	21.60	21.69	21.55	22.50
	75	LOW	QPSK	21.37	**21.70**	21.58	22.50
15	1	LOW	Q16	21.70	21.36	21.62	22.50
		MID	Q16	21.65	21.49	21.60	22.50
		HIGH	Q16	21.75	21.41	21.49	22.50
	36	LOW	Q16	20.69	20.66	20.91	22.00
		MID	Q16	20.62	20.56	20.96	22.00
		HIGH	Q16	20.88	20.49	20.44	22.00
	75	LOW	Q16	20.24	20.46	21.06	22.00
15	1	LOW	64QAM	20.41	20.74	20.87	22.00
		MID	64QAM	20.60	20.36	20.78	22.00
		HIGH	64QAM	20.37	20.45	20.64	22.00
	36	LOW	64QAM	19.47	19.98	19.85	21.00
		MID	64QAM	19.59	19.55	19.87	21.00
		HIGH	64QAM	19.49	19.51	19.90	21.00
	75	LOW	64QAM	19.69	19.63	19.74	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.68	21.72	**21.76**	22.50
		MID	QPSK	21.66	21.70	21.74	22.50
		HIGH	QPSK	21.62	21.65	21.65	22.50
	50	LOW	QPSK	21.57	21.62	**21.79**	22.50
		MID	QPSK	21.75	21.59	21.66	22.50
		HIGH	QPSK	21.64	21.73	21.70	22.50
	100	LOW	QPSK	21.52	21.64	**21.82**	22.50
20	1	LOW	Q16	21.66	21.58	21.77	22.50
		MID	Q16	21.54	21.69	21.58	22.50
		HIGH	Q16	21.66	21.65	21.53	22.50
	50	LOW	Q16	20.77	20.62	20.87	22.00
		MID	Q16	20.52	20.54	20.86	22.00
		HIGH	Q16	20.86	20.43	20.63	22.00
	100	LOW	Q16	20.36	20.65	21.00	22.00
20	1	LOW	64QAM	20.39	20.80	20.93	22.00
		MID	64QAM	20.70	20.44	20.93	22.00
		HIGH	64QAM	20.27	20.64	20.56	22.00
	50	LOW	64QAM	19.59	20.02	20.05	21.00
		MID	64QAM	19.69	19.73	20.07	21.00
		HIGH	64QAM	19.51	19.61	19.82	21.00
	100	LOW	64QAM	19.83	19.77	19.96	21.00

LTE B7-State 15 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.41	19.20	**19.52**	21.00
		MID	QPSK	19.35	19.21	19.18	21.00
		HIGH	QPSK	19.01	19.14	19.26	21.00
	12	LOW	QPSK	19.29	19.26	19.41	21.00
		MID	QPSK	19.19	19.40	19.32	21.00
		HIGH	QPSK	**19.42**	19.30	19.26	21.00
	25	LOW	QPSK	19.25	**19.44**	19.26	21.00
5	1	LOW	Q16	19.66	19.52	19.58	21.00
		MID	Q16	19.30	19.52	19.43	21.00
		HIGH	Q16	19.37	19.51	19.24	21.00
	12	LOW	Q16	19.51	19.46	19.33	21.00
		MID	Q16	19.40	19.23	19.46	21.00
		HIGH	Q16	19.10	19.52	19.33	21.00
	25	LOW	Q16	19.56	19.53	19.42	21.00
5	1	LOW	64QAM	19.58	19.60	19.25	21.00
		MID	64QAM	19.33	19.46	19.53	21.00
		HIGH	64QAM	19.37	19.39	19.35	21.00
	12	LOW	64QAM	19.17	19.24	19.16	21.00
		MID	64QAM	19.30	19.30	19.40	21.00
		HIGH	64QAM	19.16	19.07	19.04	21.00
	25	LOW	64QAM	19.15	19.19	19.38	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.39	**19.56**	21.00
		MID	QPSK	19.17	19.26	19.43	21.00
		HIGH	QPSK	19.03	19.35	19.20	21.00
	25	LOW	QPSK	19.37	19.38	**19.45**	21.00
		MID	QPSK	19.19	19.34	19.34	21.00
		HIGH	QPSK	19.42	19.36	19.19	21.00
	50	LOW	QPSK	19.37	**19.44**	19.21	21.00
10	1	LOW	Q16	19.66	19.56	19.74	21.00
		MID	Q16	19.28	19.68	19.49	21.00
		HIGH	Q16	19.27	19.53	19.22	21.00
	25	LOW	Q16	19.49	19.36	19.55	21.00
		MID	Q16	19.46	19.34	19.36	21.00
		HIGH	Q16	19.29	19.42	19.31	21.00
	50	LOW	Q16	19.27	19.53	19.54	21.00
10	1	LOW	64QAM	19.56	19.32	19.34	21.00
		MID	64QAM	19.45	19.40	19.67	21.00
		HIGH	64QAM	19.16	19.37	19.39	21.00
	25	LOW	64QAM	19.23	19.10	19.41	21.00
		MID	64QAM	19.10	19.15	19.32	21.00
		HIGH	64QAM	19.13	19.26	19.03	21.00
	50	LOW	64QAM	19.07	19.10	19.20	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.27	19.37	19.25	21.00
		MID	QPSK	19.12	19.44	**19.47**	21.00
		HIGH	QPSK	19.24	19.23	19.20	21.00
	36	LOW	QPSK	19.24	19.42	19.27	21.00
		MID	QPSK	19.34	19.42	19.26	21.00
		HIGH	QPSK	19.24	**19.48**	19.44	21.00
	75	LOW	QPSK	19.31	**19.36**	**19.36**	21.00
15	1	LOW	Q16	19.50	19.64	19.56	21.00
		MID	Q16	19.47	19.64	19.47	21.00
		HIGH	Q16	19.53	19.67	19.39	21.00
	36	LOW	Q16	19.51	19.28	19.49	21.00
		MID	Q16	19.42	19.25	19.48	21.00
		HIGH	Q16	19.37	19.52	19.29	21.00
	75	LOW	Q16	19.52	19.53	19.23	21.00
15	1	LOW	64QAM	19.32	19.36	19.54	21.00
		MID	64QAM	19.20	19.54	19.65	21.00
		HIGH	64QAM	19.39	19.45	19.49	21.00
	36	LOW	64QAM	19.13	19.05	19.29	21.00
		MID	64QAM	19.32	19.11	19.17	21.00
		HIGH	64QAM	19.03	19.30	19.05	21.00
	75	LOW	64QAM	19.28	19.27	19.22	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.45	19.41	**19.46**	21.00
		MID	QPSK	19.29	19.36	19.37	21.00
		HIGH	QPSK	19.18	19.31	19.24	21.00
	50	LOW	QPSK	19.41	19.42	**19.45**	21.00
		MID	QPSK	19.40	19.44	19.40	21.00
		HIGH	QPSK	19.34	19.38	19.34	21.00
	100	LOW	QPSK	19.41	**19.42**	19.38	21.00
20	1	LOW	Q16	19.68	19.78	19.66	21.00
		MID	Q16	19.49	19.72	19.57	21.00
		HIGH	Q16	19.45	19.57	19.41	21.00
	50	LOW	Q16	19.43	19.46	19.47	21.00
		MID	Q16	19.42	19.44	19.46	21.00
		HIGH	Q16	19.31	19.46	19.39	21.00
	100	LOW	Q16	19.48	19.45	19.44	21.00
20	1	LOW	64QAM	19.52	19.50	19.46	21.00
		MID	64QAM	19.39	19.48	19.57	21.00
		HIGH	64QAM	19.33	19.49	19.39	21.00
	50	LOW	64QAM	19.13	19.18	19.31	21.00
		MID	64QAM	19.22	19.32	19.36	21.00
		HIGH	64QAM	19.01	19.24	19.13	21.00
	100	LOW	64QAM	19.28	19.31	19.32	21.00

LTE B7-State 17 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.41	19.20	**19.52**	21.00
		MID	QPSK	19.35	19.21	19.18	21.00
		HIGH	QPSK	19.01	19.14	19.26	21.00
	12	LOW	QPSK	19.29	19.26	19.41	21.00
		MID	QPSK	19.19	19.40	19.32	21.00
		HIGH	QPSK	**19.42**	19.30	19.26	21.00
	25	LOW	QPSK	19.25	**19.44**	19.26	21.00
5	1	LOW	Q16	19.66	19.52	19.58	21.00
		MID	Q16	19.30	19.52	19.43	21.00
		HIGH	Q16	19.37	19.51	19.24	21.00
	12	LOW	Q16	19.51	19.46	19.33	21.00
		MID	Q16	19.40	19.23	19.46	21.00
		HIGH	Q16	19.10	19.52	19.33	21.00
	25	LOW	Q16	19.56	19.53	19.42	21.00
5	1	LOW	64QAM	19.58	19.60	19.25	21.00
		MID	64QAM	19.33	19.46	19.53	21.00
		HIGH	64QAM	19.37	19.39	19.35	21.00
	12	LOW	64QAM	19.17	19.24	19.16	21.00
		MID	64QAM	19.30	19.30	19.40	21.00
		HIGH	64QAM	19.16	19.07	19.04	21.00
	25	LOW	64QAM	19.15	19.19	19.38	21.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.39	**19.56**	21.00
		MID	QPSK	19.17	19.26	19.43	21.00
		HIGH	QPSK	19.03	19.35	19.20	21.00
	25	LOW	QPSK	19.37	19.38	**19.45**	21.00
		MID	QPSK	19.19	19.34	19.34	21.00
		HIGH	QPSK	19.42	19.36	19.19	21.00
	50	LOW	QPSK	19.37	**19.44**	19.21	21.00
10	1	LOW	Q16	19.66	19.56	19.74	21.00
		MID	Q16	19.28	19.68	19.49	21.00
		HIGH	Q16	19.27	19.53	19.22	21.00
	25	LOW	Q16	19.49	19.36	19.55	21.00
		MID	Q16	19.46	19.34	19.36	21.00
		HIGH	Q16	19.29	19.42	19.31	21.00
	50	LOW	Q16	19.27	19.53	19.54	21.00
10	1	LOW	64QAM	19.56	19.32	19.34	21.00
		MID	64QAM	19.45	19.40	19.67	21.00
		HIGH	64QAM	19.16	19.37	19.39	21.00
	25	LOW	64QAM	19.23	19.10	19.41	21.00
		MID	64QAM	19.10	19.15	19.32	21.00
		HIGH	64QAM	19.13	19.26	19.03	21.00
	50	LOW	64QAM	19.07	19.10	19.20	21.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.27	19.37	19.25	21.00
		MID	QPSK	19.12	19.44	**19.47**	21.00
		HIGH	QPSK	19.24	19.23	19.20	21.00
	36	LOW	QPSK	19.24	19.42	19.27	21.00
		MID	QPSK	19.34	19.42	19.26	21.00
		HIGH	QPSK	19.24	**19.48**	19.44	21.00
	75	LOW	QPSK	19.31	**19.36**	**19.36**	21.00
15	1	LOW	Q16	19.50	19.64	19.56	21.00
		MID	Q16	19.47	19.64	19.47	21.00
		HIGH	Q16	19.53	19.67	19.39	21.00
	36	LOW	Q16	19.51	19.28	19.49	21.00
		MID	Q16	19.42	19.25	19.48	21.00
		HIGH	Q16	19.37	19.52	19.29	21.00
	75	LOW	Q16	19.52	19.53	19.23	21.00
15	1	LOW	64QAM	19.32	19.36	19.54	21.00
		MID	64QAM	19.20	19.54	19.65	21.00
		HIGH	64QAM	19.39	19.45	19.49	21.00
	36	LOW	64QAM	19.13	19.05	19.29	21.00
		MID	64QAM	19.32	19.11	19.17	21.00
		HIGH	64QAM	19.03	19.30	19.05	21.00
	75	LOW	64QAM	19.28	19.27	19.22	21.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	19.45	19.41	**19.46**	21.00
		MID	QPSK	19.29	19.36	19.37	21.00
		HIGH	QPSK	19.18	19.31	19.24	21.00
	50	LOW	QPSK	19.41	19.42	**19.45**	21.00
		MID	QPSK	19.40	19.44	19.40	21.00
		HIGH	QPSK	19.34	19.38	19.34	21.00
	100	LOW	QPSK	19.41	**19.42**	19.38	21.00
20	1	LOW	Q16	19.68	19.78	19.66	21.00
		MID	Q16	19.49	19.72	19.57	21.00
		HIGH	Q16	19.45	19.57	19.41	21.00
	50	LOW	Q16	19.43	19.46	19.47	21.00
		MID	Q16	19.42	19.44	19.46	21.00
		HIGH	Q16	19.31	19.46	19.39	21.00
	100	LOW	Q16	19.48	19.45	19.44	21.00
20	1	LOW	64QAM	19.52	19.50	19.46	21.00
		MID	64QAM	19.39	19.48	19.57	21.00
		HIGH	64QAM	19.33	19.49	19.39	21.00
	50	LOW	64QAM	19.13	19.18	19.31	21.00
		MID	64QAM	19.22	19.32	19.36	21.00
		HIGH	64QAM	19.01	19.24	19.13	21.00
	100	LOW	64QAM	19.28	19.31	19.32	21.00

LTE B7-State 19 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.73	17.95	18.00	19.50
		MID	QPSK	17.76	17.87	**18.01**	19.50
		HIGH	QPSK	17.56	17.95	17.86	19.50
	12	LOW	QPSK	17.68	17.58	17.88	19.50
		MID	QPSK	17.87	17.71	**18.00**	19.50
		HIGH	QPSK	17.83	17.64	17.91	19.50
	25	LOW	QPSK	17.80	17.65	**18.17**	19.50
5	1	LOW	Q16	18.11	17.88	18.13	19.50
		MID	Q16	17.90	17.95	18.21	19.50
		HIGH	Q16	18.03	18.04	17.80	19.50
	12	LOW	Q16	18.02	17.83	18.22	19.50
		MID	Q16	18.32	17.91	18.14	19.50
		HIGH	Q16	18.08	17.97	18.15	19.50
	25	LOW	Q16	17.86	18.14	18.25	19.50
5	1	LOW	64QAM	17.89	17.75	17.97	19.50
		MID	64QAM	17.68	18.33	18.07	19.50
		HIGH	64QAM	17.75	17.93	18.01	19.50
	12	LOW	64QAM	17.98	17.98	18.19	19.50
		MID	64QAM	18.15	17.83	18.12	19.50
		HIGH	64QAM	17.83	18.03	17.95	19.50
	25	LOW	64QAM	17.89	18.00	18.20	19.50
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.69	**18.04**	17.99	19.50
		MID	QPSK	17.74	17.76	18.03	19.50
		HIGH	QPSK	17.67	17.81	17.91	19.50
	25	LOW	QPSK	17.68	17.54	17.86	19.50
		MID	QPSK	17.88	17.70	**17.91**	19.50
		HIGH	QPSK	17.86	17.57	17.89	19.50
	50	LOW	QPSK	17.66	17.85	**17.97**	19.50
10	1	LOW	Q16	18.04	17.92	18.27	19.50
		MID	Q16	17.95	17.94	18.19	19.50
		HIGH	Q16	18.03	17.90	17.82	19.50
	25	LOW	Q16	17.95	17.91	18.03	19.50
		MID	Q16	18.29	18.02	18.12	19.50
		HIGH	Q16	18.10	17.72	18.13	19.50
	50	LOW	Q16	17.77	18.05	18.27	19.50
10	1	LOW	64QAM	18.03	17.66	18.02	19.50
		MID	64QAM	17.82	18.19	18.18	19.50
		HIGH	64QAM	17.80	17.75	17.96	19.50
	25	LOW	64QAM	17.75	17.93	18.03	19.50
		MID	64QAM	18.17	17.72	18.19	19.50
		HIGH	64QAM	17.85	17.82	18.04	19.50
	50	LOW	64QAM	18.04	17.85	18.07	19.50

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.78	18.00	17.99	19.50
		MID	QPSK	17.71	17.78	**18.03**	19.50
		HIGH	QPSK	17.81	17.90	17.80	19.50
	36	LOW	QPSK	17.76	17.54	17.98	19.50
		MID	QPSK	17.88	17.78	17.86	19.50
		HIGH	QPSK	**17.99**	17.66	17.71	19.50
	75	LOW	QPSK	17.57	17.76	**18.14**	19.50
15	1	LOW	Q16	18.20	17.92	18.25	19.50
		MID	Q16	17.97	18.06	18.06	19.50
		HIGH	Q16	18.16	17.97	17.83	19.50
	36	LOW	Q16	17.97	17.85	18.11	19.50
		MID	Q16	18.25	17.86	18.18	19.50
		HIGH	Q16	17.95	17.79	18.05	19.50
	75	LOW	Q16	17.73	17.94	18.32	19.50
15	1	LOW	64QAM	17.94	17.90	17.89	19.50
		MID	64QAM	17.64	18.04	18.03	19.50
		HIGH	64QAM	17.88	17.82	18.21	19.50
	36	LOW	64QAM	17.80	17.85	18.16	19.50
		MID	64QAM	18.30	17.74	18.16	19.50
		HIGH	64QAM	18.01	17.98	17.77	19.50
	75	LOW	64QAM	17.84	18.00	18.17	19.50
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.89	18.00	**18.04**	19.50
		MID	QPSK	17.87	17.89	17.96	19.50
		HIGH	QPSK	17.74	17.99	18.00	19.50
	50	LOW	QPSK	17.80	17.72	**18.02**	19.50
		MID	QPSK	17.92	17.82	18.00	19.50
		HIGH	QPSK	17.99	17.75	17.87	19.50
	100	LOW	QPSK	17.73	17.76	**18.10**	19.50
20	1	LOW	Q16	18.20	18.08	18.20	19.50
		MID	Q16	18.08	17.99	18.17	19.50
		HIGH	Q16	18.16	17.95	17.96	19.50
	50	LOW	Q16	18.15	17.96	18.18	19.50
		MID	Q16	18.27	17.95	18.23	19.50
		HIGH	Q16	18.15	17.92	18.20	19.50
	100	LOW	Q16	17.93	18.12	18.23	19.50
20	1	LOW	64QAM	18.05	17.86	17.93	19.50
		MID	64QAM	17.73	18.24	18.14	19.50
		HIGH	64QAM	17.93	17.95	18.12	19.50
	50	LOW	64QAM	17.91	17.98	18.14	19.50
		MID	64QAM	18.28	17.83	18.23	19.50
		HIGH	64QAM	17.99	17.96	17.97	19.50
	100	LOW	64QAM	18.02	18.05	18.22	19.50

LTE B7-State 12 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	18.17	17.76	19.00
		MID	QPSK	17.92	17.95	17.56	19.00
		HIGH	QPSK	18.04	17.46	17.36	19.00
	12	LOW	QPSK	17.74	17.72	17.75	19.00
		MID	QPSK	17.97	17.42	17.74	19.00
		HIGH	QPSK	17.40	17.37	17.51	19.00
	25	LOW	QPSK	17.71	17.61	17.50	19.00
5	1	LOW	Q16	17.64	17.47	17.71	19.00
		MID	Q16	17.36	17.30	17.38	19.00
		HIGH	Q16	17.25	17.22	17.37	19.00
	12	LOW	Q16	17.88	17.47	17.62	19.00
		MID	Q16	17.81	17.77	17.61	19.00
		HIGH	Q16	17.51	17.24	17.53	19.00
	25	LOW	Q16	17.85	17.65	17.43	19.00
5	1	LOW	64QAM	17.20	17.24	17.63	19.00
		MID	64QAM	17.19	17.32	17.34	19.00
		HIGH	64QAM	17.78	17.55	17.52	19.00
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	18.21	17.85	19.00
		MID	QPSK	17.78	17.82	17.63	19.00
		HIGH	QPSK	17.80	17.67	17.36	19.00
	25	LOW	QPSK	17.57	17.84	17.86	19.00
		MID	QPSK	17.83	17.51	17.56	19.00
		HIGH	QPSK	17.28	17.30	17.64	19.00
	50	LOW	QPSK	17.47	17.54	17.63	19.00
10	1	LOW	Q16	17.40	17.55	17.57	19.00
		MID	Q16	17.36	17.30	17.28	19.00
		HIGH	Q16	17.16	17.25	17.27	19.00
	25	LOW	Q16	17.67	17.52	17.77	19.00
		MID	Q16	17.58	17.65	17.63	19.00
		HIGH	Q16	17.44	17.50	17.50	19.00
	50	LOW	Q16	17.75	17.46	17.41	19.00
10	1	LOW	64QAM	17.24	17.12	17.66	19.00
		MID	64QAM	17.20	17.29	17.32	19.00
		HIGH	64QAM	17.78	17.53	17.70	19.00
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.15	18.01	17.60	19.00
		MID	QPSK	17.80	17.86	17.61	19.00
		HIGH	QPSK	17.98	17.57	17.34	19.00
	36	LOW	QPSK	17.67	17.76	17.67	19.00
		MID	QPSK	17.85	17.74	17.76	19.00
		HIGH	QPSK	17.35	17.34	17.74	19.00
	75	LOW	QPSK	17.56	17.45	17.50	19.00
15	1	LOW	Q16	17.47	17.62	17.45	19.00
		MID	Q16	17.55	17.18	17.25	19.00
		HIGH	Q16	17.28	17.17	17.49	19.00
	36	LOW	Q16	17.76	17.70	17.62	19.00
		MID	Q16	17.71	17.65	17.77	19.00
		HIGH	Q16	17.39	17.46	17.69	19.00
	75	LOW	Q16	17.77	17.63	17.64	19.00
15	1	LOW	64QAM	17.26	17.16	17.50	19.00
		MID	64QAM	17.08	17.20	17.39	19.00
		HIGH	64QAM	17.46	17.50	17.61	19.00
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.06**	17.92	17.64	19.00
		MID	QPSK	17.78	17.84	17.56	19.00
		HIGH	QPSK	17.84	17.53	17.43	19.00
	50	LOW	QPSK	17.53	17.65	17.63	19.00
		MID	QPSK	**17.74**	17.53	17.65	19.00
		HIGH	QPSK	17.37	17.32	17.55	19.00
	100	LOW	QPSK	**17.52**	17.47	17.50	19.00
20	1	LOW	Q16	17.47	17.45	17.48	19.00
		MID	Q16	17.39	17.11	17.35	19.00
		HIGH	Q16	17.18	17.20	17.30	19.00
	50	LOW	Q16	17.65	17.56	17.58	19.00
		MID	Q16	17.67	17.65	17.56	19.00
		HIGH	Q16	17.30	17.34	17.55	19.00
	100	LOW	Q16	17.66	17.44	17.48	19.00
20	1	LOW	64QAM	17.29	17.19	17.59	19.00
		MID	64QAM	17.17	17.27	17.37	19.00
		HIGH	64QAM	17.57	17.43	17.59	19.00
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 16 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	18.17	17.76	18.50
		MID	QPSK	17.92	17.95	17.56	18.50
		HIGH	QPSK	18.04	17.46	17.36	18.50
	12	LOW	QPSK	17.74	17.72	17.75	18.50
		MID	QPSK	17.97	17.42	17.74	18.50
		HIGH	QPSK	17.40	17.37	17.51	18.50
	25	LOW	QPSK	17.71	17.61	17.50	18.50
5	1	LOW	Q16	17.64	17.47	17.71	18.50
		MID	Q16	17.36	17.30	17.38	18.50
		HIGH	Q16	17.25	17.22	17.37	18.50
	12	LOW	Q16	17.88	17.47	17.62	18.50
		MID	Q16	17.81	17.77	17.61	18.50
		HIGH	Q16	17.51	17.24	17.53	18.50
	25	LOW	Q16	17.85	17.65	17.43	18.50
5	1	LOW	64QAM	17.20	17.24	17.63	18.50
		MID	64QAM	17.19	17.32	17.34	18.50
		HIGH	64QAM	17.78	17.55	17.52	18.50
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	18.21	17.85	18.50
		MID	QPSK	17.78	17.82	17.63	18.50
		HIGH	QPSK	17.80	17.67	17.36	18.50
	25	LOW	QPSK	17.57	17.84	17.86	18.50
		MID	QPSK	17.83	17.51	17.56	18.50
		HIGH	QPSK	17.28	17.30	17.64	18.50
	50	LOW	QPSK	17.47	17.54	17.63	18.50
10	1	LOW	Q16	17.40	17.55	17.57	18.50
		MID	Q16	17.36	17.30	17.28	18.50
		HIGH	Q16	17.16	17.25	17.27	18.50
	25	LOW	Q16	17.67	17.52	17.77	18.50
		MID	Q16	17.58	17.65	17.63	18.50
		HIGH	Q16	17.44	17.50	17.50	18.50
	50	LOW	Q16	17.75	17.46	17.41	18.50
10	1	LOW	64QAM	17.24	17.12	17.66	18.50
		MID	64QAM	17.20	17.29	17.32	18.50
		HIGH	64QAM	17.78	17.53	17.70	18.50
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.15	18.01	17.60	18.50
		MID	QPSK	17.80	17.86	17.61	18.50
		HIGH	QPSK	17.98	17.57	17.34	18.50
	36	LOW	QPSK	17.67	17.76	17.67	18.50
		MID	QPSK	17.85	17.74	17.76	18.50
		HIGH	QPSK	17.35	17.34	17.74	18.50
	75	LOW	QPSK	17.56	17.45	17.50	18.50
15	1	LOW	Q16	17.47	17.62	17.45	18.50
		MID	Q16	17.55	17.18	17.25	18.50
		HIGH	Q16	17.28	17.17	17.49	18.50
	36	LOW	Q16	17.76	17.70	17.62	18.50
		MID	Q16	17.71	17.65	17.77	18.50
		HIGH	Q16	17.39	17.46	17.69	18.50
	75	LOW	Q16	17.77	17.63	17.64	18.50
15	1	LOW	64QAM	17.26	17.16	17.50	18.50
		MID	64QAM	17.08	17.20	17.39	18.50
		HIGH	64QAM	17.46	17.50	17.61	18.50
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	18.06	17.92	17.64	18.50
		MID	QPSK	17.78	17.84	17.56	18.50
		HIGH	QPSK	17.84	17.53	17.43	18.50
	50	LOW	QPSK	17.53	17.65	17.63	18.50
		MID	QPSK	17.74	17.53	17.65	18.50
		HIGH	QPSK	17.37	17.32	17.55	18.50
	100	LOW	QPSK	17.52	17.47	17.50	18.50
20	1	LOW	Q16	17.47	17.45	17.48	18.50
		MID	Q16	17.39	17.11	17.35	18.50
		HIGH	Q16	17.18	17.20	17.30	18.50
	50	LOW	Q16	17.65	17.56	17.58	18.50
		MID	Q16	17.67	17.65	17.56	18.50
		HIGH	Q16	17.30	17.34	17.55	18.50
	100	LOW	Q16	17.66	17.44	17.48	18.50
20	1	LOW	64QAM	17.29	17.19	17.59	18.50
		MID	64QAM	17.17	17.27	17.37	18.50
		HIGH	64QAM	17.57	17.43	17.59	18.50
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 18 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.11	**17.37**	17.09	18.00
		MID	QPSK	17.16	17.17	16.96	18.00
		HIGH	QPSK	17.17	16.93	16.86	18.00
	12	LOW	QPSK	17.12	17.20	17.18	18.00
		MID	QPSK	**17.27**	16.86	17.01	18.00
		HIGH	QPSK	16.92	16.82	17.10	18.00
	25	LOW	QPSK	**17.11**	17.05	16.85	18.00
5	1	LOW	Q16	17.11	17.03	17.18	18.00
		MID	Q16	17.14	17.05	17.10	18.00
		HIGH	Q16	16.97	17.15	17.13	18.00
	12	LOW	Q16	17.05	16.94	16.99	18.00
		MID	Q16	17.12	17.03	16.87	18.00
		HIGH	Q16	17.11	16.99	16.97	18.00
	25	LOW	Q16	16.97	16.77	17.00	18.00
5	1	LOW	64QAM	17.08	16.94	17.01	18.00
		MID	64QAM	17.00	16.84	16.83	18.00
		HIGH	64QAM	17.12	16.90	17.14	18.00
	12	LOW	64QAM	16.96	16.67	16.82	18.00
		MID	64QAM	16.80	16.52	16.63	18.00
		HIGH	64QAM	16.38	16.75	16.53	18.00
	25	LOW	64QAM	16.78	16.78	16.42	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.11	17.32	17.00	18.00
		MID	QPSK	17.25	17.27	16.96	18.00
		HIGH	QPSK	**17.43**	17.06	16.86	18.00
	25	LOW	QPSK	17.00	17.20	16.99	18.00
		MID	QPSK	**17.33**	16.88	17.20	18.00
		HIGH	QPSK	16.77	16.74	16.88	18.00
	50	LOW	QPSK	**17.04**	16.85	17.00	18.00
10	1	LOW	Q16	17.06	17.03	17.13	18.00
		MID	Q16	16.95	16.90	17.04	18.00
		HIGH	Q16	17.07	17.08	17.05	18.00
	25	LOW	Q16	17.13	16.99	16.99	18.00
		MID	Q16	16.98	16.96	17.06	18.00
		HIGH	Q16	17.06	16.89	17.08	18.00
	50	LOW	Q16	16.99	16.89	17.05	18.00
10	1	LOW	64QAM	17.08	16.88	17.11	18.00
		MID	64QAM	17.07	17.12	16.87	18.00
		HIGH	64QAM	17.14	16.98	16.95	18.00
	25	LOW	64QAM	17.01	16.55	16.78	18.00
		MID	64QAM	16.84	16.44	16.83	18.00
		HIGH	64QAM	16.30	16.57	16.53	18.00
	50	LOW	64QAM	16.73	16.79	16.65	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.06	**17.37**	17.19	18.00
		MID	QPSK	17.28	17.34	17.11	18.00
		HIGH	QPSK	17.22	16.98	17.01	18.00
	36	LOW	QPSK	16.96	17.03	17.10	18.00
		MID	QPSK	**17.22**	16.89	17.20	18.00
		HIGH	QPSK	16.90	16.79	17.07	18.00
	75	LOW	QPSK	16.85	17.02	**17.03**	18.00
15	1	LOW	Q16	17.20	17.13	17.14	18.00
		MID	Q16	16.90	16.95	17.01	18.00
		HIGH	Q16	17.12	17.04	17.11	18.00
	36	LOW	Q16	17.08	17.08	17.03	18.00
		MID	Q16	17.08	17.17	16.91	18.00
		HIGH	Q16	17.01	16.91	17.02	18.00
	75	LOW	Q16	17.13	16.86	16.91	18.00
15	1	LOW	64QAM	17.16	16.96	17.03	18.00
		MID	64QAM	16.96	16.98	16.90	18.00
		HIGH	64QAM	17.10	16.79	17.12	18.00
	36	LOW	64QAM	16.97	16.69	16.87	18.00
		MID	64QAM	16.74	16.56	16.82	18.00
		HIGH	64QAM	16.34	16.53	16.42	18.00
	75	LOW	64QAM	16.68	16.76	16.48	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.33	**17.37**	17.16	18.00
		MID	QPSK	17.36	17.32	17.24	18.00
		HIGH	QPSK	17.32	17.21	17.08	18.00
	50	LOW	QPSK	17.10	17.10	17.08	18.00
		MID	QPSK	**17.33**	16.84	17.24	18.00
		HIGH	QPSK	16.80	16.69	16.95	18.00
	100	LOW	QPSK	**17.00**	16.85	16.98	18.00
20	1	LOW	Q16	17.25	16.94	17.14	18.00
		MID	Q16	16.97	17.07	17.10	18.00
		HIGH	Q16	17.16	17.06	17.22	18.00
	50	LOW	Q16	16.98	17.13	17.03	18.00
		MID	Q16	17.05	17.15	16.96	18.00
		HIGH	Q16	16.96	16.82	17.02	18.00
	100	LOW	Q16	17.25	16.89	17.05	18.00
20	1	LOW	64QAM	16.99	17.03	16.99	18.00
		MID	64QAM	17.10	17.05	16.92	18.00
		HIGH	64QAM	16.90	16.76	16.97	18.00
	50	LOW	64QAM	16.84	16.62	16.88	18.00
		MID	64QAM	16.70	16.41	16.58	18.00
		HIGH	64QAM	16.43	16.65	16.53	18.00
	100	LOW	64QAM	16.63	16.74	16.68	18.00

LTE B7-State 20 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	**18.17**	17.76	18.50
		MID	QPSK	17.92	17.95	17.56	18.50
		HIGH	QPSK	18.04	17.46	17.36	18.50
	12	LOW	QPSK	17.74	17.72	17.75	18.50
		MID	QPSK	**17.97**	17.42	17.74	18.50
		HIGH	QPSK	17.40	17.37	17.51	18.50
	25	LOW	QPSK	**17.71**	17.61	17.50	18.50
5	1	LOW	Q16	17.64	17.47	17.71	18.50
		MID	Q16	17.36	17.30	17.38	18.50
		HIGH	Q16	17.25	17.22	17.37	18.50
	12	LOW	Q16	17.88	17.47	17.62	18.50
		MID	Q16	17.81	17.77	17.61	18.50
		HIGH	Q16	17.51	17.24	17.53	18.50
	25	LOW	Q16	17.85	17.65	17.43	18.50
5	1	LOW	64QAM	17.20	17.24	17.63	18.50
		MID	64QAM	17.19	17.32	17.34	18.50
		HIGH	64QAM	17.78	17.55	17.52	18.50
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	**18.21**	17.85	18.50
		MID	QPSK	17.78	17.82	17.63	18.50
		HIGH	QPSK	17.80	17.67	17.36	18.50
	25	LOW	QPSK	17.57	17.84	**17.86**	18.50
		MID	QPSK	17.83	17.51	17.56	18.50
		HIGH	QPSK	17.28	17.30	17.64	18.50
	50	LOW	QPSK	17.47	17.54	**17.63**	18.50
10	1	LOW	Q16	17.40	17.55	17.57	18.50
		MID	Q16	17.36	17.30	17.28	18.50
		HIGH	Q16	17.16	17.25	17.27	18.50
	25	LOW	Q16	17.67	17.52	17.77	18.50
		MID	Q16	17.58	17.65	17.63	18.50
		HIGH	Q16	17.44	17.50	17.50	18.50
	50	LOW	Q16	17.75	17.46	17.41	18.50
10	1	LOW	64QAM	17.24	17.12	17.66	18.50
		MID	64QAM	17.20	17.29	17.32	18.50
		HIGH	64QAM	17.78	17.53	17.70	18.50
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**18.15**	18.01	17.60	18.50
		MID	QPSK	17.80	17.86	17.61	18.50
		HIGH	QPSK	17.98	17.57	17.34	18.50
	36	LOW	QPSK	17.67	17.76	17.67	18.50
		MID	QPSK	**17.85**	17.74	17.76	18.50
		HIGH	QPSK	17.35	17.34	17.74	18.50
	75	LOW	QPSK	**17.56**	17.45	17.50	18.50
15	1	LOW	Q16	17.47	17.62	17.45	18.50
		MID	Q16	17.55	17.18	17.25	18.50
		HIGH	Q16	17.28	17.17	17.49	18.50
	36	LOW	Q16	17.76	17.70	17.62	18.50
		MID	Q16	17.71	17.65	17.77	18.50
		HIGH	Q16	17.39	17.46	17.69	18.50
	75	LOW	Q16	17.77	17.63	17.64	18.50
15	1	LOW	64QAM	17.26	17.16	17.50	18.50
		MID	64QAM	17.08	17.20	17.39	18.50
		HIGH	64QAM	17.46	17.50	17.61	18.50
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.06**	17.92	17.64	18.50
		MID	QPSK	17.78	17.84	17.56	18.50
		HIGH	QPSK	17.84	17.53	17.43	18.50
	50	LOW	QPSK	17.53	17.65	17.63	18.50
		MID	QPSK	**17.74**	17.53	17.65	18.50
		HIGH	QPSK	17.37	17.32	17.55	18.50
	100	LOW	QPSK	**17.52**	17.47	17.50	18.50
20	1	LOW	Q16	17.47	17.45	17.48	18.50
		MID	Q16	17.39	17.11	17.35	18.50
		HIGH	Q16	17.18	17.20	17.30	18.50
	50	LOW	Q16	17.65	17.56	17.58	18.50
		MID	Q16	17.67	17.65	17.56	18.50
		HIGH	Q16	17.30	17.34	17.55	18.50
	100	LOW	Q16	17.66	17.44	17.48	18.50
20	1	LOW	64QAM	17.29	17.19	17.59	18.50
		MID	64QAM	17.17	17.27	17.37	18.50
		HIGH	64QAM	17.57	17.43	17.59	18.50
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 11-Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	**18.17**	17.76	19.00
		MID	QPSK	17.92	17.95	17.56	19.00
		HIGH	QPSK	18.04	17.46	17.36	19.00
	12	LOW	QPSK	17.74	17.72	17.75	19.00
		MID	QPSK	**17.97**	17.42	17.74	19.00
		HIGH	QPSK	17.40	17.37	17.51	19.00
	25	LOW	QPSK	**17.71**	17.61	17.50	19.00
5	1	LOW	Q16	17.64	17.47	17.71	19.00
		MID	Q16	17.36	17.30	17.38	19.00
		HIGH	Q16	17.25	17.22	17.37	19.00
	12	LOW	Q16	17.88	17.47	17.62	19.00
		MID	Q16	17.81	17.77	17.61	19.00
		HIGH	Q16	17.51	17.24	17.53	19.00
	25	LOW	Q16	17.85	17.65	17.43	19.00
5	1	LOW	64QAM	17.20	17.24	17.63	19.00
		MID	64QAM	17.19	17.32	17.34	19.00
		HIGH	64QAM	17.78	17.55	17.52	19.00
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	**18.21**	17.85	19.00
		MID	QPSK	17.78	17.82	17.63	19.00
		HIGH	QPSK	17.80	17.67	17.36	19.00
	25	LOW	QPSK	17.57	17.84	**17.86**	19.00
		MID	QPSK	17.83	17.51	17.56	19.00
		HIGH	QPSK	17.28	17.30	17.64	19.00
	50	LOW	QPSK	17.47	17.54	**17.63**	19.00
10	1	LOW	Q16	17.40	17.55	17.57	19.00
		MID	Q16	17.36	17.30	17.28	19.00
		HIGH	Q16	17.16	17.25	17.27	19.00
	25	LOW	Q16	17.67	17.52	17.77	19.00
		MID	Q16	17.58	17.65	17.63	19.00
		HIGH	Q16	17.44	17.50	17.50	19.00
	50	LOW	Q16	17.75	17.46	17.41	19.00
10	1	LOW	64QAM	17.24	17.12	17.66	19.00
		MID	64QAM	17.20	17.29	17.32	19.00
		HIGH	64QAM	17.78	17.53	17.70	19.00
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**18.15**	18.01	17.60	19.00
		MID	QPSK	17.80	17.86	17.61	19.00
		HIGH	QPSK	17.98	17.57	17.34	19.00
	36	LOW	QPSK	17.67	17.76	17.67	19.00
		MID	QPSK	**17.85**	17.74	17.76	19.00
		HIGH	QPSK	17.35	17.34	17.74	19.00
	75	LOW	QPSK	**17.56**	17.45	17.50	19.00
15	1	LOW	Q16	17.47	17.62	17.45	19.00
		MID	Q16	17.55	17.18	17.25	19.00
		HIGH	Q16	17.28	17.17	17.49	19.00
	36	LOW	Q16	17.76	17.70	17.62	19.00
		MID	Q16	17.71	17.65	17.77	19.00
		HIGH	Q16	17.39	17.46	17.69	19.00
	75	LOW	Q16	17.77	17.63	17.64	19.00
15	1	LOW	64QAM	17.26	17.16	17.50	19.00
		MID	64QAM	17.08	17.20	17.39	19.00
		HIGH	64QAM	17.46	17.50	17.61	19.00
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.06**	17.92	17.64	19.00
		MID	QPSK	17.78	17.84	17.56	19.00
		HIGH	QPSK	17.84	17.53	17.43	19.00
	50	LOW	QPSK	17.53	17.65	17.63	19.00
		MID	QPSK	**17.74**	17.53	17.65	19.00
		HIGH	QPSK	17.37	17.32	17.55	19.00
	100	LOW	QPSK	**17.52**	17.47	17.50	19.00
20	1	LOW	Q16	17.47	17.45	17.48	19.00
		MID	Q16	17.39	17.11	17.35	19.00
		HIGH	Q16	17.18	17.20	17.30	19.00
	50	LOW	Q16	17.65	17.56	17.58	19.00
		MID	Q16	17.67	17.65	17.56	19.00
		HIGH	Q16	17.30	17.34	17.55	19.00
	100	LOW	Q16	17.66	17.44	17.48	19.00
20	1	LOW	64QAM	17.29	17.19	17.59	19.00
		MID	64QAM	17.17	17.27	17.37	19.00
		HIGH	64QAM	17.57	17.43	17.59	19.00
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 15 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	**18.17**	17.76	18.50
		MID	QPSK	17.92	17.95	17.56	18.50
		HIGH	QPSK	18.04	17.46	17.36	18.50
	12	LOW	QPSK	17.74	17.72	17.75	18.50
		MID	QPSK	**17.97**	17.42	17.74	18.50
		HIGH	QPSK	17.40	17.37	17.51	18.50
	25	LOW	QPSK	**17.71**	17.61	17.50	18.50
5	1	LOW	Q16	17.64	17.47	17.71	18.50
		MID	Q16	17.36	17.30	17.38	18.50
		HIGH	Q16	17.25	17.22	17.37	18.50
	12	LOW	Q16	17.88	17.47	17.62	18.50
		MID	Q16	17.81	17.77	17.61	18.50
		HIGH	Q16	17.51	17.24	17.53	18.50
	25	LOW	Q16	17.85	17.65	17.43	18.50
5	1	LOW	64QAM	17.20	17.24	17.63	18.50
		MID	64QAM	17.19	17.32	17.34	18.50
		HIGH	64QAM	17.78	17.55	17.52	18.50
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	**18.21**	17.85	18.50
		MID	QPSK	17.78	17.82	17.63	18.50
		HIGH	QPSK	17.80	17.67	17.36	18.50
	25	LOW	QPSK	17.57	17.84	**17.86**	18.50
		MID	QPSK	17.83	17.51	17.56	18.50
		HIGH	QPSK	17.28	17.30	17.64	18.50
	50	LOW	QPSK	17.47	17.54	**17.63**	18.50
10	1	LOW	Q16	17.40	17.55	17.57	18.50
		MID	Q16	17.36	17.30	17.28	18.50
		HIGH	Q16	17.16	17.25	17.27	18.50
	25	LOW	Q16	17.67	17.52	17.77	18.50
		MID	Q16	17.58	17.65	17.63	18.50
		HIGH	Q16	17.44	17.50	17.50	18.50
	50	LOW	Q16	17.75	17.46	17.41	18.50
10	1	LOW	64QAM	17.24	17.12	17.66	18.50
		MID	64QAM	17.20	17.29	17.32	18.50
		HIGH	64QAM	17.78	17.53	17.70	18.50
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**18.15**	18.01	17.60	18.50
		MID	QPSK	17.80	17.86	17.61	18.50
		HIGH	QPSK	17.98	17.57	17.34	18.50
	36	LOW	QPSK	17.67	17.76	17.67	18.50
		MID	QPSK	**17.85**	17.74	17.76	18.50
		HIGH	QPSK	17.35	17.34	17.74	18.50
	75	LOW	QPSK	**17.56**	17.45	17.50	18.50
15	1	LOW	Q16	17.47	17.62	17.45	18.50
		MID	Q16	17.55	17.18	17.25	18.50
		HIGH	Q16	17.28	17.17	17.49	18.50
	36	LOW	Q16	17.76	17.70	17.62	18.50
		MID	Q16	17.71	17.65	17.77	18.50
		HIGH	Q16	17.39	17.46	17.69	18.50
	75	LOW	Q16	17.77	17.63	17.64	18.50
15	1	LOW	64QAM	17.26	17.16	17.50	18.50
		MID	64QAM	17.08	17.20	17.39	18.50
		HIGH	64QAM	17.46	17.50	17.61	18.50
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.06**	17.92	17.64	18.50
		MID	QPSK	17.78	17.84	17.56	18.50
		HIGH	QPSK	17.84	17.53	17.43	18.50
	50	LOW	QPSK	17.53	17.65	17.63	18.50
		MID	QPSK	**17.74**	17.53	17.65	18.50
		HIGH	QPSK	17.37	17.32	17.55	18.50
	100	LOW	QPSK	**17.52**	17.47	17.50	18.50
20	1	LOW	Q16	17.47	17.45	17.48	18.50
		MID	Q16	17.39	17.11	17.35	18.50
		HIGH	Q16	17.18	17.20	17.30	18.50
	50	LOW	Q16	17.65	17.56	17.58	18.50
		MID	Q16	17.67	17.65	17.56	18.50
		HIGH	Q16	17.30	17.34	17.55	18.50
	100	LOW	Q16	17.66	17.44	17.48	18.50
20	1	LOW	64QAM	17.29	17.19	17.59	18.50
		MID	64QAM	17.17	17.27	17.37	18.50
		HIGH	64QAM	17.57	17.43	17.59	18.50
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 17 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.11	**17.37**	17.09	18.00
		MID	QPSK	17.16	17.17	16.96	18.00
		HIGH	QPSK	17.17	16.93	16.86	18.00
	12	LOW	QPSK	17.12	17.20	17.18	18.00
		MID	QPSK	**17.27**	16.86	17.01	18.00
		HIGH	QPSK	16.92	16.82	17.10	18.00
	25	LOW	QPSK	**17.11**	17.05	16.85	18.00
5	1	LOW	Q16	17.11	17.03	17.18	18.00
		MID	Q16	17.14	17.05	17.10	18.00
		HIGH	Q16	16.97	17.15	17.13	18.00
	12	LOW	Q16	17.05	16.94	16.99	18.00
		MID	Q16	17.12	17.03	16.87	18.00
		HIGH	Q16	17.11	16.99	16.97	18.00
	25	LOW	Q16	16.97	16.77	17.00	18.00
5	1	LOW	64QAM	17.08	16.94	17.01	18.00
		MID	64QAM	17.00	16.84	16.83	18.00
		HIGH	64QAM	17.12	16.90	17.14	18.00
	12	LOW	64QAM	16.96	16.67	16.82	18.00
		MID	64QAM	16.80	16.52	16.63	18.00
		HIGH	64QAM	16.38	16.75	16.53	18.00
	25	LOW	64QAM	16.78	16.78	16.42	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.11	17.32	17.00	18.00
		MID	QPSK	17.25	17.27	16.96	18.00
		HIGH	QPSK	**17.43**	17.06	16.86	18.00
	25	LOW	QPSK	17.00	17.20	16.99	18.00
		MID	QPSK	**17.33**	16.88	17.20	18.00
		HIGH	QPSK	16.77	16.74	16.88	18.00
	50	LOW	QPSK	**17.04**	16.85	17.00	18.00
10	1	LOW	Q16	17.06	17.03	17.13	18.00
		MID	Q16	16.95	16.90	17.04	18.00
		HIGH	Q16	17.07	17.08	17.05	18.00
	25	LOW	Q16	17.13	16.99	16.99	18.00
		MID	Q16	16.98	16.96	17.06	18.00
		HIGH	Q16	17.06	16.89	17.08	18.00
	50	LOW	Q16	16.99	16.89	17.05	18.00
10	1	LOW	64QAM	17.08	16.88	17.11	18.00
		MID	64QAM	17.07	17.12	16.87	18.00
		HIGH	64QAM	17.14	16.98	16.95	18.00
	25	LOW	64QAM	17.01	16.55	16.78	18.00
		MID	64QAM	16.84	16.44	16.83	18.00
		HIGH	64QAM	16.30	16.57	16.53	18.00
	50	LOW	64QAM	16.73	16.79	16.65	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.06	**17.37**	17.19	18.00
		MID	QPSK	17.28	17.34	17.11	18.00
		HIGH	QPSK	17.22	16.98	17.01	18.00
	36	LOW	QPSK	16.96	17.03	17.10	18.00
		MID	QPSK	**17.22**	16.89	17.20	18.00
		HIGH	QPSK	16.90	16.79	17.07	18.00
	75	LOW	QPSK	16.85	17.02	**17.03**	18.00
15	1	LOW	Q16	17.20	17.13	17.14	18.00
		MID	Q16	16.90	16.95	17.01	18.00
		HIGH	Q16	17.12	17.04	17.11	18.00
	36	LOW	Q16	17.08	17.08	17.03	18.00
		MID	Q16	17.08	17.17	16.91	18.00
		HIGH	Q16	17.01	16.91	17.02	18.00
	75	LOW	Q16	17.13	16.86	16.91	18.00
15	1	LOW	64QAM	17.16	16.96	17.03	18.00
		MID	64QAM	16.96	16.98	16.90	18.00
		HIGH	64QAM	17.10	16.79	17.12	18.00
	36	LOW	64QAM	16.97	16.69	16.87	18.00
		MID	64QAM	16.74	16.56	16.82	18.00
		HIGH	64QAM	16.34	16.53	16.42	18.00
	75	LOW	64QAM	16.68	16.76	16.48	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.33	**17.37**	17.16	18.00
		MID	QPSK	17.36	17.32	17.24	18.00
		HIGH	QPSK	17.32	17.21	17.08	18.00
	50	LOW	QPSK	17.10	17.10	17.08	18.00
		MID	QPSK	**17.33**	16.84	17.24	18.00
		HIGH	QPSK	16.80	16.69	16.95	18.00
	100	LOW	QPSK	**17.00**	16.85	16.98	18.00
20	1	LOW	Q16	17.25	16.94	17.14	18.00
		MID	Q16	16.97	17.07	17.10	18.00
		HIGH	Q16	17.16	17.06	17.22	18.00
	50	LOW	Q16	16.98	17.13	17.03	18.00
		MID	Q16	17.05	17.15	16.96	18.00
		HIGH	Q16	16.96	16.82	17.02	18.00
	100	LOW	Q16	17.25	16.89	17.05	18.00
20	1	LOW	64QAM	16.99	17.03	16.99	18.00
		MID	64QAM	17.10	17.05	16.92	18.00
		HIGH	64QAM	16.90	16.76	16.97	18.00
	50	LOW	64QAM	16.84	16.62	16.88	18.00
		MID	64QAM	16.70	16.41	16.58	18.00
		HIGH	64QAM	16.43	16.65	16.53	18.00
	100	LOW	64QAM	16.63	16.74	16.68	18.00

LTE B7-State 19 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.10	**18.17**	17.76	18.50
		MID	QPSK	17.92	17.95	17.56	18.50
		HIGH	QPSK	18.04	17.46	17.36	18.50
	12	LOW	QPSK	17.74	17.72	17.75	18.50
		MID	QPSK	**17.97**	17.42	17.74	18.50
		HIGH	QPSK	17.40	17.37	17.51	18.50
	25	LOW	QPSK	**17.71**	17.61	17.50	18.50
5	1	LOW	Q16	17.64	17.47	17.71	18.50
		MID	Q16	17.36	17.30	17.38	18.50
		HIGH	Q16	17.25	17.22	17.37	18.50
	12	LOW	Q16	17.88	17.47	17.62	18.50
		MID	Q16	17.81	17.77	17.61	18.50
		HIGH	Q16	17.51	17.24	17.53	18.50
	25	LOW	Q16	17.85	17.65	17.43	18.50
5	1	LOW	64QAM	17.20	17.24	17.63	18.50
		MID	64QAM	17.19	17.32	17.34	18.50
		HIGH	64QAM	17.78	17.55	17.52	18.50
	12	LOW	64QAM	16.89	16.59	17.02	18.00
		MID	64QAM	16.69	16.74	16.88	18.00
		HIGH	64QAM	16.56	16.62	16.45	18.00
	25	LOW	64QAM	16.77	16.91	16.75	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.95	**18.21**	17.85	18.50
		MID	QPSK	17.78	17.82	17.63	18.50
		HIGH	QPSK	17.80	17.67	17.36	18.50
	25	LOW	QPSK	17.57	17.84	**17.86**	18.50
		MID	QPSK	17.83	17.51	17.56	18.50
		HIGH	QPSK	17.28	17.30	17.64	18.50
	50	LOW	QPSK	17.47	17.54	**17.63**	18.50
10	1	LOW	Q16	17.40	17.55	17.57	18.50
		MID	Q16	17.36	17.30	17.28	18.50
		HIGH	Q16	17.16	17.25	17.27	18.50
	25	LOW	Q16	17.67	17.52	17.77	18.50
		MID	Q16	17.58	17.65	17.63	18.50
		HIGH	Q16	17.44	17.50	17.50	18.50
	50	LOW	Q16	17.75	17.46	17.41	18.50
10	1	LOW	64QAM	17.24	17.12	17.66	18.50
		MID	64QAM	17.20	17.29	17.32	18.50
		HIGH	64QAM	17.78	17.53	17.70	18.50
	25	LOW	64QAM	17.16	16.67	16.85	18.00
		MID	64QAM	16.74	16.44	16.73	18.00
		HIGH	64QAM	16.67	16.83	16.60	18.00
	50	LOW	64QAM	16.75	16.68	16.52	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	**18.15**	18.01	17.60	18.50
		MID	QPSK	17.80	17.86	17.61	18.50
		HIGH	QPSK	17.98	17.57	17.34	18.50
	36	LOW	QPSK	17.67	17.76	17.67	18.50
		MID	QPSK	**17.85**	17.74	17.76	18.50
		HIGH	QPSK	17.35	17.34	17.74	18.50
	75	LOW	QPSK	**17.56**	17.45	17.50	18.50
15	1	LOW	Q16	17.47	17.62	17.45	18.50
		MID	Q16	17.55	17.18	17.25	18.50
		HIGH	Q16	17.28	17.17	17.49	18.50
	36	LOW	Q16	17.76	17.70	17.62	18.50
		MID	Q16	17.71	17.65	17.77	18.50
		HIGH	Q16	17.39	17.46	17.69	18.50
	75	LOW	Q16	17.77	17.63	17.64	18.50
15	1	LOW	64QAM	17.26	17.16	17.50	18.50
		MID	64QAM	17.08	17.20	17.39	18.50
		HIGH	64QAM	17.46	17.50	17.61	18.50
	36	LOW	64QAM	17.13	16.59	16.82	18.00
		MID	64QAM	16.90	16.71	16.85	18.00
		HIGH	64QAM	16.48	16.83	16.48	18.00
	75	LOW	64QAM	16.87	16.86	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.06**	17.92	17.64	18.50
		MID	QPSK	17.78	17.84	17.56	18.50
		HIGH	QPSK	17.84	17.53	17.43	18.50
	50	LOW	QPSK	17.53	17.65	17.63	18.50
		MID	QPSK	**17.74**	17.53	17.65	18.50
		HIGH	QPSK	17.37	17.32	17.55	18.50
	100	LOW	QPSK	**17.52**	17.47	17.50	18.50
20	1	LOW	Q16	17.47	17.45	17.48	18.50
		MID	Q16	17.39	17.11	17.35	18.50
		HIGH	Q16	17.18	17.20	17.30	18.50
	50	LOW	Q16	17.65	17.56	17.58	18.50
		MID	Q16	17.67	17.65	17.56	18.50
		HIGH	Q16	17.30	17.34	17.55	18.50
	100	LOW	Q16	17.66	17.44	17.48	18.50
20	1	LOW	64QAM	17.29	17.19	17.59	18.50
		MID	64QAM	17.17	17.27	17.37	18.50
		HIGH	64QAM	17.57	17.43	17.59	18.50
	50	LOW	64QAM	16.94	16.67	16.85	18.00
		MID	64QAM	16.77	16.54	16.75	18.00
		HIGH	64QAM	16.46	16.70	16.50	18.00
	100	LOW	64QAM	16.70	16.71	16.60	18.00

LTE B7-State 12 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.89	17.74	17.53	19.00
		MID	QPSK	17.67	17.70	17.63	19.00
		HIGH	QPSK	17.75	17.35	17.46	19.00
	12	LOW	QPSK	17.48	17.72	17.63	19.00
		MID	QPSK	17.67	17.34	17.70	19.00
		HIGH	QPSK	17.20	17.30	17.57	19.00
	25	LOW	QPSK	17.38	17.28	17.40	19.00
5	1	LOW	Q16	17.33	17.50	17.41	19.00
		MID	Q16	17.46	17.02	17.32	19.00
		HIGH	Q16	17.25	17.23	17.16	19.00
	12	LOW	Q16	17.60	17.42	17.67	19.00
		MID	Q16	17.72	17.58	17.42	19.00
		HIGH	Q16	17.23	17.37	17.44	19.00
	25	LOW	Q16	17.61	17.25	17.31	19.00
5	1	LOW	64QAM	17.15	17.02	17.68	19.00
		MID	64QAM	17.10	17.15	17.25	19.00
		HIGH	64QAM	17.39	17.48	17.57	19.00
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.90	17.72	17.59	19.00
		MID	QPSK	17.74	17.88	17.47	19.00
		HIGH	QPSK	17.64	17.51	17.27	19.00
	25	LOW	QPSK	17.60	17.67	17.65	19.00
		MID	QPSK	17.62	17.35	17.61	19.00
		HIGH	QPSK	17.42	17.37	17.59	19.00
	50	LOW	QPSK	17.50	17.56	17.33	19.00
10	1	LOW	Q16	17.54	17.54	17.48	19.00
		MID	Q16	17.30	17.09	17.25	19.00
		HIGH	Q16	17.03	17.17	17.37	19.00
	25	LOW	Q16	17.53	17.44	17.39	19.00
		MID	Q16	17.65	17.67	17.65	19.00
		HIGH	Q16	17.37	17.17	17.46	19.00
	50	LOW	Q16	17.59	17.44	17.46	19.00
10	1	LOW	64QAM	17.24	17.17	17.45	19.00
		MID	64QAM	17.24	17.36	17.28	19.00
		HIGH	64QAM	17.48	17.40	17.54	19.00
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	17.97	17.46	19.00
		MID	QPSK	17.74	17.77	17.45	19.00
		HIGH	QPSK	17.73	17.44	17.24	19.00
	36	LOW	QPSK	17.48	17.63	17.52	19.00
		MID	QPSK	17.56	17.57	17.58	19.00
		HIGH	QPSK	17.28	17.29	17.36	19.00
	75	LOW	QPSK	17.45	17.44	17.55	19.00
15	1	LOW	Q16	17.50	17.40	17.50	19.00
		MID	Q16	17.20	17.24	17.38	19.00
		HIGH	Q16	17.20	17.10	17.21	19.00
	36	LOW	Q16	17.56	17.52	17.42	19.00
		MID	Q16	17.53	17.72	17.37	19.00
		HIGH	Q16	17.35	17.37	17.51	19.00
	75	LOW	Q16	17.48	17.39	17.41	19.00
15	1	LOW	64QAM	17.27	17.19	17.40	19.00
		MID	64QAM	17.08	17.36	17.21	19.00
		HIGH	64QAM	17.57	17.50	17.52	19.00
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	19.00
		MID	QPSK	17.76	17.79	17.37	19.00
		HIGH	QPSK	17.93	17.35	17.50	19.00
	50	LOW	QPSK	17.41	17.56	17.52	19.00
		MID	QPSK	**17.70**	17.46	17.67	19.00
		HIGH	QPSK	17.23	17.18	17.64	19.00
	100	LOW	QPSK	**17.52**	17.35	17.38	19.00
20	1	LOW	Q16	17.35	17.38	17.46	19.00
		MID	Q16	17.27	17.01	17.23	19.00
		HIGH	Q16	17.25	17.20	17.28	19.00
	50	LOW	Q16	17.47	17.56	17.44	19.00
		MID	Q16	17.72	17.53	17.42	19.00
		HIGH	Q16	17.33	17.18	17.43	19.00
	100	LOW	Q16	17.75	17.37	17.41	19.00
20	1	LOW	64QAM	17.27	17.10	17.61	19.00
		MID	64QAM	17.08	17.36	17.28	19.00
		HIGH	64QAM	17.57	17.36	17.52	19.00
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 16 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.89	17.74	17.53	18.50
		MID	QPSK	17.67	17.70	17.63	18.50
		HIGH	QPSK	17.75	17.35	17.46	18.50
	12	LOW	QPSK	17.48	17.72	17.63	18.50
		MID	QPSK	17.67	17.34	17.70	18.50
		HIGH	QPSK	17.20	17.30	17.57	18.50
	25	LOW	QPSK	17.38	17.28	17.40	18.50
5	1	LOW	Q16	17.33	17.50	17.41	18.50
		MID	Q16	17.46	17.02	17.32	18.50
		HIGH	Q16	17.25	17.23	17.16	18.50
	12	LOW	Q16	17.60	17.42	17.67	18.50
		MID	Q16	17.72	17.58	17.42	18.50
		HIGH	Q16	17.23	17.37	17.44	18.50
	25	LOW	Q16	17.61	17.25	17.31	18.50
5	1	LOW	64QAM	17.15	17.02	17.68	18.50
		MID	64QAM	17.10	17.15	17.25	18.50
		HIGH	64QAM	17.39	17.48	17.57	18.50
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.90	17.72	17.59	18.50
		MID	QPSK	17.74	17.88	17.47	18.50
		HIGH	QPSK	17.64	17.51	17.27	18.50
	25	LOW	QPSK	17.60	17.67	17.65	18.50
		MID	QPSK	17.62	17.35	17.61	18.50
		HIGH	QPSK	17.42	17.37	17.59	18.50
	50	LOW	QPSK	17.50	17.56	17.33	18.50
10	1	LOW	Q16	17.54	17.54	17.48	18.50
		MID	Q16	17.30	17.09	17.25	18.50
		HIGH	Q16	17.03	17.17	17.37	18.50
	25	LOW	Q16	17.53	17.44	17.39	18.50
		MID	Q16	17.65	17.67	17.65	18.50
		HIGH	Q16	17.37	17.17	17.46	18.50
	50	LOW	Q16	17.59	17.44	17.46	18.50
10	1	LOW	64QAM	17.24	17.17	17.45	18.50
		MID	64QAM	17.24	17.36	17.28	18.50
		HIGH	64QAM	17.48	17.40	17.54	18.50
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	17.97	17.46	18.50
		MID	QPSK	17.74	17.77	17.45	18.50
		HIGH	QPSK	17.73	17.44	17.24	18.50
	36	LOW	QPSK	17.48	17.63	17.52	18.50
		MID	QPSK	17.56	17.57	17.58	18.50
		HIGH	QPSK	17.28	17.29	17.36	18.50
	75	LOW	QPSK	17.45	17.44	17.55	18.50
15	1	LOW	Q16	17.50	17.40	17.50	18.50
		MID	Q16	17.20	17.24	17.38	18.50
		HIGH	Q16	17.20	17.10	17.21	18.50
	36	LOW	Q16	17.56	17.52	17.42	18.50
		MID	Q16	17.53	17.72	17.37	18.50
		HIGH	Q16	17.35	17.37	17.51	18.50
	75	LOW	Q16	17.48	17.39	17.41	18.50
15	1	LOW	64QAM	17.27	17.19	17.40	18.50
		MID	64QAM	17.08	17.36	17.21	18.50
		HIGH	64QAM	17.57	17.50	17.52	18.50
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.95	17.92	17.73	18.50
		MID	QPSK	17.76	17.79	17.37	18.50
		HIGH	QPSK	17.93	17.35	17.50	18.50
	50	LOW	QPSK	17.41	17.56	17.52	18.50
		MID	QPSK	17.70	17.46	17.67	18.50
		HIGH	QPSK	17.23	17.18	17.64	18.50
	100	LOW	QPSK	17.52	17.35	17.38	18.50
20	1	LOW	Q16	17.35	17.38	17.46	18.50
		MID	Q16	17.27	17.01	17.23	18.50
		HIGH	Q16	17.25	17.20	17.28	18.50
	50	LOW	Q16	17.47	17.56	17.44	18.50
		MID	Q16	17.72	17.53	17.42	18.50
		HIGH	Q16	17.33	17.18	17.43	18.50
	100	LOW	Q16	17.75	17.37	17.41	18.50
20	1	LOW	64QAM	17.27	17.10	17.61	18.50
		MID	64QAM	17.08	17.36	17.28	18.50
		HIGH	64QAM	17.57	17.36	17.52	18.50
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 18 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**17.89**	17.74	17.53	18.00
		MID	QPSK	17.67	17.70	17.63	18.00
		HIGH	QPSK	17.75	17.35	17.46	18.00
	12	LOW	QPSK	17.48	**17.72**	17.63	18.00
		MID	QPSK	17.67	17.34	17.70	18.00
		HIGH	QPSK	17.20	17.30	17.57	18.00
	25	LOW	QPSK	17.38	17.28	**17.40**	18.00
5	1	LOW	Q16	17.33	17.50	17.41	18.00
		MID	Q16	17.46	17.02	17.32	18.00
		HIGH	Q16	17.25	17.23	17.16	18.00
	12	LOW	Q16	17.60	17.42	17.67	18.00
		MID	Q16	17.72	17.58	17.42	18.00
		HIGH	Q16	17.23	17.37	17.44	18.00
	25	LOW	Q16	17.61	17.25	17.31	18.00
5	1	LOW	64QAM	17.15	17.02	17.68	18.00
		MID	64QAM	17.10	17.15	17.25	18.00
		HIGH	64QAM	17.39	17.48	17.57	18.00
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**17.90**	17.72	17.59	18.00
		MID	QPSK	17.74	17.88	17.47	18.00
		HIGH	QPSK	17.64	17.51	17.27	18.00
	25	LOW	QPSK	17.60	**17.67**	17.65	18.00
		MID	QPSK	17.62	17.35	17.61	18.00
		HIGH	QPSK	17.42	17.37	17.59	18.00
	50	LOW	QPSK	17.50	**17.56**	17.33	18.00
10	1	LOW	Q16	17.54	17.54	17.48	18.00
		MID	Q16	17.30	17.09	17.25	18.00
		HIGH	Q16	17.03	17.17	17.37	18.00
	25	LOW	Q16	17.53	17.44	17.39	18.00
		MID	Q16	17.65	17.67	17.65	18.00
		HIGH	Q16	17.37	17.17	17.46	18.00
	50	LOW	Q16	17.59	17.44	17.46	18.00
10	1	LOW	64QAM	17.24	17.17	17.45	18.00
		MID	64QAM	17.24	17.36	17.28	18.00
		HIGH	64QAM	17.48	17.40	17.54	18.00
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	**17.97**	17.46	18.00
		MID	QPSK	17.74	17.77	17.45	18.00
		HIGH	QPSK	17.73	17.44	17.24	18.00
	36	LOW	QPSK	17.48	**17.63**	17.52	18.00
		MID	QPSK	17.56	17.57	17.58	18.00
		HIGH	QPSK	17.28	17.29	17.36	18.00
	75	LOW	QPSK	17.45	17.44	**17.55**	18.00
15	1	LOW	Q16	17.50	17.40	17.50	18.00
		MID	Q16	17.20	17.24	17.38	18.00
		HIGH	Q16	17.20	17.10	17.21	18.00
	36	LOW	Q16	17.56	17.52	17.42	18.00
		MID	Q16	17.53	17.72	17.37	18.00
		HIGH	Q16	17.35	17.37	17.51	18.00
	75	LOW	Q16	17.48	17.39	17.41	18.00
15	1	LOW	64QAM	17.27	17.19	17.40	18.00
		MID	64QAM	17.08	17.36	17.21	18.00
		HIGH	64QAM	17.57	17.50	17.52	18.00
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	18.00
		MID	QPSK	17.76	**17.79**	17.37	18.00
		HIGH	QPSK	17.93	17.35	17.50	18.00
	50	LOW	QPSK	17.41	17.56	17.52	18.00
		MID	QPSK	**17.70**	17.46	17.67	18.00
		HIGH	QPSK	17.23	17.18	17.64	18.00
	100	LOW	QPSK	**17.52**	17.35	17.38	18.00
20	1	LOW	Q16	17.35	17.38	17.46	18.00
		MID	Q16	17.27	17.01	17.23	18.00
		HIGH	Q16	17.25	17.20	17.28	18.00
	50	LOW	Q16	17.47	17.56	17.44	18.00
		MID	Q16	17.72	17.53	17.42	18.00
		HIGH	Q16	17.33	17.18	17.43	18.00
	100	LOW	Q16	17.75	17.37	17.41	18.00
20	1	LOW	64QAM	17.27	17.10	17.61	18.00
		MID	64QAM	17.08	17.36	17.28	18.00
		HIGH	64QAM	17.57	17.36	17.52	18.00
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 20 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**17.89**	17.74	17.53	18.50
		MID	QPSK	17.67	17.70	17.63	18.50
		HIGH	QPSK	17.75	17.35	17.46	18.50
	12	LOW	QPSK	17.48	**17.72**	17.63	18.50
		MID	QPSK	17.67	17.34	17.70	18.50
		HIGH	QPSK	17.20	17.30	17.57	18.50
	25	LOW	QPSK	17.38	17.28	**17.40**	18.50
5	1	LOW	Q16	17.33	17.50	17.41	18.50
		MID	Q16	17.46	17.02	17.32	18.50
		HIGH	Q16	17.25	17.23	17.16	18.50
	12	LOW	Q16	17.60	17.42	17.67	18.50
		MID	Q16	17.72	17.58	17.42	18.50
		HIGH	Q16	17.23	17.37	17.44	18.50
	25	LOW	Q16	17.61	17.25	17.31	18.50
5	1	LOW	64QAM	17.15	17.02	17.68	18.50
		MID	64QAM	17.10	17.15	17.25	18.50
		HIGH	64QAM	17.39	17.48	17.57	18.50
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**17.90**	17.72	17.59	18.50
		MID	QPSK	17.74	17.88	17.47	18.50
		HIGH	QPSK	17.64	17.51	17.27	18.50
	25	LOW	QPSK	17.60	**17.67**	17.65	18.50
		MID	QPSK	17.62	17.35	17.61	18.50
		HIGH	QPSK	17.42	17.37	17.59	18.50
	50	LOW	QPSK	17.50	**17.56**	17.33	18.50
10	1	LOW	Q16	17.54	17.54	17.48	18.50
		MID	Q16	17.30	17.09	17.25	18.50
		HIGH	Q16	17.03	17.17	17.37	18.50
	25	LOW	Q16	17.53	17.44	17.39	18.50
		MID	Q16	17.65	17.67	17.65	18.50
		HIGH	Q16	17.37	17.17	17.46	18.50
	50	LOW	Q16	17.59	17.44	17.46	18.50
10	1	LOW	64QAM	17.24	17.17	17.45	18.50
		MID	64QAM	17.24	17.36	17.28	18.50
		HIGH	64QAM	17.48	17.40	17.54	18.50
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	**17.97**	17.46	18.50
		MID	QPSK	17.74	17.77	17.45	18.50
		HIGH	QPSK	17.73	17.44	17.24	18.50
	36	LOW	QPSK	17.48	**17.63**	17.52	18.50
		MID	QPSK	17.56	17.57	17.58	18.50
		HIGH	QPSK	17.28	17.29	17.36	18.50
	75	LOW	QPSK	17.45	17.44	**17.55**	18.50
15	1	LOW	Q16	17.50	17.40	17.50	18.50
		MID	Q16	17.20	17.24	17.38	18.50
		HIGH	Q16	17.20	17.10	17.21	18.50
	36	LOW	Q16	17.56	17.52	17.42	18.50
		MID	Q16	17.53	17.72	17.37	18.50
		HIGH	Q16	17.35	17.37	17.51	18.50
	75	LOW	Q16	17.48	17.39	17.41	18.50
15	1	LOW	64QAM	17.27	17.19	17.40	18.50
		MID	64QAM	17.08	17.36	17.21	18.50
		HIGH	64QAM	17.57	17.50	17.52	18.50
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	18.50
		MID	QPSK	17.76	17.79	17.37	18.50
		HIGH	QPSK	17.93	17.35	17.50	18.50
	50	LOW	QPSK	17.41	17.56	17.52	18.50
		MID	QPSK	**17.70**	17.46	17.67	18.50
		HIGH	QPSK	17.23	17.18	17.64	18.50
	100	LOW	QPSK	**17.52**	17.35	17.38	18.50
20	1	LOW	Q16	17.35	17.38	17.46	18.50
		MID	Q16	17.27	17.01	17.23	18.50
		HIGH	Q16	17.25	17.20	17.28	18.50
	50	LOW	Q16	17.47	17.56	17.44	18.50
		MID	Q16	17.72	17.53	17.42	18.50
		HIGH	Q16	17.33	17.18	17.43	18.50
	100	LOW	Q16	17.75	17.37	17.41	18.50
20	1	LOW	64QAM	17.27	17.10	17.61	18.50
		MID	64QAM	17.08	17.36	17.28	18.50
		HIGH	64QAM	17.57	17.36	17.52	18.50
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 11-Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.89	17.74	17.53	19.00
		MID	QPSK	17.67	17.70	17.63	19.00
		HIGH	QPSK	17.75	17.35	17.46	19.00
	12	LOW	QPSK	17.48	17.72	17.63	19.00
		MID	QPSK	17.67	17.34	17.70	19.00
		HIGH	QPSK	17.20	17.30	17.57	19.00
	25	LOW	QPSK	17.38	17.28	17.40	19.00
5	1	LOW	Q16	17.33	17.50	17.41	19.00
		MID	Q16	17.46	17.02	17.32	19.00
		HIGH	Q16	17.25	17.23	17.16	19.00
	12	LOW	Q16	17.60	17.42	17.67	19.00
		MID	Q16	17.72	17.58	17.42	19.00
		HIGH	Q16	17.23	17.37	17.44	19.00
	25	LOW	Q16	17.61	17.25	17.31	19.00
5	1	LOW	64QAM	17.15	17.02	17.68	19.00
		MID	64QAM	17.10	17.15	17.25	19.00
		HIGH	64QAM	17.39	17.48	17.57	19.00
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.90	17.72	17.59	19.00
		MID	QPSK	17.74	17.88	17.47	19.00
		HIGH	QPSK	17.64	17.51	17.27	19.00
	25	LOW	QPSK	17.60	17.67	17.65	19.00
		MID	QPSK	17.62	17.35	17.61	19.00
		HIGH	QPSK	17.42	17.37	17.59	19.00
	50	LOW	QPSK	17.50	17.56	17.33	19.00
10	1	LOW	Q16	17.54	17.54	17.48	19.00
		MID	Q16	17.30	17.09	17.25	19.00
		HIGH	Q16	17.03	17.17	17.37	19.00
	25	LOW	Q16	17.53	17.44	17.39	19.00
		MID	Q16	17.65	17.67	17.65	19.00
		HIGH	Q16	17.37	17.17	17.46	19.00
	50	LOW	Q16	17.59	17.44	17.46	19.00
10	1	LOW	64QAM	17.24	17.17	17.45	19.00
		MID	64QAM	17.24	17.36	17.28	19.00
		HIGH	64QAM	17.48	17.40	17.54	19.00
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	17.97	17.46	19.00
		MID	QPSK	17.74	17.77	17.45	19.00
		HIGH	QPSK	17.73	17.44	17.24	19.00
	36	LOW	QPSK	17.48	17.63	17.52	19.00
		MID	QPSK	17.56	17.57	17.58	19.00
		HIGH	QPSK	17.28	17.29	17.36	19.00
	75	LOW	QPSK	17.45	17.44	17.55	19.00
15	1	LOW	Q16	17.50	17.40	17.50	19.00
		MID	Q16	17.20	17.24	17.38	19.00
		HIGH	Q16	17.20	17.10	17.21	19.00
	36	LOW	Q16	17.56	17.52	17.42	19.00
		MID	Q16	17.53	17.72	17.37	19.00
		HIGH	Q16	17.35	17.37	17.51	19.00
	75	LOW	Q16	17.48	17.39	17.41	19.00
15	1	LOW	64QAM	17.27	17.19	17.40	19.00
		MID	64QAM	17.08	17.36	17.21	19.00
		HIGH	64QAM	17.57	17.50	17.52	19.00
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	19.00
		MID	QPSK	17.76	17.79	17.37	19.00
		HIGH	QPSK	17.93	17.35	17.50	19.00
	50	LOW	QPSK	17.41	17.56	17.52	19.00
		MID	QPSK	**17.70**	17.46	17.67	19.00
		HIGH	QPSK	17.23	17.18	17.64	19.00
	100	LOW	QPSK	**17.52**	17.35	17.38	19.00
20	1	LOW	Q16	17.35	17.38	17.46	19.00
		MID	Q16	17.27	17.01	17.23	19.00
		HIGH	Q16	17.25	17.20	17.28	19.00
	50	LOW	Q16	17.47	17.56	17.44	19.00
		MID	Q16	17.72	17.53	17.42	19.00
		HIGH	Q16	17.33	17.18	17.43	19.00
	100	LOW	Q16	17.75	17.37	17.41	19.00
20	1	LOW	64QAM	17.27	17.10	17.61	19.00
		MID	64QAM	17.08	17.36	17.28	19.00
		HIGH	64QAM	17.57	17.36	17.52	19.00
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 15 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.89	17.74	17.53	18.50
		MID	QPSK	17.67	17.70	17.63	18.50
		HIGH	QPSK	17.75	17.35	17.46	18.50
	12	LOW	QPSK	17.48	17.72	17.63	18.50
		MID	QPSK	17.67	17.34	17.70	18.50
		HIGH	QPSK	17.20	17.30	17.57	18.50
	25	LOW	QPSK	17.38	17.28	17.40	18.50
5	1	LOW	Q16	17.33	17.50	17.41	18.50
		MID	Q16	17.46	17.02	17.32	18.50
		HIGH	Q16	17.25	17.23	17.16	18.50
	12	LOW	Q16	17.60	17.42	17.67	18.50
		MID	Q16	17.72	17.58	17.42	18.50
		HIGH	Q16	17.23	17.37	17.44	18.50
	25	LOW	Q16	17.61	17.25	17.31	18.50
5	1	LOW	64QAM	17.15	17.02	17.68	18.50
		MID	64QAM	17.10	17.15	17.25	18.50
		HIGH	64QAM	17.39	17.48	17.57	18.50
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.90	17.72	17.59	18.50
		MID	QPSK	17.74	17.88	17.47	18.50
		HIGH	QPSK	17.64	17.51	17.27	18.50
	25	LOW	QPSK	17.60	17.67	17.65	18.50
		MID	QPSK	17.62	17.35	17.61	18.50
		HIGH	QPSK	17.42	17.37	17.59	18.50
	50	LOW	QPSK	17.50	17.56	17.33	18.50
10	1	LOW	Q16	17.54	17.54	17.48	18.50
		MID	Q16	17.30	17.09	17.25	18.50
		HIGH	Q16	17.03	17.17	17.37	18.50
	25	LOW	Q16	17.53	17.44	17.39	18.50
		MID	Q16	17.65	17.67	17.65	18.50
		HIGH	Q16	17.37	17.17	17.46	18.50
	50	LOW	Q16	17.59	17.44	17.46	18.50
10	1	LOW	64QAM	17.24	17.17	17.45	18.50
		MID	64QAM	17.24	17.36	17.28	18.50
		HIGH	64QAM	17.48	17.40	17.54	18.50
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	17.97	17.46	18.50
		MID	QPSK	17.74	17.77	17.45	18.50
		HIGH	QPSK	17.73	17.44	17.24	18.50
	36	LOW	QPSK	17.48	17.63	17.52	18.50
		MID	QPSK	17.56	17.57	17.58	18.50
		HIGH	QPSK	17.28	17.29	17.36	18.50
	75	LOW	QPSK	17.45	17.44	17.55	18.50
15	1	LOW	Q16	17.50	17.40	17.50	18.50
		MID	Q16	17.20	17.24	17.38	18.50
		HIGH	Q16	17.20	17.10	17.21	18.50
	36	LOW	Q16	17.56	17.52	17.42	18.50
		MID	Q16	17.53	17.72	17.37	18.50
		HIGH	Q16	17.35	17.37	17.51	18.50
	75	LOW	Q16	17.48	17.39	17.41	18.50
15	1	LOW	64QAM	17.27	17.19	17.40	18.50
		MID	64QAM	17.08	17.36	17.21	18.50
		HIGH	64QAM	17.57	17.50	17.52	18.50
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.95	17.92	17.73	18.50
		MID	QPSK	17.76	17.79	17.37	18.50
		HIGH	QPSK	17.93	17.35	17.50	18.50
	50	LOW	QPSK	17.41	17.56	17.52	18.50
		MID	QPSK	17.70	17.46	17.67	18.50
		HIGH	QPSK	17.23	17.18	17.64	18.50
	100	LOW	QPSK	17.52	17.35	17.38	18.50
20	1	LOW	Q16	17.35	17.38	17.46	18.50
		MID	Q16	17.27	17.01	17.23	18.50
		HIGH	Q16	17.25	17.20	17.28	18.50
	50	LOW	Q16	17.47	17.56	17.44	18.50
		MID	Q16	17.72	17.53	17.42	18.50
		HIGH	Q16	17.33	17.18	17.43	18.50
	100	LOW	Q16	17.75	17.37	17.41	18.50
20	1	LOW	64QAM	17.27	17.10	17.61	18.50
		MID	64QAM	17.08	17.36	17.28	18.50
		HIGH	64QAM	17.57	17.36	17.52	18.50
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 17 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**17.89**	17.74	17.53	18.00
		MID	QPSK	17.67	17.70	17.63	18.00
		HIGH	QPSK	17.75	17.35	17.46	18.00
	12	LOW	QPSK	17.48	**17.72**	17.63	18.00
		MID	QPSK	17.67	17.34	17.70	18.00
		HIGH	QPSK	17.20	17.30	17.57	18.00
	25	LOW	QPSK	17.38	17.28	**17.40**	18.00
5	1	LOW	Q16	17.33	17.50	17.41	18.00
		MID	Q16	17.46	17.02	17.32	18.00
		HIGH	Q16	17.25	17.23	17.16	18.00
	12	LOW	Q16	17.60	17.42	17.67	18.00
		MID	Q16	17.72	17.58	17.42	18.00
		HIGH	Q16	17.23	17.37	17.44	18.00
	25	LOW	Q16	17.61	17.25	17.31	18.00
5	1	LOW	64QAM	17.15	17.02	17.68	18.00
		MID	64QAM	17.10	17.15	17.25	18.00
		HIGH	64QAM	17.39	17.48	17.57	18.00
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**17.90**	17.72	17.59	18.00
		MID	QPSK	17.74	17.88	17.47	18.00
		HIGH	QPSK	17.64	17.51	17.27	18.00
	25	LOW	QPSK	17.60	**17.67**	17.65	18.00
		MID	QPSK	17.62	17.35	17.61	18.00
		HIGH	QPSK	17.42	17.37	17.59	18.00
	50	LOW	QPSK	17.50	**17.56**	17.33	18.00
10	1	LOW	Q16	17.54	17.54	17.48	18.00
		MID	Q16	17.30	17.09	17.25	18.00
		HIGH	Q16	17.03	17.17	17.37	18.00
	25	LOW	Q16	17.53	17.44	17.39	18.00
		MID	Q16	17.65	17.67	17.65	18.00
		HIGH	Q16	17.37	17.17	17.46	18.00
	50	LOW	Q16	17.59	17.44	17.46	18.00
10	1	LOW	64QAM	17.24	17.17	17.45	18.00
		MID	64QAM	17.24	17.36	17.28	18.00
		HIGH	64QAM	17.48	17.40	17.54	18.00
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	**17.97**	17.46	18.00
		MID	QPSK	17.74	17.77	17.45	18.00
		HIGH	QPSK	17.73	17.44	17.24	18.00
	36	LOW	QPSK	17.48	**17.63**	17.52	18.00
		MID	QPSK	17.56	17.57	17.58	18.00
		HIGH	QPSK	17.28	17.29	17.36	18.00
	75	LOW	QPSK	17.45	17.44	**17.55**	18.00
15	1	LOW	Q16	17.50	17.40	17.50	18.00
		MID	Q16	17.20	17.24	17.38	18.00
		HIGH	Q16	17.20	17.10	17.21	18.00
	36	LOW	Q16	17.56	17.52	17.42	18.00
		MID	Q16	17.53	17.72	17.37	18.00
		HIGH	Q16	17.35	17.37	17.51	18.00
	75	LOW	Q16	17.48	17.39	17.41	18.00
15	1	LOW	64QAM	17.27	17.19	17.40	18.00
		MID	64QAM	17.08	17.36	17.21	18.00
		HIGH	64QAM	17.57	17.50	17.52	18.00
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	18.00
		MID	QPSK	17.76	**17.79**	17.37	18.00
		HIGH	QPSK	17.93	17.35	17.50	18.00
	50	LOW	QPSK	17.41	17.56	17.52	18.00
		MID	QPSK	**17.70**	17.46	17.67	18.00
		HIGH	QPSK	17.23	17.18	17.64	18.00
	100	LOW	QPSK	**17.52**	17.35	17.38	18.00
20	1	LOW	Q16	17.35	17.38	17.46	18.00
		MID	Q16	17.27	17.01	17.23	18.00
		HIGH	Q16	17.25	17.20	17.28	18.00
	50	LOW	Q16	17.47	17.56	17.44	18.00
		MID	Q16	17.72	17.53	17.42	18.00
		HIGH	Q16	17.33	17.18	17.43	18.00
	100	LOW	Q16	17.75	17.37	17.41	18.00
20	1	LOW	64QAM	17.27	17.10	17.61	18.00
		MID	64QAM	17.08	17.36	17.28	18.00
		HIGH	64QAM	17.57	17.36	17.52	18.00
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

LTE B7-State 19 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	**17.89**	17.74	17.53	18.50
		MID	QPSK	17.67	17.70	17.63	18.50
		HIGH	QPSK	17.75	17.35	17.46	18.50
	12	LOW	QPSK	17.48	**17.72**	17.63	18.50
		MID	QPSK	17.67	17.34	17.70	18.50
		HIGH	QPSK	17.20	17.30	17.57	18.50
	25	LOW	QPSK	17.38	17.28	**17.40**	18.50
5	1	LOW	Q16	17.33	17.50	17.41	18.50
		MID	Q16	17.46	17.02	17.32	18.50
		HIGH	Q16	17.25	17.23	17.16	18.50
	12	LOW	Q16	17.60	17.42	17.67	18.50
		MID	Q16	17.72	17.58	17.42	18.50
		HIGH	Q16	17.23	17.37	17.44	18.50
	25	LOW	Q16	17.61	17.25	17.31	18.50
5	1	LOW	64QAM	17.15	17.02	17.68	18.50
		MID	64QAM	17.10	17.15	17.25	18.50
		HIGH	64QAM	17.39	17.48	17.57	18.50
	12	LOW	64QAM	16.82	16.64	16.92	18.00
		MID	64QAM	16.60	16.59	16.68	18.00
		HIGH	64QAM	16.28	16.52	16.58	18.00
	25	LOW	64QAM	16.57	16.54	16.57	18.00
Bandwidth (	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	**17.90**	17.72	17.59	18.50
		MID	QPSK	17.74	17.88	17.47	18.50
		HIGH	QPSK	17.64	17.51	17.27	18.50
	25	LOW	QPSK	17.60	**17.67**	17.65	18.50
		MID	QPSK	17.62	17.35	17.61	18.50
		HIGH	QPSK	17.42	17.37	17.59	18.50
	50	LOW	QPSK	17.50	**17.56**	17.33	18.50
10	1	LOW	Q16	17.54	17.54	17.48	18.50
		MID	Q16	17.30	17.09	17.25	18.50
		HIGH	Q16	17.03	17.17	17.37	18.50
	25	LOW	Q16	17.53	17.44	17.39	18.50
		MID	Q16	17.65	17.67	17.65	18.50
		HIGH	Q16	17.37	17.17	17.46	18.50
	50	LOW	Q16	17.59	17.44	17.46	18.50
10	1	LOW	64QAM	17.24	17.17	17.45	18.50
		MID	64QAM	17.24	17.36	17.28	18.50
		HIGH	64QAM	17.48	17.40	17.54	18.50
	25	LOW	64QAM	16.97	16.62	16.92	18.00
		MID	64QAM	16.85	16.46	16.65	18.00
		HIGH	64QAM	16.54	16.58	16.48	18.00
	50	LOW	64QAM	16.57	16.54	16.57	18.00

Bandwidth (	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.88	**17.97**	17.46	18.50
		MID	QPSK	17.74	17.77	17.45	18.50
		HIGH	QPSK	17.73	17.44	17.24	18.50
	36	LOW	QPSK	17.48	**17.63**	17.52	18.50
		MID	QPSK	17.56	17.57	17.58	18.50
		HIGH	QPSK	17.28	17.29	17.36	18.50
	75	LOW	QPSK	17.45	17.44	**17.55**	18.50
15	1	LOW	Q16	17.50	17.40	17.50	18.50
		MID	Q16	17.20	17.24	17.38	18.50
		HIGH	Q16	17.20	17.10	17.21	18.50
	36	LOW	Q16	17.56	17.52	17.42	18.50
		MID	Q16	17.53	17.72	17.37	18.50
		HIGH	Q16	17.35	17.37	17.51	18.50
	75	LOW	Q16	17.48	17.39	17.41	18.50
15	1	LOW	64QAM	17.27	17.19	17.40	18.50
		MID	64QAM	17.08	17.36	17.21	18.50
		HIGH	64QAM	17.57	17.50	17.52	18.50
	36	LOW	64QAM	16.87	16.70	16.66	18.00
		MID	64QAM	16.82	16.59	16.68	18.00
		HIGH	64QAM	16.33	16.67	16.50	18.00
	75	LOW	64QAM	16.52	16.69	16.53	18.00
Bandwidth (	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.95**	17.92	17.73	18.50
		MID	QPSK	17.76	17.79	17.37	18.50
		HIGH	QPSK	17.93	17.35	17.50	18.50
	50	LOW	QPSK	17.41	17.56	17.52	18.50
		MID	QPSK	**17.70**	17.46	17.67	18.50
		HIGH	QPSK	17.23	17.18	17.64	18.50
	100	LOW	QPSK	**17.52**	17.35	17.38	18.50
20	1	LOW	Q16	17.35	17.38	17.46	18.50
		MID	Q16	17.27	17.01	17.23	18.50
		HIGH	Q16	17.25	17.20	17.28	18.50
	50	LOW	Q16	17.47	17.56	17.44	18.50
		MID	Q16	17.72	17.53	17.42	18.50
		HIGH	Q16	17.33	17.18	17.43	18.50
	100	LOW	Q16	17.75	17.37	17.41	18.50
20	1	LOW	64QAM	17.27	17.10	17.61	18.50
		MID	64QAM	17.08	17.36	17.28	18.50
		HIGH	64QAM	17.57	17.36	17.52	18.50
	50	LOW	64QAM	16.84	16.69	16.68	18.00
		MID	64QAM	16.75	16.57	16.65	18.00
		HIGH	64QAM	16.43	16.52	16.38	18.00
	100	LOW	64QAM	16.75	16.76	16.63	18.00

8.3.5 LTE Band12 Output Power

LTE B12-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.46	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	23.44	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	22.62	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	23.37	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	22.44	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	22.56	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	23.44	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	22.65	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	22.41	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.29	22.30	22.08	23.50
		MID	QPSK	21.94	22.20	22.30	23.50
		HIGH	QPSK	22.23	21.88	22.23	23.50
	3	LOW	QPSK	22.29	22.14	22.23	23.50
		MID	QPSK	22.34	22.18	22.26	23.50
		HIGH	QPSK	22.22	22.20	22.33	23.50
	6	LOW	QPSK	22.28	22.11	22.35	23.50
1.4	1	LOW	Q16	22.14	22.37	22.44	23.50
		MID	Q16	21.99	22.41	22.24	23.50
		HIGH	Q16	22.03	22.35	22.10	23.50
	3	LOW	Q16	21.47	21.78	21.75	22.50
		MID	Q16	21.78	21.63	21.67	22.50
		HIGH	Q16	21.79	21.52	21.47	22.50
	6	LOW	Q16	21.41	21.61	21.68	22.50
1.4	1	LOW	64QAM	21.36	21.54	21.80	22.50
		MID	64QAM	21.60	21.31	21.85	22.50
		HIGH	64QAM	21.48	21.42	21.59	22.50
	3	LOW	64QAM	21.64	21.59	21.86	22.50
		MID	64QAM	21.75	21.10	21.76	22.50
		HIGH	64QAM	21.54	21.32	21.41	22.50
	6	LOW	64QAM	20.69	20.97	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	18900	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.18	22.15	22.15	23.50
		MID	QPSK	22.09	22.18	22.05	23.50
		HIGH	QPSK	22.20	22.13	22.12	23.50
	8	LOW	QPSK	22.06	22.07	22.43	23.50
		MID	QPSK	22.41	22.14	22.08	23.50
		HIGH	QPSK	22.18	22.22	22.31	23.50
	15	LOW	QPSK	22.30	22.29	22.37	23.50
3	1	LOW	Q16	21.99	22.26	22.21	23.50
		MID	Q16	22.01	22.37	22.22	23.50
		HIGH	Q16	21.94	22.06	22.08	23.50
	8	LOW	Q16	21.71	21.71	21.60	22.50
		MID	Q16	21.58	21.45	21.58	22.50
		HIGH	Q16	21.46	21.43	21.58	22.50
	15	LOW	Q16	21.59	21.57	21.60	22.50
3	1	LOW	64QAM	21.46	21.29	21.93	22.50
		MID	64QAM	21.55	21.20	21.98	22.50
		HIGH	64QAM	21.37	21.27	21.59	22.50
	8	LOW	64QAM	20.95	20.68	20.72	21.50
		MID	64QAM	20.62	20.79	20.60	21.50
		HIGH	64QAM	20.66	20.69	20.20	21.50
	15	LOW	64QAM	20.71	21.09	20.33	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.13	22.17	22.19	23.50
		MID	QPSK	22.16	22.05	22.12	23.50
		HIGH	QPSK	22.16	22.17	22.12	23.50
	12	LOW	QPSK	22.09	22.21	22.12	23.50
		MID	QPSK	22.39	22.41	22.15	23.50
		HIGH	QPSK	22.27	22.20	22.35	23.50
	25	LOW	QPSK	22.17	22.24	22.24	23.50
5	1	LOW	Q16	22.28	22.26	22.26	23.50
		MID	Q16	22.25	22.15	22.18	23.50
		HIGH	Q16	22.10	22.12	22.19	23.50
	12	LOW	Q16	21.64	21.58	21.64	22.50
		MID	Q16	21.56	21.50	21.60	22.50
		HIGH	Q16	21.61	21.50	21.49	22.50
	25	LOW	Q16	21.57	21.50	21.66	22.50
5	1	LOW	64QAM	21.49	21.57	22.00	22.50
		MID	64QAM	21.57	21.31	21.87	22.50
		HIGH	64QAM	21.43	21.44	21.48	22.50
	12	LOW	64QAM	20.91	20.62	20.62	21.50
		MID	64QAM	20.79	20.67	20.56	21.50
		HIGH	64QAM	20.87	20.77	20.20	21.50
	25	LOW	64QAM	20.76	20.84	20.41	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.22	**22.28**	22.26	23.50
		MID	QPSK	22.18	22.18	22.23	23.50
		HIGH	QPSK	22.16	22.06	22.14	23.50
	25	LOW	QPSK	22.31	22.32	22.32	23.50
		MID	QPSK	22.32	**22.34**	22.28	23.50
		HIGH	QPSK	22.29	22.31	22.31	23.50
	50	LOW	QPSK	**22.37**	22.31	22.28	23.50
10	1	LOW	Q16	22.21	22.39	22.37	23.50
		MID	Q16	22.14	22.37	22.31	23.50
		HIGH	Q16	22.14	22.28	22.12	23.50
	25	LOW	Q16	21.62	21.71	21.77	22.50
		MID	Q16	21.67	21.67	21.71	22.50
		HIGH	Q16	21.68	21.65	21.69	22.50
	50	LOW	Q16	21.63	21.61	21.66	22.50
10	1	LOW	64QAM	21.55	21.48	22.04	22.50
		MID	64QAM	21.66	21.29	21.89	22.50
		HIGH	64QAM	21.52	21.38	21.65	22.50
	25	LOW	64QAM	20.95	20.83	20.64	21.50
		MID	64QAM	20.83	20.75	20.50	21.50
		HIGH	64QAM	20.89	20.67	20.38	21.50
	50	LOW	64QAM	20.86	21.03	20.43	21.50

LTE B12-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.14	19.10	18.91	20.50
		MID	QPSK	**19.17**	19.00	19.01	20.50
		HIGH	QPSK	19.15	19.00	19.10	20.50
	3	LOW	QPSK	19.17	19.33	19.13	20.50
		MID	QPSK	19.20	19.28	19.20	20.50
		HIGH	QPSK	19.21	**19.36**	19.07	20.50
	6	LOW	QPSK	**19.34**	19.27	19.27	20.50
1.4	1	LOW	Q16	18.87	19.48	19.39	20.50
		MID	Q16	19.00	19.35	19.11	20.50
		HIGH	Q16	19.18	19.50	19.15	20.50
	3	LOW	Q16	19.01	19.17	19.20	20.50
		MID	Q16	19.34	19.39	19.39	20.50
		HIGH	Q16	19.21	19.19	19.30	20.50
	6	LOW	Q16	19.15	19.12	19.16	20.50
1.4	1	LOW	64QAM	19.08	19.52	18.93	20.50
		MID	64QAM	18.93	19.37	19.28	20.50
		HIGH	64QAM	19.12	19.48	19.17	20.50
	3	LOW	64QAM	19.15	19.29	19.36	20.50
		MID	64QAM	18.98	19.43	19.47	20.50
		HIGH	64QAM	19.05	18.96	19.20	20.50
	6	LOW	64QAM	19.19	19.20	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	19.14	19.18	19.04	20.50
		MID	QPSK	18.92	**19.21**	19.18	20.50
		HIGH	QPSK	18.90	19.07	18.93	20.50
	8	LOW	QPSK	19.25	19.25	19.05	20.50
		MID	QPSK	19.20	**19.36**	19.26	20.50
		HIGH	QPSK	19.23	19.20	19.07	20.50
	15	LOW	QPSK	19.18	**19.21**	19.19	20.50
3	1	LOW	Q16	18.91	19.30	19.23	20.50
		MID	Q16	19.06	19.61	19.34	20.50
		HIGH	Q16	18.95	19.38	19.11	20.50
	8	LOW	Q16	19.28	19.39	19.34	20.50
		MID	Q16	19.24	19.39	19.25	20.50
		HIGH	Q16	19.06	19.25	19.40	20.50
	15	LOW	Q16	19.08	19.20	19.30	20.50
3	1	LOW	64QAM	19.22	19.34	18.91	20.50
		MID	64QAM	18.99	19.37	19.34	20.50
		HIGH	64QAM	19.14	19.40	19.17	20.50
	8	LOW	64QAM	19.17	19.14	19.13	20.50
		MID	64QAM	19.21	19.39	19.33	20.50
		HIGH	64QAM	19.09	19.17	19.14	20.50
	15	LOW	64QAM	19.02	19.08	19.38	20.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	18.93	19.16	19.08	20.50
		MID	QPSK	19.09	**19.21**	19.06	20.50
		HIGH	QPSK	19.00	19.03	19.12	20.50
	12	LOW	QPSK	19.15	**19.25**	19.21	20.50
		MID	QPSK	19.12	19.09	19.16	20.50
		HIGH	QPSK	19.11	19.24	19.24	20.50
	25	LOW	QPSK	19.20	**19.31**	19.08	20.50
5	1	LOW	Q16	18.95	19.42	19.33	20.50
		MID	Q16	19.08	19.30	19.24	20.50
		HIGH	Q16	18.98	19.46	19.08	20.50
	12	LOW	Q16	19.10	19.21	19.13	20.50
		MID	Q16	19.13	19.31	19.33	20.50
		HIGH	Q16	19.19	19.14	19.26	20.50
	25	LOW	Q16	19.21	19.28	19.38	20.50
5	1	LOW	64QAM	19.03	19.48	19.16	20.50
		MID	64QAM	19.14	19.29	19.16	20.50
		HIGH	64QAM	19.10	19.34	18.92	20.50
	12	LOW	64QAM	18.94	19.31	19.36	20.50
		MID	64QAM	19.13	19.41	19.49	20.50
		HIGH	64QAM	18.94	19.11	19.16	20.50
	25	LOW	64QAM	19.23	19.14	19.07	20.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	19.10	**19.16**	19.02	20.50
		MID	QPSK	19.07	19.13	19.14	20.50
		HIGH	QPSK	19.11	19.11	19.08	20.50
	25	LOW	QPSK	19.21	19.23	19.17	20.50
		MID	QPSK	19.24	**19.30**	19.18	20.50
		HIGH	QPSK	19.17	19.26	19.22	20.50
	50	LOW	QPSK	**19.26**	19.23	19.23	20.50
10	1	LOW	Q16	19.08	19.40	19.29	20.50
		MID	Q16	19.06	19.51	19.24	20.50
		HIGH	Q16	19.08	19.44	19.21	20.50
	25	LOW	Q16	19.22	19.31	19.32	20.50
		MID	Q16	19.30	19.29	19.41	20.50
		HIGH	Q16	19.21	19.29	19.36	20.50
	50	LOW	Q16	19.23	19.22	19.30	20.50
10	1	LOW	64QAM	19.18	19.50	19.10	20.50
		MID	64QAM	19.10	19.33	19.30	20.50
		HIGH	64QAM	19.12	19.52	19.13	20.50
	25	LOW	64QAM	19.07	19.33	19.26	20.50
		MID	64QAM	19.15	19.33	19.51	20.50
		HIGH	64QAM	19.15	19.17	19.22	20.50
	50	LOW	64QAM	19.13	19.16	19.28	20.50

LTE B12-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.14	19.10	18.91	20.50
		MID	QPSK	**19.17**	19.00	19.01	20.50
		HIGH	QPSK	19.15	19.00	19.10	20.50
	3	LOW	QPSK	19.17	19.33	19.13	20.50
		MID	QPSK	19.20	19.28	19.20	20.50
		HIGH	QPSK	19.21	**19.36**	19.07	20.50
	6	LOW	QPSK	**19.34**	19.27	19.27	20.50
1.4	1	LOW	Q16	18.87	19.48	19.39	20.50
		MID	Q16	19.00	19.35	19.11	20.50
		HIGH	Q16	19.18	19.50	19.15	20.50
	3	LOW	Q16	19.01	19.17	19.20	20.50
		MID	Q16	19.34	19.39	19.39	20.50
		HIGH	Q16	19.21	19.19	19.30	20.50
	6	LOW	Q16	19.15	19.12	19.16	20.50
1.4	1	LOW	64QAM	19.08	19.52	18.93	20.50
		MID	64QAM	18.93	19.37	19.28	20.50
		HIGH	64QAM	19.12	19.48	19.17	20.50
	3	LOW	64QAM	19.15	19.29	19.36	20.50
		MID	64QAM	18.98	19.43	19.47	20.50
		HIGH	64QAM	19.05	18.96	19.20	20.50
	6	LOW	64QAM	19.19	19.20	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	19.14	19.18	19.04	20.50
		MID	QPSK	18.92	**19.21**	19.18	20.50
		HIGH	QPSK	18.90	19.07	18.93	20.50
	8	LOW	QPSK	19.25	19.25	19.05	20.50
		MID	QPSK	19.20	**19.36**	19.26	20.50
		HIGH	QPSK	19.23	19.20	19.07	20.50
	15	LOW	QPSK	19.18	**19.21**	19.19	20.50
3	1	LOW	Q16	18.91	19.30	19.23	20.50
		MID	Q16	19.06	19.61	19.34	20.50
		HIGH	Q16	18.95	19.38	19.11	20.50
	8	LOW	Q16	19.28	19.39	19.34	20.50
		MID	Q16	19.24	19.39	19.25	20.50
		HIGH	Q16	19.06	19.25	19.40	20.50
	15	LOW	Q16	19.08	19.20	19.30	20.50
3	1	LOW	64QAM	19.22	19.34	18.91	20.50
		MID	64QAM	18.99	19.37	19.34	20.50
		HIGH	64QAM	19.14	19.40	19.17	20.50
	8	LOW	64QAM	19.17	19.14	19.13	20.50
		MID	64QAM	19.21	19.39	19.33	20.50
		HIGH	64QAM	19.09	19.17	19.14	20.50
	15	LOW	64QAM	19.02	19.08	19.38	20.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	18.93	19.16	19.08	20.50
		MID	QPSK	19.09	**19.21**	19.06	20.50
		HIGH	QPSK	19.00	19.03	19.12	20.50
	12	LOW	QPSK	19.15	**19.25**	19.21	20.50
		MID	QPSK	19.12	19.09	19.16	20.50
		HIGH	QPSK	19.11	19.24	19.24	20.50
	25	LOW	QPSK	19.20	**19.31**	19.08	20.50
5	1	LOW	Q16	18.95	19.42	19.33	20.50
		MID	Q16	19.08	19.30	19.24	20.50
		HIGH	Q16	18.98	19.46	19.08	20.50
	12	LOW	Q16	19.10	19.21	19.13	20.50
		MID	Q16	19.13	19.31	19.33	20.50
		HIGH	Q16	19.19	19.14	19.26	20.50
	25	LOW	Q16	19.21	19.28	19.38	20.50
5	1	LOW	64QAM	19.03	19.48	19.16	20.50
		MID	64QAM	19.14	19.29	19.16	20.50
		HIGH	64QAM	19.10	19.34	18.92	20.50
	12	LOW	64QAM	18.94	19.31	19.36	20.50
		MID	64QAM	19.13	19.41	19.49	20.50
		HIGH	64QAM	18.94	19.11	19.16	20.50
	25	LOW	64QAM	19.23	19.14	19.07	20.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	19.10	**19.16**	19.02	20.50
		MID	QPSK	19.07	19.13	19.14	20.50
		HIGH	QPSK	19.11	19.11	19.08	20.50
	25	LOW	QPSK	19.21	19.23	19.17	20.50
		MID	QPSK	19.24	**19.30**	19.18	20.50
		HIGH	QPSK	19.17	19.26	19.22	20.50
	50	LOW	QPSK	**19.26**	19.23	19.23	20.50
10	1	LOW	Q16	19.08	19.40	19.29	20.50
		MID	Q16	19.06	19.51	19.24	20.50
		HIGH	Q16	19.08	19.44	19.21	20.50
	25	LOW	Q16	19.22	19.31	19.32	20.50
		MID	Q16	19.30	19.29	19.41	20.50
		HIGH	Q16	19.21	19.29	19.36	20.50
	50	LOW	Q16	19.23	19.22	19.30	20.50
10	1	LOW	64QAM	19.18	19.50	19.10	20.50
		MID	64QAM	19.10	19.33	19.30	20.50
		HIGH	64QAM	19.12	19.52	19.13	20.50
	25	LOW	64QAM	19.07	19.33	19.26	20.50
		MID	64QAM	19.15	19.33	19.51	20.50
		HIGH	64QAM	19.15	19.17	19.22	20.50
	50	LOW	64QAM	19.13	19.16	19.28	20.50

LTE B12-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 12 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.29	22.30	22.08	23.50
		MID	QPSK	21.94	22.20	22.30	23.50
		HIGH	QPSK	22.23	21.88	22.23	23.50
	3	LOW	QPSK	22.29	22.14	22.23	23.50
		MID	QPSK	22.34	22.18	22.26	23.50
		HIGH	QPSK	22.22	22.20	22.33	23.50
	6	LOW	QPSK	22.28	22.11	22.35	23.50
1.4	1	LOW	Q16	22.14	22.37	22.44	23.50
		MID	Q16	21.99	22.41	22.24	23.50
		HIGH	Q16	22.03	22.35	22.10	23.50
	3	LOW	Q16	21.47	21.78	21.75	22.50
		MID	Q16	21.78	21.63	21.67	22.50
		HIGH	Q16	21.79	21.52	21.47	22.50
	6	LOW	Q16	21.41	21.61	21.68	22.50
1.4	1	LOW	64QAM	21.36	21.54	21.80	22.50
		MID	64QAM	21.60	21.31	21.85	22.50
		HIGH	64QAM	21.48	21.42	21.59	22.50
	3	LOW	64QAM	21.64	21.59	21.86	22.50
		MID	64QAM	21.75	21.10	21.76	22.50
		HIGH	64QAM	21.54	21.32	21.41	22.50
	6	LOW	64QAM	20.69	20.97	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	18900	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.18	22.15	22.15	23.50
		MID	QPSK	22.09	22.18	22.05	23.50
		HIGH	QPSK	22.20	22.13	22.12	23.50
	8	LOW	QPSK	22.06	22.07	22.43	23.50
		MID	QPSK	22.41	22.14	22.08	23.50
		HIGH	QPSK	22.18	22.22	22.31	23.50
	15	LOW	QPSK	22.30	22.29	22.37	23.50
3	1	LOW	Q16	21.99	22.26	22.21	23.50
		MID	Q16	22.01	22.37	22.22	23.50
		HIGH	Q16	21.94	22.06	22.08	23.50
	8	LOW	Q16	21.71	21.71	21.60	22.50
		MID	Q16	21.58	21.45	21.58	22.50
		HIGH	Q16	21.46	21.43	21.58	22.50
	15	LOW	Q16	21.59	21.57	21.60	22.50
3	1	LOW	64QAM	21.46	21.29	21.93	22.50
		MID	64QAM	21.55	21.20	21.98	22.50
		HIGH	64QAM	21.37	21.27	21.59	22.50
	8	LOW	64QAM	20.95	20.68	20.72	21.50
		MID	64QAM	20.62	20.79	20.60	21.50
		HIGH	64QAM	20.66	20.69	20.20	21.50
	15	LOW	64QAM	20.71	21.09	20.33	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.13	22.17	22.19	23.50
		MID	QPSK	22.16	22.05	22.12	23.50
		HIGH	QPSK	22.16	22.17	22.12	23.50
	12	LOW	QPSK	22.09	22.21	22.12	23.50
		MID	QPSK	22.39	22.41	22.15	23.50
		HIGH	QPSK	22.27	22.20	22.35	23.50
	25	LOW	QPSK	22.17	22.24	22.24	23.50
5	1	LOW	Q16	22.28	22.26	22.26	23.50
		MID	Q16	22.25	22.15	22.18	23.50
		HIGH	Q16	22.10	22.12	22.19	23.50
	12	LOW	Q16	21.64	21.58	21.64	22.50
		MID	Q16	21.56	21.50	21.60	22.50
		HIGH	Q16	21.61	21.50	21.49	22.50
	25	LOW	Q16	21.57	21.50	21.66	22.50
5	1	LOW	64QAM	21.49	21.57	22.00	22.50
		MID	64QAM	21.57	21.31	21.87	22.50
		HIGH	64QAM	21.43	21.44	21.48	22.50
	12	LOW	64QAM	20.91	20.62	20.62	21.50
		MID	64QAM	20.79	20.67	20.56	21.50
		HIGH	64QAM	20.87	20.77	20.20	21.50
	25	LOW	64QAM	20.76	20.84	20.41	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.22	**22.28**	22.26	23.50
		MID	QPSK	22.18	22.18	22.23	23.50
		HIGH	QPSK	22.16	22.06	22.14	23.50
	25	LOW	QPSK	22.31	22.32	22.32	23.50
		MID	QPSK	22.32	**22.34**	22.28	23.50
		HIGH	QPSK	22.29	22.31	22.31	23.50
	50	LOW	QPSK	**22.37**	22.31	22.28	23.50
10	1	LOW	Q16	22.21	22.39	22.37	23.50
		MID	Q16	22.14	22.37	22.31	23.50
		HIGH	Q16	22.14	22.28	22.12	23.50
	25	LOW	Q16	21.62	21.71	21.77	22.50
		MID	Q16	21.67	21.67	21.71	22.50
		HIGH	Q16	21.68	21.65	21.69	22.50
	50	LOW	Q16	21.63	21.61	21.66	22.50
10	1	LOW	64QAM	21.55	21.48	22.04	22.50
		MID	64QAM	21.66	21.29	21.89	22.50
		HIGH	64QAM	21.52	21.38	21.65	22.50
	25	LOW	64QAM	20.95	20.83	20.64	21.50
		MID	64QAM	20.83	20.75	20.50	21.50
		HIGH	64QAM	20.89	20.67	20.38	21.50
	50	LOW	64QAM	20.86	21.03	20.43	21.50

LTE B12-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.38	20.38	20.40	21.50
		MID	QPSK	20.30	20.36	20.37	21.50
		HIGH	QPSK	20.20	20.20	20.18	21.50
	3	LOW	QPSK	20.19	20.32	20.38	21.50
		MID	QPSK	20.52	20.46	20.22	21.50
		HIGH	QPSK	20.35	20.43	20.47	21.50
	6	LOW	QPSK	20.29	20.27	20.18	21.50
1.4	1	LOW	Q16	20.23	20.55	20.35	21.50
		MID	Q16	20.06	20.57	20.27	21.50
		HIGH	Q16	20.30	20.24	20.24	21.50
	3	LOW	Q16	20.38	20.39	20.67	21.50
		MID	Q16	20.39	20.53	20.53	21.50
		HIGH	Q16	20.48	20.35	20.45	21.50
	6	LOW	Q16	20.21	20.35	20.32	21.50
1.4	1	LOW	64QAM	20.41	20.20	20.65	21.50
		MID	64QAM	20.26	20.01	20.73	21.50
		HIGH	64QAM	20.22	20.28	20.45	21.50
	3	LOW	64QAM	20.32	20.45	20.67	21.50
		MID	64QAM	20.61	20.39	20.39	21.50
		HIGH	64QAM	20.28	20.29	20.31	21.50
	6	LOW	64QAM	20.25	20.25	20.07	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	18900	23165	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	20.44	20.24	21.50
		MID	QPSK	20.10	20.38	20.13	21.50
		HIGH	QPSK	20.26	20.22	20.02	21.50
	8	LOW	QPSK	20.19	20.52	20.50	21.50
		MID	QPSK	20.40	20.32	20.16	21.50
		HIGH	QPSK	20.21	20.31	20.45	21.50
	15	LOW	QPSK	20.57	20.39	20.24	21.50
3	1	LOW	Q16	20.25	20.26	20.57	21.50
		MID	Q16	20.12	20.39	20.47	21.50
		HIGH	Q16	20.32	20.40	20.10	21.50
	8	LOW	Q16	20.42	20.61	20.38	21.50
		MID	Q16	20.33	20.51	20.59	21.50
		HIGH	Q16	20.48	20.37	20.55	21.50
	15	LOW	Q16	20.37	20.21	20.44	21.50
3	1	LOW	64QAM	20.33	20.26	20.56	21.50
		MID	64QAM	20.52	19.89	20.46	21.50
		HIGH	64QAM	20.36	20.26	20.29	21.50
	8	LOW	64QAM	20.44	20.45	20.69	21.50
		MID	64QAM	20.53	20.35	20.59	21.50
		HIGH	64QAM	20.26	20.41	20.21	21.50
	15	LOW	64QAM	20.31	20.09	20.05	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.14	20.20	20.26	21.50
		MID	QPSK	20.24	20.36	20.27	21.50
		HIGH	QPSK	20.26	20.08	20.04	21.50
	12	LOW	QPSK	20.49	20.44	20.38	21.50
		MID	QPSK	20.22	20.36	20.24	21.50
		HIGH	QPSK	20.33	20.35	20.19	21.50
	25	LOW	QPSK	20.53	20.43	20.26	21.50
5	1	LOW	Q16	20.15	20.55	20.31	21.50
		MID	Q16	20.14	20.47	20.25	21.50
		HIGH	Q16	20.12	20.28	20.14	21.50
	12	LOW	Q16	20.52	20.55	20.65	21.50
		MID	Q16	20.43	20.51	20.49	21.50
		HIGH	Q16	20.36	20.35	20.45	21.50
	25	LOW	Q16	20.45	20.43	20.38	21.50
5	1	LOW	64QAM	20.41	20.12	20.64	21.50
		MID	64QAM	20.54	19.99	20.69	21.50
		HIGH	64QAM	20.40	20.26	20.35	21.50
	12	LOW	64QAM	20.42	20.33	20.53	21.50
		MID	64QAM	20.47	20.41	20.31	21.50
		HIGH	64QAM	20.28	20.23	20.37	21.50
	25	LOW	64QAM	20.17	20.11	20.15	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.25	20.32	20.26	21.50
		MID	QPSK	20.16	20.06	20.19	21.50
		HIGH	QPSK	20.04	**20.34**	20.08	21.50
	25	LOW	QPSK	20.28	20.33	20.22	21.50
		MID	QPSK	20.30	**20.36**	20.26	21.50
		HIGH	QPSK	20.19	20.30	20.19	21.50
	50	LOW	QPSK	20.31	**20.43**	20.34	21.50
10	1	LOW	Q16	20.37	20.11	20.43	21.50
		MID	Q16	20.57	20.20	20.23	21.50
		HIGH	Q16	20.24	20.34	20.08	21.50
	25	LOW	Q16	20.39	20.38	20.51	21.50
		MID	Q16	20.37	20.45	20.39	21.50
		HIGH	Q16	20.31	20.50	20.55	21.50
	50	LOW	Q16	20.39	20.21	20.40	21.50
10	1	LOW	64QAM	20.06	20.13	20.84	21.50
		MID	64QAM	20.11	20.54	20.59	21.50
		HIGH	64QAM	20.26	20.20	20.55	21.50
	25	LOW	64QAM	20.33	20.42	20.57	21.50
		MID	64QAM	20.24	20.38	20.33	21.50
		HIGH	64QAM	20.27	20.18	20.29	21.50
	50	LOW	64QAM	20.21	20.11	20.27	21.50

LTE B12-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.19	18.14	**18.23**	19.50
		MID	QPSK	17.90	18.03	18.22	19.50
		HIGH	QPSK	17.92	18.20	17.88	19.50
	3	LOW	QPSK	18.25	18.24	18.31	19.50
		MID	QPSK	18.09	**18.33**	18.16	19.50
		HIGH	QPSK	18.17	18.16	18.08	19.50
	6	LOW	QPSK	18.14	18.26	**18.27**	19.50
1.4	1	LOW	Q16	18.00	18.18	18.11	19.50
		MID	Q16	17.90	18.11	18.10	19.50
		HIGH	Q16	18.00	18.09	17.84	19.50
	3	LOW	Q16	18.17	18.27	18.46	19.50
		MID	Q16	18.32	18.34	18.15	19.50
		HIGH	Q16	18.13	18.10	18.18	19.50
	6	LOW	Q16	18.12	18.10	18.19	19.50
1.4	1	LOW	64QAM	18.10	17.92	18.57	19.50
		MID	64QAM	18.26	17.98	18.36	19.50
		HIGH	64QAM	17.92	18.02	18.29	19.50
	3	LOW	64QAM	18.13	18.26	18.50	19.50
		MID	64QAM	18.20	18.23	18.22	19.50
		HIGH	64QAM	18.23	18.00	18.14	19.50
	6	LOW	64QAM	18.07	17.86	18.03	19.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	18.05	18.20	17.96	19.50
		MID	QPSK	18.15	18.03	17.93	19.50
		HIGH	QPSK	18.02	**18.23**	17.88	19.50
	8	LOW	QPSK	**18.30**	18.22	18.27	19.50
		MID	QPSK	18.02	18.15	18.20	19.50
		HIGH	QPSK	18.23	18.28	**18.30**	19.50
	15	LOW	QPSK	**18.31**	18.21	18.11	19.50
3	1	LOW	Q16	18.11	18.31	18.23	19.50
		MID	Q16	18.09	18.32	18.14	19.50
		HIGH	Q16	17.88	18.00	17.95	19.50
	8	LOW	Q16	18.09	18.11	18.28	19.50
		MID	Q16	18.27	18.29	18.31	19.50
		HIGH	Q16	18.12	18.12	18.11	19.50
	15	LOW	Q16	18.08	18.12	18.06	19.50
3	1	LOW	64QAM	18.04	17.88	18.29	19.50
		MID	64QAM	18.10	17.80	18.38	19.50
		HIGH	64QAM	18.16	18.03	18.20	19.50
	8	LOW	64QAM	18.02	18.16	18.50	19.50
		MID	64QAM	18.17	18.29	18.27	19.50
		HIGH	64QAM	18.00	18.17	18.21	19.50
	15	LOW	64QAM	18.00	17.83	18.12	19.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	18.07	**18.25**	18.11	19.50
		MID	QPSK	18.10	17.92	18.06	19.50
		HIGH	QPSK	18.11	**18.25**	17.90	19.50
	12	LOW	QPSK	18.25	18.13	18.11	19.50
		MID	QPSK	18.24	**18.26**	18.07	19.50
		HIGH	QPSK	18.06	18.25	18.14	19.50
	25	LOW	QPSK	**18.36**	18.12	18.09	19.50
5	1	LOW	Q16	18.15	18.33	18.34	19.50
		MID	Q16	17.88	18.27	18.30	19.50
		HIGH	Q16	17.93	18.23	18.04	19.50
	12	LOW	Q16	18.18	18.24	18.17	19.50
		MID	Q16	18.12	18.22	18.33	19.50
		HIGH	Q16	18.08	18.23	18.13	19.50
	25	LOW	Q16	18.28	18.26	18.31	19.50
5	1	LOW	64QAM	18.06	17.92	18.44	19.50
		MID	64QAM	18.21	17.94	18.32	19.50
		HIGH	64QAM	18.08	18.02	18.20	19.50
	12	LOW	64QAM	18.09	18.13	18.47	19.50
		MID	64QAM	18.19	18.27	18.36	19.50
		HIGH	64QAM	18.05	18.06	17.99	19.50
	25	LOW	64QAM	18.02	18.01	17.94	19.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	18.07	18.24	18.12	19.50
		MID	QPSK	17.94	18.08	18.06	19.50
		HIGH	QPSK	17.99	**18.26**	17.95	19.50
	25	LOW	QPSK	18.06	18.22	18.24	19.50
		MID	QPSK	18.02	18.24	18.22	19.50
		HIGH	QPSK	18.26	**18.29**	18.08	19.50
	50	LOW	QPSK	18.12	**18.23**	18.05	19.50
10	1	LOW	Q16	18.02	18.36	18.14	19.50
		MID	Q16	18.08	18.12	18.30	19.50
		HIGH	Q16	17.91	18.16	17.93	19.50
	25	LOW	Q16	18.11	18.24	18.22	19.50
		MID	Q16	18.31	18.27	18.38	19.50
		HIGH	Q16	18.35	18.07	18.13	19.50
	50	LOW	Q16	18.14	18.16	18.26	19.50
10	1	LOW	64QAM	17.97	18.15	18.57	19.50
		MID	64QAM	18.35	17.71	18.56	19.50
		HIGH	64QAM	17.94	17.82	18.21	19.50
	25	LOW	64QAM	18.24	18.15	18.43	19.50
		MID	64QAM	18.41	18.07	18.25	19.50
		HIGH	64QAM	18.07	18.22	18.17	19.50
	50	LOW	64QAM	18.02	18.04	18.01	19.50

LTE B12-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.38	20.38	**20.40**	21.50
		MID	QPSK	20.30	20.36	20.37	21.50
		HIGH	QPSK	20.20	20.20	20.18	21.50
	3	LOW	QPSK	20.19	20.32	20.38	21.50
		MID	QPSK	**20.52**	20.46	20.22	21.50
		HIGH	QPSK	20.35	20.43	20.47	21.50
	6	LOW	QPSK	**20.29**	20.27	20.18	21.50
1.4	1	LOW	Q16	20.23	20.55	20.35	21.50
		MID	Q16	20.06	20.57	20.27	21.50
		HIGH	Q16	20.30	20.24	20.24	21.50
	3	LOW	Q16	20.38	20.39	20.67	21.50
		MID	Q16	20.39	20.53	20.53	21.50
		HIGH	Q16	20.48	20.35	20.45	21.50
	6	LOW	Q16	20.21	20.35	20.32	21.50
1.4	1	LOW	64QAM	20.41	20.20	20.65	21.50
		MID	64QAM	20.26	20.01	20.73	21.50
		HIGH	64QAM	20.22	20.28	20.45	21.50
	3	LOW	64QAM	20.32	20.45	20.67	21.50
		MID	64QAM	20.61	20.39	20.39	21.50
		HIGH	64QAM	20.28	20.29	20.31	21.50
	6	LOW	64QAM	20.25	20.25	20.07	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	18900	23165	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	**20.44**	20.24	21.50
		MID	QPSK	20.10	20.38	20.13	21.50
		HIGH	QPSK	20.26	20.22	20.02	21.50
	8	LOW	QPSK	20.19	**20.52**	20.50	21.50
		MID	QPSK	20.40	20.32	20.16	21.50
		HIGH	QPSK	20.21	20.31	20.45	21.50
	15	LOW	QPSK	**20.57**	20.39	20.24	21.50
3	1	LOW	Q16	20.25	20.26	20.57	21.50
		MID	Q16	20.12	20.39	20.47	21.50
		HIGH	Q16	20.32	20.40	20.10	21.50
	8	LOW	Q16	20.42	20.61	20.38	21.50
		MID	Q16	20.33	20.51	20.59	21.50
		HIGH	Q16	20.48	20.37	20.55	21.50
	15	LOW	Q16	20.37	20.21	20.44	21.50
3	1	LOW	64QAM	20.33	20.26	20.56	21.50
		MID	64QAM	20.52	19.89	20.46	21.50
		HIGH	64QAM	20.36	20.26	20.29	21.50
	8	LOW	64QAM	20.44	20.45	20.69	21.50
		MID	64QAM	20.53	20.35	20.59	21.50
		HIGH	64QAM	20.26	20.41	20.21	21.50
	15	LOW	64QAM	20.31	20.09	20.05	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.14	20.20	20.26	21.50
		MID	QPSK	20.24	**20.36**	20.27	21.50
		HIGH	QPSK	20.26	20.08	20.04	21.50
	12	LOW	QPSK	**20.49**	20.44	20.38	21.50
		MID	QPSK	20.22	20.36	20.24	21.50
		HIGH	QPSK	20.33	20.35	20.19	21.50
	25	LOW	QPSK	**20.53**	20.43	20.26	21.50
5	1	LOW	Q16	20.15	20.55	20.31	21.50
		MID	Q16	20.14	20.47	20.25	21.50
		HIGH	Q16	20.12	20.28	20.14	21.50
	12	LOW	Q16	20.52	20.55	20.65	21.50
		MID	Q16	20.43	20.51	20.49	21.50
		HIGH	Q16	20.36	20.35	20.45	21.50
	25	LOW	Q16	20.45	20.43	20.38	21.50
5	1	LOW	64QAM	20.41	20.12	20.64	21.50
		MID	64QAM	20.54	19.99	20.69	21.50
		HIGH	64QAM	20.40	20.26	20.35	21.50
	12	LOW	64QAM	20.42	20.33	20.53	21.50
		MID	64QAM	20.47	20.41	20.31	21.50
		HIGH	64QAM	20.28	20.23	20.37	21.50
	25	LOW	64QAM	20.17	20.11	20.15	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.25	20.32	20.26	21.50
		MID	QPSK	20.16	20.06	20.19	21.50
		HIGH	QPSK	20.04	**20.34**	20.08	21.50
	25	LOW	QPSK	20.28	20.33	20.22	21.50
		MID	QPSK	20.30	**20.36**	20.26	21.50
		HIGH	QPSK	20.19	20.30	20.19	21.50
	50	LOW	QPSK	20.31	**20.43**	20.34	21.50
10	1	LOW	Q16	20.37	20.11	20.43	21.50
		MID	Q16	20.57	20.20	20.23	21.50
		HIGH	Q16	20.24	20.34	20.08	21.50
	25	LOW	Q16	20.39	20.38	20.51	21.50
		MID	Q16	20.37	20.45	20.39	21.50
		HIGH	Q16	20.31	20.50	20.55	21.50
	50	LOW	Q16	20.39	20.21	20.40	21.50
10	1	LOW	64QAM	20.06	20.13	20.84	21.50
		MID	64QAM	20.11	20.54	20.59	21.50
		HIGH	64QAM	20.26	20.20	20.55	21.50
	25	LOW	64QAM	20.33	20.42	20.57	21.50
		MID	64QAM	20.24	20.38	20.33	21.50
		HIGH	64QAM	20.27	20.18	20.29	21.50
	50	LOW	64QAM	20.21	20.11	20.27	21.50

LTE B12-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**23.46**	23.15	23.35	24.50
		MID	QPSK	23.19	23.15	23.23	24.50
		HIGH	QPSK	23.13	23.07	23.05	24.50
	3	LOW	QPSK	23.30	22.96	**23.44**	24.50
		MID	QPSK	23.07	23.24	23.32	24.50
		HIGH	QPSK	23.08	22.93	22.84	24.50
	6	LOW	QPSK	22.52	**22.62**	22.51	23.50
1.4	1	LOW	Q16	22.26	22.19	22.88	23.50
		MID	Q16	22.35	22.38	22.66	23.50
		HIGH	Q16	22.32	22.22	22.52	23.50
	3	LOW	Q16	22.08	22.08	22.63	23.50
		MID	Q16	22.17	22.31	22.59	23.50
		HIGH	Q16	22.07	21.98	22.54	23.50
	6	LOW	Q16	21.47	21.80	21.35	22.50
1.4	1	LOW	64QAM	21.40	21.57	22.19	22.50
		MID	64QAM	21.66	21.29	22.17	22.50
		HIGH	64QAM	21.35	21.41	21.78	22.50
	3	LOW	64QAM	21.16	21.51	22.28	22.50
		MID	64QAM	21.72	21.29	22.17	22.50
		HIGH	64QAM	21.14	21.52	21.78	22.50
	6	LOW	64QAM	20.75	20.82	20.59	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.14	23.12	23.30	24.50
		MID	QPSK	23.33	23.29	**23.37**	24.50
		HIGH	QPSK	23.18	23.26	23.22	24.50
	8	LOW	QPSK	22.28	22.35	22.36	23.50
		MID	QPSK	22.36	**22.44**	22.32	23.50
		HIGH	QPSK	22.22	22.39	22.31	23.50
	15	LOW	QPSK	22.38	**22.56**	22.48	23.50
3	1	LOW	Q16	22.33	22.19	22.74	23.50
		MID	Q16	22.52	22.15	22.66	23.50
		HIGH	Q16	22.39	22.11	22.72	23.50
	8	LOW	Q16	21.97	21.79	21.68	22.50
		MID	Q16	21.71	22.03	21.44	22.50
		HIGH	Q16	21.56	21.58	21.53	22.50
	15	LOW	Q16	21.65	21.72	21.35	22.50
3	1	LOW	64QAM	21.31	21.72	22.15	22.50
		MID	64QAM	21.75	21.29	22.11	22.50
		HIGH	64QAM	21.58	21.47	21.89	22.50
	8	LOW	64QAM	20.99	20.93	20.37	21.50
		MID	64QAM	21.13	21.04	20.54	21.50
		HIGH	64QAM	20.81	20.71	20.36	21.50
	15	LOW	64QAM	21.02	20.84	20.53	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.32	23.17	23.28	24.50
		MID	QPSK	23.30	23.25	23.21	24.50
		HIGH	QPSK	**23.44**	23.19	23.03	24.50
	12	LOW	QPSK	22.30	22.17	22.52	23.50
		MID	QPSK	**22.65**	22.62	22.32	23.50
		HIGH	QPSK	22.45	22.46	22.49	23.50
	25	LOW	QPSK	**22.41**	22.37	22.24	23.50
5	1	LOW	Q16	22.24	22.39	23.01	23.50
		MID	Q16	22.44	22.09	22.82	23.50
		HIGH	Q16	22.17	22.20	22.77	23.50
	12	LOW	Q16	21.72	21.93	21.59	22.50
		MID	Q16	21.75	21.81	21.59	22.50
		HIGH	Q16	21.59	21.69	21.28	22.50
	25	LOW	Q16	21.43	21.78	21.30	22.50
5	1	LOW	64QAM	21.46	21.39	21.84	22.50
		MID	64QAM	21.55	21.55	21.95	22.50
		HIGH	64QAM	21.39	21.47	21.69	22.50
	12	LOW	64QAM	21.01	20.99	20.54	21.50
		MID	64QAM	20.98	21.13	20.54	21.50
		HIGH	64QAM	20.77	20.73	20.60	21.50
	25	LOW	64QAM	21.02	20.97	20.43	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.39**	23.38	23.30	24.50
		MID	QPSK	23.35	23.34	23.28	24.50
		HIGH	QPSK	23.32	23.33	23.24	24.50
	25	LOW	QPSK	22.46	22.42	22.43	23.50
		MID	QPSK	**22.56**	22.53	22.50	23.50
		HIGH	QPSK	22.47	22.46	22.42	23.50
	50	LOW	QPSK	**22.52**	22.51	22.44	23.50
10	1	LOW	Q16	22.46	22.41	22.90	23.50
		MID	Q16	22.48	22.31	22.82	23.50
		HIGH	Q16	22.39	22.31	22.72	23.50
	25	LOW	Q16	21.90	21.86	21.57	22.50
		MID	Q16	21.82	22.01	21.55	22.50
		HIGH	Q16	21.76	21.73	21.47	22.50
	50	LOW	Q16	21.67	21.87	21.41	22.50
10	1	LOW	64QAM	21.46	21.63	22.08	22.50
		MID	64QAM	21.66	21.44	22.13	22.50
		HIGH	64QAM	21.52	21.60	21.78	22.50
	25	LOW	64QAM	21.12	20.93	20.58	21.50
		MID	64QAM	21.02	21.19	20.56	21.50
		HIGH	64QAM	20.83	20.73	20.52	21.50
	50	LOW	64QAM	20.96	21.03	20.57	21.50

LTE B12-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	23.44	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	23.51	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	22.66	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	23.48	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	22.61	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	22.46	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	22.66	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	22.57	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

LTE B12-State 16 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	23.44	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	23.51	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	22.66	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	23.48	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	22.61	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	22.46	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	22.66	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	22.57	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	23.42	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	22.57	22.48	22.49	23.50
	50	LOW	QPSK	22.55	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

LTE B12-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

LTE B12-State 20 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

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Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

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Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

LTE B12-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

LTE B12-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.26	23.11	23.18	24.50
		MID	QPSK	23.35	23.28	**23.44**	24.50
		HIGH	QPSK	23.35	23.30	23.14	24.50
	3	LOW	QPSK	23.28	23.06	23.22	24.50
		MID	QPSK	**23.51**	23.35	23.24	24.50
		HIGH	QPSK	22.97	23.36	22.98	24.50
	6	LOW	QPSK	**22.66**	22.49	22.47	23.50
1.4	1	LOW	Q16	22.56	22.79	22.46	23.50
		MID	Q16	22.38	22.64	22.52	23.50
		HIGH	Q16	22.13	22.69	22.42	23.50
	3	LOW	Q16	22.18	22.60	22.21	23.50
		MID	Q16	22.34	22.75	22.07	23.50
		HIGH	Q16	22.09	22.62	22.22	23.50
	6	LOW	Q16	21.32	21.41	21.37	22.50
1.4	1	LOW	64QAM	21.45	21.85	21.42	22.50
		MID	64QAM	21.54	21.71	21.32	22.50
		HIGH	64QAM	21.08	21.81	21.31	22.50
	3	LOW	64QAM	21.45	21.80	21.31	22.50
		MID	64QAM	21.55	21.67	21.23	22.50
		HIGH	64QAM	21.14	21.78	21.12	22.50
	6	LOW	64QAM	20.64	20.48	20.68	21.50
Bandwidth (	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	23.30	23.34	**23.48**	24.50
		MID	QPSK	23.30	23.28	23.23	24.50
		HIGH	QPSK	23.23	23.13	23.14	24.50
	8	LOW	QPSK	22.48	22.29	22.32	23.50
		MID	QPSK	22.57	22.31	**22.61**	23.50
		HIGH	QPSK	22.46	22.35	22.33	23.50
	15	LOW	QPSK	22.30	**22.46**	22.33	23.50
3	1	LOW	Q16	22.23	22.90	22.26	23.50
		MID	Q16	22.32	22.98	22.32	23.50
		HIGH	Q16	22.29	22.82	22.29	23.50
	8	LOW	Q16	21.35	21.44	21.43	22.50
		MID	Q16	21.51	21.53	21.47	22.50
		HIGH	Q16	21.32	21.61	21.58	22.50
	15	LOW	Q16	21.54	21.39	21.26	22.50
3	1	LOW	64QAM	21.43	21.78	21.33	22.50
		MID	64QAM	21.63	21.93	21.39	22.50
		HIGH	64QAM	21.42	21.83	21.19	22.50
	8	LOW	64QAM	20.57	20.80	20.86	21.50
		MID	64QAM	20.59	20.48	20.73	21.50
		HIGH	64QAM	20.29	20.57	20.81	21.50
	15	LOW	64QAM	20.62	20.67	20.64	21.50

Bandwidth (	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	**23.51**	23.27	23.41	24.50
		MID	QPSK	23.21	23.10	23.47	24.50
		HIGH	QPSK	23.44	23.32	23.26	24.50
	12	LOW	QPSK	22.32	22.47	22.23	23.50
		MID	QPSK	**22.66**	22.31	22.37	23.50
		HIGH	QPSK	22.59	22.23	22.38	23.50
	25	LOW	QPSK	**22.57**	22.46	22.33	23.50
5	1	LOW	Q16	22.32	22.65	22.37	23.50
		MID	Q16	22.32	22.80	22.45	23.50
		HIGH	Q16	22.15	22.73	22.18	23.50
	12	LOW	Q16	21.41	21.59	21.37	22.50
		MID	Q16	21.77	21.63	21.43	22.50
		HIGH	Q16	21.54	21.61	21.47	22.50
	25	LOW	Q16	21.30	21.60	21.48	22.50
5	1	LOW	64QAM	21.43	21.80	21.44	22.50
		MID	64QAM	21.61	21.80	21.34	22.50
		HIGH	64QAM	21.25	21.72	21.16	22.50
	12	LOW	64QAM	20.62	20.94	20.76	21.50
		MID	64QAM	20.55	20.54	20.65	21.50
		HIGH	64QAM	20.29	20.79	20.76	21.50
	25	LOW	64QAM	20.49	20.69	20.74	21.50
Bandwidth (	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**23.42**	23.34	23.39	24.50
		MID	QPSK	23.37	23.33	23.40	24.50
		HIGH	QPSK	23.35	23.32	23.26	24.50
	25	LOW	QPSK	22.50	22.49	22.48	23.50
		MID	QPSK	22.55	22.56	22.50	23.50
		HIGH	QPSK	**22.57**	22.48	22.49	23.50
	50	LOW	QPSK	**22.55**	22.51	22.40	23.50
10	1	LOW	Q16	22.45	22.90	22.46	23.50
		MID	Q16	22.45	22.89	22.45	23.50
		HIGH	Q16	22.31	22.87	22.31	23.50
	25	LOW	Q16	21.54	21.57	21.56	22.50
		MID	Q16	21.66	21.57	21.60	22.50
		HIGH	Q16	21.56	21.55	21.58	22.50
	50	LOW	Q16	21.54	21.58	21.50	22.50
10	1	LOW	64QAM	21.58	21.89	21.48	22.50
		MID	64QAM	21.63	21.91	21.43	22.50
		HIGH	64QAM	21.31	21.96	21.40	22.50
	25	LOW	64QAM	20.74	20.88	20.78	21.50
		MID	64QAM	20.69	20.62	20.86	21.50
		HIGH	64QAM	20.52	20.69	20.89	21.50
	50	LOW	64QAM	20.72	20.69	20.72	21.50

8.3.6 LTE Band13 Output Power

LTE B13-State 12 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.28	24.50
		MID	QPSK	23.09	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.26	23.50
		MID	QPSK	22.11	23.50
		HIGH	QPSK	22.71	23.50
	25	LOW	QPSK	22.34	23.50
5	1	LOW	Q16	22.66	23.50
		MID	Q16	22.86	23.50
		HIGH	Q16	22.61	23.50
	12	LOW	Q16	21.52	22.50
		MID	Q16	21.31	22.50
		HIGH	Q16	21.51	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.75	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.74	22.50
	12	LOW	64QAM	20.55	21.50
		MID	64QAM	20.49	21.50
		HIGH	64QAM	20.56	21.50
	25	LOW	64QAM	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.19	24.50
		MID	QPSK	**23.28**	24.50
		HIGH	QPSK	23.22	24.50
	25	LOW	QPSK	22.26	23.50
		MID	QPSK	22.31	23.50
		HIGH	QPSK	**22.62**	23.50
	50	LOW	QPSK	**22.50**	23.50
10	1	LOW	Q16	22.77	23.50
		MID	Q16	22.84	23.50
		HIGH	Q16	22.79	23.50
	25	LOW	Q16	21.52	22.50
		MID	Q16	21.46	22.50
		HIGH	Q16	21.55	22.50
	50	LOW	Q16	21.44	22.50
10	1	LOW	64QAM	21.88	22.50
		MID	64QAM	21.93	22.50
		HIGH	64QAM	21.83	22.50
	25	LOW	64QAM	20.61	21.50
		MID	64QAM	20.70	21.50
		HIGH	64QAM	20.75	21.50
	50	LOW	64QAM	20.53	21.50

LTE B13-State 16 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	22.03	23.00
		MID	QPSK	22.21	23.00
		HIGH	QPSK	22.29	23.00
	12	LOW	QPSK	22.09	23.00
		MID	QPSK	22.35	23.00
		HIGH	QPSK	21.74	23.00
	25	LOW	QPSK	22.09	23.00
5	1	LOW	Q16	22.35	23.00
		MID	Q16	22.15	23.00
		HIGH	Q16	22.13	23.00
	12	LOW	Q16	21.97	22.50
		MID	Q16	22.03	22.50
		HIGH	Q16	21.93	22.50
	25	LOW	Q16	21.66	22.50
5	1	LOW	64QAM	21.88	22.50
		MID	64QAM	22.22	22.50
		HIGH	64QAM	21.90	22.50
	12	LOW	64QAM	20.58	21.50
		MID	64QAM	20.86	21.50
		HIGH	64QAM	21.01	21.50
	25	LOW	64QAM	20.77	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	**22.05**	23.00
		MID	QPSK	22.03	23.00
		HIGH	QPSK	22.02	23.00
	25	LOW	QPSK	**22.07**	23.00
		MID	QPSK	22.04	23.00
		HIGH	QPSK	21.78	23.00
	50	LOW	QPSK	**22.07**	23.00
10	1	LOW	Q16	22.35	23.00
		MID	Q16	22.15	23.00
		HIGH	Q16	22.06	23.00
	25	LOW	Q16	21.77	22.50
		MID	Q16	21.79	22.50
		HIGH	Q16	21.80	22.50
	50	LOW	Q16	21.68	22.50
10	1	LOW	64QAM	22.08	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.81	22.50
	25	LOW	64QAM	20.73	21.50
		MID	64QAM	20.84	21.50
		HIGH	64QAM	20.80	21.50
	50	LOW	64QAM	20.75	21.50

LTE B13-State 18 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	19.25	20.50
		MID	QPSK	19.46	20.50
		HIGH	QPSK	**19.58**	20.50
	12	LOW	QPSK	**19.60**	20.50
		MID	QPSK	19.54	20.50
		HIGH	QPSK	19.57	20.50
	25	LOW	QPSK	**19.66**	20.50
5	1	LOW	Q16	19.30	20.50
		MID	Q16	19.42	20.50
		HIGH	Q16	19.41	20.50
	12	LOW	Q16	19.52	20.50
		MID	Q16	19.49	20.50
		HIGH	Q16	19.74	20.50
	25	LOW	Q16	19.44	20.50
5	1	LOW	64QAM	19.17	20.50
		MID	64QAM	19.28	20.50
		HIGH	64QAM	19.35	20.50
	12	LOW	64QAM	19.58	20.50
		MID	64QAM	19.37	20.50
		HIGH	64QAM	19.76	20.50
	25	LOW	64QAM	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	19.41	20.50
		MID	QPSK	19.48	20.50
		HIGH	QPSK	**19.50**	20.50
	25	LOW	QPSK	19.52	20.50
		MID	QPSK	19.54	20.50
		HIGH	QPSK	**19.57**	20.50
	50	LOW	QPSK	**19.60**	20.50
10	1	LOW	Q16	19.44	20.50
		MID	Q16	19.48	20.50
		HIGH	Q16	19.49	20.50
	25	LOW	Q16	19.56	20.50
		MID	Q16	19.61	20.50
		HIGH	Q16	19.64	20.50
	50	LOW	Q16	19.52	20.50
10	1	LOW	64QAM	19.32	20.50
		MID	64QAM	19.30	20.50
		HIGH	64QAM	19.35	20.50
	25	LOW	64QAM	19.48	20.50
		MID	64QAM	19.53	20.50
		HIGH	64QAM	19.68	20.50
	50	LOW	64QAM	19.34	20.50

LTE B13-State 20 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	19.25	20.50
		MID	QPSK	19.46	20.50
		HIGH	QPSK	**19.58**	20.50
	12	LOW	QPSK	**19.60**	20.50
		MID	QPSK	19.54	20.50
		HIGH	QPSK	19.57	20.50
	25	LOW	QPSK	**19.66**	20.50
5	1	LOW	Q16	19.30	20.50
		MID	Q16	19.42	20.50
		HIGH	Q16	19.41	20.50
	12	LOW	Q16	19.52	20.50
		MID	Q16	19.49	20.50
		HIGH	Q16	19.74	20.50
	25	LOW	Q16	19.44	20.50
5	1	LOW	64QAM	19.17	20.50
		MID	64QAM	19.28	20.50
		HIGH	64QAM	19.35	20.50
	12	LOW	64QAM	19.58	20.50
		MID	64QAM	19.37	20.50
		HIGH	64QAM	19.76	20.50
	25	LOW	64QAM	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	19.41	20.50
		MID	QPSK	19.48	20.50
		HIGH	QPSK	**19.50**	20.50
	25	LOW	QPSK	19.52	20.50
		MID	QPSK	19.54	20.50
		HIGH	QPSK	**19.57**	20.50
	50	LOW	QPSK	**19.60**	20.50
10	1	LOW	Q16	19.44	20.50
		MID	Q16	19.48	20.50
		HIGH	Q16	19.49	20.50
	25	LOW	Q16	19.56	20.50
		MID	Q16	19.61	20.50
		HIGH	Q16	19.64	20.50
	50	LOW	Q16	19.52	20.50
10	1	LOW	64QAM	19.32	20.50
		MID	64QAM	19.30	20.50
		HIGH	64QAM	19.35	20.50
	25	LOW	64QAM	19.48	20.50
		MID	64QAM	19.53	20.50
		HIGH	64QAM	19.68	20.50
	50	LOW	64QAM	19.34	20.50

LTE B13-State 11-Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	**23.28**	24.50
		MID	QPSK	23.09	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.26	23.50
		MID	QPSK	22.11	23.50
		HIGH	QPSK	**22.71**	23.50
	25	LOW	QPSK	**22.34**	23.50
5	1	LOW	Q16	22.66	23.50
		MID	Q16	22.86	23.50
		HIGH	Q16	22.61	23.50
	12	LOW	Q16	21.52	22.50
		MID	Q16	21.31	22.50
		HIGH	Q16	21.51	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.75	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.74	22.50
	12	LOW	64QAM	20.55	21.50
		MID	64QAM	20.49	21.50
		HIGH	64QAM	20.56	21.50
	25	LOW	64QAM	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.19	24.50
		MID	QPSK	**23.28**	24.50
		HIGH	QPSK	23.22	24.50
	25	LOW	QPSK	22.26	23.50
		MID	QPSK	22.31	23.50
		HIGH	QPSK	**22.62**	23.50
	50	LOW	QPSK	**22.50**	23.50
10	1	LOW	Q16	22.77	23.50
		MID	Q16	22.84	23.50
		HIGH	Q16	22.79	23.50
	25	LOW	Q16	21.52	22.50
		MID	Q16	21.46	22.50
		HIGH	Q16	21.55	22.50
	50	LOW	Q16	21.44	22.50
10	1	LOW	64QAM	21.88	22.50
		MID	64QAM	21.93	22.50
		HIGH	64QAM	21.83	22.50
	25	LOW	64QAM	20.61	21.50
		MID	64QAM	20.70	21.50
		HIGH	64QAM	20.75	21.50
	50	LOW	64QAM	20.53	21.50

LTE B13-State 15 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	**23.28**	24.50
		MID	QPSK	23.09	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.26	23.50
		MID	QPSK	22.11	23.50
		HIGH	QPSK	**22.71**	23.50
	25	LOW	QPSK	**22.34**	23.50
5	1	LOW	Q16	22.66	23.50
		MID	Q16	22.86	23.50
		HIGH	Q16	22.61	23.50
	12	LOW	Q16	21.52	22.50
		MID	Q16	21.31	22.50
		HIGH	Q16	21.51	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.75	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.74	22.50
	12	LOW	64QAM	20.55	21.50
		MID	64QAM	20.49	21.50
		HIGH	64QAM	20.56	21.50
	25	LOW	64QAM	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.19	24.50
		MID	QPSK	**23.28**	24.50
		HIGH	QPSK	23.22	24.50
	25	LOW	QPSK	22.26	23.50
		MID	QPSK	22.31	23.50
		HIGH	QPSK	**22.62**	23.50
	50	LOW	QPSK	**22.50**	23.50
10	1	LOW	Q16	22.77	23.50
		MID	Q16	22.84	23.50
		HIGH	Q16	22.79	23.50
	25	LOW	Q16	21.52	22.50
		MID	Q16	21.46	22.50
		HIGH	Q16	21.55	22.50
	50	LOW	Q16	21.44	22.50
10	1	LOW	64QAM	21.88	22.50
		MID	64QAM	21.93	22.50
		HIGH	64QAM	21.83	22.50
	25	LOW	64QAM	20.61	21.50
		MID	64QAM	20.70	21.50
		HIGH	64QAM	20.75	21.50
	50	LOW	64QAM	20.53	21.50

LTE B13-State 17 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	**23.28**	24.50
		MID	QPSK	23.09	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.26	23.50
		MID	QPSK	22.11	23.50
		HIGH	QPSK	**22.71**	23.50
	25	LOW	QPSK	**22.34**	23.50
5	1	LOW	Q16	22.66	23.50
		MID	Q16	22.86	23.50
		HIGH	Q16	22.61	23.50
	12	LOW	Q16	21.52	22.50
		MID	Q16	21.31	22.50
		HIGH	Q16	21.51	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.75	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.74	22.50
	12	LOW	64QAM	20.55	21.50
		MID	64QAM	20.49	21.50
		HIGH	64QAM	20.56	21.50
	25	LOW	64QAM	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.19	24.50
		MID	QPSK	**23.28**	24.50
		HIGH	QPSK	23.22	24.50
	25	LOW	QPSK	22.26	23.50
		MID	QPSK	22.31	23.50
		HIGH	QPSK	**22.62**	23.50
	50	LOW	QPSK	**22.50**	23.50
10	1	LOW	Q16	22.77	23.50
		MID	Q16	22.84	23.50
		HIGH	Q16	22.79	23.50
	25	LOW	Q16	21.52	22.50
		MID	Q16	21.46	22.50
		HIGH	Q16	21.55	22.50
	50	LOW	Q16	21.44	22.50
10	1	LOW	64QAM	21.88	22.50
		MID	64QAM	21.93	22.50
		HIGH	64QAM	21.83	22.50
	25	LOW	64QAM	20.61	21.50
		MID	64QAM	20.70	21.50
		HIGH	64QAM	20.75	21.50
	50	LOW	64QAM	20.53	21.50

LTE B13-State 19 -Ant.1					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	**23.28**	24.50
		MID	QPSK	23.09	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.26	23.50
		MID	QPSK	22.11	23.50
		HIGH	QPSK	**22.71**	23.50
	25	LOW	QPSK	**22.34**	23.50
5	1	LOW	Q16	22.66	23.50
		MID	Q16	22.86	23.50
		HIGH	Q16	22.61	23.50
	12	LOW	Q16	21.52	22.50
		MID	Q16	21.31	22.50
		HIGH	Q16	21.51	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.75	22.50
		MID	64QAM	21.89	22.50
		HIGH	64QAM	21.74	22.50
	12	LOW	64QAM	20.55	21.50
		MID	64QAM	20.49	21.50
		HIGH	64QAM	20.56	21.50
	25	LOW	64QAM	20.39	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.19	24.50
		MID	QPSK	**23.28**	24.50
		HIGH	QPSK	23.22	24.50
	25	LOW	QPSK	22.26	23.50
		MID	QPSK	22.31	23.50
		HIGH	QPSK	**22.62**	23.50
	50	LOW	QPSK	**22.50**	23.50
10	1	LOW	Q16	22.77	23.50
		MID	Q16	22.84	23.50
		HIGH	Q16	22.79	23.50
	25	LOW	Q16	21.52	22.50
		MID	Q16	21.46	22.50
		HIGH	Q16	21.55	22.50
	50	LOW	Q16	21.44	22.50
10	1	LOW	64QAM	21.88	22.50
		MID	64QAM	21.93	22.50
		HIGH	64QAM	21.83	22.50
	25	LOW	64QAM	20.61	21.50
		MID	64QAM	20.70	21.50
		HIGH	64QAM	20.75	21.50
	50	LOW	64QAM	20.53	21.50

LTE B13-State 12 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	23.24	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	22.43	23.50
	25	LOW	QPSK	22.24	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 16 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	23.24	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	22.43	23.50
	25	LOW	QPSK	22.24	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 18 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 20 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 11-Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 15 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 17 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

LTE B13-State 19 -Ant.0					
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
5	1	LOW	QPSK	23.04	24.50
		MID	QPSK	**23.24**	24.50
		HIGH	QPSK	23.13	24.50
	12	LOW	QPSK	22.10	23.50
		MID	QPSK	22.18	23.50
		HIGH	QPSK	**22.43**	23.50
	25	LOW	QPSK	**22.24**	23.50
5	1	LOW	Q16	22.07	23.50
		MID	Q16	22.44	23.50
		HIGH	Q16	22.45	23.50
	12	LOW	Q16	21.07	22.50
		MID	Q16	21.44	22.50
		HIGH	Q16	21.55	22.50
	25	LOW	Q16	21.20	22.50
5	1	LOW	64QAM	21.52	22.50
		MID	64QAM	21.30	22.50
		HIGH	64QAM	21.32	22.50
	12	LOW	64QAM	19.93	21.50
		MID	64QAM	20.72	21.50
		HIGH	64QAM	20.58	21.50
	25	LOW	64QAM	20.34	21.50
Bandwidth (	RB Size	RB offest	Modulation	23230	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	24.50
		MID	QPSK	23.31	24.50
		HIGH	QPSK	**23.34**	24.50
	25	LOW	QPSK	22.35	23.50
		MID	QPSK	22.43	23.50
		HIGH	QPSK	**22.45**	23.50
	50	LOW	QPSK	**22.42**	23.50
10	1	LOW	Q16	22.32	23.50
		MID	Q16	22.37	23.50
		HIGH	Q16	22.36	23.50
	25	LOW	Q16	20.97	22.50
		MID	Q16	21.48	22.50
		HIGH	Q16	21.51	22.50
	50	LOW	Q16	21.41	22.50
10	1	LOW	64QAM	21.63	22.50
		MID	64QAM	21.32	22.50
		HIGH	64QAM	21.54	22.50
	25	LOW	64QAM	20.11	21.50
		MID	64QAM	20.62	21.50
		HIGH	64QAM	20.54	21.50
	50	LOW	64QAM	20.40	21.50

8.3.7 LTE Band17 Output Power

LTE B17-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.14	23.34	24.50
		MID	QPSK	23.50	23.18	23.14	24.50
		HIGH	QPSK	23.30	23.26	23.34	24.50
	12	LOW	QPSK	22.25	22.52	22.27	23.50
		MID	QPSK	22.33	22.50	22.34	23.50
		HIGH	QPSK	22.34	22.60	22.56	23.50
	25	LOW	QPSK	22.47	22.41	22.38	23.50
5	1	LOW	Q16	22.18	22.76	22.43	23.50
		MID	Q16	22.06	23.11	22.47	23.50
		HIGH	Q16	22.03	23.15	21.99	23.50
	12	LOW	Q16	21.22	21.22	21.51	22.50
		MID	Q16	21.35	21.28	21.43	22.50
		HIGH	Q16	21.37	21.37	21.69	22.50
	25	LOW	Q16	21.57	21.38	21.42	22.50
5	1	LOW	64QAM	21.34	22.01	21.22	22.50
		MID	64QAM	21.37	22.07	21.32	22.50
		HIGH	64QAM	21.08	22.17	21.11	22.50
	12	LOW	64QAM	20.42	20.48	20.56	21.50
		MID	64QAM	20.56	20.48	20.64	21.50
		HIGH	64QAM	20.39	20.56	20.63	21.50
	25	LOW	64QAM	20.53	20.26	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.35	23.29	24.50
		MID	QPSK	**23.43**	23.37	23.35	24.50
		HIGH	QPSK	23.30	23.21	23.27	24.50
	25	LOW	QPSK	22.36	22.41	22.34	23.50
		MID	QPSK	**22.56**	22.50	22.47	23.50
		HIGH	QPSK	22.54	22.55	22.45	23.50
	50	LOW	QPSK	**22.49**	22.39	22.38	23.50
10	1	LOW	Q16	22.40	22.97	22.39	23.50
		MID	Q16	22.26	23.04	22.36	23.50
		HIGH	Q16	22.28	23.08	22.15	23.50
	25	LOW	Q16	21.39	21.43	21.47	22.50
		MID	Q16	21.50	21.49	21.60	22.50
		HIGH	Q16	21.52	21.54	21.60	22.50
	50	LOW	Q16	21.48	21.42	21.48	22.50
10	1	LOW	64QAM	21.49	22.19	21.46	22.50
		MID	64QAM	21.50	22.29	21.47	22.50
		HIGH	64QAM	21.23	22.10	21.26	22.50
	25	LOW	64QAM	20.65	20.48	20.52	21.50
		MID	64QAM	20.70	20.54	20.58	21.50
		HIGH	64QAM	20.55	20.52	20.61	21.50
	50	LOW	64QAM	20.55	20.49	20.44	21.50

LTE B17-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	21.89	21.85	21.80	23.00
		MID	QPSK	21.69	22.04	21.93	23.00
		HIGH	QPSK	21.79	21.99	21.72	23.00
	12	LOW	QPSK	22.06	22.06	21.75	23.00
		MID	QPSK	21.97	22.08	21.80	23.00
		HIGH	QPSK	22.05	21.88	21.94	23.00
	25	LOW	QPSK	22.07	21.87	21.96	23.00
5	1	LOW	Q16	22.16	21.93	21.82	23.00
		MID	Q16	22.19	21.84	22.08	23.00
		HIGH	Q16	22.21	21.82	21.54	23.00
	12	LOW	Q16	21.60	21.69	21.67	22.50
		MID	Q16	21.94	21.81	21.89	22.50
		HIGH	Q16	21.96	21.80	21.76	22.50
	25	LOW	Q16	21.72	21.84	21.76	22.50
5	1	LOW	64QAM	21.51	21.91	21.58	22.50
		MID	64QAM	21.90	22.02	21.63	22.50
		HIGH	64QAM	21.87	21.92	21.76	22.50
	12	LOW	64QAM	21.01	21.21	20.95	21.50
		MID	64QAM	20.73	21.01	21.05	21.50
		HIGH	64QAM	21.10	20.94	20.66	21.50
	25	LOW	64QAM	20.97	21.12	21.00	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	21.89	21.81	21.91	23.00
		MID	QPSK	21.89	**21.95**	21.91	23.00
		HIGH	QPSK	21.81	21.88	21.92	23.00
	25	LOW	QPSK	21.99	21.95	21.93	23.00
		MID	QPSK	22.01	22.08	21.95	23.00
		HIGH	QPSK	22.09	**22.10**	22.03	23.00
	50	LOW	QPSK	21.98	**22.00**	21.98	23.00
10	1	LOW	Q16	22.12	22.11	21.95	23.00
		MID	Q16	22.19	21.99	21.97	23.00
		HIGH	Q16	22.17	21.93	21.78	23.00
	25	LOW	Q16	21.84	21.91	21.84	22.50
		MID	Q16	21.94	21.96	21.78	22.50
		HIGH	Q16	21.94	21.98	21.91	22.50
	50	LOW	Q16	21.81	21.84	21.76	22.50
10	1	LOW	64QAM	21.64	21.95	21.71	22.50
		MID	64QAM	21.92	22.00	21.78	22.50
		HIGH	64QAM	21.98	21.83	21.80	22.50
	25	LOW	64QAM	20.95	21.13	21.08	21.50
		MID	64QAM	20.92	21.05	21.07	21.50
		HIGH	64QAM	21.10	21.00	20.89	21.50
	50	LOW	64QAM	21.12	21.08	20.98	21.50

LTE B17-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.05	19.03	20.50
		MID	QPSK	19.09	**19.16**	19.08	20.50
		HIGH	QPSK	19.08	18.96	**19.16**	20.50
	12	LOW	QPSK	18.89	19.33	19.22	20.50
		MID	QPSK	19.15	19.37	19.16	20.50
		HIGH	QPSK	19.13	19.19	**19.39**	20.50
	25	LOW	QPSK	19.11	**19.23**	19.05	20.50
5	1	LOW	Q16	19.07	19.47	19.28	20.50
		MID	Q16	19.04	19.57	19.22	20.50
		HIGH	Q16	19.15	19.31	19.04	20.50
	12	LOW	Q16	19.31	19.42	19.33	20.50
		MID	Q16	19.31	19.33	19.26	20.50
		HIGH	Q16	19.36	19.26	19.38	20.50
	25	LOW	Q16	19.07	19.07	19.39	20.50
5	1	LOW	64QAM	19.17	19.18	19.34	20.50
		MID	64QAM	18.74	19.27	19.17	20.50
		HIGH	64QAM	18.92	19.46	19.33	20.50
	12	LOW	64QAM	19.10	19.15	19.31	20.50
		MID	64QAM	19.25	19.08	19.03	20.50
		HIGH	64QAM	19.36	19.00	19.22	20.50
	25	LOW	64QAM	19.07	19.34	19.39	20.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	19.15	**19.18**	19.09	20.50
		MID	QPSK	19.09	19.16	19.14	20.50
		HIGH	QPSK	19.08	19.17	19.14	20.50
	25	LOW	QPSK	19.10	19.25	19.18	20.50
		MID	QPSK	19.25	19.33	19.26	20.50
		HIGH	QPSK	19.23	**19.34**	19.33	20.50
	50	LOW	QPSK	19.13	**19.27**	19.24	20.50
10	1	LOW	Q16	19.11	19.47	19.34	20.50
		MID	Q16	19.04	19.51	19.32	20.50
		HIGH	Q16	19.07	19.52	19.23	20.50
	25	LOW	Q16	19.25	19.32	19.31	20.50
		MID	Q16	19.37	19.33	19.34	20.50
		HIGH	Q16	19.28	19.40	19.46	20.50
	50	LOW	Q16	19.17	19.28	19.31	20.50
10	1	LOW	64QAM	19.09	19.28	19.32	20.50
		MID	64QAM	18.93	19.33	19.11	20.50
		HIGH	64QAM	19.13	19.38	19.25	20.50
	25	LOW	64QAM	19.27	19.17	19.37	20.50
		MID	64QAM	19.31	19.21	19.24	20.50
		HIGH	64QAM	19.34	19.19	19.34	20.50
	50	LOW	64QAM	19.15	19.26	19.37	20.50

LTE B17-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.05	19.03	20.50
		MID	QPSK	19.09	**19.16**	19.08	20.50
		HIGH	QPSK	19.08	18.96	**19.16**	20.50
	12	LOW	QPSK	18.89	19.33	19.22	20.50
		MID	QPSK	19.15	19.37	19.16	20.50
		HIGH	QPSK	19.13	19.19	**19.39**	20.50
	25	LOW	QPSK	19.11	**19.23**	19.05	20.50
5	1	LOW	Q16	19.07	19.47	19.28	20.50
		MID	Q16	19.04	19.57	19.22	20.50
		HIGH	Q16	19.15	19.31	19.04	20.50
	12	LOW	Q16	19.31	19.42	19.33	20.50
		MID	Q16	19.31	19.33	19.26	20.50
		HIGH	Q16	19.36	19.26	19.38	20.50
	25	LOW	Q16	19.07	19.07	19.39	20.50
5	1	LOW	64QAM	19.17	19.18	19.34	20.50
		MID	64QAM	18.74	19.27	19.17	20.50
		HIGH	64QAM	18.92	19.46	19.33	20.50
	12	LOW	64QAM	19.10	19.15	19.31	20.50
		MID	64QAM	19.25	19.08	19.03	20.50
		HIGH	64QAM	19.36	19.00	19.22	20.50
	25	LOW	64QAM	19.07	19.34	19.39	20.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	19.15	**19.18**	19.09	20.50
		MID	QPSK	19.09	19.16	19.14	20.50
		HIGH	QPSK	19.08	19.17	19.14	20.50
	25	LOW	QPSK	19.10	19.25	19.18	20.50
		MID	QPSK	19.25	19.33	19.26	20.50
		HIGH	QPSK	19.23	**19.34**	19.33	20.50
	50	LOW	QPSK	19.13	**19.27**	19.24	20.50
10	1	LOW	Q16	19.11	19.47	19.34	20.50
		MID	Q16	19.04	19.51	19.32	20.50
		HIGH	Q16	19.07	19.52	19.23	20.50
	25	LOW	Q16	19.25	19.32	19.31	20.50
		MID	Q16	19.37	19.33	19.34	20.50
		HIGH	Q16	19.28	19.40	19.46	20.50
	50	LOW	Q16	19.17	19.28	19.31	20.50
10	1	LOW	64QAM	19.09	19.28	19.32	20.50
		MID	64QAM	18.93	19.33	19.11	20.50
		HIGH	64QAM	19.13	19.38	19.25	20.50
	25	LOW	64QAM	19.27	19.17	19.37	20.50
		MID	64QAM	19.31	19.21	19.24	20.50
		HIGH	64QAM	19.34	19.19	19.34	20.50
	50	LOW	64QAM	19.15	19.26	19.37	20.50

LTE B17-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.14	23.34	24.50
		MID	QPSK	**23.50**	23.18	23.14	24.50
		HIGH	QPSK	23.30	23.26	23.34	24.50
	12	LOW	QPSK	22.25	22.52	22.27	23.50
		MID	QPSK	22.33	22.50	22.34	23.50
		HIGH	QPSK	22.34	**22.60**	22.56	23.50
	25	LOW	QPSK	**22.47**	22.41	22.38	23.50
5	1	LOW	Q16	22.18	22.76	22.43	23.50
		MID	Q16	22.06	23.11	22.47	23.50
		HIGH	Q16	22.03	23.15	21.99	23.50
	12	LOW	Q16	21.22	21.22	21.51	22.50
		MID	Q16	21.35	21.28	21.43	22.50
		HIGH	Q16	21.37	21.37	21.69	22.50
	25	LOW	Q16	21.57	21.38	21.42	22.50
5	1	LOW	64QAM	21.34	22.01	21.22	22.50
		MID	64QAM	21.37	22.07	21.32	22.50
		HIGH	64QAM	21.08	22.17	21.11	22.50
	12	LOW	64QAM	20.42	20.48	20.56	21.50
		MID	64QAM	20.56	20.48	20.64	21.50
		HIGH	64QAM	20.39	20.56	20.63	21.50
	25	LOW	64QAM	20.53	20.26	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.35	23.29	24.50
		MID	QPSK	**23.43**	23.37	23.35	24.50
		HIGH	QPSK	23.30	23.21	23.27	24.50
	25	LOW	QPSK	22.36	22.41	22.34	23.50
		MID	QPSK	**22.56**	22.50	22.47	23.50
		HIGH	QPSK	22.54	22.55	22.45	23.50
	50	LOW	QPSK	**22.49**	22.39	22.38	23.50
10	1	LOW	Q16	22.40	22.97	22.39	23.50
		MID	Q16	22.26	23.04	22.36	23.50
		HIGH	Q16	22.28	23.08	22.15	23.50
	25	LOW	Q16	21.39	21.43	21.47	22.50
		MID	Q16	21.50	21.49	21.60	22.50
		HIGH	Q16	21.52	21.54	21.60	22.50
	50	LOW	Q16	21.48	21.42	21.48	22.50
10	1	LOW	64QAM	21.49	22.19	21.46	22.50
		MID	64QAM	21.50	22.29	21.47	22.50
		HIGH	64QAM	21.23	22.10	21.26	22.50
	25	LOW	64QAM	20.65	20.48	20.52	21.50
		MID	64QAM	20.70	20.54	20.58	21.50
		HIGH	64QAM	20.55	20.52	20.61	21.50
	50	LOW	64QAM	20.55	20.49	20.44	21.50

LTE B17-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.14	23.34	24.50
		MID	QPSK	**23.50**	23.18	23.14	24.50
		HIGH	QPSK	23.30	23.26	23.34	24.50
	12	LOW	QPSK	22.25	22.52	22.27	23.50
		MID	QPSK	22.33	22.50	22.34	23.50
		HIGH	QPSK	22.34	**22.60**	22.56	23.50
	25	LOW	QPSK	**22.47**	22.41	22.38	23.50
5	1	LOW	Q16	22.18	22.76	22.43	23.50
		MID	Q16	22.06	23.11	22.47	23.50
		HIGH	Q16	22.03	23.15	21.99	23.50
	12	LOW	Q16	21.22	21.22	21.51	22.50
		MID	Q16	21.35	21.28	21.43	22.50
		HIGH	Q16	21.37	21.37	21.69	22.50
	25	LOW	Q16	21.57	21.38	21.42	22.50
5	1	LOW	64QAM	21.34	22.01	21.22	22.50
		MID	64QAM	21.37	22.07	21.32	22.50
		HIGH	64QAM	21.08	22.17	21.11	22.50
	12	LOW	64QAM	20.42	20.48	20.56	21.50
		MID	64QAM	20.56	20.48	20.64	21.50
		HIGH	64QAM	20.39	20.56	20.63	21.50
	25	LOW	64QAM	20.53	20.26	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.35	23.29	24.50
		MID	QPSK	**23.43**	23.37	23.35	24.50
		HIGH	QPSK	23.30	23.21	23.27	24.50
	25	LOW	QPSK	22.36	22.41	22.34	23.50
		MID	QPSK	**22.56**	22.50	22.47	23.50
		HIGH	QPSK	22.54	22.55	22.45	23.50
	50	LOW	QPSK	**22.49**	22.39	22.38	23.50
10	1	LOW	Q16	22.40	22.97	22.39	23.50
		MID	Q16	22.26	23.04	22.36	23.50
		HIGH	Q16	22.28	23.08	22.15	23.50
	25	LOW	Q16	21.39	21.43	21.47	22.50
		MID	Q16	21.50	21.49	21.60	22.50
		HIGH	Q16	21.52	21.54	21.60	22.50
	50	LOW	Q16	21.48	21.42	21.48	22.50
10	1	LOW	64QAM	21.49	22.19	21.46	22.50
		MID	64QAM	21.50	22.29	21.47	22.50
		HIGH	64QAM	21.23	22.10	21.26	22.50
	25	LOW	64QAM	20.65	20.48	20.52	21.50
		MID	64QAM	20.70	20.54	20.58	21.50
		HIGH	64QAM	20.55	20.52	20.61	21.50
	50	LOW	64QAM	20.55	20.49	20.44	21.50

LTE B17-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.14	23.34	24.50
		MID	QPSK	**23.50**	23.18	23.14	24.50
		HIGH	QPSK	23.30	23.26	23.34	24.50
	12	LOW	QPSK	22.25	22.52	22.27	23.50
		MID	QPSK	22.33	22.50	22.34	23.50
		HIGH	QPSK	22.34	**22.60**	22.56	23.50
	25	LOW	QPSK	**22.47**	22.41	22.38	23.50
5	1	LOW	Q16	22.18	22.76	22.43	23.50
		MID	Q16	22.06	23.11	22.47	23.50
		HIGH	Q16	22.03	23.15	21.99	23.50
	12	LOW	Q16	21.22	21.22	21.51	22.50
		MID	Q16	21.35	21.28	21.43	22.50
		HIGH	Q16	21.37	21.37	21.69	22.50
	25	LOW	Q16	21.57	21.38	21.42	22.50
5	1	LOW	64QAM	21.34	22.01	21.22	22.50
		MID	64QAM	21.37	22.07	21.32	22.50
		HIGH	64QAM	21.08	22.17	21.11	22.50
	12	LOW	64QAM	20.42	20.48	20.56	21.50
		MID	64QAM	20.56	20.48	20.64	21.50
		HIGH	64QAM	20.39	20.56	20.63	21.50
	25	LOW	64QAM	20.53	20.26	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.35	23.29	24.50
		MID	QPSK	**23.43**	23.37	23.35	24.50
		HIGH	QPSK	23.30	23.21	23.27	24.50
	25	LOW	QPSK	22.36	22.41	22.34	23.50
		MID	QPSK	**22.56**	22.50	22.47	23.50
		HIGH	QPSK	22.54	22.55	22.45	23.50
	50	LOW	QPSK	**22.49**	22.39	22.38	23.50
10	1	LOW	Q16	22.40	22.97	22.39	23.50
		MID	Q16	22.26	23.04	22.36	23.50
		HIGH	Q16	22.28	23.08	22.15	23.50
	25	LOW	Q16	21.39	21.43	21.47	22.50
		MID	Q16	21.50	21.49	21.60	22.50
		HIGH	Q16	21.52	21.54	21.60	22.50
	50	LOW	Q16	21.48	21.42	21.48	22.50
10	1	LOW	64QAM	21.49	22.19	21.46	22.50
		MID	64QAM	21.50	22.29	21.47	22.50
		HIGH	64QAM	21.23	22.10	21.26	22.50
	25	LOW	64QAM	20.65	20.48	20.52	21.50
		MID	64QAM	20.70	20.54	20.58	21.50
		HIGH	64QAM	20.55	20.52	20.61	21.50
	50	LOW	64QAM	20.55	20.49	20.44	21.50

LTE B17-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.14	23.34	24.50
		MID	QPSK	**23.50**	23.18	23.14	24.50
		HIGH	QPSK	23.30	23.26	23.34	24.50
	12	LOW	QPSK	22.25	22.52	22.27	23.50
		MID	QPSK	22.33	22.50	22.34	23.50
		HIGH	QPSK	22.34	**22.60**	22.56	23.50
	25	LOW	QPSK	**22.47**	22.41	22.38	23.50
5	1	LOW	Q16	22.18	22.76	22.43	23.50
		MID	Q16	22.06	23.11	22.47	23.50
		HIGH	Q16	22.03	23.15	21.99	23.50
	12	LOW	Q16	21.22	21.22	21.51	22.50
		MID	Q16	21.35	21.28	21.43	22.50
		HIGH	Q16	21.37	21.37	21.69	22.50
	25	LOW	Q16	21.57	21.38	21.42	22.50
5	1	LOW	64QAM	21.34	22.01	21.22	22.50
		MID	64QAM	21.37	22.07	21.32	22.50
		HIGH	64QAM	21.08	22.17	21.11	22.50
	12	LOW	64QAM	20.42	20.48	20.56	21.50
		MID	64QAM	20.56	20.48	20.64	21.50
		HIGH	64QAM	20.39	20.56	20.63	21.50
	25	LOW	64QAM	20.53	20.26	20.50	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.34	23.35	23.29	24.50
		MID	QPSK	**23.43**	23.37	23.35	24.50
		HIGH	QPSK	23.30	23.21	23.27	24.50
	25	LOW	QPSK	22.36	22.41	22.34	23.50
		MID	QPSK	**22.56**	22.50	22.47	23.50
		HIGH	QPSK	22.54	22.55	22.45	23.50
	50	LOW	QPSK	**22.49**	22.39	22.38	23.50
10	1	LOW	Q16	22.40	22.97	22.39	23.50
		MID	Q16	22.26	23.04	22.36	23.50
		HIGH	Q16	22.28	23.08	22.15	23.50
	25	LOW	Q16	21.39	21.43	21.47	22.50
		MID	Q16	21.50	21.49	21.60	22.50
		HIGH	Q16	21.52	21.54	21.60	22.50
	50	LOW	Q16	21.48	21.42	21.48	22.50
10	1	LOW	64QAM	21.49	22.19	21.46	22.50
		MID	64QAM	21.50	22.29	21.47	22.50
		HIGH	64QAM	21.23	22.10	21.26	22.50
	25	LOW	64QAM	20.65	20.48	20.52	21.50
		MID	64QAM	20.70	20.54	20.58	21.50
		HIGH	64QAM	20.55	20.52	20.61	21.50
	50	LOW	64QAM	20.55	20.49	20.44	21.50

LTE B17-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.54	23.54	24.50
		MID	QPSK	23.54	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	22.70	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	22.62	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 16 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	23.54	23.54	24.50
		MID	QPSK	23.54	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	22.70	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	22.62	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.58	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	22.63	22.58	22.55	23.50
	50	LOW	QPSK	22.55	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 20 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 11-Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 15 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

LTE B17-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.31	**23.54**	**23.54**	24.50
		MID	QPSK	**23.54**	23.34	23.37	24.50
		HIGH	QPSK	23.19	23.17	23.06	24.50
	12	LOW	QPSK	22.53	22.30	22.13	23.50
		MID	QPSK	**22.70**	22.32	22.42	23.50
		HIGH	QPSK	22.27	22.63	22.68	23.50
	25	LOW	QPSK	**22.62**	22.42	22.31	23.50
5	1	LOW	Q16	22.32	22.36	22.69	23.50
		MID	Q16	22.32	22.15	22.85	23.50
		HIGH	Q16	22.45	22.16	22.75	23.50
	12	LOW	Q16	21.41	21.43	21.41	22.50
		MID	Q16	21.70	21.56	21.53	22.50
		HIGH	Q16	21.61	21.51	21.47	22.50
	25	LOW	Q16	21.36	21.33	21.38	22.50
5	1	LOW	64QAM	21.37	21.45	21.74	22.50
		MID	64QAM	21.44	21.55	21.87	22.50
		HIGH	64QAM	21.36	21.36	21.81	22.50
	12	LOW	64QAM	20.61	20.44	20.52	21.50
		MID	64QAM	20.58	20.55	20.82	21.50
		HIGH	64QAM	20.83	20.64	20.46	21.50
	25	LOW	64QAM	20.47	20.56	20.35	21.50
Bandwidth (	RB Size	RB offest	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	**23.58**	23.56	23.56	24.50
		MID	QPSK	23.42	23.36	23.39	24.50
		HIGH	QPSK	23.35	23.36	23.27	24.50
	25	LOW	QPSK	22.44	22.43	22.33	23.50
		MID	QPSK	22.59	22.43	22.52	23.50
		HIGH	QPSK	**22.63**	22.58	22.55	23.50
	50	LOW	QPSK	**22.55**	22.42	22.44	23.50
10	1	LOW	Q16	22.39	22.47	22.90	23.50
		MID	Q16	22.41	22.40	22.99	23.50
		HIGH	Q16	22.41	22.29	22.77	23.50
	25	LOW	Q16	21.50	21.43	21.47	22.50
		MID	Q16	21.66	21.54	21.55	22.50
		HIGH	Q16	21.63	21.51	21.58	22.50
	50	LOW	Q16	21.53	21.42	21.44	22.50
10	1	LOW	64QAM	21.37	21.49	21.92	22.50
		MID	64QAM	21.59	21.53	21.96	22.50
		HIGH	64QAM	21.45	21.51	21.92	22.50
	25	LOW	64QAM	20.51	20.44	20.48	21.50
		MID	64QAM	20.64	20.74	20.86	21.50
		HIGH	64QAM	20.89	20.58	20.67	21.50
	50	LOW	64QAM	20.64	20.56	20.43	21.50

8.3.8 LTE Band26 Output Power

LTE B26-State 26 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.21	23.20	23.01	24.00
		MID	QPSK	22.95	23.03	22.76	24.00
		HIGH	QPSK	22.87	22.96	23.02	24.00
	3	LOW	QPSK	23.26	23.18	23.01	24.00
		MID	QPSK	22.72	22.87	22.83	24.00
		HIGH	QPSK	22.78	22.87	23.14	24.00
	6	LOW	QPSK	22.41	22.23	22.04	23.00
1.4	1	LOW	Q16	22.31	22.68	22.23	23.00
		MID	Q16	21.98	22.33	22.13	23.00
		HIGH	Q16	21.94	22.31	22.02	23.00
	3	LOW	Q16	22.24	22.75	22.14	23.00
		MID	Q16	22.09	22.20	21.93	23.00
		HIGH	Q16	21.70	22.09	21.98	23.00
	6	LOW	Q16	21.43	21.27	21.23	22.00
1.4	1	LOW	64QAM	21.29	21.80	21.49	22.00
		MID	64QAM	21.25	21.73	21.60	22.00
		HIGH	64QAM	20.91	21.25	21.46	22.00
	3	LOW	64QAM	21.27	21.65	21.25	22.00
		MID	64QAM	21.34	21.71	21.56	22.00
		HIGH	64QAM	20.93	21.12	21.42	22.00
	6	LOW	64QAM	20.48	20.41	20.07	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.13	22.83	24.00
		MID	QPSK	23.14	23.01	23.01	24.00
		HIGH	QPSK	23.10	22.89	23.00	24.00
	8	LOW	QPSK	22.45	22.12	22.11	23.00
		MID	QPSK	22.47	22.01	21.95	23.00
		HIGH	QPSK	22.28	22.07	22.10	23.00
	15	LOW	QPSK	22.28	22.34	22.26	23.00
3	1	LOW	Q16	22.31	22.50	22.45	23.00
		MID	Q16	22.09	22.53	22.38	23.00
		HIGH	Q16	21.79	22.58	22.26	23.00
	8	LOW	Q16	21.35	21.34	20.95	22.00
		MID	Q16	21.17	21.28	21.02	22.00
		HIGH	Q16	21.39	21.41	21.23	22.00
	15	LOW	Q16	21.30	21.17	20.97	22.00
3	1	LOW	64QAM	21.22	21.86	21.53	22.00
		MID	64QAM	21.34	21.93	21.40	22.00
		HIGH	64QAM	21.22	21.25	21.39	22.00
	8	LOW	64QAM	20.34	20.32	20.39	21.00
		MID	64QAM	20.51	20.31	20.45	21.00
		HIGH	64QAM	20.69	20.46	20.28	21.00
	15	LOW	64QAM	20.24	20.51	20.11	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.05	22.97	23.18	24.00
		MID	QPSK	23.12	23.06	22.85	24.00
		HIGH	QPSK	22.92	22.82	22.84	24.00
	12	LOW	QPSK	22.16	22.25	22.19	23.00
		MID	QPSK	22.42	22.25	22.10	23.00
		HIGH	QPSK	22.46	22.16	22.15	23.00
	25	LOW	QPSK	22.41	22.30	22.15	23.00
5	1	LOW	Q16	22.27	22.50	22.27	23.00
		MID	Q16	22.11	22.58	22.22	23.00
		HIGH	Q16	21.88	22.27	22.08	23.00
	12	LOW	Q16	21.30	21.09	21.08	22.00
		MID	Q16	21.30	21.09	21.11	22.00
		HIGH	Q16	21.33	21.24	21.15	22.00
	25	LOW	Q16	21.41	21.34	20.95	22.00
5	1	LOW	64QAM	21.14	21.75	21.25	22.00
		MID	64QAM	21.14	21.62	21.29	22.00
		HIGH	64QAM	20.97	21.40	21.20	22.00
	12	LOW	64QAM	20.40	20.30	20.43	21.00
		MID	64QAM	20.70	20.39	20.49	21.00
		HIGH	64QAM	20.46	20.32	20.58	21.00
	25	LOW	64QAM	20.32	20.39	20.09	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.02	23.04	23.08	24.00
		MID	QPSK	22.89	23.06	23.03	24.00
		HIGH	QPSK	22.92	23.17	22.74	24.00
	25	LOW	QPSK	22.45	22.27	21.95	23.00
		MID	QPSK	22.29	22.12	22.17	23.00
		HIGH	QPSK	22.19	22.33	22.17	23.00
	50	LOW	QPSK	22.19	21.99	22.15	23.00
10	1	LOW	Q16	22.27	22.66	22.25	23.00
		MID	Q16	22.18	22.44	22.33	23.00
		HIGH	Q16	21.99	22.56	22.37	23.00
	25	LOW	Q16	21.32	21.17	21.05	22.00
		MID	Q16	21.35	21.24	21.11	22.00
		HIGH	Q16	21.16	21.33	21.04	22.00
	50	LOW	Q16	21.35	21.04	20.95	22.00
10	1	LOW	64QAM	21.14	21.67	21.34	22.00
		MID	64QAM	21.47	21.77	21.51	22.00
		HIGH	64QAM	20.93	21.25	21.39	22.00
	25	LOW	64QAM	20.31	20.56	20.51	21.00
		MID	64QAM	20.51	20.45	20.31	21.00
		HIGH	64QAM	20.49	20.36	20.32	21.00
	50	LOW	64QAM	20.52	20.49	20.15	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.28**	23.13	23.06	24.00
		MID	QPSK	23.14	23.08	23.01	24.00
		HIGH	QPSK	23.10	23.05	22.95	24.00
	36	LOW	QPSK	22.34	22.25	22.15	23.00
		MID	QPSK	**22.38**	22.21	22.17	23.00
		HIGH	QPSK	22.35	22.29	22.17	23.00
	75	LOW	QPSK	**22.41**	22.23	22.15	23.00
15	1	LOW	Q16	22.27	22.57	22.36	23.00
		MID	Q16	22.11	22.53	22.29	23.00
		HIGH	Q16	22.03	22.47	22.26	23.00
	36	LOW	Q16	21.41	21.32	21.16	22.00
		MID	Q16	21.41	21.30	21.19	22.00
		HIGH	Q16	21.37	21.37	21.17	22.00
	75	LOW	Q16	21.39	21.23	21.12	22.00
15	1	LOW	64QAM	21.31	21.82	21.49	22.00
		MID	64QAM	21.38	21.84	21.51	22.00
		HIGH	64QAM	21.14	21.42	21.37	22.00
	36	LOW	64QAM	20.52	20.50	20.47	21.00
		MID	64QAM	20.72	20.37	20.45	21.00
		HIGH	64QAM	20.63	20.44	20.48	21.00
	75	LOW	64QAM	20.44	20.47	20.19	21.00

LTE B26-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.57	20.45	20.31	21.50
		MID	QPSK	20.41	20.48	20.29	21.50
		HIGH	QPSK	20.28	20.21	20.37	21.50
	3	LOW	QPSK	20.63	20.32	20.48	21.50
		MID	QPSK	20.73	20.37	20.26	21.50
		HIGH	QPSK	20.74	20.49	20.41	21.50
	6	LOW	QPSK	20.63	20.38	20.42	21.50
1.4	1	LOW	Q16	20.70	20.60	20.56	21.50
		MID	Q16	20.50	20.71	20.74	21.50
		HIGH	Q16	20.53	20.29	20.42	21.50
	3	LOW	Q16	20.65	20.49	20.39	21.50
		MID	Q16	20.51	20.43	20.47	21.50
		HIGH	Q16	20.57	20.67	20.46	21.50
	6	LOW	Q16	20.55	20.57	20.30	21.50
1.4	1	LOW	64QAM	20.44	20.39	20.51	21.50
		MID	64QAM	20.68	20.79	20.52	21.50
		HIGH	64QAM	20.29	20.17	20.39	21.50
	3	LOW	64QAM	20.61	20.14	20.65	21.00
		MID	64QAM	20.62	20.48	20.45	21.00
		HIGH	64QAM	20.60	20.21	20.40	21.00
	6	LOW	64QAM	20.57	20.43	20.30	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	20.57	20.47	20.25	21.50
		MID	QPSK	20.39	20.42	20.39	21.50
		HIGH	QPSK	20.22	20.43	20.21	21.50
	8	LOW	QPSK	20.63	20.59	20.58	21.50
		MID	QPSK	20.59	20.62	20.38	21.50
		HIGH	QPSK	20.62	20.65	20.37	21.50
	15	LOW	QPSK	20.44	20.62	20.28	21.50
3	1	LOW	Q16	20.52	20.68	20.62	21.50
		MID	Q16	20.32	20.48	20.66	21.50
		HIGH	Q16	20.47	20.39	20.40	21.50
	8	LOW	Q16	20.69	20.57	20.59	21.50
		MID	Q16	20.76	20.40	20.25	21.50
		HIGH	Q16	20.50	20.45	20.58	21.50
	15	LOW	Q16	20.49	20.49	20.58	21.50
3	1	LOW	64QAM	20.60	20.70	20.68	21.50
		MID	64QAM	20.68	20.69	20.43	21.50
		HIGH	64QAM	20.35	20.23	20.46	21.50
	8	LOW	64QAM	20.73	20.18	20.32	21.00
		MID	64QAM	20.62	20.65	20.53	21.00
		HIGH	64QAM	20.36	20.51	20.48	21.00
	15	LOW	64QAM	20.55	20.17	20.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	20.49	20.35	20.27	21.50
		MID	QPSK	20.27	20.22	20.17	21.50
		HIGH	QPSK	20.32	20.19	20.27	21.50
	12	LOW	QPSK	20.38	20.63	20.27	21.50
		MID	QPSK	20.65	20.60	20.23	21.50
		HIGH	QPSK	20.66	20.67	20.35	21.50
	25	LOW	QPSK	20.53	20.56	20.46	21.50
5	1	LOW	Q16	20.60	20.62	20.54	21.50
		MID	Q16	20.27	20.53	20.47	21.50
		HIGH	Q16	20.37	20.33	20.44	21.50
	12	LOW	Q16	20.57	20.45	20.65	21.50
		MID	Q16	20.60	20.65	20.45	21.50
		HIGH	Q16	20.48	20.61	20.52	21.50
	25	LOW	Q16	20.80	20.30	20.52	21.50
5	1	LOW	64QAM	20.29	20.60	20.49	21.50
		MID	64QAM	20.60	20.50	20.54	21.50
		HIGH	64QAM	20.21	20.31	20.46	21.50
	12	LOW	64QAM	20.77	20.26	20.65	21.00
		MID	64QAM	20.41	20.57	20.59	21.00
		HIGH	64QAM	20.34	20.31	20.56	21.00
	25	LOW	64QAM	20.49	20.25	20.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	20.53	20.33	20.17	21.50
		MID	QPSK	20.49	20.30	20.41	21.50
		HIGH	QPSK	20.32	20.37	20.33	21.50
	12	LOW	QPSK	20.69	20.43	20.58	21.50
		MID	QPSK	20.69	20.64	20.38	21.50
		HIGH	QPSK	20.41	20.67	20.63	21.50
	25	LOW	QPSK	20.63	20.44	20.26	21.50
5	1	LOW	Q16	20.37	20.51	20.48	21.50
		MID	Q16	20.27	20.63	20.68	21.50
		HIGH	Q16	20.37	20.29	20.52	21.50
	12	LOW	Q16	20.44	20.55	20.47	21.50
		MID	Q16	20.58	20.63	20.49	21.50
		HIGH	Q16	20.48	20.67	20.41	21.50
	25	LOW	Q16	20.49	20.51	20.28	21.50
5	1	LOW	64QAM	20.46	20.62	20.58	21.50
		MID	64QAM	20.35	20.67	20.66	21.50
		HIGH	64QAM	20.29	20.29	20.39	21.50
	12	LOW	64QAM	20.69	20.30	20.41	21.00
		MID	64QAM	20.39	20.63	20.57	21.00
		HIGH	64QAM	20.36	20.37	20.32	21.00
	25	LOW	64QAM	20.55	20.49	20.28	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**20.51**	20.47	20.39	21.50
		MID	QPSK	20.39	20.40	20.35	21.50
		HIGH	QPSK	20.42	20.35	20.29	21.50
	36	LOW	QPSK	20.59	20.53	20.50	21.50
		MID	QPSK	**20.67**	20.58	20.46	21.50
		HIGH	QPSK	20.64	20.59	20.53	21.50
	75	LOW	QPSK	**20.65**	20.54	20.44	21.50
15	1	LOW	Q16	20.60	20.70	20.66	21.50
		MID	Q16	20.50	20.65	20.64	21.50
		HIGH	Q16	20.47	20.29	20.54	21.50
	36	LOW	Q16	20.65	20.55	20.55	21.50
		MID	Q16	20.70	20.59	20.45	21.50
		HIGH	Q16	20.67	20.57	20.60	21.50
	75	LOW	Q16	20.72	20.53	20.48	21.50
10	1	LOW	64QAM	20.52	20.60	20.70	21.50
		MID	64QAM	20.58	20.69	20.66	21.50
		HIGH	64QAM	20.31	20.33	20.58	21.50
	25	LOW	64QAM	20.71	20.34	20.55	21.00
		MID	64QAM	20.62	20.69	20.55	21.00
		HIGH	64QAM	20.50	20.43	20.46	21.00
	50	LOW	64QAM	20.53	20.39	20.38	21.00

LTE B26-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**16.56**	16.31	16.45	17.50
		MID	QPSK	16.33	16.22	16.20	17.50
		HIGH	QPSK	16.36	16.28	16.27	17.50
	3	LOW	QPSK	16.43	16.38	16.29	17.50
		MID	QPSK	**16.59**	16.58	16.40	17.50
		HIGH	QPSK	16.50	16.55	16.40	17.50
	6	LOW	QPSK	**16.66**	16.46	16.42	17.50
1.4	1	LOW	Q16	16.65	16.54	16.47	17.50
		MID	Q16	16.37	16.51	16.40	17.50
		HIGH	Q16	16.45	16.59	16.25	17.50
	3	LOW	Q16	16.69	16.36	16.25	17.50
		MID	Q16	16.55	16.42	16.30	17.50
		HIGH	Q16	16.63	16.36	16.49	17.50
	6	LOW	Q16	16.59	16.53	16.38	17.50
1.4	1	LOW	64QAM	16.40	16.76	16.49	17.50
		MID	64QAM	16.31	16.38	16.61	17.50
		HIGH	64QAM	16.17	16.59	16.30	17.50
	3	LOW	64QAM	16.62	16.55	16.27	17.50
		MID	64QAM	16.65	16.52	16.39	17.50
		HIGH	64QAM	16.63	16.48	16.46	17.50
	6	LOW	64QAM	16.74	16.12	16.21	17.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**16.55**	16.52	16.43	17.50
		MID	QPSK	16.31	16.15	16.33	17.50
		HIGH	QPSK	16.30	16.23	16.22	17.50
	8	LOW	QPSK	**16.65**	16.34	16.40	17.50
		MID	QPSK	16.47	16.47	16.41	17.50
		HIGH	QPSK	**16.65**	16.45	16.40	17.50
	15	LOW	QPSK	**16.53**	16.51	16.31	17.50
3	1	LOW	Q16	16.44	16.48	16.59	17.50
		MID	Q16	16.30	16.57	16.58	17.50
		HIGH	Q16	16.41	16.62	16.28	17.50
	8	LOW	Q16	16.70	16.61	16.28	17.50
		MID	Q16	16.60	16.57	16.42	17.50
		HIGH	Q16	16.53	16.41	16.36	17.50
	15	LOW	Q16	16.61	16.46	16.44	17.50
3	1	LOW	64QAM	16.59	16.75	16.47	17.50
		MID	64QAM	16.34	16.44	16.66	17.50
		HIGH	64QAM	16.33	16.65	16.12	17.50
	8	LOW	64QAM	16.56	16.45	16.23	17.50
		MID	64QAM	16.41	16.33	16.37	17.50
		HIGH	64QAM	16.61	16.48	16.42	17.50
	15	LOW	64QAM	16.51	16.17	16.10	17.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	16.40	16.41	16.45	17.50
		MID	QPSK	16.44	16.40	16.28	17.50
		HIGH	QPSK	**16.48**	16.23	16.01	17.50
	12	LOW	QPSK	16.53	**16.57**	16.45	17.50
		MID	QPSK	16.56	16.48	16.43	17.50
		HIGH	QPSK	16.52	16.47	16.31	17.50
	25	LOW	QPSK	**16.64**	16.35	16.27	17.50
5	1	LOW	Q16	16.50	16.63	16.69	17.50
		MID	Q16	16.47	16.39	16.60	17.50
		HIGH	Q16	16.35	16.52	16.46	17.50
	12	LOW	Q16	16.60	16.56	16.43	17.50
		MID	Q16	16.57	16.47	16.26	17.50
		HIGH	Q16	16.63	16.46	16.52	17.50
	25	LOW	Q16	16.71	16.36	16.49	17.50
5	1	LOW	64QAM	16.52	16.81	16.36	17.50
		MID	64QAM	16.42	16.48	16.66	17.50
		HIGH	64QAM	16.21	16.54	16.19	17.50
	12	LOW	64QAM	16.61	16.48	16.33	17.50
		MID	64QAM	16.41	16.33	16.44	17.50
		HIGH	64QAM	16.51	16.30	16.56	17.50
	25	LOW	64QAM	16.71	16.30	16.23	17.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	16.41	16.26	16.40	17.50
		MID	QPSK	**16.54**	16.18	16.16	17.50
		HIGH	QPSK	16.35	16.39	16.03	17.50
	12	LOW	QPSK	16.55	16.42	16.34	17.50
		MID	QPSK	**16.61**	16.47	16.30	17.50
		HIGH	QPSK	16.48	16.43	16.37	17.50
	25	LOW	QPSK	**16.51**	16.36	16.26	17.50
5	1	LOW	Q16	16.42	16.69	16.52	17.50
		MID	Q16	16.37	16.59	16.61	17.50
		HIGH	Q16	16.43	16.44	16.36	17.50
	12	LOW	Q16	16.57	16.45	16.30	17.50
		MID	Q16	16.60	16.45	16.21	17.50
		HIGH	Q16	16.53	16.55	16.46	17.50
	25	LOW	Q16	16.66	16.46	16.23	17.50
5	1	LOW	64QAM	16.57	16.76	16.36	17.50
		MID	64QAM	16.32	16.43	16.66	17.50
		HIGH	64QAM	16.23	16.45	16.07	17.50
	12	LOW	64QAM	16.51	16.67	16.22	17.50
		MID	64QAM	16.50	16.53	16.29	17.50
		HIGH	64QAM	16.68	16.32	16.62	17.50
	25	LOW	64QAM	16.66	16.32	16.13	17.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**16.53**	16.44	16.40	17.50
		MID	QPSK	16.49	16.33	16.31	17.50
		HIGH	QPSK	16.43	16.31	16.19	17.50
	36	LOW	QPSK	16.58	16.50	16.42	17.50
		MID	QPSK	**16.64**	16.50	16.38	17.50
		HIGH	QPSK	16.60	16.50	16.42	17.50
	75	LOW	QPSK	**16.66**	16.43	16.42	17.50
15	1	LOW	Q16	16.57	16.66	16.62	17.50
		MID	Q16	16.45	16.54	16.58	17.50
		HIGH	Q16	16.38	16.54	16.41	17.50
	36	LOW	Q16	16.62	16.53	16.41	17.50
		MID	Q16	16.65	16.57	16.37	17.50
		HIGH	Q16	16.63	16.53	16.49	17.50
	75	LOW	Q16	16.64	16.48	16.41	17.50
10	1	LOW	64QAM	16.57	16.73	16.54	17.50
		MID	64QAM	16.42	16.41	16.58	17.50
		HIGH	64QAM	16.28	16.62	16.25	17.50
	25	LOW	64QAM	16.69	16.60	16.38	17.50
		MID	64QAM	16.58	16.45	16.42	17.50
		HIGH	64QAM	16.68	16.45	16.54	17.50
	50	LOW	64QAM	16.69	16.30	16.26	17.50

LTE B26-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**16.56**	16.31	16.45	17.50
		MID	QPSK	16.33	16.22	16.20	17.50
		HIGH	QPSK	16.36	16.28	16.27	17.50
	3	LOW	QPSK	16.43	16.38	16.29	17.50
		MID	QPSK	**16.59**	16.58	16.40	17.50
		HIGH	QPSK	16.50	16.55	16.40	17.50
	6	LOW	QPSK	**16.66**	16.46	16.42	17.50
1.4	1	LOW	Q16	16.65	16.54	16.47	17.50
		MID	Q16	16.37	16.51	16.40	17.50
		HIGH	Q16	16.45	16.59	16.25	17.50
	3	LOW	Q16	16.69	16.36	16.25	17.50
		MID	Q16	16.55	16.42	16.30	17.50
		HIGH	Q16	16.63	16.36	16.49	17.50
	6	LOW	Q16	16.59	16.53	16.38	17.50
1.4	1	LOW	64QAM	16.40	16.76	16.49	17.50
		MID	64QAM	16.31	16.38	16.61	17.50
		HIGH	64QAM	16.17	16.59	16.30	17.50
	3	LOW	64QAM	16.62	16.55	16.27	17.50
		MID	64QAM	16.65	16.52	16.39	17.50
		HIGH	64QAM	16.63	16.48	16.46	17.50
	6	LOW	64QAM	16.74	16.12	16.21	17.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**16.55**	16.52	16.43	17.50
		MID	QPSK	16.31	16.15	16.33	17.50
		HIGH	QPSK	16.30	16.23	16.22	17.50
	8	LOW	QPSK	**16.65**	16.34	16.40	17.50
		MID	QPSK	16.47	16.47	16.41	17.50
		HIGH	QPSK	**16.65**	16.45	16.40	17.50
	15	LOW	QPSK	**16.53**	16.51	16.31	17.50
3	1	LOW	Q16	16.44	16.48	16.59	17.50
		MID	Q16	16.30	16.57	16.58	17.50
		HIGH	Q16	16.41	16.62	16.28	17.50
	8	LOW	Q16	16.70	16.61	16.28	17.50
		MID	Q16	16.60	16.57	16.42	17.50
		HIGH	Q16	16.53	16.41	16.36	17.50
	15	LOW	Q16	16.61	16.46	16.44	17.50
3	1	LOW	64QAM	16.59	16.75	16.47	17.50
		MID	64QAM	16.34	16.44	16.66	17.50
		HIGH	64QAM	16.33	16.65	16.12	17.50
	8	LOW	64QAM	16.56	16.45	16.23	17.50
		MID	64QAM	16.41	16.33	16.37	17.50
		HIGH	64QAM	16.61	16.48	16.42	17.50
	15	LOW	64QAM	16.51	16.17	16.10	17.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	16.40	16.41	16.45	17.50
		MID	QPSK	16.44	16.40	16.28	17.50
		HIGH	QPSK	**16.48**	16.23	16.01	17.50
	12	LOW	QPSK	16.53	**16.57**	16.45	17.50
		MID	QPSK	16.56	16.48	16.43	17.50
		HIGH	QPSK	16.52	16.47	16.31	17.50
	25	LOW	QPSK	**16.64**	16.35	16.27	17.50
5	1	LOW	Q16	16.50	16.63	16.69	17.50
		MID	Q16	16.47	16.39	16.60	17.50
		HIGH	Q16	16.35	16.52	16.46	17.50
	12	LOW	Q16	16.60	16.56	16.43	17.50
		MID	Q16	16.57	16.47	16.26	17.50
		HIGH	Q16	16.63	16.46	16.52	17.50
	25	LOW	Q16	16.71	16.36	16.49	17.50
5	1	LOW	64QAM	16.52	16.81	16.36	17.50
		MID	64QAM	16.42	16.48	16.66	17.50
		HIGH	64QAM	16.21	16.54	16.19	17.50
	12	LOW	64QAM	16.61	16.48	16.33	17.50
		MID	64QAM	16.41	16.33	16.44	17.50
		HIGH	64QAM	16.51	16.30	16.56	17.50
	25	LOW	64QAM	16.71	16.30	16.23	17.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	16.41	16.26	16.40	17.50
		MID	QPSK	**16.54**	16.18	16.16	17.50
		HIGH	QPSK	16.35	16.39	16.03	17.50
	12	LOW	QPSK	16.55	16.42	16.34	17.50
		MID	QPSK	**16.61**	16.47	16.30	17.50
		HIGH	QPSK	16.48	16.43	16.37	17.50
	25	LOW	QPSK	**16.51**	16.36	16.26	17.50
5	1	LOW	Q16	16.42	16.69	16.52	17.50
		MID	Q16	16.37	16.59	16.61	17.50
		HIGH	Q16	16.43	16.44	16.36	17.50
	12	LOW	Q16	16.57	16.45	16.30	17.50
		MID	Q16	16.60	16.45	16.21	17.50
		HIGH	Q16	16.53	16.55	16.46	17.50
	25	LOW	Q16	16.66	16.46	16.23	17.50
5	1	LOW	64QAM	16.57	16.76	16.36	17.50
		MID	64QAM	16.32	16.43	16.66	17.50
		HIGH	64QAM	16.23	16.45	16.07	17.50
	12	LOW	64QAM	16.51	16.67	16.22	17.50
		MID	64QAM	16.50	16.53	16.29	17.50
		HIGH	64QAM	16.68	16.32	16.62	17.50
	25	LOW	64QAM	16.66	16.32	16.13	17.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**16.53**	16.44	16.40	17.50
		MID	QPSK	16.49	16.33	16.31	17.50
		HIGH	QPSK	16.43	16.31	16.19	17.50
	25	LOW	QPSK	16.58	16.50	16.42	17.50
		MID	QPSK	**16.64**	16.50	16.38	17.50
		HIGH	QPSK	16.60	16.50	16.42	17.50
	50	LOW	QPSK	**16.66**	16.43	16.42	17.50
10	1	LOW	Q16	16.57	16.66	16.62	17.50
		MID	Q16	16.45	16.54	16.58	17.50
		HIGH	Q16	16.38	16.54	16.41	17.50
	25	LOW	Q16	16.62	16.53	16.41	17.50
		MID	Q16	16.65	16.57	16.37	17.50
		HIGH	Q16	16.63	16.53	16.49	17.50
	50	LOW	Q16	16.64	16.48	16.41	17.50
10	1	LOW	64QAM	16.57	16.73	16.54	17.50
		MID	64QAM	16.42	16.41	16.58	17.50
		HIGH	64QAM	16.28	16.62	16.25	17.50
	25	LOW	64QAM	16.69	16.60	16.38	17.50
		MID	64QAM	16.58	16.45	16.42	17.50
		HIGH	64QAM	16.68	16.45	16.54	17.50
	50	LOW	64QAM	16.69	16.30	16.26	17.50

LTE B26-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**21.99**	21.86	21.91	23.00
		MID	QPSK	21.97	21.68	**21.99**	23.00
		HIGH	QPSK	21.66	21.91	21.83	23.00
	3	LOW	QPSK	21.80	21.66	21.75	23.00
		MID	QPSK	21.90	21.95	21.80	23.00
		HIGH	QPSK	21.83	**22.00**	21.89	23.00
	6	LOW	QPSK	**21.92**	21.76	21.66	23.00
1.4	1	LOW	Q16	21.78	22.05	22.37	23.00
		MID	Q16	21.58	22.08	22.15	23.00
		HIGH	Q16	21.72	22.13	22.10	23.00
	3	LOW	Q16	20.97	21.05	20.85	22.00
		MID	Q16	20.90	20.87	20.64	22.00
		HIGH	Q16	20.92	21.01	20.71	22.00
	6	LOW	Q16	20.98	20.65	20.61	22.00
1.4	1	LOW	64QAM	21.22	21.52	21.66	22.00
		MID	64QAM	21.45	21.55	21.08	22.00
		HIGH	64QAM	20.83	21.46	21.22	22.00
	3	LOW	64QAM	21.20	21.74	21.41	22.00
		MID	64QAM	21.21	21.84	21.06	22.00
		HIGH	64QAM	21.06	21.40	21.30	22.00
	6	LOW	64QAM	20.48	20.45	20.05	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	21.97	21.86	**22.05**	23.00
		MID	QPSK	21.81	21.85	21.84	23.00
		HIGH	QPSK	21.99	21.80	21.83	23.00
	8	LOW	QPSK	21.77	**21.99**	21.58	23.00
		MID	QPSK	21.77	21.95	21.63	23.00
		HIGH	QPSK	21.94	21.89	21.65	23.00
	15	LOW	QPSK	**21.92**	21.87	21.81	23.00
3	1	LOW	Q16	21.84	22.14	22.17	23.00
		MID	Q16	21.71	22.04	22.24	23.00
		HIGH	Q16	21.59	21.98	22.23	23.00
	8	LOW	Q16	20.99	21.03	20.83	22.00
		MID	Q16	20.77	20.84	20.64	22.00
		HIGH	Q16	20.84	20.91	20.73	22.00
	15	LOW	Q16	20.86	20.88	20.84	22.00
3	1	LOW	64QAM	21.14	21.71	21.41	22.00
		MID	64QAM	21.30	21.84	21.21	22.00
		HIGH	64QAM	20.91	21.29	21.11	22.00
	8	LOW	64QAM	20.50	20.20	20.18	21.00
		MID	64QAM	20.60	20.45	20.31	21.00
		HIGH	64QAM	20.59	20.50	20.42	21.00
	15	LOW	64QAM	20.26	20.23	19.85	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	21.86	22.04	**22.07**	23.00
		MID	QPSK	21.86	21.83	21.90	23.00
		HIGH	QPSK	21.70	21.82	21.72	23.00
	12	LOW	QPSK	21.80	**21.97**	21.69	23.00
		MID	QPSK	**21.97**	21.76	21.69	23.00
		HIGH	QPSK	21.85	21.76	21.61	23.00
	25	LOW	QPSK	**21.92**	21.83	21.68	23.00
5	1	LOW	Q16	22.00	22.11	22.06	23.00
		MID	Q16	21.73	21.93	22.02	23.00
		HIGH	Q16	21.39	22.04	22.16	23.00
	12	LOW	Q16	20.76	20.84	20.79	22.00
		MID	Q16	20.81	20.82	20.83	22.00
		HIGH	Q16	20.77	21.09	20.82	22.00
	25	LOW	Q16	20.77	20.63	20.72	22.00
5	1	LOW	64QAM	20.93	21.48	21.69	22.00
		MID	64QAM	21.25	21.62	21.18	22.00
		HIGH	64QAM	21.12	21.42	21.16	22.00
	12	LOW	64QAM	20.64	20.26	20.06	21.00
		MID	64QAM	20.52	20.43	20.45	21.00
		HIGH	64QAM	20.32	20.30	20.10	21.00
	25	LOW	64QAM	20.48	20.29	19.87	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	**22.03**	21.86	21.94	23.00
		MID	QPSK	21.77	21.68	21.79	23.00
		HIGH	QPSK	21.90	21.63	21.72	23.00
	12	LOW	QPSK	21.84	21.84	21.91	23.00
		MID	QPSK	21.94	**21.98**	21.84	23.00
		HIGH	QPSK	21.83	21.80	21.76	23.00
	25	LOW	QPSK	21.74	**21.87**	21.59	23.00
5	1	LOW	Q16	21.86	22.36	22.08	23.00
		MID	Q16	21.79	21.99	22.17	23.00
		HIGH	Q16	21.65	21.98	21.90	23.00
	12	LOW	Q16	20.81	20.91	20.60	22.00
		MID	Q16	21.06	20.87	20.79	22.00
		HIGH	Q16	20.73	20.93	20.69	22.00
	25	LOW	Q16	20.86	20.82	20.84	22.00
5	1	LOW	64QAM	21.16	21.46	21.60	22.00
		MID	64QAM	21.21	21.73	21.23	22.00
		HIGH	64QAM	20.89	21.49	21.32	22.00
	12	LOW	64QAM	20.54	20.38	20.34	21.00
		MID	64QAM	20.64	20.53	20.31	21.00
		HIGH	64QAM	20.63	20.38	20.16	21.00
	25	LOW	64QAM	20.22	20.19	19.97	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	22.01	**22.06**	21.98	23.00
		MID	QPSK	21.90	21.92	21.88	23.00
		HIGH	QPSK	21.88	21.80	21.87	23.00
	25	LOW	QPSK	21.84	21.88	21.82	23.00
		MID	QPSK	21.90	**21.91**	21.80	23.00
		HIGH	QPSK	21.85	**21.91**	21.85	23.00
	50	LOW	QPSK	**21.92**	21.83	21.81	23.00
10	1	LOW	Q16	21.93	22.27	22.28	23.00
		MID	Q16	21.75	22.17	22.15	23.00
		HIGH	Q16	21.63	22.11	22.12	23.00
	25	LOW	Q16	20.91	20.99	20.83	22.00
		MID	Q16	20.96	20.97	20.81	22.00
		HIGH	Q16	20.92	20.99	20.88	22.00
	50	LOW	Q16	20.94	20.86	20.82	22.00
10	1	LOW	64QAM	21.14	21.65	21.60	22.00
		MID	64QAM	21.36	21.77	21.27	22.00
		HIGH	64QAM	21.06	21.40	21.24	22.00
	25	LOW	64QAM	20.62	20.32	20.24	21.00
		MID	64QAM	20.60	20.45	20.47	21.00
		HIGH	64QAM	20.55	20.48	20.32	21.00
	50	LOW	64QAM	20.42	20.37	19.97	21.00

LTE B26-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**20.57**	20.45	20.31	21.50
		MID	QPSK	20.41	20.48	20.29	21.50
		HIGH	QPSK	20.28	20.21	20.37	21.50
	3	LOW	QPSK	20.63	20.32	20.48	21.50
		MID	QPSK	20.73	20.37	20.26	21.50
		HIGH	QPSK	**20.74**	20.49	20.41	21.50
	6	LOW	QPSK	**20.63**	20.38	20.42	21.50
1.4	1	LOW	Q16	20.70	20.60	20.56	21.50
		MID	Q16	20.50	20.71	20.74	21.50
		HIGH	Q16	20.53	20.29	20.42	21.50
	3	LOW	Q16	20.65	20.49	20.39	21.50
		MID	Q16	20.51	20.43	20.47	21.50
		HIGH	Q16	20.57	20.67	20.46	21.50
	6	LOW	Q16	20.55	20.57	20.30	21.50
1.4	1	LOW	64QAM	20.44	20.39	20.51	21.50
		MID	64QAM	20.68	20.79	20.52	21.50
		HIGH	64QAM	20.29	20.17	20.39	21.50
	3	LOW	64QAM	20.61	20.14	20.65	21.00
		MID	64QAM	20.62	20.48	20.45	21.00
		HIGH	64QAM	20.60	20.21	20.40	21.00
	6	LOW	64QAM	20.57	20.43	20.30	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**20.57**	20.47	20.25	21.50
		MID	QPSK	20.39	20.42	20.39	21.50
		HIGH	QPSK	20.22	20.43	20.21	21.50
	8	LOW	QPSK	20.63	20.59	20.58	21.50
		MID	QPSK	20.59	20.62	20.38	21.50
		HIGH	QPSK	20.62	**20.65**	20.37	21.50
	15	LOW	QPSK	20.44	**20.62**	20.28	21.50
3	1	LOW	Q16	20.52	20.68	20.62	21.50
		MID	Q16	20.32	20.48	20.66	21.50
		HIGH	Q16	20.47	20.39	20.40	21.50
	8	LOW	Q16	20.69	20.57	20.59	21.50
		MID	Q16	20.76	20.40	20.25	21.50
		HIGH	Q16	20.50	20.45	20.58	21.50
	15	LOW	Q16	20.49	20.49	20.58	21.50
3	1	LOW	64QAM	20.60	20.70	20.68	21.50
		MID	64QAM	20.68	20.69	20.43	21.50
		HIGH	64QAM	20.35	20.23	20.46	21.50
	8	LOW	64QAM	20.73	20.18	20.32	21.00
		MID	64QAM	20.62	20.65	20.53	21.00
		HIGH	64QAM	20.36	20.51	20.48	21.00
	15	LOW	64QAM	20.55	20.17	20.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	**20.49**	20.35	20.27	21.50
		MID	QPSK	20.27	20.22	20.17	21.50
		HIGH	QPSK	20.32	20.19	20.27	21.50
	12	LOW	QPSK	20.38	20.63	20.27	21.50
		MID	QPSK	20.65	20.60	20.23	21.50
		HIGH	QPSK	20.66	**20.67**	20.35	21.50
	25	LOW	QPSK	20.53	**20.56**	20.46	21.50
5	1	LOW	Q16	20.60	20.62	20.54	21.50
		MID	Q16	20.27	20.53	20.47	21.50
		HIGH	Q16	20.37	20.33	20.44	21.50
	12	LOW	Q16	20.57	20.45	20.65	21.50
		MID	Q16	20.60	20.65	20.45	21.50
		HIGH	Q16	20.48	20.61	20.52	21.50
	25	LOW	Q16	20.80	20.30	20.52	21.50
5	1	LOW	64QAM	20.29	20.60	20.49	21.50
		MID	64QAM	20.60	20.50	20.54	21.50
		HIGH	64QAM	20.21	20.31	20.46	21.50
	12	LOW	64QAM	20.77	20.26	20.65	21.00
		MID	64QAM	20.41	20.57	20.59	21.00
		HIGH	64QAM	20.34	20.31	20.56	21.00
	25	LOW	64QAM	20.49	20.25	20.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	**20.53**	20.33	20.17	21.50
		MID	QPSK	20.49	20.30	20.41	21.50
		HIGH	QPSK	20.32	20.37	20.33	21.50
	12	LOW	QPSK	**20.69**	20.43	20.58	21.50
		MID	QPSK	**20.69**	20.64	20.38	21.50
		HIGH	QPSK	20.41	20.67	20.63	21.50
	25	LOW	QPSK	**20.63**	20.44	20.26	21.50
5	1	LOW	Q16	20.37	20.51	20.48	21.50
		MID	Q16	20.27	20.63	20.68	21.50
		HIGH	Q16	20.37	20.29	20.52	21.50
	12	LOW	Q16	20.44	20.55	20.47	21.50
		MID	Q16	20.58	20.63	20.49	21.50
		HIGH	Q16	20.48	20.67	20.41	21.50
	25	LOW	Q16	20.49	20.51	20.28	21.50
5	1	LOW	64QAM	20.46	20.62	20.58	21.50
		MID	64QAM	20.35	20.67	20.66	21.50
		HIGH	64QAM	20.29	20.29	20.39	21.50
	12	LOW	64QAM	20.69	20.30	20.41	21.00
		MID	64QAM	20.39	20.63	20.57	21.00
		HIGH	64QAM	20.36	20.37	20.32	21.00
	25	LOW	64QAM	20.55	20.49	20.28	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**20.51**	20.47	20.39	21.50
		MID	QPSK	20.39	20.40	20.35	21.50
		HIGH	QPSK	20.42	20.35	20.29	21.50
	25	LOW	QPSK	20.59	20.53	20.50	21.50
		MID	QPSK	**20.67**	20.58	20.46	21.50
		HIGH	QPSK	20.64	20.59	20.53	21.50
	50	LOW	QPSK	**20.65**	20.54	20.44	21.50
10	1	LOW	Q16	20.60	20.70	20.66	21.50
		MID	Q16	20.50	20.65	20.64	21.50
		HIGH	Q16	20.47	20.29	20.54	21.50
	25	LOW	Q16	20.65	20.55	20.55	21.50
		MID	Q16	20.70	20.59	20.45	21.50
		HIGH	Q16	20.67	20.57	20.60	21.50
	50	LOW	Q16	20.72	20.53	20.48	21.50
10	1	LOW	64QAM	20.52	20.60	20.70	21.50
		MID	64QAM	20.58	20.69	20.66	21.50
		HIGH	64QAM	20.31	20.33	20.58	21.50
	25	LOW	64QAM	20.71	20.34	20.55	21.00
		MID	64QAM	20.62	20.69	20.55	21.00
		HIGH	64QAM	20.50	20.43	20.46	21.00
	50	LOW	64QAM	20.53	20.39	20.38	21.00

LTE B26-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**19.03**	18.78	18.98	20.00
		MID	QPSK	18.84	18.94	18.86	20.00
		HIGH	QPSK	18.76	18.77	18.69	20.00
	3	LOW	QPSK	18.82	19.09	18.78	20.00
		MID	QPSK	**19.13**	18.94	18.87	20.00
		HIGH	QPSK	18.89	19.00	18.95	20.00
	6	LOW	QPSK	**18.98**	18.88	18.94	20.00
1.4	1	LOW	Q16	18.95	19.26	19.25	20.00
		MID	Q16	18.96	19.08	19.20	20.00
		HIGH	Q16	18.89	18.97	19.13	20.00
	3	LOW	Q16	19.13	19.17	18.79	20.00
		MID	Q16	19.06	19.21	18.97	20.00
		HIGH	Q16	19.09	19.10	19.05	20.00
	6	LOW	Q16	19.06	18.98	19.06	20.00
1.4	1	LOW	64QAM	18.98	19.20	19.03	20.00
		MID	64QAM	18.90	19.16	18.95	20.00
		HIGH	64QAM	19.03	18.97	19.09	20.00
	3	LOW	64QAM	18.92	18.84	18.87	20.00
		MID	64QAM	18.85	19.05	18.88	20.00
		HIGH	64QAM	19.11	18.90	18.71	20.00
	6	LOW	64QAM	19.14	18.94	18.96	20.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	18.88	**19.08**	18.87	20.00
		MID	QPSK	18.94	18.84	18.65	20.00
		HIGH	QPSK	18.81	18.70	18.64	20.00
	8	LOW	QPSK	18.92	19.03	18.78	20.00
		MID	QPSK	18.94	**19.07**	18.95	20.00
		HIGH	QPSK	19.02	18.96	18.78	20.00
	15	LOW	QPSK	**19.07**	19.05	18.85	20.00
3	1	LOW	Q16	19.16	19.16	19.10	20.00
		MID	Q16	18.83	18.91	19.08	20.00
		HIGH	Q16	18.72	19.12	18.95	20.00
	8	LOW	Q16	18.90	18.92	18.96	20.00
		MID	Q16	19.08	19.07	18.91	20.00
		HIGH	Q16	19.09	18.93	18.78	20.00
	15	LOW	Q16	19.22	19.10	18.79	20.00
3	1	LOW	64QAM	18.92	19.24	18.96	20.00
		MID	64QAM	18.90	19.14	19.04	20.00
		HIGH	64QAM	18.87	18.95	18.94	20.00
	8	LOW	64QAM	18.96	19.03	18.92	20.00
		MID	64QAM	19.10	19.03	18.90	20.00
		HIGH	64QAM	19.11	18.84	18.78	20.00
	15	LOW	64QAM	18.99	18.79	18.73	20.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	18.92	18.80	18.81	20.00
		MID	QPSK	**18.95**	18.92	18.69	20.00
		HIGH	QPSK	18.85	18.64	18.62	20.00
	12	LOW	QPSK	18.99	18.93	19.01	20.00
		MID	QPSK	18.86	18.96	18.82	20.00
		HIGH	QPSK	18.95	**19.06**	18.84	20.00
	25	LOW	QPSK	**19.00**	18.78	18.90	20.00
5	1	LOW	Q16	19.10	19.18	19.10	20.00
		MID	Q16	18.94	19.16	19.08	20.00
		HIGH	Q16	19.00	19.12	19.07	20.00
	12	LOW	Q16	19.05	19.13	18.91	20.00
		MID	Q16	19.26	19.15	18.74	20.00
		HIGH	Q16	19.19	19.03	18.82	20.00
	25	LOW	Q16	18.91	19.08	18.98	20.00
5	1	LOW	64QAM	19.08	19.28	19.19	20.00
		MID	64QAM	18.89	18.99	19.14	20.00
		HIGH	64QAM	18.91	19.10	19.11	20.00
	12	LOW	64QAM	18.88	19.13	18.75	20.00
		MID	64QAM	19.06	18.98	18.90	20.00
		HIGH	64QAM	19.13	18.84	18.82	20.00
	25	LOW	64QAM	19.02	18.98	18.75	20.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	18.79	18.99	**19.02**	20.00
		MID	QPSK	18.84	18.77	18.84	20.00
		HIGH	QPSK	18.70	18.79	18.58	20.00
	12	LOW	QPSK	19.09	19.01	18.97	20.00
		MID	QPSK	18.90	19.03	18.85	20.00
		HIGH	QPSK	19.00	**19.10**	18.99	20.00
	25	LOW	QPSK	18.90	**18.91**	18.90	20.00
5	1	LOW	Q16	18.96	19.24	19.19	20.00
		MID	Q16	18.92	18.99	19.28	20.00
		HIGH	Q16	18.83	18.89	18.93	20.00
	12	LOW	Q16	18.96	19.03	19.06	20.00
		MID	Q16	19.24	19.07	18.86	20.00
		HIGH	Q16	19.09	19.08	18.99	20.00
	25	LOW	Q16	19.06	18.92	19.02	20.00
5	1	LOW	64QAM	18.96	19.32	19.19	20.00
		MID	64QAM	18.81	19.14	18.93	20.00
		HIGH	64QAM	18.91	19.08	18.93	20.00
	12	LOW	64QAM	19.04	18.86	18.81	20.00
		MID	64QAM	18.91	18.92	18.86	20.00
		HIGH	64QAM	19.09	18.86	18.61	20.00
	25	LOW	64QAM	19.14	19.10	18.84	20.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	18.94	**18.99**	18.96	20.00
		MID	QPSK	18.86	18.90	18.86	20.00
		HIGH	QPSK	18.85	18.81	18.77	20.00
	25	LOW	QPSK	19.03	19.03	18.99	20.00
		MID	QPSK	19.07	**19.13**	18.93	20.00
		HIGH	QPSK	19.06	19.06	18.97	20.00
	50	LOW	QPSK	**19.11**	18.99	18.96	20.00
10	1	LOW	Q16	19.06	19.24	19.23	20.00
		MID	Q16	18.92	19.12	19.18	20.00
		HIGH	Q16	18.91	19.08	19.17	20.00
	25	LOW	Q16	19.09	19.09	19.00	20.00
		MID	Q16	19.16	19.13	18.95	20.00
		HIGH	Q16	19.15	19.14	18.99	20.00
	50	LOW	Q16	19.12	19.02	18.98	20.00
10	1	LOW	64QAM	19.00	19.26	19.13	20.00
		MID	64QAM	18.81	19.10	19.06	20.00
		HIGH	64QAM	18.95	19.12	19.09	20.00
	25	LOW	64QAM	18.96	19.05	18.83	20.00
		MID	64QAM	19.06	19.11	18.99	20.00
		HIGH	64QAM	19.13	19.03	18.82	20.00
	50	LOW	64QAM	19.12	19.00	18.90	20.00

LTE B26-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**20.57**	20.45	20.31	21.50
		MID	QPSK	20.41	20.48	20.29	21.50
		HIGH	QPSK	20.28	20.21	20.37	21.50
	3	LOW	QPSK	20.63	20.32	20.48	21.50
		MID	QPSK	20.73	20.37	20.26	21.50
		HIGH	QPSK	**20.74**	20.49	20.41	21.50
	6	LOW	QPSK	**20.63**	20.38	20.42	21.50
1.4	1	LOW	Q16	20.70	20.60	20.56	21.50
		MID	Q16	20.50	20.71	20.74	21.50
		HIGH	Q16	20.53	20.29	20.42	21.50
	3	LOW	Q16	20.65	20.49	20.39	21.50
		MID	Q16	20.51	20.43	20.47	21.50
		HIGH	Q16	20.57	20.67	20.46	21.50
	6	LOW	Q16	20.55	20.57	20.30	21.50
1.4	1	LOW	64QAM	20.44	20.39	20.51	21.50
		MID	64QAM	20.68	20.79	20.52	21.50
		HIGH	64QAM	20.29	20.17	20.39	21.50
	3	LOW	64QAM	20.61	20.14	20.65	21.00
		MID	64QAM	20.62	20.48	20.45	21.00
		HIGH	64QAM	20.60	20.21	20.40	21.00
	6	LOW	64QAM	20.57	20.43	20.30	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**20.57**	20.47	20.25	21.50
		MID	QPSK	20.39	20.42	20.39	21.50
		HIGH	QPSK	20.22	20.43	20.21	21.50
	8	LOW	QPSK	20.63	20.59	20.58	21.50
		MID	QPSK	20.59	20.62	20.38	21.50
		HIGH	QPSK	20.62	**20.65**	20.37	21.50
	15	LOW	QPSK	20.44	**20.62**	20.28	21.50
3	1	LOW	Q16	20.52	20.68	20.62	21.50
		MID	Q16	20.32	20.48	20.66	21.50
		HIGH	Q16	20.47	20.39	20.40	21.50
	8	LOW	Q16	20.69	20.57	20.59	21.50
		MID	Q16	20.76	20.40	20.25	21.50
		HIGH	Q16	20.50	20.45	20.58	21.50
	15	LOW	Q16	20.49	20.49	20.58	21.50
3	1	LOW	64QAM	20.60	20.70	20.68	21.50
		MID	64QAM	20.68	20.69	20.43	21.50
		HIGH	64QAM	20.35	20.23	20.46	21.50
	8	LOW	64QAM	20.73	20.18	20.32	21.00
		MID	64QAM	20.62	20.65	20.53	21.00
		HIGH	64QAM	20.36	20.51	20.48	21.00
	15	LOW	64QAM	20.55	20.17	20.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	**20.49**	20.35	20.27	21.50
		MID	QPSK	20.27	20.22	20.17	21.50
		HIGH	QPSK	20.32	20.19	20.27	21.50
	12	LOW	QPSK	20.38	20.63	20.27	21.50
		MID	QPSK	20.65	20.60	20.23	21.50
		HIGH	QPSK	20.66	**20.67**	20.35	21.50
	25	LOW	QPSK	20.53	**20.56**	20.46	21.50
5	1	LOW	Q16	20.60	20.62	20.54	21.50
		MID	Q16	20.27	20.53	20.47	21.50
		HIGH	Q16	20.37	20.33	20.44	21.50
	12	LOW	Q16	20.57	20.45	20.65	21.50
		MID	Q16	20.60	20.65	20.45	21.50
		HIGH	Q16	20.48	20.61	20.52	21.50
	25	LOW	Q16	20.80	20.30	20.52	21.50
5	1	LOW	64QAM	20.29	20.60	20.49	21.50
		MID	64QAM	20.60	20.50	20.54	21.50
		HIGH	64QAM	20.21	20.31	20.46	21.50
	12	LOW	64QAM	20.77	20.26	20.65	21.00
		MID	64QAM	20.41	20.57	20.59	21.00
		HIGH	64QAM	20.34	20.31	20.56	21.00
	25	LOW	64QAM	20.49	20.25	20.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	**20.53**	20.33	20.17	21.50
		MID	QPSK	20.49	20.30	20.41	21.50
		HIGH	QPSK	20.32	20.37	20.33	21.50
	12	LOW	QPSK	**20.69**	20.43	20.58	21.50
		MID	QPSK	**20.69**	20.64	20.38	21.50
		HIGH	QPSK	20.41	20.67	20.63	21.50
	25	LOW	QPSK	**20.63**	20.44	20.26	21.50
5	1	LOW	Q16	20.37	20.51	20.48	21.50
		MID	Q16	20.27	20.63	20.68	21.50
		HIGH	Q16	20.37	20.29	20.52	21.50
	12	LOW	Q16	20.44	20.55	20.47	21.50
		MID	Q16	20.58	20.63	20.49	21.50
		HIGH	Q16	20.48	20.67	20.41	21.50
	25	LOW	Q16	20.49	20.51	20.28	21.50
5	1	LOW	64QAM	20.46	20.62	20.58	21.50
		MID	64QAM	20.35	20.67	20.66	21.50
		HIGH	64QAM	20.29	20.29	20.39	21.50
	12	LOW	64QAM	20.69	20.30	20.41	21.00
		MID	64QAM	20.39	20.63	20.57	21.00
		HIGH	64QAM	20.36	20.37	20.32	21.00
	25	LOW	64QAM	20.55	20.49	20.28	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**20.51**	20.47	20.39	21.50
		MID	QPSK	20.39	20.40	20.35	21.50
		HIGH	QPSK	20.42	20.35	20.29	21.50
	25	LOW	QPSK	20.59	20.53	20.50	21.50
		MID	QPSK	**20.67**	20.58	20.46	21.50
		HIGH	QPSK	20.64	20.59	20.53	21.50
	50	LOW	QPSK	**20.65**	20.54	20.44	21.50
10	1	LOW	Q16	20.60	20.70	20.66	21.50
		MID	Q16	20.50	20.65	20.64	21.50
		HIGH	Q16	20.47	20.29	20.54	21.50
	25	LOW	Q16	20.65	20.55	20.55	21.50
		MID	Q16	20.70	20.59	20.45	21.50
		HIGH	Q16	20.67	20.57	20.60	21.50
	50	LOW	Q16	20.72	20.53	20.48	21.50
10	1	LOW	64QAM	20.52	20.60	20.70	21.50
		MID	64QAM	20.58	20.69	20.66	21.50
		HIGH	64QAM	20.31	20.33	20.58	21.50
	25	LOW	64QAM	20.71	20.34	20.55	21.00
		MID	64QAM	20.62	20.69	20.55	21.00
		HIGH	64QAM	20.50	20.43	20.46	21.00
	50	LOW	64QAM	20.53	20.39	20.38	21.00

LTE B26-State 26 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.57	20.45	20.31	21.00
		MID	QPSK	20.41	20.48	20.29	21.00
		HIGH	QPSK	20.28	20.21	20.37	21.00
	3	LOW	QPSK	20.63	20.32	20.48	21.00
		MID	QPSK	20.73	20.37	20.26	21.00
		HIGH	QPSK	20.74	20.49	20.41	21.00
	6	LOW	QPSK	20.63	20.38	20.42	21.00
1.4	1	LOW	Q16	20.70	20.60	20.56	21.00
		MID	Q16	20.50	20.71	20.74	21.00
		HIGH	Q16	20.53	20.29	20.42	21.00
	3	LOW	Q16	20.65	20.49	20.39	21.00
		MID	Q16	20.51	20.43	20.47	21.00
		HIGH	Q16	20.57	20.67	20.46	21.00
	6	LOW	Q16	20.55	20.57	20.30	21.00
1.4	1	LOW	64QAM	20.44	20.39	20.51	21.00
		MID	64QAM	20.68	20.79	20.52	21.00
		HIGH	64QAM	20.29	20.17	20.39	21.00
	3	LOW	64QAM	20.61	20.14	20.65	21.00
		MID	64QAM	20.62	20.48	20.45	21.00
		HIGH	64QAM	20.60	20.21	20.40	21.00
	6	LOW	64QAM	20.57	20.43	20.30	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	20.57	20.47	20.25	21.00
		MID	QPSK	20.39	20.42	20.39	21.00
		HIGH	QPSK	20.22	20.43	20.21	21.00
	8	LOW	QPSK	20.63	20.59	20.58	21.00
		MID	QPSK	20.59	20.62	20.38	21.00
		HIGH	QPSK	20.62	20.65	20.37	21.00
	15	LOW	QPSK	20.44	20.62	20.28	21.00
3	1	LOW	Q16	20.52	20.68	20.62	21.00
		MID	Q16	20.32	20.48	20.66	21.00
		HIGH	Q16	20.47	20.39	20.40	21.00
	8	LOW	Q16	20.69	20.57	20.59	21.00
		MID	Q16	20.76	20.40	20.25	21.00
		HIGH	Q16	20.50	20.45	20.58	21.00
	15	LOW	Q16	20.49	20.49	20.58	21.00
3	1	LOW	64QAM	20.60	20.70	20.68	21.00
		MID	64QAM	20.68	20.69	20.43	21.00
		HIGH	64QAM	20.35	20.23	20.46	21.00
	8	LOW	64QAM	20.73	20.18	20.32	21.00
		MID	64QAM	20.62	20.65	20.53	21.00
		HIGH	64QAM	20.36	20.51	20.48	21.00
	15	LOW	64QAM	20.55	20.17	20.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	20.49	20.35	20.27	21.00
		MID	QPSK	20.27	20.22	20.17	21.00
		HIGH	QPSK	20.32	20.19	20.27	21.00
	12	LOW	QPSK	20.38	20.63	20.27	21.00
		MID	QPSK	20.65	20.60	20.23	21.00
		HIGH	QPSK	20.66	20.67	20.35	21.00
	25	LOW	QPSK	20.53	20.56	20.46	21.00
5	1	LOW	Q16	20.60	20.62	20.54	21.00
		MID	Q16	20.27	20.53	20.47	21.00
		HIGH	Q16	20.37	20.33	20.44	21.00
	12	LOW	Q16	20.57	20.45	20.65	21.00
		MID	Q16	20.60	20.65	20.45	21.00
		HIGH	Q16	20.48	20.61	20.52	21.00
	25	LOW	Q16	20.80	20.30	20.52	21.00
5	1	LOW	64QAM	20.29	20.60	20.49	21.00
		MID	64QAM	20.60	20.50	20.54	21.00
		HIGH	64QAM	20.21	20.31	20.46	21.00
	12	LOW	64QAM	20.77	20.26	20.65	21.00
		MID	64QAM	20.41	20.57	20.59	21.00
		HIGH	64QAM	20.34	20.31	20.56	21.00
	25	LOW	64QAM	20.49	20.25	20.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	20.53	20.33	20.17	21.00
		MID	QPSK	20.49	20.30	20.41	21.00
		HIGH	QPSK	20.32	20.37	20.33	21.00
	25	LOW	QPSK	20.69	20.43	20.58	21.00
		MID	QPSK	20.69	20.64	20.38	21.00
		HIGH	QPSK	20.41	20.67	20.63	21.00
	50	LOW	QPSK	20.63	20.44	20.26	21.00
10	1	LOW	Q16	20.37	20.51	20.48	21.00
		MID	Q16	20.27	20.63	20.68	21.00
		HIGH	Q16	20.37	20.29	20.52	21.00
	25	LOW	Q16	20.44	20.55	20.47	21.00
		MID	Q16	20.58	20.63	20.49	21.00
		HIGH	Q16	20.48	20.67	20.41	21.00
	50	LOW	Q16	20.49	20.51	20.28	21.00
10	1	LOW	64QAM	20.46	20.62	20.58	21.00
		MID	64QAM	20.35	20.67	20.66	21.00
		HIGH	64QAM	20.29	20.29	20.39	21.00
	25	LOW	64QAM	20.69	20.30	20.41	21.00
		MID	64QAM	20.39	20.63	20.57	21.00
		HIGH	64QAM	20.36	20.37	20.32	21.00
	50	LOW	64QAM	20.55	20.49	20.28	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**20.51**	20.47	20.39	21.00
		MID	QPSK	20.39	20.40	20.35	21.00
		HIGH	QPSK	20.42	20.35	20.29	21.00
	36	LOW	QPSK	20.59	20.53	20.50	21.00
		MID	QPSK	**20.67**	20.58	20.46	21.00
		HIGH	QPSK	20.64	20.59	20.53	21.00
	75	LOW	QPSK	**20.65**	20.54	20.44	21.00
15	1	LOW	Q16	20.60	20.70	20.66	21.00
		MID	Q16	20.50	20.65	20.64	21.00
		HIGH	Q16	20.47	20.29	20.54	21.00
	36	LOW	Q16	20.65	20.55	20.55	21.00
		MID	Q16	20.70	20.59	20.45	21.00
		HIGH	Q16	20.67	20.57	20.60	21.00
	75	LOW	Q16	20.72	20.53	20.48	21.00
15	1	LOW	64QAM	20.52	20.60	20.70	21.00
		MID	64QAM	20.58	20.69	20.66	21.00
		HIGH	64QAM	20.31	20.33	20.58	21.00
	36	LOW	64QAM	20.71	20.34	20.55	21.00
		MID	64QAM	20.62	20.69	20.55	21.00
		HIGH	64QAM	20.50	20.43	20.46	21.00
	75	LOW	64QAM	20.53	20.39	20.38	21.00

LTE B26-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.02	18.06	17.99	19.00
		MID	QPSK	18.01	18.03	17.90	19.00
		HIGH	QPSK	17.94	17.94	17.57	19.00
	3	LOW	QPSK	18.04	17.97	18.06	19.00
		MID	QPSK	18.05	18.10	17.88	19.00
		HIGH	QPSK	17.81	17.80	17.99	19.00
	6	LOW	QPSK	18.04	18.19	17.83	19.00
1.4	1	LOW	Q16	18.39	18.20	18.45	19.00
		MID	Q16	18.12	18.20	18.27	19.00
		HIGH	Q16	17.95	18.10	17.92	19.00
	3	LOW	Q16	18.23	18.00	18.22	19.00
		MID	Q16	18.12	18.08	18.06	19.00
		HIGH	Q16	18.00	18.03	17.99	19.00
	6	LOW	Q16	18.46	18.06	18.03	19.00
1.4	1	LOW	64QAM	18.11	18.35	18.35	19.00
		MID	64QAM	17.92	18.19	18.21	19.00
		HIGH	64QAM	17.95	17.96	17.96	19.00
	3	LOW	64QAM	18.14	18.02	17.90	19.00
		MID	64QAM	18.12	18.25	18.10	19.00
		HIGH	64QAM	18.18	18.26	17.99	19.00
	6	LOW	64QAM	18.04	18.07	17.92	19.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	17.98	18.06	17.94	19.00
		MID	QPSK	18.01	17.94	17.95	19.00
		HIGH	QPSK	17.80	18.06	17.82	19.00
	8	LOW	QPSK	17.89	17.85	18.01	19.00
		MID	QPSK	17.96	18.03	17.86	19.00
		HIGH	QPSK	17.80	17.78	17.78	19.00
	15	LOW	QPSK	18.13	18.08	17.92	19.00
3	1	LOW	Q16	18.30	18.18	18.35	19.00
		MID	Q16	18.14	18.21	18.25	19.00
		HIGH	Q16	17.88	18.30	18.10	19.00
	8	LOW	Q16	18.22	17.93	18.08	19.00
		MID	Q16	18.19	18.09	18.07	19.00
		HIGH	Q16	18.11	18.01	18.04	19.00
	15	LOW	Q16	18.19	18.15	18.03	19.00
3	1	LOW	64QAM	18.25	18.35	18.29	19.00
		MID	64QAM	17.83	18.26	18.26	19.00
		HIGH	64QAM	18.17	18.01	18.15	19.00
	8	LOW	64QAM	18.16	18.27	17.79	19.00
		MID	64QAM	17.99	18.13	18.13	19.00
		HIGH	64QAM	18.12	18.23	17.99	19.00
	15	LOW	64QAM	18.28	18.02	17.92	19.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	17.98	17.92	17.94	19.00
		MID	QPSK	17.94	17.83	17.84	19.00
		HIGH	QPSK	17.76	18.06	17.63	19.00
	12	LOW	QPSK	17.84	17.92	17.99	19.00
		MID	QPSK	18.07	18.10	18.06	19.00
		HIGH	QPSK	17.92	17.96	17.85	19.00
	25	LOW	QPSK	18.11	18.06	17.82	19.00
5	1	LOW	Q16	18.30	18.40	18.21	19.00
		MID	Q16	18.16	18.30	18.18	19.00
		HIGH	Q16	17.95	18.32	18.12	19.00
	12	LOW	Q16	18.25	18.15	17.99	19.00
		MID	Q16	18.24	18.31	18.09	19.00
		HIGH	Q16	18.11	18.12	17.88	19.00
	25	LOW	Q16	18.39	18.04	17.89	19.00
5	1	LOW	64QAM	18.13	18.31	18.13	19.00
		MID	64QAM	17.70	18.23	18.10	19.00
		HIGH	64QAM	17.99	18.08	17.96	19.00
	12	LOW	64QAM	17.98	18.13	17.99	19.00
		MID	64QAM	18.08	18.20	18.10	19.00
		HIGH	64QAM	18.29	18.30	18.13	19.00
	25	LOW	64QAM	17.99	18.15	18.01	19.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	17.98	17.93	17.90	19.00
		MID	QPSK	18.12	17.96	17.91	19.00
		HIGH	QPSK	18.01	17.92	17.70	19.00
	12	LOW	QPSK	17.96	18.01	18.02	19.00
		MID	QPSK	18.07	17.92	18.08	19.00
		HIGH	QPSK	17.99	17.93	18.01	19.00
	25	LOW	QPSK	18.17	17.92	18.01	19.00
5	1	LOW	Q16	18.39	18.36	18.28	19.00
		MID	Q16	18.16	18.34	18.27	19.00
		HIGH	Q16	17.77	18.12	18.05	19.00
	12	LOW	Q16	18.18	18.09	18.19	19.00
		MID	Q16	18.19	18.28	18.17	19.00
		HIGH	Q16	18.10	18.21	17.99	19.00
	25	LOW	Q16	18.46	18.29	17.93	19.00
5	1	LOW	64QAM	18.11	18.19	18.22	19.00
		MID	64QAM	17.72	18.33	18.19	19.00
		HIGH	64QAM	18.00	18.05	18.18	19.00
	12	LOW	64QAM	18.19	18.29	17.92	19.00
		MID	64QAM	18.24	18.14	18.26	19.00
		HIGH	64QAM	18.45	18.25	18.04	19.00
	25	LOW	64QAM	18.08	18.13	17.99	19.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**18.11**	18.06	18.08	19.00
		MID	QPSK	18.05	18.03	17.95	19.00
		HIGH	QPSK	17.94	18.01	17.77	19.00
	36	LOW	QPSK	18.00	17.92	18.06	19.00
		MID	QPSK	**18.07**	18.03	18.06	19.00
		HIGH	QPSK	17.94	17.89	17.92	19.00
	75	LOW	QPSK	**18.15**	18.10	17.96	19.00
15	1	LOW	Q16	18.30	18.31	18.39	19.00
		MID	Q16	18.12	18.25	18.38	19.00
		HIGH	Q16	17.93	18.23	18.23	19.00
	36	LOW	Q16	18.27	18.13	18.15	19.00
		MID	Q16	18.19	18.24	18.22	19.00
		HIGH	Q16	18.15	18.21	18.08	19.00
	75	LOW	Q16	18.37	18.22	18.07	19.00
10	1	LOW	64QAM	18.18	18.26	18.31	19.00
		MID	64QAM	17.88	18.39	18.21	19.00
		HIGH	64QAM	18.15	18.12	18.11	19.00
	25	LOW	64QAM	18.14	18.20	17.99	19.00
		MID	64QAM	18.17	18.18	18.26	19.00
		HIGH	64QAM	18.38	18.30	18.04	19.00
	50	LOW	64QAM	18.19	18.22	17.92	19.00

LTE B26-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	**16.56**	16.31	16.45	17.00
		MID	QPSK	16.33	16.22	16.20	17.00
		HIGH	QPSK	16.36	16.28	16.27	17.00
	3	LOW	QPSK	16.43	16.38	16.29	17.00
		MID	QPSK	**16.59**	16.58	16.40	17.00
		HIGH	QPSK	16.50	16.55	16.40	17.00
	6	LOW	QPSK	**16.66**	16.46	16.42	17.00
1.4	1	LOW	Q16	16.65	16.54	16.47	17.00
		MID	Q16	16.37	16.51	16.40	17.00
		HIGH	Q16	16.45	16.59	16.25	17.00
	3	LOW	Q16	16.69	16.36	16.25	17.00
		MID	Q16	16.55	16.42	16.30	17.00
		HIGH	Q16	16.63	16.36	16.49	17.00
	6	LOW	Q16	16.59	16.53	16.38	17.00
1.4	1	LOW	64QAM	16.40	16.76	16.49	17.00
		MID	64QAM	16.31	16.38	16.61	17.00
		HIGH	64QAM	16.17	16.59	16.30	17.00
	3	LOW	64QAM	16.62	16.55	16.27	17.00
		MID	64QAM	16.65	16.52	16.39	17.00
		HIGH	64QAM	16.63	16.48	16.46	17.00
	6	LOW	64QAM	16.74	16.12	16.21	17.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	**16.55**	16.52	16.43	17.00
		MID	QPSK	16.31	16.15	16.33	17.00
		HIGH	QPSK	16.30	16.23	16.22	17.00
	8	LOW	QPSK	**16.65**	16.34	16.40	17.00
		MID	QPSK	16.47	16.47	16.41	17.00
		HIGH	QPSK	**16.65**	16.45	16.40	17.00
	15	LOW	QPSK	**16.53**	16.51	16.31	17.00
3	1	LOW	Q16	16.44	16.48	16.59	17.00
		MID	Q16	16.30	16.57	16.58	17.00
		HIGH	Q16	16.41	16.62	16.28	17.00
	8	LOW	Q16	16.70	16.61	16.28	17.00
		MID	Q16	16.60	16.57	16.42	17.00
		HIGH	Q16	16.53	16.41	16.36	17.00
	15	LOW	Q16	16.61	16.46	16.44	17.00
3	1	LOW	64QAM	16.59	16.75	16.47	17.00
		MID	64QAM	16.34	16.44	16.66	17.00
		HIGH	64QAM	16.33	16.65	16.12	17.00
	8	LOW	64QAM	16.56	16.45	16.23	17.00
		MID	64QAM	16.41	16.33	16.37	17.00
		HIGH	64QAM	16.61	16.48	16.42	17.00
	15	LOW	64QAM	16.51	16.17	16.10	17.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	16.40	16.41	16.45	17.00
		MID	QPSK	16.44	16.40	16.28	17.00
		HIGH	QPSK	**16.48**	16.23	16.01	17.00
	12	LOW	QPSK	16.53	**16.57**	16.45	17.00
		MID	QPSK	16.56	16.48	16.43	17.00
		HIGH	QPSK	16.52	16.47	16.31	17.00
	25	LOW	QPSK	**16.64**	16.35	16.27	17.00
5	1	LOW	Q16	16.50	16.63	16.69	17.00
		MID	Q16	16.47	16.39	16.60	17.00
		HIGH	Q16	16.35	16.52	16.46	17.00
	12	LOW	Q16	16.60	16.56	16.43	17.00
		MID	Q16	16.57	16.47	16.26	17.00
		HIGH	Q16	16.63	16.46	16.52	17.00
	25	LOW	Q16	16.71	16.36	16.49	17.00
5	1	LOW	64QAM	16.52	16.81	16.36	17.00
		MID	64QAM	16.42	16.48	16.66	17.00
		HIGH	64QAM	16.21	16.54	16.19	17.00
	12	LOW	64QAM	16.61	16.48	16.33	17.00
		MID	64QAM	16.41	16.33	16.44	17.00
		HIGH	64QAM	16.51	16.30	16.56	17.00
	25	LOW	64QAM	16.71	16.30	16.23	17.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	16.41	16.26	16.40	17.00
		MID	QPSK	**16.54**	16.18	16.16	17.00
		HIGH	QPSK	16.35	16.39	16.03	17.00
	12	LOW	QPSK	16.55	16.42	16.34	17.00
		MID	QPSK	**16.61**	16.47	16.30	17.00
		HIGH	QPSK	16.48	16.43	16.37	17.00
	25	LOW	QPSK	**16.51**	16.36	16.26	17.00
5	1	LOW	Q16	16.42	16.69	16.52	17.00
		MID	Q16	16.37	16.59	16.61	17.00
		HIGH	Q16	16.43	16.44	16.36	17.00
	12	LOW	Q16	16.57	16.45	16.30	17.00
		MID	Q16	16.60	16.45	16.21	17.00
		HIGH	Q16	16.53	16.55	16.46	17.00
	25	LOW	Q16	16.66	16.46	16.23	17.00
5	1	LOW	64QAM	16.57	16.76	16.36	17.00
		MID	64QAM	16.32	16.43	16.66	17.00
		HIGH	64QAM	16.23	16.45	16.07	17.00
	12	LOW	64QAM	16.51	16.67	16.22	17.00
		MID	64QAM	16.50	16.53	16.29	17.00
		HIGH	64QAM	16.68	16.32	16.62	17.00
	25	LOW	64QAM	16.66	16.32	16.13	17.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**16.53**	16.44	16.40	17.00
		MID	QPSK	16.49	16.33	16.31	17.00
		HIGH	QPSK	16.43	16.31	16.19	17.00
	36	LOW	QPSK	16.58	16.50	16.42	17.00
		MID	QPSK	**16.64**	16.50	16.38	17.00
		HIGH	QPSK	16.60	16.50	16.42	17.00
	75	LOW	QPSK	**16.66**	16.43	16.42	17.00
15	1	LOW	Q16	16.57	16.66	16.62	17.00
		MID	Q16	16.45	16.54	16.58	17.00
		HIGH	Q16	16.38	16.54	16.41	17.00
	36	LOW	Q16	16.62	16.53	16.41	17.00
		MID	Q16	16.65	16.57	16.37	17.00
		HIGH	Q16	16.63	16.53	16.49	17.00
	75	LOW	Q16	16.64	16.48	16.41	17.00
10	1	LOW	64QAM	16.57	16.73	16.54	17.00
		MID	64QAM	16.42	16.41	16.58	17.00
		HIGH	64QAM	16.28	16.62	16.25	17.00
	25	LOW	64QAM	16.69	16.60	16.38	17.00
		MID	64QAM	16.58	16.45	16.42	17.00
		HIGH	64QAM	16.68	16.45	16.54	17.00
	50	LOW	64QAM	16.69	16.30	16.26	17.00

LTE B26-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.02	**18.06**	17.99	19.00
		MID	QPSK	18.01	18.03	17.90	19.00
		HIGH	QPSK	17.94	17.94	17.57	19.00
	3	LOW	QPSK	18.04	17.97	18.06	19.00
		MID	QPSK	18.05	**18.10**	17.88	19.00
		HIGH	QPSK	17.81	17.80	17.99	19.00
	6	LOW	QPSK	18.04	**18.19**	17.83	19.00
1.4	1	LOW	Q16	18.39	18.20	18.45	19.00
		MID	Q16	18.12	18.20	18.27	19.00
		HIGH	Q16	17.95	18.10	17.92	19.00
	3	LOW	Q16	18.23	18.00	18.22	19.00
		MID	Q16	18.12	18.08	18.06	19.00
		HIGH	Q16	18.00	18.03	17.99	19.00
	6	LOW	Q16	18.46	18.06	18.03	19.00
1.4	1	LOW	64QAM	18.11	18.35	18.35	19.00
		MID	64QAM	17.92	18.19	18.21	19.00
		HIGH	64QAM	17.95	17.96	17.96	19.00
	3	LOW	64QAM	18.14	18.02	17.90	19.00
		MID	64QAM	18.12	18.25	18.10	19.00
		HIGH	64QAM	18.18	18.26	17.99	19.00
	6	LOW	64QAM	18.04	18.07	17.92	19.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	17.98	**18.06**	17.94	19.00
		MID	QPSK	18.01	17.94	17.95	19.00
		HIGH	QPSK	17.80	**18.06**	17.82	19.00
	8	LOW	QPSK	17.89	17.85	18.01	19.00
		MID	QPSK	17.96	**18.03**	17.86	19.00
		HIGH	QPSK	17.80	17.78	17.78	19.00
	15	LOW	QPSK	**18.13**	18.08	17.92	19.00
3	1	LOW	Q16	18.30	18.18	18.35	19.00
		MID	Q16	18.14	18.21	18.25	19.00
		HIGH	Q16	17.88	18.30	18.10	19.00
	8	LOW	Q16	18.22	17.93	18.08	19.00
		MID	Q16	18.19	18.09	18.07	19.00
		HIGH	Q16	18.11	18.01	18.04	19.00
	15	LOW	Q16	18.19	18.15	18.03	19.00
3	1	LOW	64QAM	18.25	18.35	18.29	19.00
		MID	64QAM	17.83	18.26	18.26	19.00
		HIGH	64QAM	18.17	18.01	18.15	19.00
	8	LOW	64QAM	18.16	18.27	17.79	19.00
		MID	64QAM	17.99	18.13	18.13	19.00
		HIGH	64QAM	18.12	18.23	17.99	19.00
	15	LOW	64QAM	18.28	18.02	17.92	19.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	17.98	17.92	17.94	19.00
		MID	QPSK	17.94	17.83	17.84	19.00
		HIGH	QPSK	17.76	**18.06**	17.63	19.00
	12	LOW	QPSK	17.84	17.92	17.99	19.00
		MID	QPSK	18.07	**18.10**	18.06	19.00
		HIGH	QPSK	17.92	17.96	17.85	19.00
	25	LOW	QPSK	**18.11**	18.06	17.82	19.00
5	1	LOW	Q16	18.30	18.40	18.21	19.00
		MID	Q16	18.16	18.30	18.18	19.00
		HIGH	Q16	17.95	18.32	18.12	19.00
	12	LOW	Q16	18.25	18.15	17.99	19.00
		MID	Q16	18.24	18.31	18.09	19.00
		HIGH	Q16	18.11	18.12	17.88	19.00
	25	LOW	Q16	18.39	18.04	17.89	19.00
5	1	LOW	64QAM	18.13	18.31	18.13	19.00
		MID	64QAM	17.70	18.23	18.10	19.00
		HIGH	64QAM	17.99	18.08	17.96	19.00
	12	LOW	64QAM	17.98	18.13	17.99	19.00
		MID	64QAM	18.08	18.20	18.10	19.00
		HIGH	64QAM	18.29	18.30	18.13	19.00
	25	LOW	64QAM	17.99	18.15	18.01	19.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	17.98	17.93	17.90	19.00
		MID	QPSK	**18.12**	17.96	17.91	19.00
		HIGH	QPSK	18.01	17.92	17.70	19.00
	12	LOW	QPSK	17.96	18.01	18.02	19.00
		MID	QPSK	18.07	17.92	**18.08**	19.00
		HIGH	QPSK	17.99	17.93	18.01	19.00
	25	LOW	QPSK	**18.17**	17.92	18.01	19.00
5	1	LOW	Q16	18.39	18.36	18.28	19.00
		MID	Q16	18.16	18.34	18.27	19.00
		HIGH	Q16	17.77	18.12	18.05	19.00
	12	LOW	Q16	18.18	18.09	18.19	19.00
		MID	Q16	18.19	18.28	18.17	19.00
		HIGH	Q16	18.10	18.21	17.99	19.00
	25	LOW	Q16	18.46	18.29	17.93	19.00
5	1	LOW	64QAM	18.11	18.19	18.22	19.00
		MID	64QAM	17.72	18.33	18.19	19.00
		HIGH	64QAM	18.00	18.05	18.18	19.00
	12	LOW	64QAM	18.19	18.29	17.92	19.00
		MID	64QAM	18.24	18.14	18.26	19.00
		HIGH	64QAM	18.45	18.25	18.04	19.00
	25	LOW	64QAM	18.08	18.13	17.99	19.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**18.11**	18.06	18.08	19.00
		MID	QPSK	18.05	18.03	17.95	19.00
		HIGH	QPSK	17.94	18.01	17.77	19.00
	25	LOW	QPSK	18.00	17.92	18.06	19.00
		MID	QPSK	**18.07**	18.03	18.06	19.00
		HIGH	QPSK	17.94	17.89	17.92	19.00
	50	LOW	QPSK	**18.15**	18.10	17.96	19.00
10	1	LOW	Q16	18.30	18.31	18.39	19.00
		MID	Q16	18.12	18.25	18.38	19.00
		HIGH	Q16	17.93	18.23	18.23	19.00
	25	LOW	Q16	18.27	18.13	18.15	19.00
		MID	Q16	18.19	18.24	18.22	19.00
		HIGH	Q16	18.15	18.21	18.08	19.00
	50	LOW	Q16	18.37	18.22	18.07	19.00
10	1	LOW	64QAM	18.18	18.26	18.31	19.00
		MID	64QAM	17.88	18.39	18.21	19.00
		HIGH	64QAM	18.15	18.12	18.11	19.00
	25	LOW	64QAM	18.14	18.20	17.99	19.00
		MID	64QAM	18.17	18.18	18.26	19.00
		HIGH	64QAM	18.38	18.30	18.04	19.00
	50	LOW	64QAM	18.19	18.22	17.92	19.00

LTE B26-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.50	19.51	19.69	20.50
		MID	QPSK	19.55	19.46	19.73	20.50
		HIGH	QPSK	**19.80**	19.55	19.51	20.50
	3	LOW	QPSK	19.64	19.55	19.48	20.50
		MID	QPSK	19.67	19.54	19.74	20.50
		HIGH	QPSK	**19.78**	19.51	19.67	20.50
	6	LOW	QPSK	**19.79**	19.72	19.64	20.50
1.4	1	LOW	Q16	20.00	19.60	19.64	20.50
		MID	Q16	19.54	19.61	19.80	20.50
		HIGH	Q16	19.49	19.15	19.56	20.50
	3	LOW	Q16	19.69	19.53	19.89	20.50
		MID	Q16	19.80	19.75	19.63	20.50
		HIGH	Q16	19.69	19.67	19.92	20.50
	6	LOW	Q16	19.84	19.83	19.82	20.50
1.4	1	LOW	64QAM	19.54	19.88	19.54	20.50
		MID	64QAM	19.96	19.85	19.76	20.50
		HIGH	64QAM	19.34	19.49	19.60	20.50
	3	LOW	64QAM	19.77	19.58	19.33	20.50
		MID	64QAM	19.78	19.77	19.77	20.50
		HIGH	64QAM	19.32	19.69	19.34	20.50
	6	LOW	64QAM	19.63	19.69	19.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	19.64	19.47	19.67	20.50
		MID	QPSK	19.53	19.62	19.55	20.50
		HIGH	QPSK	**19.68**	19.57	19.47	20.50
	8	LOW	QPSK	19.64	19.51	19.46	20.50
		MID	QPSK	19.59	19.48	19.60	20.50
		HIGH	QPSK	19.62	**19.73**	19.71	20.50
	15	LOW	QPSK	**19.91**	19.86	19.82	20.50
3	1	LOW	Q16	19.70	19.70	19.86	20.50
		MID	Q16	19.58	19.89	19.92	20.50
		HIGH	Q16	19.51	19.20	19.34	20.50
	8	LOW	Q16	19.57	19.57	19.69	20.50
		MID	Q16	19.74	19.73	19.51	20.50
		HIGH	Q16	19.87	19.51	19.74	20.50
	15	LOW	Q16	20.02	19.69	19.66	20.50
3	1	LOW	64QAM	19.36	19.86	19.68	20.50
		MID	64QAM	19.72	19.85	19.58	20.50
		HIGH	64QAM	19.40	19.51	19.62	20.50
	8	LOW	64QAM	19.67	19.36	19.41	20.50
		MID	64QAM	19.92	19.85	19.69	20.50
		HIGH	64QAM	19.31	19.59	19.42	20.50
	15	LOW	64QAM	19.77	19.45	19.66	20.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	19.72	19.63	19.65	20.50
		MID	QPSK	19.59	19.42	19.67	20.50
		HIGH	QPSK	**19.78**	19.55	19.41	20.50
	12	LOW	QPSK	19.62	19.30	19.46	20.50
		MID	QPSK	19.45	19.56	19.52	20.50
		HIGH	QPSK	19.68	19.65	**19.79**	20.50
	25	LOW	QPSK	**19.93**	19.60	19.60	20.50
5	1	LOW	Q16	19.82	19.72	19.88	20.50
		MID	Q16	19.30	19.77	19.84	20.50
		HIGH	Q16	19.57	19.36	19.48	20.50
	12	LOW	Q16	19.77	19.53	19.77	20.50
		MID	Q16	19.72	19.71	19.53	20.50
		HIGH	Q16	19.71	19.45	19.92	20.50
	25	LOW	Q16	19.94	19.83	19.54	20.50
5	1	LOW	64QAM	19.48	19.80	19.56	20.50
		MID	64QAM	19.96	19.57	19.56	20.50
		HIGH	64QAM	19.30	19.51	19.48	20.50
	12	LOW	64QAM	19.63	19.32	19.65	20.50
		MID	64QAM	19.84	19.79	19.59	20.50
		HIGH	64QAM	19.32	19.43	19.48	20.50
	25	LOW	64QAM	19.65	19.61	19.70	20.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	19.64	19.57	19.59	20.50
		MID	QPSK	**19.77**	19.54	19.63	20.50
		HIGH	QPSK	19.68	19.51	19.39	20.50
	12	LOW	QPSK	19.60	19.49	19.38	20.50
		MID	QPSK	19.51	19.64	**19.84**	20.50
		HIGH	QPSK	19.66	19.57	19.79	20.50
	25	LOW	QPSK	**19.85**	19.84	19.82	20.50
5	1	LOW	Q16	20.00	19.70	19.62	20.50
		MID	Q16	19.40	19.67	19.78	20.50
		HIGH	Q16	19.37	19.11	19.56	20.50
	12	LOW	Q16	19.69	19.53	19.75	20.50
		MID	Q16	19.68	19.89	19.57	20.50
		HIGH	Q16	19.79	19.69	19.80	20.50
	25	LOW	Q16	20.02	19.59	19.64	20.50
5	1	LOW	64QAM	19.33	19.68	19.70	20.50
		MID	64QAM	19.92	19.71	19.56	20.50
		HIGH	64QAM	19.22	19.41	19.46	20.50
	12	LOW	64QAM	19.55	19.38	19.39	20.50
		MID	64QAM	19.86	19.65	19.77	20.50
		HIGH	64QAM	19.36	19.69	19.36	20.50
	25	LOW	64QAM	19.81	19.65	19.54	20.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	19.59	19.66	19.63	20.50
		MID	QPSK	19.64	19.69	19.65	20.50
		HIGH	QPSK	19.65	**19.78**	19.47	20.50
	25	LOW	QPSK	19.51	19.74	19.52	20.50
		MID	QPSK	19.70	19.65	19.74	20.50
		HIGH	QPSK	19.67	**19.78**	19.75	20.50
	50	LOW	QPSK	19.78	**19.93**	19.74	20.50
10	1	LOW	Q16	19.76	19.90	19.84	20.50
		MID	Q16	19.83	19.48	19.82	20.50
		HIGH	Q16	19.28	19.47	19.56	20.50
	25	LOW	Q16	19.57	19.79	19.85	20.50
		MID	Q16	19.81	19.70	19.57	20.50
		HIGH	Q16	19.59	19.77	19.82	20.50
	50	LOW	Q16	19.75	19.92	19.74	20.50
10	1	LOW	64QAM	19.90	19.54	19.74	20.50
		MID	64QAM	19.79	19.88	19.70	20.50
		HIGH	64QAM	19.63	19.30	19.56	20.50
	25	LOW	64QAM	19.48	19.69	19.55	20.50
		MID	64QAM	19.83	19.90	19.67	20.50
		HIGH	64QAM	19.59	19.52	19.54	20.50
	50	LOW	64QAM	19.67	19.77	19.64	20.50

LTE B26-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	3	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	6	LOW	QPSK	17.68	**17.70**	17.60	18.50
1.4	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	3	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	6	LOW	Q16	17.73	17.79	17.78	18.50
1.4	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	3	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	6	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	8	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	15	LOW	QPSK	17.68	**17.70**	17.60	18.50
3	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	8	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	15	LOW	Q16	17.73	17.79	17.78	18.50
3	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	8	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	15	LOW	64QAM	17.63	17.73	17.40	18.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	12	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	25	LOW	QPSK	17.68	**17.70**	17.60	18.50
5	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	12	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	25	LOW	Q16	17.73	17.79	17.78	18.50
5	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	12	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	25	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	12	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	25	LOW	QPSK	17.68	**17.70**	17.60	18.50
5	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	12	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	25	LOW	Q16	17.73	17.79	17.78	18.50
5	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	12	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	25	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	17.40	**17.62**	17.61	18.50
		MID	QPSK	17.44	17.60	17.42	18.50
		HIGH	QPSK	17.58	17.58	17.40	18.50
	25	LOW	QPSK	17.45	**17.69**	17.57	18.50
		MID	QPSK	17.65	17.54	17.63	18.50
		HIGH	QPSK	17.54	17.63	17.57	18.50
	50	LOW	QPSK	**17.70**	17.68	17.60	18.50
10	1	LOW	Q16	17.73	17.72	17.90	18.50
		MID	Q16	17.90	17.34	17.48	18.50
		HIGH	Q16	17.16	17.49	17.35	18.50
	25	LOW	Q16	17.47	17.61	17.99	18.50
		MID	Q16	17.97	17.62	17.50	18.50
		HIGH	Q16	17.41	17.56	17.75	18.50
	50	LOW	Q16	17.79	17.73	17.78	18.50
10	1	LOW	64QAM	17.72	17.23	17.52	18.50
		MID	64QAM	17.55	17.83	17.42	18.50
		HIGH	64QAM	17.33	17.12	17.49	18.50
	25	LOW	64QAM	17.53	17.43	17.17	18.50
		MID	64QAM	17.51	17.70	17.51	18.50
		HIGH	64QAM	17.21	17.42	17.43	18.50
	50	LOW	64QAM	17.73	17.63	17.40	18.50

LTE B26-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.36	**15.65**	15.52	16.50
		MID	QPSK	15.34	15.36	15.53	16.50
		HIGH	QPSK	15.44	15.35	15.43	16.50
	3	LOW	QPSK	15.42	15.50	**15.52**	16.50
		MID	QPSK	15.23	15.21	15.44	16.50
		HIGH	QPSK	15.50	15.35	15.38	16.50
	6	LOW	QPSK	15.45	**15.58**	15.48	16.50
1.4	1	LOW	Q16	15.74	15.59	15.91	16.50
		MID	Q16	15.79	15.03	15.37	16.50
		HIGH	Q16	15.03	15.34	15.10	16.50
	3	LOW	Q16	15.60	15.51	16.01	16.50
		MID	Q16	15.36	15.59	15.33	16.50
		HIGH	Q16	15.13	15.54	15.78	16.50
	6	LOW	Q16	15.68	15.55	15.62	16.50
1.4	1	LOW	64QAM	15.80	15.29	15.63	16.50
		MID	64QAM	15.37	15.64	15.30	16.50
		HIGH	64QAM	15.05	14.82	15.47	16.50
	3	LOW	64QAM	15.44	15.54	15.07	16.50
		MID	64QAM	15.47	15.54	15.54	16.50
		HIGH	64QAM	15.09	15.52	15.22	16.50
	6	LOW	64QAM	15.79	15.57	15.26	16.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	15.53	**15.67**	15.44	16.50
		MID	QPSK	15.31	15.35	15.35	16.50
		HIGH	QPSK	15.36	15.35	15.43	16.50
	8	LOW	QPSK	15.36	15.42	15.55	16.50
		MID	QPSK	15.26	15.26	15.36	16.50
		HIGH	QPSK	15.33	**15.57**	15.48	16.50
	15	LOW	QPSK	15.56	15.58	**15.64**	16.50
3	1	LOW	Q16	15.55	15.58	15.94	16.50
		MID	Q16	15.73	15.15	15.23	16.50
		HIGH	Q16	15.00	15.38	15.27	16.50
	8	LOW	Q16	15.60	15.51	15.95	16.50
		MID	Q16	15.60	15.72	15.50	16.50
		HIGH	Q16	15.27	15.57	15.75	16.50
	15	LOW	Q16	15.67	15.68	15.81	16.50
3	1	LOW	64QAM	15.66	15.12	15.45	16.50
		MID	64QAM	15.40	15.64	15.30	16.50
		HIGH	64QAM	15.20	15.02	15.55	16.50
	8	LOW	64QAM	15.50	15.54	15.27	16.50
		MID	64QAM	15.62	15.54	15.62	16.50
		HIGH	64QAM	15.10	15.36	15.29	16.50
	15	LOW	64QAM	15.76	15.50	15.29	16.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	15.50	15.43	15.54	16.50
		MID	QPSK	15.39	**15.57**	15.55	16.50
		HIGH	QPSK	15.33	15.32	15.33	16.50
	12	LOW	QPSK	15.45	**15.58**	15.49	16.50
		MID	QPSK	15.44	15.24	15.38	16.50
		HIGH	QPSK	15.37	15.43	15.37	16.50
	25	LOW	QPSK	15.61	15.58	**15.65**	16.50
5	1	LOW	Q16	15.55	15.53	15.96	16.50
		MID	Q16	15.84	15.06	15.32	16.50
		HIGH	Q16	15.00	15.27	15.15	16.50
	12	LOW	Q16	15.44	15.46	15.77	16.50
		MID	Q16	15.38	15.64	15.46	16.50
		HIGH	Q16	15.30	15.62	15.67	16.50
	25	LOW	Q16	15.87	15.43	15.72	16.50
5	1	LOW	64QAM	15.74	15.18	15.45	16.50
		MID	64QAM	15.38	15.62	15.33	16.50
		HIGH	64QAM	15.27	15.04	15.44	16.50
	12	LOW	64QAM	15.36	15.56	15.21	16.50
		MID	64QAM	15.50	15.70	15.51	16.50
		HIGH	64QAM	14.98	15.44	15.23	16.50
	25	LOW	64QAM	15.65	15.46	15.09	16.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	15.36	**15.57**	15.36	16.50
		MID	QPSK	15.24	**15.57**	15.55	16.50
		HIGH	QPSK	15.39	15.38	15.38	16.50
	12	LOW	QPSK	15.45	15.42	15.47	16.50
		MID	QPSK	15.24	15.27	15.53	16.50
		HIGH	QPSK	15.43	15.55	**15.56**	16.50
	25	LOW	QPSK	15.50	**15.60**	15.53	16.50
5	1	LOW	Q16	15.60	15.56	15.82	16.50
		MID	Q16	15.69	15.06	15.37	16.50
		HIGH	Q16	15.11	15.38	15.09	16.50
	12	LOW	Q16	15.38	15.41	15.80	16.50
		MID	Q16	15.54	15.64	15.48	16.50
		HIGH	Q16	15.19	15.57	15.59	16.50
	25	LOW	Q16	15.89	15.68	15.64	16.50
5	1	LOW	64QAM	15.64	15.24	15.49	16.50
		MID	64QAM	15.37	15.69	15.33	16.50
		HIGH	64QAM	15.07	14.89	15.39	16.50
	12	LOW	64QAM	15.39	15.39	15.14	16.50
		MID	64QAM	15.53	15.71	15.67	16.50
		HIGH	64QAM	15.06	15.36	15.45	16.50
	25	LOW	64QAM	15.86	15.60	15.17	16.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	15.36	**15.59**	15.36	16.50
		MID	QPSK	15.31	15.58	15.42	16.50
		HIGH	QPSK	15.38	15.32	15.24	16.50
	25	LOW	QPSK	15.38	**15.56**	15.41	16.50
		MID	QPSK	15.24	15.40	15.50	16.50
		HIGH	QPSK	15.42	15.34	15.48	16.50
	50	LOW	QPSK	15.57	**15.77**	15.68	16.50
10	1	LOW	Q16	15.63	15.50	15.71	16.50
		MID	Q16	15.79	15.22	15.22	16.50
		HIGH	Q16	15.03	15.21	15.29	16.50
	25	LOW	Q16	15.46	15.38	15.88	16.50
		MID	Q16	15.57	15.61	15.46	16.50
		HIGH	Q16	15.29	15.54	15.72	16.50
	50	LOW	Q16	15.87	15.44	15.81	16.50
10	1	LOW	64QAM	15.66	15.32	15.49	16.50
		MID	64QAM	15.40	15.75	15.44	16.50
		HIGH	64QAM	15.30	14.92	15.33	16.50
	25	LOW	64QAM	15.36	15.51	15.22	16.50
		MID	64QAM	15.62	15.76	15.53	16.50
		HIGH	64QAM	15.17	15.36	15.26	16.50
	50	LOW	64QAM	15.86	15.44	15.29	16.50

LTE B26-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	3	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	6	LOW	QPSK	17.68	**17.70**	17.60	18.50
1.4	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	3	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	6	LOW	Q16	17.73	17.79	17.78	18.50
1.4	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	3	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	6	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	8	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	15	LOW	QPSK	17.68	**17.70**	17.60	18.50
3	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	8	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	15	LOW	Q16	17.73	17.79	17.78	18.50
3	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	8	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	15	LOW	64QAM	17.63	17.73	17.40	18.50

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	12	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	25	LOW	QPSK	17.68	**17.70**	17.60	18.50
5	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	12	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	25	LOW	Q16	17.73	17.79	17.78	18.50
5	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	12	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	25	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	17.62	17.40	17.61	18.50
		MID	QPSK	17.60	17.44	**17.67**	18.50
		HIGH	QPSK	17.58	17.58	17.30	18.50
	12	LOW	QPSK	**17.69**	17.45	17.57	18.50
		MID	QPSK	17.54	17.65	17.63	18.50
		HIGH	QPSK	17.63	17.54	17.57	18.50
	25	LOW	QPSK	17.68	**17.70**	17.60	18.50
5	1	LOW	Q16	17.72	17.73	17.90	18.50
		MID	Q16	17.34	17.90	17.48	18.50
		HIGH	Q16	17.49	17.16	17.35	18.50
	12	LOW	Q16	17.61	17.47	17.99	18.50
		MID	Q16	17.62	17.97	17.50	18.50
		HIGH	Q16	17.56	17.41	17.75	18.50
	25	LOW	Q16	17.73	17.79	17.78	18.50
5	1	LOW	64QAM	17.23	17.72	17.52	18.50
		MID	64QAM	17.83	17.55	17.42	18.50
		HIGH	64QAM	17.12	17.33	17.49	18.50
	12	LOW	64QAM	17.43	17.53	17.17	18.50
		MID	64QAM	17.70	17.51	17.51	18.50
		HIGH	64QAM	17.42	17.21	17.43	18.50
	25	LOW	64QAM	17.63	17.73	17.40	18.50
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	17.40	**17.62**	17.61	18.50
		MID	QPSK	17.44	17.60	17.42	18.50
		HIGH	QPSK	17.58	17.58	17.40	18.50
	25	LOW	QPSK	17.45	**17.69**	17.57	18.50
		MID	QPSK	17.65	17.54	17.63	18.50
		HIGH	QPSK	17.54	17.63	17.57	18.50
	50	LOW	QPSK	**17.70**	17.68	17.60	18.50
10	1	LOW	Q16	17.73	17.72	17.90	18.50
		MID	Q16	17.90	17.34	17.48	18.50
		HIGH	Q16	17.16	17.49	17.35	18.50
	25	LOW	Q16	17.47	17.61	17.99	18.50
		MID	Q16	17.97	17.62	17.50	18.50
		HIGH	Q16	17.41	17.56	17.75	18.50
	50	LOW	Q16	17.79	17.73	17.78	18.50
10	1	LOW	64QAM	17.72	17.23	17.52	18.50
		MID	64QAM	17.55	17.83	17.42	18.50
		HIGH	64QAM	17.33	17.12	17.49	18.50
	25	LOW	64QAM	17.53	17.43	17.17	18.50
		MID	64QAM	17.51	17.70	17.51	18.50
		HIGH	64QAM	17.21	17.42	17.43	18.50
	50	LOW	64QAM	17.73	17.63	17.40	18.50

LTE B12-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	23.25	22.87	23.05	24.00
	3	LOW	QPSK	22.44	22.22	22.32	23.00
		MID	QPSK	22.44	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	22.27	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.20	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	22.33	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	22.33	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	23.29	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	22.46	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	22.25	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	23.36	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	25	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	22.49	22.12	22.00	23.00
	50	LOW	QPSK	22.23	22.40	22.27	23.00
10	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	25	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	50	LOW	Q16	21.49	21.20	21.06	22.00
10	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	25	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	50	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	23.33	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	36	LOW	QPSK	22.44	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	75	LOW	QPSK	22.43	22.29	22.20	23.00
15	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	36	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	75	LOW	Q16	21.49	21.31	21.19	22.00
15	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	36	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	75	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 16 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	23.25	22.87	23.05	24.00
	3	LOW	QPSK	22.44	22.22	22.32	23.00
		MID	QPSK	22.44	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	22.27	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	23.20	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	22.33	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	22.33	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	23.29	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	22.46	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	22.25	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	23.36	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	22.49	22.12	22.00	23.00
	25	LOW	QPSK	22.23	22.40	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	23.33	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	22.44	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	22.43	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 18 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 20 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 11-Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 15 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 17 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

LTE B12-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.14	23.06	23.22	24.00
		MID	QPSK	23.03	23.05	23.07	24.00
		HIGH	QPSK	**23.25**	22.87	23.05	24.00
	3	LOW	QPSK	**22.44**	22.22	22.32	23.00
		MID	QPSK	**22.44**	22.15	22.34	23.00
		HIGH	QPSK	22.38	22.35	22.06	23.00
	6	LOW	QPSK	**22.27**	22.18	22.13	23.00
1.4	1	LOW	Q16	22.31	22.77	22.51	23.00
		MID	Q16	22.12	22.56	22.32	23.00
		HIGH	Q16	22.16	22.30	22.38	23.00
	3	LOW	Q16	21.44	21.17	21.32	22.00
		MID	Q16	21.27	21.12	21.05	22.00
		HIGH	Q16	21.54	21.41	21.14	22.00
	6	LOW	Q16	21.53	21.20	20.96	22.00
1.4	1	LOW	64QAM	21.28	21.79	21.45	22.00
		MID	64QAM	21.04	21.38	21.43	22.00
		HIGH	64QAM	21.13	21.35	21.42	22.00
	3	LOW	64QAM	20.70	20.47	20.27	22.00
		MID	64QAM	20.30	20.53	20.26	22.00
		HIGH	64QAM	20.57	20.53	20.12	22.00
	6	LOW	64QAM	20.44	20.20	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.12	**23.20**	23.10	24.00
		MID	QPSK	23.01	23.05	22.80	24.00
		HIGH	QPSK	23.16	22.98	22.77	24.00
	8	LOW	QPSK	**22.33**	22.29	22.12	23.00
		MID	QPSK	22.29	22.08	22.01	23.00
		HIGH	QPSK	22.24	22.15	22.31	23.00
	15	LOW	QPSK	22.25	**22.33**	22.07	23.00
3	1	LOW	Q16	22.35	22.57	22.45	23.00
		MID	Q16	22.01	22.38	22.27	23.00
		HIGH	Q16	22.00	22.62	22.29	23.00
	8	LOW	Q16	21.44	21.27	21.18	22.00
		MID	Q16	21.57	21.37	21.13	22.00
		HIGH	Q16	21.28	21.26	21.14	22.00
	15	LOW	Q16	21.55	21.35	21.08	22.00
3	1	LOW	64QAM	21.28	21.64	21.76	22.00
		MID	64QAM	21.19	21.57	21.28	22.00
		HIGH	64QAM	20.98	21.48	21.29	22.00
	8	LOW	64QAM	20.47	20.39	20.11	22.00
		MID	64QAM	20.45	20.41	20.40	22.00
		HIGH	64QAM	20.82	20.61	20.12	22.00
	15	LOW	64QAM	20.33	20.12	20.06	21.00

Bandwidth (	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.19	23.16	22.98	24.00
		MID	QPSK	**23.29**	22.96	23.12	24.00
		HIGH	QPSK	23.25	22.94	23.05	24.00
	12	LOW	QPSK	**22.46**	22.37	22.23	23.00
		MID	QPSK	22.44	22.10	22.05	23.00
		HIGH	QPSK	22.42	22.24	22.24	23.00
	25	LOW	QPSK	**22.25**	22.07	22.16	23.00
5	1	LOW	Q16	22.11	22.64	22.27	23.00
		MID	Q16	22.30	22.53	22.34	23.00
		HIGH	Q16	22.09	22.53	22.20	23.00
	12	LOW	Q16	21.37	21.14	21.09	22.00
		MID	Q16	21.50	21.24	21.03	22.00
		HIGH	Q16	21.32	21.35	21.23	22.00
	25	LOW	Q16	21.38	21.20	21.13	22.00
5	1	LOW	64QAM	21.33	21.79	21.56	22.00
		MID	64QAM	21.31	21.47	21.43	22.00
		HIGH	64QAM	20.88	21.63	21.20	22.00
	12	LOW	64QAM	20.47	20.33	20.31	22.00
		MID	64QAM	20.57	20.53	20.42	22.00
		HIGH	64QAM	20.62	20.73	20.26	22.00
	25	LOW	64QAM	20.33	20.24	20.24	21.00
Bandwidth (	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
5	1	LOW	QPSK	23.10	23.13	23.10	24.00
		MID	QPSK	**23.36**	22.93	22.84	24.00
		HIGH	QPSK	23.28	23.08	22.79	24.00
	12	LOW	QPSK	22.28	22.24	22.30	23.00
		MID	QPSK	22.31	22.12	22.27	23.00
		HIGH	QPSK	**22.49**	22.12	22.00	23.00
	25	LOW	QPSK	22.23	**22.40**	22.27	23.00
5	1	LOW	Q16	22.20	22.41	22.40	23.00
		MID	Q16	22.19	22.53	22.21	23.00
		HIGH	Q16	22.16	22.28	22.31	23.00
	12	LOW	Q16	21.25	21.14	21.26	22.00
		MID	Q16	21.57	21.22	21.26	22.00
		HIGH	Q16	21.34	21.43	21.34	22.00
	25	LOW	Q16	21.49	21.20	21.06	22.00
5	1	LOW	64QAM	21.43	21.51	21.76	22.00
		MID	64QAM	21.25	21.31	21.11	22.00
		HIGH	64QAM	21.05	21.46	21.10	22.00
	12	LOW	64QAM	20.76	20.17	20.31	22.00
		MID	64QAM	20.61	20.47	20.26	22.00
		HIGH	64QAM	20.68	20.67	20.02	22.00
	25	LOW	64QAM	20.60	20.34	20.20	21.00
Bandwidth (	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
10	1	LOW	QPSK	**23.33**	23.18	23.17	24.00
		MID	QPSK	23.24	23.19	23.05	24.00
		HIGH	QPSK	23.16	23.10	23.00	24.00
	25	LOW	QPSK	**22.44**	22.33	22.21	23.00
		MID	QPSK	22.40	22.28	22.23	23.00
		HIGH	QPSK	22.40	22.37	22.22	23.00
	50	LOW	QPSK	**22.43**	22.29	22.20	23.00
10	1	LOW	Q16	22.33	22.66	22.47	23.00
		MID	Q16	22.21	22.58	22.34	23.00
		HIGH	Q16	22.09	22.53	22.31	23.00
	25	LOW	Q16	21.46	21.38	21.24	22.00
		MID	Q16	21.46	21.33	21.24	22.00
		HIGH	Q16	21.45	21.41	21.25	22.00
	50	LOW	Q16	21.49	21.31	21.19	22.00
10	1	LOW	64QAM	21.37	21.75	21.67	22.00
		MID	64QAM	21.25	21.53	21.32	22.00
		HIGH	64QAM	21.11	21.57	21.31	22.00
	25	LOW	64QAM	20.70	20.39	20.27	22.00
		MID	64QAM	20.53	20.57	20.42	22.00
		HIGH	64QAM	20.74	20.65	20.24	22.00
	50	LOW	64QAM	20.54	20.32	20.28	21.00

8.3.11LTE Band66 Output Power

LTE B66-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.40	17.50	17.51	19.00
		MID	QPSK	17.14	17.23	17.36	19.00
		HIGH	QPSK	17.33	17.32	17.12	19.00
	3	LOW	QPSK	17.44	17.49	17.41	19.00
		MID	QPSK	17.48	17.53	17.27	19.00
		HIGH	QPSK	17.26	17.33	17.23	19.00
	6	LOW	QPSK	17.33	17.39	17.30	19.00
1.4	1	LOW	Q16	17.38	17.63	17.56	19.00
		MID	Q16	17.49	17.42	17.31	19.00
		HIGH	Q16	17.35	17.55	17.26	19.00
	3	LOW	Q16	17.52	17.37	17.45	19.00
		MID	Q16	17.36	17.57	17.39	19.00
		HIGH	Q16	17.41	17.47	17.40	19.00
	6	LOW	Q16	17.41	17.47	17.35	19.00
1.4	1	LOW	64QAM	17.28	17.36	17.35	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.45	17.34	17.19	19.00
	3	LOW	64QAM	17.36	17.41	17.50	19.00
		MID	64QAM	17.43	17.46	17.52	19.00
		HIGH	64QAM	17.34	17.38	17.54	19.00
	6	LOW	64QAM	17.54	17.65	17.59	19.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.26	17.22	17.47	19.00
		MID	QPSK	17.12	17.18	17.29	19.00
		HIGH	QPSK	17.12	17.55	17.19	19.00
	8	LOW	QPSK	17.46	17.40	17.47	19.00
		MID	QPSK	17.38	17.55	17.49	19.00
		HIGH	QPSK	17.31	17.41	17.33	19.00
	15	LOW	QPSK	17.56	17.35	17.35	19.00
3	1	LOW	Q16	17.54	17.54	17.42	19.00
		MID	Q16	17.52	17.45	17.28	19.00
		HIGH	Q16	17.54	17.76	17.30	19.00
	8	LOW	Q16	17.61	17.47	17.38	19.00
		MID	Q16	17.54	17.38	17.44	19.00
		HIGH	Q16	17.53	17.56	17.49	19.00
	15	LOW	Q16	17.38	17.42	17.33	19.00
3	1	LOW	64QAM	17.26	17.40	17.25	19.00
		MID	64QAM	17.28	17.61	17.35	19.00
		HIGH	64QAM	17.31	17.43	17.16	19.00
	8	LOW	64QAM	17.38	17.23	17.38	19.00
		MID	64QAM	17.31	17.30	17.41	19.00
		HIGH	64QAM	17.24	17.27	17.42	19.00
	15	LOW	64QAM	17.58	17.56	17.50	19.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.50	17.29	17.25	19.00
		MID	QPSK	17.10	17.35	17.18	19.00
		HIGH	QPSK	17.24	17.49	17.15	19.00
	12	LOW	QPSK	17.51	17.40	17.37	19.00
		MID	QPSK	17.48	17.59	17.37	19.00
		HIGH	QPSK	17.40	17.45	17.28	19.00
	25	LOW	QPSK	17.61	17.40	17.37	19.00
5	1	LOW	Q16	17.63	17.70	17.53	19.00
		MID	Q16	17.42	17.45	17.26	19.00
		HIGH	Q16	17.31	17.56	17.19	19.00
	12	LOW	Q16	17.56	17.35	17.33	19.00
		MID	Q16	17.59	17.64	17.46	19.00
		HIGH	Q16	17.27	17.49	17.37	19.00
	25	LOW	Q16	17.57	17.56	17.49	19.00
5	1	LOW	64QAM	17.33	17.43	17.39	19.00
		MID	64QAM	17.19	17.56	17.45	19.00
		HIGH	64QAM	17.31	17.53	17.42	19.00
	12	LOW	64QAM	17.47	17.29	17.59	19.00
		MID	64QAM	17.53	17.39	17.40	19.00
		HIGH	64QAM	17.29	17.41	17.36	19.00
	25	LOW	64QAM	17.45	17.40	17.52	19.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.48	17.43	17.41	19.00
		MID	QPSK	17.07	17.21	17.13	19.00
		HIGH	QPSK	17.22	17.32	17.08	19.00
	25	LOW	QPSK	17.48	17.33	17.32	19.00
		MID	QPSK	17.48	17.37	17.46	19.00
		HIGH	QPSK	17.26	17.31	17.35	19.00
	50	LOW	QPSK	17.33	17.53	17.41	19.00
10	1	LOW	Q16	17.38	17.79	17.46	19.00
		MID	Q16	17.47	17.43	17.45	19.00
		HIGH	Q16	17.31	17.65	17.21	19.00
	25	LOW	Q16	17.35	17.33	17.40	19.00
		MID	Q16	17.34	17.45	17.44	19.00
		HIGH	Q16	17.41	17.40	17.40	19.00
	50	LOW	Q16	17.52	17.37	17.35	19.00
10	1	LOW	64QAM	17.30	17.48	17.32	19.00
		MID	64QAM	17.28	17.45	17.49	19.00
		HIGH	64QAM	17.50	17.50	17.33	19.00
	25	LOW	64QAM	17.29	17.30	17.38	19.00
		MID	64QAM	17.31	17.34	17.57	19.00
		HIGH	64QAM	17.48	17.36	17.36	19.00
	50	LOW	64QAM	17.61	17.54	17.59	19.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.46	17.46	17.25	19.00
		MID	QPSK	17.33	17.23	17.24	19.00
		HIGH	QPSK	17.38	17.46	17.03	19.00
	36	LOW	QPSK	17.55	17.46	17.28	19.00
		MID	QPSK	17.59	17.46	17.39	19.00
		HIGH	QPSK	17.48	17.54	17.21	19.00
	75	LOW	QPSK	17.38	17.35	17.41	19.00
15	1	LOW	Q16	17.61	17.75	17.65	19.00
		MID	Q16	17.44	17.54	17.36	19.00
		HIGH	Q16	17.48	17.76	17.42	19.00
	36	LOW	Q16	17.59	17.33	17.44	19.00
		MID	Q16	17.50	17.52	17.56	19.00
		HIGH	Q16	17.53	17.35	17.40	19.00
	75	LOW	Q16	17.43	17.49	17.30	19.00
15	1	LOW	64QAM	17.42	17.47	17.46	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.50	17.48	17.42	19.00
	36	LOW	64QAM	17.45	17.32	17.34	19.00
		MID	64QAM	17.29	17.27	17.41	19.00
		HIGH	64QAM	17.34	17.45	17.43	19.00
	75	LOW	64QAM	17.42	17.40	17.47	19.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.43	**17.46**	17.44	19.00
		MID	QPSK	17.26	17.30	17.27	19.00
		HIGH	QPSK	17.31	17.34	17.22	19.00
	50	LOW	QPSK	17.50	17.49	17.44	19.00
		MID	QPSK	17.53	**17.55**	17.44	19.00
		HIGH	QPSK	17.43	17.50	17.40	19.00
	100	LOW	QPSK	**17.52**	17.51	17.44	19.00
20	1	LOW	Q16	17.56	17.70	17.58	19.00
		MID	Q16	17.47	17.61	17.45	19.00
		HIGH	Q16	17.45	17.67	17.35	19.00
	50	LOW	Q16	17.54	17.49	17.47	19.00
		MID	Q16	17.52	17.57	17.49	19.00
		HIGH	Q16	17.44	17.54	17.40	19.00
	100	LOW	Q16	17.52	17.56	17.47	19.00
20	1	LOW	64QAM	17.42	17.52	17.44	19.00
		MID	64QAM	17.35	17.52	17.54	19.00
		HIGH	64QAM	17.50	17.48	17.35	19.00
	50	LOW	64QAM	17.38	17.39	17.52	19.00
		MID	64QAM	17.48	17.46	17.52	19.00
		HIGH	64QAM	17.41	17.43	17.45	19.00
	100	LOW	64QAM	17.54	17.56	17.54	19.00

LTE B66-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.40	17.50	17.51	19.00
		MID	QPSK	17.14	17.23	17.36	19.00
		HIGH	QPSK	17.33	17.32	17.12	19.00
	3	LOW	QPSK	17.44	17.49	17.41	19.00
		MID	QPSK	17.48	17.53	17.27	19.00
		HIGH	QPSK	17.26	17.33	17.23	19.00
	6	LOW	QPSK	17.33	17.39	17.30	19.00
1.4	1	LOW	Q16	17.38	17.63	17.56	19.00
		MID	Q16	17.49	17.42	17.31	19.00
		HIGH	Q16	17.35	17.55	17.26	19.00
	3	LOW	Q16	17.52	17.37	17.45	19.00
		MID	Q16	17.36	17.57	17.39	19.00
		HIGH	Q16	17.41	17.47	17.40	19.00
	6	LOW	Q16	17.41	17.47	17.35	19.00
1.4	1	LOW	64QAM	17.28	17.36	17.35	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.45	17.34	17.19	19.00
	3	LOW	64QAM	17.36	17.41	17.50	19.00
		MID	64QAM	17.43	17.46	17.52	19.00
		HIGH	64QAM	17.34	17.38	17.54	19.00
	6	LOW	64QAM	17.54	17.65	17.59	19.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.26	17.22	17.47	19.00
		MID	QPSK	17.12	17.18	17.29	19.00
		HIGH	QPSK	17.12	17.55	17.19	19.00
	8	LOW	QPSK	17.46	17.40	17.47	19.00
		MID	QPSK	17.38	17.55	17.49	19.00
		HIGH	QPSK	17.31	17.41	17.33	19.00
	15	LOW	QPSK	17.56	17.35	17.35	19.00
3	1	LOW	Q16	17.54	17.54	17.42	19.00
		MID	Q16	17.52	17.45	17.28	19.00
		HIGH	Q16	17.54	17.76	17.30	19.00
	8	LOW	Q16	17.61	17.47	17.38	19.00
		MID	Q16	17.54	17.38	17.44	19.00
		HIGH	Q16	17.53	17.56	17.49	19.00
	15	LOW	Q16	17.38	17.42	17.33	19.00
3	1	LOW	64QAM	17.26	17.40	17.25	19.00
		MID	64QAM	17.28	17.61	17.35	19.00
		HIGH	64QAM	17.31	17.43	17.16	19.00
	8	LOW	64QAM	17.38	17.23	17.38	19.00
		MID	64QAM	17.31	17.30	17.41	19.00
		HIGH	64QAM	17.24	17.27	17.42	19.00
	15	LOW	64QAM	17.58	17.56	17.50	19.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	17.50	17.29	17.25	19.00
		MID	QPSK	17.10	17.35	17.18	19.00
		HIGH	QPSK	17.24	17.49	17.15	19.00
	12	LOW	QPSK	17.51	17.40	17.37	19.00
		MID	QPSK	17.48	17.59	17.37	19.00
		HIGH	QPSK	17.40	17.45	17.28	19.00
	25	LOW	QPSK	17.61	17.40	17.37	19.00
5	1	LOW	Q16	17.63	17.70	17.53	19.00
		MID	Q16	17.42	17.45	17.26	19.00
		HIGH	Q16	17.31	17.56	17.19	19.00
	12	LOW	Q16	17.56	17.35	17.33	19.00
		MID	Q16	17.59	17.64	17.46	19.00
		HIGH	Q16	17.27	17.49	17.37	19.00
	25	LOW	Q16	17.57	17.56	17.49	19.00
5	1	LOW	64QAM	17.33	17.43	17.39	19.00
		MID	64QAM	17.19	17.56	17.45	19.00
		HIGH	64QAM	17.31	17.53	17.42	19.00
	12	LOW	64QAM	17.47	17.29	17.59	19.00
		MID	64QAM	17.53	17.39	17.40	19.00
		HIGH	64QAM	17.29	17.41	17.36	19.00
	25	LOW	64QAM	17.45	17.40	17.52	19.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	17.48	17.43	17.41	19.00
		MID	QPSK	17.07	17.21	17.13	19.00
		HIGH	QPSK	17.22	17.32	17.08	19.00
	25	LOW	QPSK	17.48	17.33	17.32	19.00
		MID	QPSK	17.48	17.37	17.46	19.00
		HIGH	QPSK	17.26	17.31	17.35	19.00
	50	LOW	QPSK	17.33	17.53	17.41	19.00
10	1	LOW	Q16	17.38	17.79	17.46	19.00
		MID	Q16	17.47	17.43	17.45	19.00
		HIGH	Q16	17.31	17.65	17.21	19.00
	25	LOW	Q16	17.35	17.33	17.40	19.00
		MID	Q16	17.34	17.45	17.44	19.00
		HIGH	Q16	17.41	17.40	17.40	19.00
	50	LOW	Q16	17.52	17.37	17.35	19.00
10	1	LOW	64QAM	17.30	17.48	17.32	19.00
		MID	64QAM	17.28	17.45	17.49	19.00
		HIGH	64QAM	17.50	17.50	17.33	19.00
	25	LOW	64QAM	17.29	17.30	17.38	19.00
		MID	64QAM	17.31	17.34	17.57	19.00
		HIGH	64QAM	17.48	17.36	17.36	19.00
	50	LOW	64QAM	17.61	17.54	17.59	19.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.46	17.46	17.25	19.00
		MID	QPSK	17.33	17.23	17.24	19.00
		HIGH	QPSK	17.38	17.46	17.03	19.00
	36	LOW	QPSK	17.55	17.46	17.28	19.00
		MID	QPSK	17.59	17.46	17.39	19.00
		HIGH	QPSK	17.48	17.54	17.21	19.00
	75	LOW	QPSK	17.38	17.35	17.41	19.00
15	1	LOW	Q16	17.61	17.75	17.65	19.00
		MID	Q16	17.44	17.54	17.36	19.00
		HIGH	Q16	17.48	17.76	17.42	19.00
	36	LOW	Q16	17.59	17.33	17.44	19.00
		MID	Q16	17.50	17.52	17.56	19.00
		HIGH	Q16	17.53	17.35	17.40	19.00
	75	LOW	Q16	17.43	17.49	17.30	19.00
15	1	LOW	64QAM	17.42	17.47	17.46	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.50	17.48	17.42	19.00
	36	LOW	64QAM	17.45	17.32	17.34	19.00
		MID	64QAM	17.29	17.27	17.41	19.00
		HIGH	64QAM	17.34	17.45	17.43	19.00
	75	LOW	64QAM	17.42	17.40	17.47	19.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.43	**17.46**	17.44	19.00
		MID	QPSK	17.26	17.30	17.27	19.00
		HIGH	QPSK	17.31	17.34	17.22	19.00
	50	LOW	QPSK	17.50	17.49	17.44	19.00
		MID	QPSK	17.53	**17.55**	17.44	19.00
		HIGH	QPSK	17.43	17.50	17.40	19.00
	100	LOW	QPSK	**17.52**	17.51	17.44	19.00
20	1	LOW	Q16	17.56	17.70	17.58	19.00
		MID	Q16	17.47	17.61	17.45	19.00
		HIGH	Q16	17.45	17.67	17.35	19.00
	50	LOW	Q16	17.54	17.49	17.47	19.00
		MID	Q16	17.52	17.57	17.49	19.00
		HIGH	Q16	17.44	17.54	17.40	19.00
	100	LOW	Q16	17.52	17.56	17.47	19.00
20	1	LOW	64QAM	17.42	17.52	17.44	19.00
		MID	64QAM	17.35	17.52	17.54	19.00
		HIGH	64QAM	17.50	17.48	17.35	19.00
	50	LOW	64QAM	17.38	17.39	17.52	19.00
		MID	64QAM	17.48	17.46	17.52	19.00
		HIGH	64QAM	17.41	17.43	17.45	19.00
	100	LOW	64QAM	17.54	17.56	17.54	19.00

LTE B66-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	8.88	8.95	8.78	10.50
		MID	QPSK	8.94	**9.05**	8.87	10.50
		HIGH	QPSK	8.92	9.01	8.82	10.50
	3	LOW	QPSK	8.87	9.00	8.88	10.50
		MID	QPSK	9.06	8.97	8.99	10.50
		HIGH	QPSK	9.07	**9.15**	8.99	10.50
	6	LOW	QPSK	8.95	8.98	**9.04**	10.50
1.4	1	LOW	Q16	9.21	9.26	9.08	10.50
		MID	Q16	9.20	9.26	9.11	10.50
		HIGH	Q16	9.29	9.27	9.02	10.50
	3	LOW	Q16	8.96	8.96	8.91	10.50
		MID	Q16	9.00	9.10	8.92	10.50
		HIGH	Q16	8.99	9.19	8.91	10.50
	6	LOW	Q16	8.96	9.02	8.88	10.50
1.4	1	LOW	64QAM	9.29	9.28	9.09	10.50
		MID	64QAM	9.15	9.34	9.10	10.50
		HIGH	64QAM	9.33	9.30	9.01	10.50
	3	LOW	64QAM	8.92	9.08	8.78	10.50
		MID	64QAM	8.93	9.15	9.02	10.50
		HIGH	64QAM	8.96	9.09	8.84	10.50
	6	LOW	64QAM	9.00	9.06	8.87	10.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	8.84	8.99	8.79	10.50
		MID	QPSK	8.85	9.09	8.84	10.50
		HIGH	QPSK	8.93	**9.11**	8.80	10.50
	8	LOW	QPSK	8.95	9.08	8.88	10.50
		MID	QPSK	9.04	**9.11**	9.07	10.50
		HIGH	QPSK	8.99	9.06	9.02	10.50
	15	LOW	QPSK	**9.07**	9.05	8.91	10.50
3	1	LOW	Q16	9.27	9.25	9.05	10.50
		MID	Q16	9.29	9.31	9.11	10.50
		HIGH	Q16	9.27	9.36	9.01	10.50
	8	LOW	Q16	8.93	9.01	8.92	10.50
		MID	Q16	8.90	9.06	8.89	10.50
		HIGH	Q16	8.98	9.08	8.92	10.50
	15	LOW	Q16	8.95	9.02	8.93	10.50
3	1	LOW	64QAM	9.25	9.19	9.11	10.50
		MID	64QAM	9.14	9.25	9.20	10.50
		HIGH	64QAM	9.26	9.24	9.05	10.50
	8	LOW	64QAM	8.95	8.98	8.88	10.50
		MID	64QAM	8.95	9.09	9.00	10.50
		HIGH	64QAM	8.90	9.04	8.90	10.50
	15	LOW	64QAM	8.97	8.99	8.92	10.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	8.89	8.97	8.79	10.50
		MID	QPSK	8.85	8.96	8.89	10.50
		HIGH	QPSK	8.94	**9.04**	8.87	10.50
	12	LOW	QPSK	8.89	9.02	8.88	10.50
		MID	QPSK	9.07	**9.12**	9.01	10.50
		HIGH	QPSK	9.04	9.10	8.99	10.50
	25	LOW	QPSK	**9.06**	9.02	8.91	10.50
5	1	LOW	Q16	9.20	9.29	9.07	10.50
		MID	Q16	9.31	9.20	9.03	10.50
		HIGH	Q16	9.27	9.25	9.10	10.50
	12	LOW	Q16	8.92	8.95	8.91	10.50
		MID	Q16	8.95	9.14	8.87	10.50
		HIGH	Q16	8.99	9.07	8.88	10.50
	25	LOW	Q16	9.06	8.99	8.89	10.50
5	1	LOW	64QAM	9.28	9.31	9.08	10.50
		MID	64QAM	9.23	9.30	9.20	10.50
		HIGH	64QAM	9.22	9.36	9.12	10.50
	12	LOW	64QAM	8.91	9.06	8.78	10.50
		MID	64QAM	9.01	9.10	8.99	10.50
		HIGH	64QAM	8.92	9.09	8.85	10.50
	25	LOW	64QAM	8.92	9.02	8.83	10.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	8.80	8.92	8.82	10.50
		MID	QPSK	8.84	9.01	8.89	10.50
		HIGH	QPSK	9.03	**9.14**	8.88	10.50
	25	LOW	QPSK	8.87	9.10	8.92	10.50
		MID	QPSK	9.06	9.03	9.09	10.50
		HIGH	QPSK	9.06	**9.12**	9.02	10.50
	50	LOW	QPSK	**9.05**	8.99	8.96	10.50
10	1	LOW	Q16	9.25	9.23	9.16	10.50
		MID	Q16	9.30	9.34	9.14	10.50
		HIGH	Q16	9.31	9.26	9.06	10.50
	25	LOW	Q16	8.88	8.99	8.87	10.50
		MID	Q16	9.00	8.99	8.90	10.50
		HIGH	Q16	9.03	9.11	8.90	10.50
	50	LOW	Q16	9.04	9.03	8.95	10.50
10	1	LOW	64QAM	9.23	9.22	9.03	10.50
		MID	64QAM	9.17	9.32	9.08	10.50
		HIGH	64QAM	9.31	9.23	9.14	10.50
	25	LOW	64QAM	8.87	9.02	8.80	10.50
		MID	64QAM	8.95	9.05	8.97	10.50
		HIGH	64QAM	8.93	9.04	8.88	10.50
	50	LOW	64QAM	9.00	9.01	8.87	10.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	8.87	9.00	8.78	10.50
		MID	QPSK	8.81	8.99	8.79	10.50
		HIGH	QPSK	8.95	**9.03**	8.77	10.50
	36	LOW	QPSK	8.92	9.08	8.93	10.50
		MID	QPSK	8.98	8.99	9.08	10.50
		HIGH	QPSK	9.02	**9.09**	8.94	10.50
	75	LOW	QPSK	8.95	**8.99**	8.90	10.50
15	1	LOW	Q16	9.27	9.28	9.04	10.50
		MID	Q16	9.24	9.32	9.07	10.50
		HIGH	Q16	9.24	9.24	9.05	10.50
	36	LOW	Q16	8.88	8.96	8.93	10.50
		MID	Q16	8.94	9.06	8.93	10.50
		HIGH	Q16	9.05	9.14	8.87	10.50
	75	LOW	Q16	9.04	8.96	8.90	10.50
15	1	LOW	64QAM	9.15	9.23	9.01	10.50
		MID	64QAM	9.17	9.28	9.12	10.50
		HIGH	64QAM	9.32	9.25	9.01	10.50
	36	LOW	64QAM	8.87	8.96	8.88	10.50
		MID	64QAM	9.00	9.06	9.01	10.50
		HIGH	64QAM	8.95	9.07	8.93	10.50
	75	LOW	64QAM	8.91	9.05	8.81	10.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	8.89	8.98	8.86	10.50
		MID	QPSK	8.90	9.06	8.86	10.50
		HIGH	QPSK	9.01	**9.10**	8.84	10.50
	50	LOW	QPSK	8.91	9.05	8.96	10.50
		MID	QPSK	9.04	9.07	9.04	10.50
		HIGH	QPSK	9.03	**9.14**	8.98	10.50
	100	LOW	QPSK	9.03	**9.07**	9.00	10.50
20	1	LOW	Q16	9.22	9.24	9.12	10.50
		MID	Q16	9.26	9.29	9.11	10.50
		HIGH	Q16	9.29	9.32	9.10	10.50
	50	LOW	Q16	8.92	9.04	8.92	10.50
		MID	Q16	8.98	9.09	8.96	10.50
		HIGH	Q16	9.00	9.14	8.94	10.50
	100	LOW	Q16	9.02	9.04	8.98	10.50
20	1	LOW	64QAM	9.25	9.28	9.10	10.50
		MID	64QAM	9.20	9.29	9.15	10.50
		HIGH	64QAM	9.32	9.33	9.09	10.50
	50	LOW	64QAM	8.96	9.03	8.85	10.50
		MID	64QAM	8.97	9.11	8.98	10.50
		HIGH	64QAM	8.92	9.14	8.90	10.50
	100	LOW	64QAM	8.98	9.04	8.91	10.50

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	8.88	8.95	8.78	10.50
		MID	QPSK	8.94	**9.05**	8.87	10.50
		HIGH	QPSK	8.92	9.01	8.82	10.50
	3	LOW	QPSK	8.87	9.00	8.88	10.50
		MID	QPSK	9.06	8.97	8.99	10.50
		HIGH	QPSK	9.07	**9.15**	8.99	10.50
	6	LOW	QPSK	8.95	8.98	**9.04**	10.50
1.4	1	LOW	Q16	9.21	9.26	9.08	10.50
		MID	Q16	9.20	9.26	9.11	10.50
		HIGH	Q16	9.29	9.27	9.02	10.50
	3	LOW	Q16	8.96	8.96	8.91	10.50
		MID	Q16	9.00	9.10	8.92	10.50
		HIGH	Q16	8.99	9.19	8.91	10.50
	6	LOW	Q16	8.96	9.02	8.88	10.50
1.4	1	LOW	64QAM	9.29	9.28	9.09	10.50
		MID	64QAM	9.15	9.34	9.10	10.50
		HIGH	64QAM	9.33	9.30	9.01	10.50
	3	LOW	64QAM	8.92	9.08	8.78	10.50
		MID	64QAM	8.93	9.15	9.02	10.50
		HIGH	64QAM	8.96	9.09	8.84	10.50
	6	LOW	64QAM	9.00	9.06	8.87	10.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	8.84	8.99	8.79	10.50
		MID	QPSK	8.85	9.09	8.84	10.50
		HIGH	QPSK	8.93	**9.11**	8.80	10.50
	8	LOW	QPSK	8.95	9.08	8.88	10.50
		MID	QPSK	9.04	**9.11**	9.07	10.50
		HIGH	QPSK	8.99	9.06	9.02	10.50
	15	LOW	QPSK	**9.07**	9.05	8.91	10.50
3	1	LOW	Q16	9.27	9.25	9.05	10.50
		MID	Q16	9.29	9.31	9.11	10.50
		HIGH	Q16	9.27	9.36	9.01	10.50
	8	LOW	Q16	8.93	9.01	8.92	10.50
		MID	Q16	8.90	9.06	8.89	10.50
		HIGH	Q16	8.98	9.08	8.92	10.50
	15	LOW	Q16	8.95	9.02	8.93	10.50
3	1	LOW	64QAM	9.25	9.19	9.11	10.50
		MID	64QAM	9.14	9.25	9.20	10.50
		HIGH	64QAM	9.26	9.24	9.05	10.50
	8	LOW	64QAM	8.95	8.98	8.88	10.50
		MID	64QAM	8.95	9.09	9.00	10.50
		HIGH	64QAM	8.90	9.04	8.90	10.50
	15	LOW	64QAM	8.97	8.99	8.92	10.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	8.89	8.97	8.79	10.50
		MID	QPSK	8.85	8.96	8.89	10.50
		HIGH	QPSK	8.94	**9.04**	8.87	10.50
	12	LOW	QPSK	8.89	9.02	8.88	10.50
		MID	QPSK	9.07	**9.12**	9.01	10.50
		HIGH	QPSK	9.04	9.10	8.99	10.50
	25	LOW	QPSK	**9.06**	9.02	8.91	10.50
5	1	LOW	Q16	9.20	9.29	9.07	10.50
		MID	Q16	9.31	9.20	9.03	10.50
		HIGH	Q16	9.27	9.25	9.10	10.50
	12	LOW	Q16	8.92	8.95	8.91	10.50
		MID	Q16	8.95	9.14	8.87	10.50
		HIGH	Q16	8.99	9.07	8.88	10.50
	25	LOW	Q16	9.06	8.99	8.89	10.50
5	1	LOW	64QAM	9.28	9.31	9.08	10.50
		MID	64QAM	9.23	9.30	9.20	10.50
		HIGH	64QAM	9.22	9.36	9.12	10.50
	12	LOW	64QAM	8.91	9.06	8.78	10.50
		MID	64QAM	9.01	9.10	8.99	10.50
		HIGH	64QAM	8.92	9.09	8.85	10.50
	25	LOW	64QAM	8.92	9.02	8.83	10.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	8.80	8.92	8.82	10.50
		MID	QPSK	8.84	9.01	8.89	10.50
		HIGH	QPSK	9.03	**9.14**	8.88	10.50
	25	LOW	QPSK	8.87	9.10	8.92	10.50
		MID	QPSK	9.06	9.03	9.09	10.50
		HIGH	QPSK	9.06	**9.12**	9.02	10.50
	50	LOW	QPSK	**9.05**	8.99	8.96	10.50
10	1	LOW	Q16	9.25	9.23	9.16	10.50
		MID	Q16	9.30	9.34	9.14	10.50
		HIGH	Q16	9.31	9.26	9.06	10.50
	25	LOW	Q16	8.88	8.99	8.87	10.50
		MID	Q16	9.00	8.99	8.90	10.50
		HIGH	Q16	9.03	9.11	8.90	10.50
	50	LOW	Q16	9.04	9.03	8.95	10.50
10	1	LOW	64QAM	9.23	9.22	9.03	10.50
		MID	64QAM	9.17	9.32	9.08	10.50
		HIGH	64QAM	9.31	9.23	9.14	10.50
	25	LOW	64QAM	8.87	9.02	8.80	10.50
		MID	64QAM	8.95	9.05	8.97	10.50
		HIGH	64QAM	8.93	9.04	8.88	10.50
	50	LOW	64QAM	9.00	9.01	8.87	10.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	8.87	9.00	8.78	10.50
		MID	QPSK	8.81	8.99	8.79	10.50
		HIGH	QPSK	8.95	**9.03**	8.77	10.50
	36	LOW	QPSK	8.92	9.08	8.93	10.50
		MID	QPSK	8.98	8.99	9.08	10.50
		HIGH	QPSK	9.02	**9.09**	8.94	10.50
	75	LOW	QPSK	8.95	**8.99**	8.90	10.50
15	1	LOW	Q16	9.27	9.28	9.04	10.50
		MID	Q16	9.24	9.32	9.07	10.50
		HIGH	Q16	9.24	9.24	9.05	10.50
	36	LOW	Q16	8.88	8.96	8.93	10.50
		MID	Q16	8.94	9.06	8.93	10.50
		HIGH	Q16	9.05	9.14	8.87	10.50
	75	LOW	Q16	9.04	8.96	8.90	10.50
15	1	LOW	64QAM	9.15	9.23	9.01	10.50
		MID	64QAM	9.17	9.28	9.12	10.50
		HIGH	64QAM	9.32	9.25	9.01	10.50
	36	LOW	64QAM	8.87	8.96	8.88	10.50
		MID	64QAM	9.00	9.06	9.01	10.50
		HIGH	64QAM	8.95	9.07	8.93	10.50
	75	LOW	64QAM	8.91	9.05	8.81	10.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	8.89	8.98	8.86	10.50
		MID	QPSK	8.90	9.06	8.86	10.50
		HIGH	QPSK	9.01	**9.10**	8.84	10.50
	50	LOW	QPSK	8.91	9.05	8.96	10.50
		MID	QPSK	9.04	9.07	9.04	10.50
		HIGH	QPSK	9.03	**9.14**	8.98	10.50
	100	LOW	QPSK	9.03	**9.07**	9.00	10.50
20	1	LOW	Q16	9.22	9.24	9.12	10.50
		MID	Q16	9.26	9.29	9.11	10.50
		HIGH	Q16	9.29	9.32	9.10	10.50
	50	LOW	Q16	8.92	9.04	8.92	10.50
		MID	Q16	8.98	9.09	8.96	10.50
		HIGH	Q16	9.00	9.14	8.94	10.50
	100	LOW	Q16	9.02	9.04	8.98	10.50
20	1	LOW	64QAM	9.25	9.28	9.10	10.50
		MID	64QAM	9.20	9.29	9.15	10.50
		HIGH	64QAM	9.32	9.33	9.09	10.50
	50	LOW	64QAM	8.96	9.03	8.85	10.50
		MID	64QAM	8.97	9.11	8.98	10.50
		HIGH	64QAM	8.92	9.14	8.90	10.50
	100	LOW	64QAM	8.98	9.04	8.91	10.50

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.41	18.36	18.26	20.00
		MID	QPSK	18.33	**18.43**	18.12	20.00
		HIGH	QPSK	18.35	18.35	18.22	20.00
	3	LOW	QPSK	18.45	18.47	18.49	20.00
		MID	QPSK	**18.57**	18.35	18.47	20.00
		HIGH	QPSK	18.45	18.40	18.20	20.00
	6	LOW	QPSK	**18.53**	18.33	18.40	20.00
1.4	1	LOW	Q16	18.53	18.57	18.69	20.00
		MID	Q16	18.28	18.43	18.34	20.00
		HIGH	Q16	18.47	18.74	18.22	20.00
	3	LOW	Q16	18.44	18.25	18.47	20.00
		MID	Q16	18.32	18.52	18.39	20.00
		HIGH	Q16	18.30	18.54	18.29	20.00
	6	LOW	Q16	18.36	18.39	18.28	20.00
1.4	1	LOW	64QAM	18.66	18.44	18.43	20.00
		MID	64QAM	18.19	18.67	18.54	20.00
		HIGH	64QAM	18.25	18.74	18.10	20.00
	3	LOW	64QAM	18.19	18.33	18.41	20.00
		MID	64QAM	18.25	18.61	18.46	20.00
		HIGH	64QAM	18.48	18.44	18.23	20.00
	6	LOW	64QAM	18.36	18.48	18.59	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	18.35	18.29	18.30	20.00
		MID	QPSK	18.09	18.30	18.08	20.00
		HIGH	QPSK	18.10	**18.48**	18.20	20.00
	8	LOW	QPSK	18.58	18.36	18.49	20.00
		MID	QPSK	18.37	**18.63**	18.36	20.00
		HIGH	QPSK	18.30	18.58	18.24	20.00
	15	LOW	QPSK	**18.58**	18.30	18.34	20.00
3	1	LOW	Q16	18.38	18.49	18.47	20.00
		MID	Q16	18.17	18.51	18.37	20.00
		HIGH	Q16	18.34	18.66	18.26	20.00
	8	LOW	Q16	18.59	18.28	18.44	20.00
		MID	Q16	18.40	18.59	18.50	20.00
		HIGH	Q16	18.28	18.61	18.42	20.00
	15	LOW	Q16	18.47	18.32	18.26	20.00
3	1	LOW	64QAM	18.50	18.55	18.52	20.00
		MID	64QAM	18.26	18.73	18.30	20.00
		HIGH	64QAM	18.27	18.76	18.08	20.00
	8	LOW	64QAM	18.23	18.24	18.23	20.00
		MID	64QAM	18.40	18.65	18.50	20.00
		HIGH	64QAM	18.48	18.52	18.14	20.00
	15	LOW	64QAM	18.25	18.35	18.48	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.32	18.40	18.33	20.00
		MID	QPSK	18.11	18.34	18.30	20.00
		HIGH	QPSK	18.21	**18.49**	18.19	20.00
	12	LOW	QPSK	18.39	18.37	18.48	20.00
		MID	QPSK	18.56	18.45	18.34	20.00
		HIGH	QPSK	18.25	**18.58**	18.41	20.00
	25	LOW	QPSK	18.31	**18.48**	18.45	20.00
5	1	LOW	Q16	18.48	18.72	18.43	20.00
		MID	Q16	18.15	18.51	18.34	20.00
		HIGH	Q16	18.38	18.63	18.22	20.00
	12	LOW	Q16	18.36	18.25	18.44	20.00
		MID	Q16	18.51	18.59	18.46	20.00
		HIGH	Q16	18.30	18.58	18.28	20.00
	25	LOW	Q16	18.58	18.35	18.36	20.00
5	1	LOW	64QAM	18.50	18.55	18.62	20.00
		MID	64QAM	18.35	18.75	18.46	20.00
		HIGH	64QAM	18.28	18.78	18.11	20.00
	12	LOW	64QAM	18.34	18.15	18.38	20.00
		MID	64QAM	18.27	18.65	18.40	20.00
		HIGH	64QAM	18.34	18.59	18.56	20.00
	25	LOW	64QAM	18.40	18.26	18.46	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.35	18.20	18.21	20.00
		MID	QPSK	18.28	18.25	18.07	20.00
		HIGH	QPSK	18.21	**18.42**	18.22	20.00
	25	LOW	QPSK	18.47	18.41	18.48	20.00
		MID	QPSK	**18.56**	18.34	18.30	20.00
		HIGH	QPSK	18.26	18.49	18.17	20.00
	50	LOW	QPSK	**18.60**	18.35	18.49	20.00
10	1	LOW	Q16	18.62	18.64	18.49	20.00
		MID	Q16	18.42	18.62	18.35	20.00
		HIGH	Q16	18.34	18.79	18.09	20.00
	25	LOW	Q16	18.36	18.43	18.40	20.00
		MID	Q16	18.56	18.59	18.52	20.00
		HIGH	Q16	18.32	18.43	18.17	20.00
	50	LOW	Q16	18.32	18.58	18.23	20.00
10	1	LOW	64QAM	18.48	18.53	18.52	20.00
		MID	64QAM	18.10	18.62	18.28	20.00
		HIGH	64QAM	18.14	18.70	18.00	20.00
	25	LOW	64QAM	18.18	18.35	18.25	20.00
		MID	64QAM	18.27	18.53	18.35	20.00
		HIGH	64QAM	18.32	18.52	18.05	20.00
	50	LOW	64QAM	18.49	18.55	18.35	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.21	18.22	18.33	20.00
		MID	QPSK	18.22	**18.41**	18.19	20.00
		HIGH	QPSK	18.13	18.24	18.19	20.00
	36	LOW	QPSK	18.45	18.36	18.22	20.00
		MID	QPSK	18.44	**18.60**	18.36	20.00
		HIGH	QPSK	18.41	18.58	18.22	20.00
	75	LOW	QPSK	**18.53**	18.37	18.34	20.00
15	1	LOW	Q16	18.48	18.68	18.42	20.00
		MID	Q16	18.20	18.51	18.48	20.00
		HIGH	Q16	18.36	18.66	18.11	20.00
	36	LOW	Q16	18.51	18.45	18.23	20.00
		MID	Q16	18.32	18.58	18.26	20.00
		HIGH	Q16	18.35	18.48	18.39	20.00
	75	LOW	Q16	18.53	18.33	18.43	20.00
15	1	LOW	64QAM	18.68	18.48	18.67	20.00
		MID	64QAM	18.12	18.60	18.46	20.00
		HIGH	64QAM	18.41	18.65	18.00	20.00
	36	LOW	64QAM	18.21	18.26	18.36	20.00
		MID	64QAM	18.14	18.42	18.48	20.00
		HIGH	64QAM	18.21	18.57	18.27	20.00
	75	LOW	64QAM	18.31	18.33	18.54	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.41	**18.42**	18.39	20.00
		MID	QPSK	18.24	18.34	18.23	20.00
		HIGH	QPSK	18.26	18.36	18.15	20.00
	50	LOW	QPSK	18.50	18.43	18.42	20.00
		MID	QPSK	18.50	**18.54**	18.45	20.00
		HIGH	QPSK	18.43	18.49	18.35	20.00
	100	LOW	QPSK	**18.51**	18.50	18.47	20.00
20	1	LOW	Q16	18.55	18.68	18.62	20.00
		MID	Q16	18.35	18.64	18.41	20.00
		HIGH	Q16	18.40	18.70	18.24	20.00
	50	LOW	Q16	18.53	18.43	18.40	20.00
		MID	Q16	18.47	18.52	18.46	20.00
		HIGH	Q16	18.41	18.52	18.35	20.00
	100	LOW	Q16	18.51	18.52	18.43	20.00
20	1	LOW	64QAM	18.59	18.59	18.58	20.00
		MID	64QAM	18.28	18.71	18.48	20.00
		HIGH	64QAM	18.34	18.74	18.15	20.00
	50	LOW	64QAM	18.36	18.26	18.34	20.00
		MID	64QAM	18.34	18.59	18.44	20.00
		HIGH	64QAM	18.41	18.61	18.18	20.00
	100	LOW	64QAM	18.40	18.46	18.50	20.00

LTE B66-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.41	18.36	18.26	20.00
		MID	QPSK	18.33	**18.43**	18.12	20.00
		HIGH	QPSK	18.35	18.35	18.22	20.00
	3	LOW	QPSK	18.45	18.47	18.49	20.00
		MID	QPSK	**18.57**	18.35	18.47	20.00
		HIGH	QPSK	18.45	18.40	18.20	20.00
	6	LOW	QPSK	**18.53**	18.33	18.40	20.00
1.4	1	LOW	Q16	18.53	18.57	18.69	20.00
		MID	Q16	18.28	18.43	18.34	20.00
		HIGH	Q16	18.47	18.74	18.22	20.00
	3	LOW	Q16	18.44	18.25	18.47	20.00
		MID	Q16	18.32	18.52	18.39	20.00
		HIGH	Q16	18.30	18.54	18.29	20.00
	6	LOW	Q16	18.36	18.39	18.28	20.00
1.4	1	LOW	64QAM	18.66	18.44	18.43	20.00
		MID	64QAM	18.19	18.67	18.54	20.00
		HIGH	64QAM	18.25	18.74	18.10	20.00
	3	LOW	64QAM	18.19	18.33	18.41	20.00
		MID	64QAM	18.25	18.61	18.46	20.00
		HIGH	64QAM	18.48	18.44	18.23	20.00
	6	LOW	64QAM	18.36	18.48	18.59	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	18.35	18.29	18.30	20.00
		MID	QPSK	18.09	18.30	18.08	20.00
		HIGH	QPSK	18.10	**18.48**	18.20	20.00
	8	LOW	QPSK	18.58	18.36	18.49	20.00
		MID	QPSK	18.37	**18.63**	18.36	20.00
		HIGH	QPSK	18.30	18.58	18.24	20.00
	15	LOW	QPSK	**18.58**	18.30	18.34	20.00
3	1	LOW	Q16	18.38	18.49	18.47	20.00
		MID	Q16	18.17	18.51	18.37	20.00
		HIGH	Q16	18.34	18.66	18.26	20.00
	8	LOW	Q16	18.59	18.28	18.44	20.00
		MID	Q16	18.40	18.59	18.50	20.00
		HIGH	Q16	18.28	18.61	18.42	20.00
	15	LOW	Q16	18.47	18.32	18.26	20.00
3	1	LOW	64QAM	18.50	18.55	18.52	20.00
		MID	64QAM	18.26	18.73	18.30	20.00
		HIGH	64QAM	18.27	18.76	18.08	20.00
	8	LOW	64QAM	18.23	18.24	18.23	20.00
		MID	64QAM	18.40	18.65	18.50	20.00
		HIGH	64QAM	18.48	18.52	18.14	20.00
	15	LOW	64QAM	18.25	18.35	18.48	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.32	18.40	18.33	20.00
		MID	QPSK	18.11	18.34	18.30	20.00
		HIGH	QPSK	18.21	**18.49**	18.19	20.00
	12	LOW	QPSK	18.39	18.37	18.48	20.00
		MID	QPSK	18.56	18.45	18.34	20.00
		HIGH	QPSK	18.25	**18.58**	18.41	20.00
	25	LOW	QPSK	18.31	**18.48**	18.45	20.00
5	1	LOW	Q16	18.48	18.72	18.43	20.00
		MID	Q16	18.15	18.51	18.34	20.00
		HIGH	Q16	18.38	18.63	18.22	20.00
	12	LOW	Q16	18.36	18.25	18.44	20.00
		MID	Q16	18.51	18.59	18.46	20.00
		HIGH	Q16	18.30	18.58	18.28	20.00
	25	LOW	Q16	18.58	18.35	18.36	20.00
5	1	LOW	64QAM	18.50	18.55	18.62	20.00
		MID	64QAM	18.35	18.75	18.46	20.00
		HIGH	64QAM	18.28	18.78	18.11	20.00
	12	LOW	64QAM	18.34	18.15	18.38	20.00
		MID	64QAM	18.27	18.65	18.40	20.00
		HIGH	64QAM	18.34	18.59	18.56	20.00
	25	LOW	64QAM	18.40	18.26	18.46	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.35	18.20	18.21	20.00
		MID	QPSK	18.28	18.25	18.07	20.00
		HIGH	QPSK	18.21	**18.42**	18.22	20.00
	25	LOW	QPSK	18.47	18.41	18.48	20.00
		MID	QPSK	**18.56**	18.34	18.30	20.00
		HIGH	QPSK	18.26	18.49	18.17	20.00
	50	LOW	QPSK	**18.60**	18.35	18.49	20.00
10	1	LOW	Q16	18.62	18.64	18.49	20.00
		MID	Q16	18.42	18.62	18.35	20.00
		HIGH	Q16	18.34	18.79	18.09	20.00
	25	LOW	Q16	18.36	18.43	18.40	20.00
		MID	Q16	18.56	18.59	18.52	20.00
		HIGH	Q16	18.32	18.43	18.17	20.00
	50	LOW	Q16	18.32	18.58	18.23	20.00
10	1	LOW	64QAM	18.48	18.53	18.52	20.00
		MID	64QAM	18.10	18.62	18.28	20.00
		HIGH	64QAM	18.14	18.70	18.00	20.00
	25	LOW	64QAM	18.18	18.35	18.25	20.00
		MID	64QAM	18.27	18.53	18.35	20.00
		HIGH	64QAM	18.32	18.52	18.05	20.00
	50	LOW	64QAM	18.49	18.55	18.35	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.21	18.22	18.33	20.00
		MID	QPSK	18.22	**18.41**	18.19	20.00
		HIGH	QPSK	18.13	18.24	18.19	20.00
	36	LOW	QPSK	18.45	18.36	18.22	20.00
		MID	QPSK	18.44	**18.60**	18.36	20.00
		HIGH	QPSK	18.41	18.58	18.22	20.00
	75	LOW	QPSK	**18.53**	18.37	18.34	20.00
15	1	LOW	Q16	18.48	18.68	18.42	20.00
		MID	Q16	18.20	18.51	18.48	20.00
		HIGH	Q16	18.36	18.66	18.11	20.00
	36	LOW	Q16	18.51	18.45	18.23	20.00
		MID	Q16	18.32	18.58	18.26	20.00
		HIGH	Q16	18.35	18.48	18.39	20.00
	75	LOW	Q16	18.53	18.33	18.43	20.00
15	1	LOW	64QAM	18.68	18.48	18.67	20.00
		MID	64QAM	18.12	18.60	18.46	20.00
		HIGH	64QAM	18.41	18.65	18.00	20.00
	36	LOW	64QAM	18.21	18.26	18.36	20.00
		MID	64QAM	18.14	18.42	18.48	20.00
		HIGH	64QAM	18.21	18.57	18.27	20.00
	75	LOW	64QAM	18.31	18.33	18.54	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.41	**18.42**	18.39	20.00
		MID	QPSK	18.24	18.34	18.23	20.00
		HIGH	QPSK	18.26	18.36	18.15	20.00
	50	LOW	QPSK	18.50	18.43	18.42	20.00
		MID	QPSK	18.50	**18.54**	18.45	20.00
		HIGH	QPSK	18.43	18.49	18.35	20.00
	100	LOW	QPSK	**18.51**	18.50	18.47	20.00
20	1	LOW	Q16	18.55	18.68	18.62	20.00
		MID	Q16	18.35	18.64	18.41	20.00
		HIGH	Q16	18.40	18.70	18.24	20.00
	50	LOW	Q16	18.53	18.43	18.40	20.00
		MID	Q16	18.47	18.52	18.46	20.00
		HIGH	Q16	18.41	18.52	18.35	20.00
	100	LOW	Q16	18.51	18.52	18.43	20.00
20	1	LOW	64QAM	18.59	18.59	18.58	20.00
		MID	64QAM	18.28	18.71	18.48	20.00
		HIGH	64QAM	18.34	18.74	18.15	20.00
	50	LOW	64QAM	18.36	18.26	18.34	20.00
		MID	64QAM	18.34	18.59	18.44	20.00
		HIGH	64QAM	18.41	18.61	18.18	20.00
	100	LOW	64QAM	18.40	18.46	18.50	20.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.40	17.50	**17.51**	19.00
		MID	QPSK	17.14	17.23	17.36	19.00
		HIGH	QPSK	17.33	17.32	17.12	19.00
	3	LOW	QPSK	17.44	17.49	17.41	19.00
		MID	QPSK	17.48	**17.53**	17.27	19.00
		HIGH	QPSK	17.26	17.33	17.23	19.00
	6	LOW	QPSK	17.33	**17.39**	17.30	19.00
1.4	1	LOW	Q16	17.38	17.63	17.56	19.00
		MID	Q16	17.49	17.42	17.31	19.00
		HIGH	Q16	17.35	17.55	17.26	19.00
	3	LOW	Q16	17.52	17.37	17.45	19.00
		MID	Q16	17.36	17.57	17.39	19.00
		HIGH	Q16	17.41	17.47	17.40	19.00
	6	LOW	Q16	17.41	17.47	17.35	19.00
1.4	1	LOW	64QAM	17.28	17.36	17.35	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.45	17.34	17.19	19.00
	3	LOW	64QAM	17.36	17.41	17.50	19.00
		MID	64QAM	17.43	17.46	17.52	19.00
		HIGH	64QAM	17.34	17.38	17.54	19.00
	6	LOW	64QAM	17.54	17.65	17.59	19.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.26	17.22	17.47	19.00
		MID	QPSK	17.12	17.18	17.29	19.00
		HIGH	QPSK	17.12	**17.55**	17.19	19.00
	8	LOW	QPSK	17.46	17.40	17.47	19.00
		MID	QPSK	17.38	**17.55**	17.49	19.00
		HIGH	QPSK	17.31	17.41	17.33	19.00
	15	LOW	QPSK	**17.56**	17.35	17.35	19.00
3	1	LOW	Q16	17.54	17.54	17.42	19.00
		MID	Q16	17.52	17.45	17.28	19.00
		HIGH	Q16	17.54	17.76	17.30	19.00
	8	LOW	Q16	17.61	17.47	17.38	19.00
		MID	Q16	17.54	17.38	17.44	19.00
		HIGH	Q16	17.53	17.56	17.49	19.00
	15	LOW	Q16	17.38	17.42	17.33	19.00
3	1	LOW	64QAM	17.26	17.40	17.25	19.00
		MID	64QAM	17.28	17.61	17.35	19.00
		HIGH	64QAM	17.31	17.43	17.16	19.00
	8	LOW	64QAM	17.38	17.23	17.38	19.00
		MID	64QAM	17.31	17.30	17.41	19.00
		HIGH	64QAM	17.24	17.27	17.42	19.00
	15	LOW	64QAM	17.58	17.56	17.50	19.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	**17.50**	17.29	17.25	19.00
		MID	QPSK	17.10	17.35	17.18	19.00
		HIGH	QPSK	17.24	17.49	17.15	19.00
	12	LOW	QPSK	17.51	17.40	17.37	19.00
		MID	QPSK	17.48	**17.59**	17.37	19.00
		HIGH	QPSK	17.40	17.45	17.28	19.00
	25	LOW	QPSK	**17.61**	17.40	17.37	19.00
5	1	LOW	Q16	17.63	17.70	17.53	19.00
		MID	Q16	17.42	17.45	17.26	19.00
		HIGH	Q16	17.31	17.56	17.19	19.00
	12	LOW	Q16	17.56	17.35	17.33	19.00
		MID	Q16	17.59	17.64	17.46	19.00
		HIGH	Q16	17.27	17.49	17.37	19.00
	25	LOW	Q16	17.57	17.56	17.49	19.00
5	1	LOW	64QAM	17.33	17.43	17.39	19.00
		MID	64QAM	17.19	17.56	17.45	19.00
		HIGH	64QAM	17.31	17.53	17.42	19.00
	12	LOW	64QAM	17.47	17.29	17.59	19.00
		MID	64QAM	17.53	17.39	17.40	19.00
		HIGH	64QAM	17.29	17.41	17.36	19.00
	25	LOW	64QAM	17.45	17.40	17.52	19.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**17.48**	17.43	17.41	19.00
		MID	QPSK	17.07	17.21	17.13	19.00
		HIGH	QPSK	17.22	17.32	17.08	19.00
	25	LOW	QPSK	**17.48**	17.33	17.32	19.00
		MID	QPSK	**17.48**	17.37	17.46	19.00
		HIGH	QPSK	17.26	17.31	17.35	19.00
	50	LOW	QPSK	17.33	**17.53**	17.41	19.00
10	1	LOW	Q16	17.38	17.79	17.46	19.00
		MID	Q16	17.47	17.43	17.45	19.00
		HIGH	Q16	17.31	17.65	17.21	19.00
	25	LOW	Q16	17.35	17.33	17.40	19.00
		MID	Q16	17.34	17.45	17.44	19.00
		HIGH	Q16	17.41	17.40	17.40	19.00
	50	LOW	Q16	17.52	17.37	17.35	19.00
10	1	LOW	64QAM	17.30	17.48	17.32	19.00
		MID	64QAM	17.28	17.45	17.49	19.00
		HIGH	64QAM	17.50	17.50	17.33	19.00
	25	LOW	64QAM	17.29	17.30	17.38	19.00
		MID	64QAM	17.31	17.34	17.57	19.00
		HIGH	64QAM	17.48	17.36	17.36	19.00
	50	LOW	64QAM	17.61	17.54	17.59	19.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	**17.46**	**17.46**	17.25	19.00
		MID	QPSK	17.33	17.23	17.24	19.00
		HIGH	QPSK	17.38	**17.46**	17.03	19.00
	36	LOW	QPSK	17.55	17.46	17.28	19.00
		MID	QPSK	**17.59**	17.46	17.39	19.00
		HIGH	QPSK	17.48	17.54	17.21	19.00
	75	LOW	QPSK	17.38	17.35	**17.41**	19.00
15	1	LOW	Q16	17.61	17.75	17.65	19.00
		MID	Q16	17.44	17.54	17.36	19.00
		HIGH	Q16	17.48	17.76	17.42	19.00
	36	LOW	Q16	17.59	17.33	17.44	19.00
		MID	Q16	17.50	17.52	17.56	19.00
		HIGH	Q16	17.53	17.35	17.40	19.00
	75	LOW	Q16	17.43	17.49	17.30	19.00
15	1	LOW	64QAM	17.42	17.47	17.46	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.50	17.48	17.42	19.00
	36	LOW	64QAM	17.45	17.32	17.34	19.00
		MID	64QAM	17.29	17.27	17.41	19.00
		HIGH	64QAM	17.34	17.45	17.43	19.00
	75	LOW	64QAM	17.42	17.40	17.47	19.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.43	**17.46**	17.44	19.00
		MID	QPSK	17.26	17.30	17.27	19.00
		HIGH	QPSK	17.31	17.34	17.22	19.00
	50	LOW	QPSK	17.50	17.49	17.44	19.00
		MID	QPSK	17.53	**17.55**	17.44	19.00
		HIGH	QPSK	17.43	17.50	17.40	19.00
	100	LOW	QPSK	**17.52**	17.51	17.44	19.00
20	1	LOW	Q16	17.56	17.70	17.58	19.00
		MID	Q16	17.47	17.61	17.45	19.00
		HIGH	Q16	17.45	17.67	17.35	19.00
	50	LOW	Q16	17.54	17.49	17.47	19.00
		MID	Q16	17.52	17.57	17.49	19.00
		HIGH	Q16	17.44	17.54	17.40	19.00
	100	LOW	Q16	17.52	17.56	17.47	19.00
20	1	LOW	64QAM	17.42	17.52	17.44	19.00
		MID	64QAM	17.35	17.52	17.54	19.00
		HIGH	64QAM	17.50	17.48	17.35	19.00
	50	LOW	64QAM	17.38	17.39	17.52	19.00
		MID	64QAM	17.48	17.46	17.52	19.00
		HIGH	64QAM	17.41	17.43	17.45	19.00
	100	LOW	64QAM	17.54	17.56	17.54	19.00

LTE B66-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.40	17.50	**17.51**	19.00
		MID	QPSK	17.14	17.23	17.36	19.00
		HIGH	QPSK	17.33	17.32	17.12	19.00
	3	LOW	QPSK	17.44	17.49	17.41	19.00
		MID	QPSK	17.48	**17.53**	17.27	19.00
		HIGH	QPSK	17.26	17.33	17.23	19.00
	6	LOW	QPSK	17.33	**17.39**	17.30	19.00
1.4	1	LOW	Q16	17.38	17.63	17.56	19.00
		MID	Q16	17.49	17.42	17.31	19.00
		HIGH	Q16	17.35	17.55	17.26	19.00
	3	LOW	Q16	17.52	17.37	17.45	19.00
		MID	Q16	17.36	17.57	17.39	19.00
		HIGH	Q16	17.41	17.47	17.40	19.00
	6	LOW	Q16	17.41	17.47	17.35	19.00
1.4	1	LOW	64QAM	17.28	17.36	17.35	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.45	17.34	17.19	19.00
	3	LOW	64QAM	17.36	17.41	17.50	19.00
		MID	64QAM	17.43	17.46	17.52	19.00
		HIGH	64QAM	17.34	17.38	17.54	19.00
	6	LOW	64QAM	17.54	17.65	17.59	19.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	17.26	17.22	17.47	19.00
		MID	QPSK	17.12	17.18	17.29	19.00
		HIGH	QPSK	17.12	**17.55**	17.19	19.00
	8	LOW	QPSK	17.46	17.40	17.47	19.00
		MID	QPSK	17.38	**17.55**	17.49	19.00
		HIGH	QPSK	17.31	17.41	17.33	19.00
	15	LOW	QPSK	**17.56**	17.35	17.35	19.00
3	1	LOW	Q16	17.54	17.54	17.42	19.00
		MID	Q16	17.52	17.45	17.28	19.00
		HIGH	Q16	17.54	17.76	17.30	19.00
	8	LOW	Q16	17.61	17.47	17.38	19.00
		MID	Q16	17.54	17.38	17.44	19.00
		HIGH	Q16	17.53	17.56	17.49	19.00
	15	LOW	Q16	17.38	17.42	17.33	19.00
3	1	LOW	64QAM	17.26	17.40	17.25	19.00
		MID	64QAM	17.28	17.61	17.35	19.00
		HIGH	64QAM	17.31	17.43	17.16	19.00
	8	LOW	64QAM	17.38	17.23	17.38	19.00
		MID	64QAM	17.31	17.30	17.41	19.00
		HIGH	64QAM	17.24	17.27	17.42	19.00
	15	LOW	64QAM	17.58	17.56	17.50	19.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	**17.50**	17.29	17.25	19.00
		MID	QPSK	17.10	17.35	17.18	19.00
		HIGH	QPSK	17.24	17.49	17.15	19.00
	12	LOW	QPSK	17.51	17.40	17.37	19.00
		MID	QPSK	17.48	**17.59**	17.37	19.00
		HIGH	QPSK	17.40	17.45	17.28	19.00
	25	LOW	QPSK	**17.61**	17.40	17.37	19.00
5	1	LOW	Q16	17.63	17.70	17.53	19.00
		MID	Q16	17.42	17.45	17.26	19.00
		HIGH	Q16	17.31	17.56	17.19	19.00
	12	LOW	Q16	17.56	17.35	17.33	19.00
		MID	Q16	17.59	17.64	17.46	19.00
		HIGH	Q16	17.27	17.49	17.37	19.00
	25	LOW	Q16	17.57	17.56	17.49	19.00
5	1	LOW	64QAM	17.33	17.43	17.39	19.00
		MID	64QAM	17.19	17.56	17.45	19.00
		HIGH	64QAM	17.31	17.53	17.42	19.00
	12	LOW	64QAM	17.47	17.29	17.59	19.00
		MID	64QAM	17.53	17.39	17.40	19.00
		HIGH	64QAM	17.29	17.41	17.36	19.00
	25	LOW	64QAM	17.45	17.40	17.52	19.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**17.48**	17.43	17.41	19.00
		MID	QPSK	17.07	17.21	17.13	19.00
		HIGH	QPSK	17.22	17.32	17.08	19.00
	25	LOW	QPSK	**17.48**	17.33	17.32	19.00
		MID	QPSK	**17.48**	17.37	17.46	19.00
		HIGH	QPSK	17.26	17.31	17.35	19.00
	50	LOW	QPSK	17.33	**17.53**	17.41	19.00
10	1	LOW	Q16	17.38	17.79	17.46	19.00
		MID	Q16	17.47	17.43	17.45	19.00
		HIGH	Q16	17.31	17.65	17.21	19.00
	25	LOW	Q16	17.35	17.33	17.40	19.00
		MID	Q16	17.34	17.45	17.44	19.00
		HIGH	Q16	17.41	17.40	17.40	19.00
	50	LOW	Q16	17.52	17.37	17.35	19.00
10	1	LOW	64QAM	17.30	17.48	17.32	19.00
		MID	64QAM	17.28	17.45	17.49	19.00
		HIGH	64QAM	17.50	17.50	17.33	19.00
	25	LOW	64QAM	17.29	17.30	17.38	19.00
		MID	64QAM	17.31	17.34	17.57	19.00
		HIGH	64QAM	17.48	17.36	17.36	19.00
	50	LOW	64QAM	17.61	17.54	17.59	19.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	**17.46**	**17.46**	17.25	19.00
		MID	QPSK	17.33	17.23	17.24	19.00
		HIGH	QPSK	17.38	**17.46**	17.03	19.00
	36	LOW	QPSK	17.55	17.46	17.28	19.00
		MID	QPSK	**17.59**	17.46	17.39	19.00
		HIGH	QPSK	17.48	17.54	17.21	19.00
	75	LOW	QPSK	17.38	17.35	**17.41**	19.00
15	1	LOW	Q16	17.61	17.75	17.65	19.00
		MID	Q16	17.44	17.54	17.36	19.00
		HIGH	Q16	17.48	17.76	17.42	19.00
	36	LOW	Q16	17.59	17.33	17.44	19.00
		MID	Q16	17.50	17.52	17.56	19.00
		HIGH	Q16	17.53	17.35	17.40	19.00
	75	LOW	Q16	17.43	17.49	17.30	19.00
15	1	LOW	64QAM	17.42	17.47	17.46	19.00
		MID	64QAM	17.19	17.36	17.56	19.00
		HIGH	64QAM	17.50	17.48	17.42	19.00
	36	LOW	64QAM	17.45	17.32	17.34	19.00
		MID	64QAM	17.29	17.27	17.41	19.00
		HIGH	64QAM	17.34	17.45	17.43	19.00
	75	LOW	64QAM	17.42	17.40	17.47	19.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.43	**17.46**	17.44	19.00
		MID	QPSK	17.26	17.30	17.27	19.00
		HIGH	QPSK	17.31	17.34	17.22	19.00
	50	LOW	QPSK	17.50	17.49	17.44	19.00
		MID	QPSK	17.53	**17.55**	17.44	19.00
		HIGH	QPSK	17.43	17.50	17.40	19.00
	100	LOW	QPSK	**17.52**	17.51	17.44	19.00
20	1	LOW	Q16	17.56	17.70	17.58	19.00
		MID	Q16	17.47	17.61	17.45	19.00
		HIGH	Q16	17.45	17.67	17.35	19.00
	50	LOW	Q16	17.54	17.49	17.47	19.00
		MID	Q16	17.52	17.57	17.49	19.00
		HIGH	Q16	17.44	17.54	17.40	19.00
	100	LOW	Q16	17.52	17.56	17.47	19.00
20	1	LOW	64QAM	17.42	17.52	17.44	19.00
		MID	64QAM	17.35	17.52	17.54	19.00
		HIGH	64QAM	17.50	17.48	17.35	19.00
	50	LOW	64QAM	17.38	17.39	17.52	19.00
		MID	64QAM	17.48	17.46	17.52	19.00
		HIGH	64QAM	17.41	17.43	17.45	19.00
	100	LOW	64QAM	17.54	17.56	17.54	19.00

LTE B66-State 12 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.96	15.00	15.17	16.50
		MID	QPSK	14.91	15.08	15.04	16.50
		HIGH	QPSK	14.92	15.16	14.94	16.50
	3	LOW	QPSK	15.11	15.16	15.08	16.50
		MID	QPSK	15.03	14.85	15.09	16.50
		HIGH	QPSK	15.05	14.75	14.97	16.50
	6	LOW	QPSK	15.13	15.33	15.31	16.50
1.4	1	LOW	Q16	15.30	14.92	15.07	16.50
		MID	Q16	14.85	14.70	14.73	16.50
		HIGH	Q16	14.70	15.16	15.10	16.50
	3	LOW	Q16	15.01	14.96	14.89	16.50
		MID	Q16	15.19	15.05	14.81	16.50
		HIGH	Q16	14.83	14.69	14.82	16.50
	6	LOW	Q16	15.12	14.98	14.96	16.50
1.4	1	LOW	64QAM	15.10	14.83	14.88	16.50
		MID	64QAM	14.89	15.02	14.93	16.50
		HIGH	64QAM	14.88	14.86	14.94	16.50
	3	LOW	64QAM	14.75	14.68	14.75	16.50
		MID	64QAM	15.11	14.77	14.97	16.50
		HIGH	64QAM	15.02	14.93	14.78	16.50
	6	LOW	64QAM	15.24	14.71	14.98	16.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	15.02	14.99	15.04	16.50
		MID	QPSK	14.92	15.11	14.91	16.50
		HIGH	QPSK	14.99	15.16	14.87	16.50
	8	LOW	QPSK	15.00	14.99	15.02	16.50
		MID	QPSK	15.12	15.03	15.03	16.50
		HIGH	QPSK	15.05	14.80	14.97	16.50
	15	LOW	QPSK	15.16	15.16	15.25	16.50
3	1	LOW	Q16	15.20	14.98	15.05	16.50
		MID	Q16	14.86	14.70	14.70	16.50
		HIGH	Q16	14.80	15.02	14.96	16.50
	8	LOW	Q16	14.98	14.77	14.88	16.50
		MID	Q16	14.99	14.90	14.99	16.50
		HIGH	Q16	14.80	14.63	14.85	16.50
	15	LOW	Q16	15.03	15.06	15.09	16.50
3	1	LOW	64QAM	15.33	14.88	14.80	16.50
		MID	64QAM	15.09	15.05	14.93	16.50
		HIGH	64QAM	14.97	14.93	14.86	16.50
	8	LOW	64QAM	14.66	14.80	14.78	16.50
		MID	64QAM	15.11	14.74	15.05	16.50
		HIGH	64QAM	14.98	14.74	14.71	16.50
	15	LOW	64QAM	15.32	14.68	14.98	16.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	15.18	15.06	14.98	16.50
		MID	QPSK	14.98	15.19	15.00	16.50
		HIGH	QPSK	14.96	14.97	14.99	16.50
	12	LOW	QPSK	14.96	14.96	15.10	16.50
		MID	QPSK	15.15	14.87	15.08	16.50
		HIGH	QPSK	14.93	14.97	14.94	16.50
	25	LOW	QPSK	15.30	15.08	15.28	16.50
5	1	LOW	Q16	15.36	14.95	15.12	16.50
		MID	Q16	14.82	14.74	14.71	16.50
		HIGH	Q16	14.70	15.04	15.13	16.50
	12	LOW	Q16	15.04	14.80	14.96	16.50
		MID	Q16	15.00	14.91	14.78	16.50
		HIGH	Q16	14.96	14.85	14.82	16.50
	25	LOW	Q16	15.00	15.12	15.10	16.50
5	1	LOW	64QAM	15.22	14.88	15.01	16.50
		MID	64QAM	14.96	15.08	14.92	16.50
		HIGH	64QAM	14.96	14.89	15.11	16.50
	12	LOW	64QAM	14.79	14.72	14.74	16.50
		MID	64QAM	15.17	14.86	14.94	16.50
		HIGH	64QAM	14.98	14.82	14.80	16.50
	25	LOW	64QAM	15.35	14.69	14.98	16.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	15.13	15.11	15.17	16.50
		MID	QPSK	14.97	15.09	15.11	16.50
		HIGH	QPSK	14.99	15.08	14.97	16.50
	25	LOW	QPSK	15.02	14.93	15.04	16.50
		MID	QPSK	15.17	14.87	15.09	16.50
		HIGH	QPSK	14.99	14.93	15.06	16.50
	50	LOW	QPSK	15.11	15.27	15.31	16.50
10	1	LOW	Q16	15.28	15.12	15.12	16.50
		MID	Q16	14.90	14.65	14.78	16.50
		HIGH	Q16	14.77	15.18	15.02	16.50
	25	LOW	Q16	14.90	14.90	14.94	16.50
		MID	Q16	15.20	15.04	14.99	16.50
		HIGH	Q16	14.96	14.69	14.85	16.50
	50	LOW	Q16	15.20	15.13	14.99	16.50
10	1	LOW	64QAM	15.27	14.71	15.01	16.50
		MID	64QAM	14.99	14.85	14.86	16.50
		HIGH	64QAM	15.06	14.96	14.86	16.50
	25	LOW	64QAM	14.86	14.77	14.71	16.50
		MID	64QAM	15.22	14.90	14.97	16.50
		HIGH	64QAM	15.05	14.90	14.86	16.50
	50	LOW	64QAM	15.22	14.80	14.94	16.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	15.19	15.02	15.06	16.50
		MID	QPSK	14.97	14.94	14.97	16.50
		HIGH	QPSK	15.01	15.11	15.05	16.50
	36	LOW	QPSK	14.94	15.11	15.13	16.50
		MID	QPSK	15.18	14.87	15.17	16.50
		HIGH	QPSK	14.94	14.77	15.10	16.50
	75	LOW	QPSK	15.14	15.33	15.22	16.50
15	1	LOW	Q16	15.17	14.91	14.93	16.50
		MID	Q16	14.89	14.64	14.67	16.50
		HIGH	Q16	14.71	14.99	15.21	16.50
	36	LOW	Q16	14.98	14.88	14.79	16.50
		MID	Q16	15.19	15.02	14.86	16.50
		HIGH	Q16	14.96	14.84	14.81	16.50
	75	LOW	Q16	14.98	15.12	14.93	16.50
15	1	LOW	64QAM	15.19	14.74	15.01	16.50
		MID	64QAM	14.93	15.02	14.86	16.50
		HIGH	64QAM	15.00	15.04	15.11	16.50
	36	LOW	64QAM	14.66	14.74	14.81	16.50
		MID	64QAM	15.22	14.92	14.92	16.50
		HIGH	64QAM	14.92	14.80	14.94	16.50
	75	LOW	64QAM	15.33	14.88	14.95	16.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	15.06	15.08	15.12	16.50
		MID	QPSK	**15.13**	15.11	15.06	16.50
		HIGH	QPSK	15.01	15.11	15.02	16.50
	50	LOW	QPSK	15.05	15.08	15.13	16.50
		MID	QPSK	**15.18**	15.00	15.14	16.50
		HIGH	QPSK	15.05	14.90	15.08	16.50
	100	LOW	QPSK	**15.28**	15.25	**15.28**	16.50
20	1	LOW	Q16	15.28	15.06	15.10	16.50
		MID	Q16	14.89	14.71	14.74	16.50
		HIGH	Q16	14.86	15.16	15.13	16.50
	50	LOW	Q16	15.04	14.89	14.95	16.50
		MID	Q16	15.14	15.02	14.93	16.50
		HIGH	Q16	14.92	14.78	14.94	16.50
	100	LOW	Q16	15.12	15.15	15.04	16.50
20	1	LOW	64QAM	15.27	14.84	14.95	16.50
		MID	64QAM	15.01	15.00	14.99	16.50
		HIGH	64QAM	15.00	15.01	15.03	16.50
	50	LOW	64QAM	14.82	14.84	14.87	16.50
		MID	64QAM	15.28	14.86	15.03	16.50
		HIGH	64QAM	14.99	14.89	14.87	16.50
	100	LOW	64QAM	15.27	14.84	14.95	16.50

LTE B66-State 16 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.19	13.15	13.26	14.50
		MID	QPSK	13.03	13.24	13.07	14.50
		HIGH	QPSK	13.01	13.25	13.05	14.50
	3	LOW	QPSK	13.20	13.23	13.27	14.50
		MID	QPSK	13.25	13.06	13.31	14.50
		HIGH	QPSK	13.01	12.87	13.07	14.50
	6	LOW	QPSK	13.35	13.28	13.45	14.50
1.4	1	LOW	Q16	13.45	13.07	13.09	14.50
		MID	Q16	13.00	12.81	12.88	14.50
		HIGH	Q16	12.92	13.33	13.30	14.50
	3	LOW	Q16	13.21	12.87	13.06	14.50
		MID	Q16	13.31	13.03	12.89	14.50
		HIGH	Q16	12.95	12.91	12.90	14.50
	6	LOW	Q16	13.23	13.28	13.06	14.50
1.4	1	LOW	64QAM	13.34	12.99	13.02	14.50
		MID	64QAM	13.10	12.96	13.14	14.50
		HIGH	64QAM	13.06	13.01	13.06	14.50
	3	LOW	64QAM	12.91	12.88	12.84	14.50
		MID	64QAM	13.38	12.84	13.08	14.50
		HIGH	64QAM	13.02	12.99	13.02	14.50
	6	LOW	64QAM	13.41	12.89	13.12	14.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	13.28	13.23	13.18	14.50
		MID	QPSK	13.16	13.14	13.17	14.50
		HIGH	QPSK	12.98	13.28	13.05	14.50
	8	LOW	QPSK	13.20	13.22	13.28	14.50
		MID	QPSK	13.18	13.06	13.21	14.50
		HIGH	QPSK	13.10	13.01	13.06	14.50
	15	LOW	QPSK	13.39	13.20	13.30	14.50
3	1	LOW	Q16	13.25	13.09	13.20	14.50
		MID	Q16	13.02	12.76	12.74	14.50
		HIGH	Q16	13.00	13.21	13.11	14.50
	8	LOW	Q16	13.18	12.93	12.98	14.50
		MID	Q16	13.20	13.00	13.00	14.50
		HIGH	Q16	12.88	12.78	13.00	14.50
	15	LOW	Q16	13.17	13.17	13.18	14.50
3	1	LOW	64QAM	13.36	12.88	13.09	14.50
		MID	64QAM	13.02	13.11	13.06	14.50
		HIGH	64QAM	13.15	13.10	13.08	14.50
	8	LOW	64QAM	12.79	12.98	12.87	14.50
		MID	64QAM	13.27	12.86	12.99	14.50
		HIGH	64QAM	13.09	12.98	13.02	14.50
	15	LOW	64QAM	13.44	12.89	12.96	14.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	13.12	13.09	13.09	14.50
		MID	QPSK	13.09	13.17	13.15	14.50
		HIGH	QPSK	13.07	13.16	13.15	14.50
	12	LOW	QPSK	13.08	13.23	13.22	14.50
		MID	QPSK	13.23	12.97	13.27	14.50
		HIGH	QPSK	13.20	12.90	13.04	14.50
	25	LOW	QPSK	13.30	13.40	13.37	14.50
5	1	LOW	Q16	13.45	13.21	13.21	14.50
		MID	Q16	13.02	12.86	12.74	14.50
		HIGH	Q16	13.02	13.19	13.18	14.50
	12	LOW	Q16	13.00	12.99	13.00	14.50
		MID	Q16	13.31	13.00	12.98	14.50
		HIGH	Q16	12.95	12.92	13.01	14.50
	25	LOW	Q16	13.10	13.28	13.00	14.50
5	1	LOW	64QAM	13.25	12.90	13.02	14.50
		MID	64QAM	13.10	13.17	13.05	14.50
		HIGH	64QAM	12.96	13.08	13.09	14.50
	12	LOW	64QAM	12.86	12.97	12.98	14.50
		MID	64QAM	13.35	12.84	13.14	14.50
		HIGH	64QAM	13.04	13.04	12.83	14.50
	25	LOW	64QAM	13.29	12.99	12.98	14.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	13.10	13.19	13.14	14.50
		MID	QPSK	13.20	13.16	13.08	14.50
		HIGH	QPSK	12.97	13.22	13.07	14.50
	25	LOW	QPSK	13.04	13.09	13.15	14.50
		MID	QPSK	13.19	13.07	13.17	14.50
		HIGH	QPSK	13.18	12.97	13.14	14.50
	50	LOW	QPSK	13.41	13.42	13.30	14.50
10	1	LOW	Q16	13.26	13.21	13.12	14.50
		MID	Q16	13.02	12.73	12.76	14.50
		HIGH	Q16	12.93	13.31	13.11	14.50
	25	LOW	Q16	13.07	13.05	12.97	14.50
		MID	Q16	13.17	12.99	12.90	14.50
		HIGH	Q16	12.89	12.91	13.07	14.50
	50	LOW	Q16	13.10	13.20	13.00	14.50
10	1	LOW	64QAM	13.24	12.88	13.12	14.50
		MID	64QAM	13.18	13.10	13.10	14.50
		HIGH	64QAM	12.98	13.03	13.13	14.50
	25	LOW	64QAM	12.82	12.97	12.96	14.50
		MID	64QAM	13.26	12.91	13.01	14.50
		HIGH	64QAM	12.97	12.87	13.00	14.50
	50	LOW	64QAM	13.25	12.94	12.92	14.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	13.23	13.15	13.13	14.50
		MID	QPSK	13.15	13.13	13.05	14.50
		HIGH	QPSK	13.15	13.17	12.98	14.50
	36	LOW	QPSK	13.07	13.06	13.24	14.50
		MID	QPSK	13.17	13.13	13.28	14.50
		HIGH	QPSK	13.02	12.96	13.22	14.50
	75	LOW	QPSK	13.35	13.40	13.29	14.50
15	1	LOW	Q16	13.23	13.23	13.09	14.50
		MID	Q16	13.05	12.84	12.78	14.50
		HIGH	Q16	12.90	13.23	13.15	14.50
	36	LOW	Q16	13.01	12.94	13.00	14.50
		MID	Q16	13.11	13.16	13.10	14.50
		HIGH	Q16	13.09	12.76	12.94	14.50
	75	LOW	Q16	13.22	13.24	13.05	14.50
15	1	LOW	64QAM	13.33	12.99	13.12	14.50
		MID	64QAM	13.06	13.15	13.14	14.50
		HIGH	64QAM	13.14	13.03	13.18	14.50
	36	LOW	64QAM	12.80	12.90	12.91	14.50
		MID	64QAM	13.37	12.97	13.17	14.50
		HIGH	64QAM	13.00	12.96	13.02	14.50
	75	LOW	64QAM	13.24	12.85	13.10	14.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	13.19	13.10	13.25	14.50
		MID	QPSK	**13.26**	13.09	13.11	14.50
		HIGH	QPSK	13.14	13.16	13.04	14.50
	50	LOW	QPSK	13.18	13.05	13.14	14.50
		MID	QPSK	**13.22**	13.10	13.18	14.50
		HIGH	QPSK	13.03	13.01	13.17	14.50
	100	LOW	QPSK	**13.33**	13.24	**13.33**	14.50
20	1	LOW	Q16	13.25	13.11	13.27	14.50
		MID	Q16	12.86	12.86	12.70	14.50
		HIGH	Q16	12.90	13.23	13.26	14.50
	50	LOW	Q16	13.07	12.95	13.10	14.50
		MID	Q16	13.25	13.11	13.03	14.50
		HIGH	Q16	12.88	12.78	12.91	14.50
	100	LOW	Q16	13.13	13.32	13.03	14.50
20	1	LOW	64QAM	13.30	12.80	12.96	14.50
		MID	64QAM	13.03	13.01	13.12	14.50
		HIGH	64QAM	12.97	13.11	13.09	14.50
	50	LOW	64QAM	12.86	12.97	12.87	14.50
		MID	64QAM	13.42	12.84	13.17	14.50
		HIGH	64QAM	13.05	12.87	13.00	14.50
	100	LOW	64QAM	13.42	12.82	12.95	14.50

LTE B66-State 18 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	3	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	6	LOW	QPSK	**11.14**	11.10	11.08	12.00
1.4	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	3	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	6	LOW	Q16	10.95	10.95	10.85	12.00
1.4	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	3	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	6	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	8	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	15	LOW	QPSK	**11.14**	11.10	11.08	12.00
3	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	8	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	15	LOW	Q16	10.95	10.95	10.85	12.00
3	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	8	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	15	LOW	64QAM	11.09	10.53	10.77	12.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	12	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	25	LOW	QPSK	**11.14**	11.10	11.08	12.00
5	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	12	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	25	LOW	Q16	10.95	10.95	10.85	12.00
5	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	12	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	25	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	25	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	50	LOW	QPSK	**11.14**	11.10	11.08	12.00
10	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	25	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	50	LOW	Q16	10.95	10.95	10.85	12.00
10	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	25	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	50	LOW	64QAM	11.09	10.53	10.77	12.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	36	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	75	LOW	QPSK	**11.14**	11.10	11.08	12.00
15	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	36	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	75	LOW	Q16	10.95	10.95	10.85	12.00
15	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	36	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	75	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	50	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	100	LOW	QPSK	**11.14**	11.10	11.08	12.00
20	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	50	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	100	LOW	Q16	10.95	10.95	10.85	12.00
20	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	50	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	100	LOW	64QAM	11.09	10.53	10.77	12.00

LTE B66-State 20 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.19	13.15	**13.26**	14.50
		MID	QPSK	13.03	13.24	13.07	14.50
		HIGH	QPSK	13.01	13.25	13.05	14.50
	3	LOW	QPSK	13.20	13.23	13.27	14.50
		MID	QPSK	13.25	13.06	**13.31**	14.50
		HIGH	QPSK	13.01	12.87	13.07	14.50
	6	LOW	QPSK	13.35	13.28	**13.45**	14.50
1.4	1	LOW	Q16	13.45	13.07	13.09	14.50
		MID	Q16	13.00	12.81	12.88	14.50
		HIGH	Q16	12.92	13.33	13.30	14.50
	3	LOW	Q16	13.21	12.87	13.06	14.50
		MID	Q16	13.31	13.03	12.89	14.50
		HIGH	Q16	12.95	12.91	12.90	14.50
	6	LOW	Q16	13.23	13.28	13.06	14.50
1.4	1	LOW	64QAM	13.34	12.99	13.02	14.50
		MID	64QAM	13.10	12.96	13.14	14.50
		HIGH	64QAM	13.06	13.01	13.06	14.50
	3	LOW	64QAM	12.91	12.88	12.84	14.50
		MID	64QAM	13.38	12.84	13.08	14.50
		HIGH	64QAM	13.02	12.99	13.02	14.50
	6	LOW	64QAM	13.41	12.89	13.12	14.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	**13.28**	13.23	13.18	14.50
		MID	QPSK	13.16	13.14	13.17	14.50
		HIGH	QPSK	12.98	**13.28**	13.05	14.50
	8	LOW	QPSK	13.20	13.22	**13.28**	14.50
		MID	QPSK	13.18	13.06	13.21	14.50
		HIGH	QPSK	13.10	13.01	13.06	14.50
	15	LOW	QPSK	**13.39**	13.20	13.30	14.50
3	1	LOW	Q16	13.25	13.09	13.20	14.50
		MID	Q16	13.02	12.76	12.74	14.50
		HIGH	Q16	13.00	13.21	13.11	14.50
	8	LOW	Q16	13.18	12.93	12.98	14.50
		MID	Q16	13.20	13.00	13.00	14.50
		HIGH	Q16	12.88	12.78	13.00	14.50
	15	LOW	Q16	13.17	13.17	13.18	14.50
3	1	LOW	64QAM	13.36	12.88	13.09	14.50
		MID	64QAM	13.02	13.11	13.06	14.50
		HIGH	64QAM	13.15	13.10	13.08	14.50
	8	LOW	64QAM	12.79	12.98	12.87	14.50
		MID	64QAM	13.27	12.86	12.99	14.50
		HIGH	64QAM	13.09	12.98	13.02	14.50
	15	LOW	64QAM	13.44	12.89	12.96	14.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	13.12	13.09	13.09	14.50
		MID	QPSK	13.09	**13.17**	13.15	14.50
		HIGH	QPSK	13.07	13.16	13.15	14.50
	12	LOW	QPSK	13.08	13.23	13.22	14.50
		MID	QPSK	13.23	12.97	**13.27**	14.50
		HIGH	QPSK	13.20	12.90	13.04	14.50
	25	LOW	QPSK	13.30	**13.40**	13.37	14.50
5	1	LOW	Q16	13.45	13.21	13.21	14.50
		MID	Q16	13.02	12.86	12.74	14.50
		HIGH	Q16	13.02	13.19	13.18	14.50
	12	LOW	Q16	13.00	12.99	13.00	14.50
		MID	Q16	13.31	13.00	12.98	14.50
		HIGH	Q16	12.95	12.92	13.01	14.50
	25	LOW	Q16	13.10	13.28	13.00	14.50
5	1	LOW	64QAM	13.25	12.90	13.02	14.50
		MID	64QAM	13.10	13.17	13.05	14.50
		HIGH	64QAM	12.96	13.08	13.09	14.50
	12	LOW	64QAM	12.86	12.97	12.98	14.50
		MID	64QAM	13.35	12.84	13.14	14.50
		HIGH	64QAM	13.04	13.04	12.83	14.50
	25	LOW	64QAM	13.29	12.99	12.98	14.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	13.10	13.19	13.14	14.50
		MID	QPSK	13.20	13.16	13.08	14.50
		HIGH	QPSK	12.97	**13.22**	13.07	14.50
	25	LOW	QPSK	13.04	13.09	13.15	14.50
		MID	QPSK	**13.19**	13.07	13.17	14.50
		HIGH	QPSK	13.18	12.97	13.14	14.50
	50	LOW	QPSK	13.41	**13.42**	13.30	14.50
10	1	LOW	Q16	13.26	13.21	13.12	14.50
		MID	Q16	13.02	12.73	12.76	14.50
		HIGH	Q16	12.93	13.31	13.11	14.50
	25	LOW	Q16	13.07	13.05	12.97	14.50
		MID	Q16	13.17	12.99	12.90	14.50
		HIGH	Q16	12.89	12.91	13.07	14.50
	50	LOW	Q16	13.10	13.20	13.00	14.50
10	1	LOW	64QAM	13.24	12.88	13.12	14.50
		MID	64QAM	13.18	13.10	13.10	14.50
		HIGH	64QAM	12.98	13.03	13.13	14.50
	25	LOW	64QAM	12.82	12.97	12.96	14.50
		MID	64QAM	13.26	12.91	13.01	14.50
		HIGH	64QAM	12.97	12.87	13.00	14.50
	50	LOW	64QAM	13.25	12.94	12.92	14.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	**13.23**	13.15	13.13	14.50
		MID	QPSK	13.15	13.13	13.05	14.50
		HIGH	QPSK	13.15	13.17	12.98	14.50
	36	LOW	QPSK	13.07	13.06	13.24	14.50
		MID	QPSK	13.17	13.13	**13.28**	14.50
		HIGH	QPSK	13.02	12.96	13.22	14.50
	75	LOW	QPSK	13.35	**13.40**	13.29	14.50
15	1	LOW	Q16	13.23	13.23	13.09	14.50
		MID	Q16	13.05	12.84	12.78	14.50
		HIGH	Q16	12.90	13.23	13.15	14.50
	36	LOW	Q16	13.01	12.94	13.00	14.50
		MID	Q16	13.11	13.16	13.10	14.50
		HIGH	Q16	13.09	12.76	12.94	14.50
	75	LOW	Q16	13.22	13.24	13.05	14.50
15	1	LOW	64QAM	13.33	12.99	13.12	14.50
		MID	64QAM	13.06	13.15	13.14	14.50
		HIGH	64QAM	13.14	13.03	13.18	14.50
	36	LOW	64QAM	12.80	12.90	12.91	14.50
		MID	64QAM	13.37	12.97	13.17	14.50
		HIGH	64QAM	13.00	12.96	13.02	14.50
	75	LOW	64QAM	13.24	12.85	13.10	14.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	13.19	13.10	13.25	14.50
		MID	QPSK	**13.26**	13.09	13.11	14.50
		HIGH	QPSK	13.14	13.16	13.04	14.50
	50	LOW	QPSK	13.18	13.05	13.14	14.50
		MID	QPSK	**13.22**	13.10	13.18	14.50
		HIGH	QPSK	13.03	13.01	13.17	14.50
	100	LOW	QPSK	**13.33**	13.24	**13.33**	14.50
20	1	LOW	Q16	13.25	13.11	13.27	14.50
		MID	Q16	12.86	12.86	12.70	14.50
		HIGH	Q16	12.90	13.23	13.26	14.50
	50	LOW	Q16	13.07	12.95	13.10	14.50
		MID	Q16	13.25	13.11	13.03	14.50
		HIGH	Q16	12.88	12.78	12.91	14.50
	100	LOW	Q16	13.13	13.32	13.03	14.50
20	1	LOW	64QAM	13.30	12.80	12.96	14.50
		MID	64QAM	13.03	13.01	13.12	14.50
		HIGH	64QAM	12.97	13.11	13.09	14.50
	50	LOW	64QAM	12.86	12.97	12.87	14.50
		MID	64QAM	13.42	12.84	13.17	14.50
		HIGH	64QAM	13.05	12.87	13.00	14.50
	100	LOW	64QAM	13.42	12.82	12.95	14.50

LTE B66-State 11-Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.21	19.44	19.19	20.50
		MID	QPSK	19.30	**19.66**	19.28	20.50
		HIGH	QPSK	19.46	19.54	19.22	20.50
	3	LOW	QPSK	19.20	19.44	19.49	20.50
		MID	QPSK	19.26	**19.70**	18.95	20.50
		HIGH	QPSK	19.32	19.45	19.26	20.50
	6	LOW	QPSK	19.16	**19.28**	18.93	20.50
1.4	1	LOW	Q16	19.18	19.54	19.05	20.50
		MID	Q16	19.33	19.74	19.51	20.50
		HIGH	Q16	19.32	19.94	19.26	20.50
	3	LOW	Q16	19.69	19.55	19.55	20.50
		MID	Q16	19.22	19.70	19.15	20.50
		HIGH	Q16	19.69	19.54	19.65	20.50
	6	LOW	Q16	19.53	19.60	19.31	20.50
1.4	1	LOW	64QAM	19.30	19.75	19.41	20.50
		MID	64QAM	19.72	19.79	19.38	20.50
		HIGH	64QAM	19.32	19.64	19.52	20.50
	3	LOW	64QAM	19.52	19.36	19.12	20.50
		MID	64QAM	19.18	19.53	19.26	20.50
		HIGH	64QAM	19.37	19.71	19.37	20.50
	6	LOW	64QAM	19.28	19.64	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.19	19.38	19.00	20.50
		MID	QPSK	19.27	**19.70**	19.17	20.50
		HIGH	QPSK	19.58	19.50	19.38	20.50
	8	LOW	QPSK	19.27	**19.62**	19.47	20.50
		MID	QPSK	19.05	19.46	19.10	20.50
		HIGH	QPSK	19.11	19.57	19.30	20.50
	15	LOW	QPSK	18.99	**19.32**	18.86	20.50
3	1	LOW	Q16	19.23	19.50	19.28	20.50
		MID	Q16	19.28	19.64	19.45	20.50
		HIGH	Q16	19.21	19.80	19.22	20.50
	8	LOW	Q16	19.47	19.61	19.59	20.50
		MID	Q16	19.16	19.62	19.40	20.50
		HIGH	Q16	19.45	19.70	19.63	20.50
	15	LOW	Q16	19.47	19.60	19.19	20.50
3	1	LOW	64QAM	19.59	19.59	19.49	20.50
		MID	64QAM	19.50	19.69	19.46	20.50
		HIGH	64QAM	19.30	19.82	19.38	20.50
	8	LOW	64QAM	19.27	19.26	19.19	20.50
		MID	64QAM	19.30	19.63	19.30	20.50
		HIGH	64QAM	19.29	19.53	19.41	20.50
	15	LOW	64QAM	19.09	19.50	19.18	20.50

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.12	19.52	19.07	20.50
		MID	QPSK	19.38	**19.64**	19.17	20.50
		HIGH	QPSK	19.46	19.60	19.19	20.50
	12	LOW	QPSK	19.20	19.52	19.43	20.50
		MID	QPSK	19.12	**19.56**	19.04	20.50
		HIGH	QPSK	19.14	19.53	19.28	20.50
	25	LOW	QPSK	19.03	**19.34**	18.97	20.50
5	1	LOW	Q16	19.27	19.58	19.01	20.50
		MID	Q16	19.31	19.82	19.33	20.50
		HIGH	Q16	19.28	19.90	19.24	20.50
	12	LOW	Q16	19.57	19.49	19.39	20.50
		MID	Q16	19.20	19.72	19.18	20.50
		HIGH	Q16	19.55	19.62	19.71	20.50
	25	LOW	Q16	19.47	19.66	19.39	20.50
5	1	LOW	64QAM	19.37	19.45	19.41	20.50
		MID	64QAM	19.52	19.75	19.31	20.50
		HIGH	64QAM	19.19	19.84	19.30	20.50
	12	LOW	64QAM	19.44	19.44	19.23	20.50
		MID	64QAM	19.15	19.71	19.19	20.50
		HIGH	64QAM	19.49	19.71	19.33	20.50
	25	LOW	64QAM	19.34	19.40	19.18	20.50
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.08	19.29	19.21	20.50
		MID	QPSK	19.48	**19.52**	19.30	20.50
		HIGH	QPSK	19.46	19.44	19.24	20.50
	25	LOW	QPSK	19.27	**19.58**	19.29	20.50
		MID	QPSK	19.30	19.50	19.10	20.50
		HIGH	QPSK	19.09	19.33	19.13	20.50
	50	LOW	QPSK	19.18	**19.20**	19.05	20.50
10	1	LOW	Q16	19.43	19.44	19.16	20.50
		MID	Q16	19.53	19.78	19.39	20.50
		HIGH	Q16	19.32	19.94	19.24	20.50
	25	LOW	Q16	19.59	19.61	19.53	20.50
		MID	Q16	19.16	19.64	19.20	20.50
		HIGH	Q16	19.59	19.64	19.59	20.50
	50	LOW	Q16	19.41	19.62	19.17	20.50
10	1	LOW	64QAM	19.30	19.51	19.45	20.50
		MID	64QAM	19.44	19.71	19.58	20.50
		HIGH	64QAM	19.28	19.84	19.54	20.50
	25	LOW	64QAM	19.27	19.42	19.35	20.50
		MID	64QAM	19.36	19.51	19.19	20.50
		HIGH	64QAM	19.27	19.61	19.21	20.50
	50	LOW	64QAM	19.34	19.34	19.06	20.50

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.29	19.38	19.17	20.50
		MID	QPSK	19.52	**19.56**	19.15	20.50
		HIGH	QPSK	19.38	19.46	19.48	20.50
	36	LOW	QPSK	19.16	**19.54**	19.24	20.50
		MID	QPSK	19.07	19.52	19.01	20.50
		HIGH	QPSK	19.14	19.51	19.22	20.50
	75	LOW	QPSK	18.99	**19.13**	18.84	20.50
15	1	LOW	Q16	19.47	19.62	19.10	20.50
		MID	Q16	19.41	19.62	19.47	20.50
		HIGH	Q16	19.28	19.66	19.34	20.50
	36	LOW	Q16	19.55	19.49	19.57	20.50
		MID	Q16	19.34	19.58	19.13	20.50
		HIGH	Q16	19.61	19.70	19.53	20.50
	75	LOW	Q16	19.49	19.50	19.19	20.50
15	1	LOW	64QAM	19.43	19.47	19.32	20.50
		MID	64QAM	19.66	19.57	19.38	20.50
		HIGH	64QAM	19.32	19.86	19.30	20.50
	36	LOW	64QAM	19.54	19.28	19.27	20.50
		MID	64QAM	19.26	19.47	19.24	20.50
		HIGH	64QAM	19.31	19.53	19.12	20.50
	75	LOW	64QAM	19.24	19.48	19.26	20.50
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.25	19.50	19.19	20.50
		MID	QPSK	19.46	**19.64**	19.36	20.50
		HIGH	QPSK	19.48	19.58	19.38	20.50
	50	LOW	QPSK	19.35	19.54	19.45	20.50
		MID	QPSK	19.24	**19.66**	19.14	20.50
		HIGH	QPSK	19.24	19.53	19.34	20.50
	100	LOW	QPSK	19.16	**19.32**	18.99	20.50
20	1	LOW	Q16	19.39	19.58	19.22	20.50
		MID	Q16	19.47	19.74	19.49	20.50
		HIGH	Q16	19.40	19.84	19.24	20.50
	50	LOW	Q16	19.69	19.61	19.59	20.50
		MID	Q16	19.30	19.70	19.30	20.50
		HIGH	Q16	19.69	19.70	19.71	20.50
	100	LOW	Q16	19.47	19.72	19.29	20.50
20	1	LOW	64QAM	19.49	19.67	19.53	20.50
		MID	64QAM	19.62	19.69	19.50	20.50
		HIGH	64QAM	19.38	19.84	19.44	20.50
	50	LOW	64QAM	19.46	19.34	19.27	20.50
		MID	64QAM	19.30	19.63	19.36	20.50
		HIGH	64QAM	19.45	19.73	19.33	20.50
	100	LOW	64QAM	19.28	19.54	19.18	20.50

LTE B66-State 15 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.45	20.38	**20.59**	22.00
		MID	QPSK	20.36	20.45	20.21	22.00
		HIGH	QPSK	20.22	20.45	20.03	22.00
	3	LOW	QPSK	**20.82**	20.61	20.51	22.00
		MID	QPSK	20.24	20.76	20.59	22.00
		HIGH	QPSK	20.59	20.70	20.61	22.00
	6	LOW	QPSK	**20.77**	20.39	20.59	22.00
1.4	1	LOW	Q16	20.60	20.71	20.55	22.00
		MID	Q16	20.47	20.82	20.43	22.00
		HIGH	Q16	20.66	20.53	20.30	22.00
	3	LOW	Q16	20.91	20.63	20.62	22.00
		MID	Q16	20.55	20.76	20.27	22.00
		HIGH	Q16	20.55	20.67	20.63	22.00
	6	LOW	Q16	20.61	20.70	20.28	22.00
1.4	1	LOW	64QAM	20.66	20.64	20.92	22.00
		MID	64QAM	20.36	20.76	20.68	22.00
		HIGH	64QAM	20.48	20.85	20.35	22.00
	3	LOW	64QAM	20.74	20.73	20.78	22.00
		MID	64QAM	20.20	20.66	20.60	22.00
		HIGH	64QAM	20.38	20.62	20.55	22.00
	6	LOW	64QAM	20.52	20.54	20.46	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	20.31	20.59	22.00
		MID	QPSK	20.52	**20.74**	20.27	22.00
		HIGH	QPSK	20.34	20.68	20.15	22.00
	8	LOW	QPSK	**20.72**	20.59	20.33	22.00
		MID	QPSK	20.35	20.58	20.69	22.00
		HIGH	QPSK	20.49	20.41	20.47	22.00
	15	LOW	QPSK	**20.83**	20.49	20.36	22.00
3	1	LOW	Q16	20.58	20.72	20.74	22.00
		MID	Q16	20.21	20.65	20.41	22.00
		HIGH	Q16	20.46	20.65	20.30	22.00
	8	LOW	Q16	20.73	20.43	20.62	22.00
		MID	Q16	20.53	20.56	20.39	22.00
		HIGH	Q16	20.28	20.63	20.47	22.00
	15	LOW	Q16	20.67	20.66	20.50	22.00
3	1	LOW	64QAM	20.71	20.71	20.90	22.00
		MID	64QAM	20.32	20.74	20.64	22.00
		HIGH	64QAM	20.42	20.64	20.35	22.00
	8	LOW	64QAM	20.56	20.28	20.18	21.00
		MID	64QAM	20.62	20.66	20.21	21.00
		HIGH	64QAM	20.49	20.52	20.42	21.00
	15	LOW	64QAM	20.58	20.43	20.68	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.57	20.50	20.57	22.00
		MID	QPSK	20.34	**20.68**	20.11	22.00
		HIGH	QPSK	20.34	20.64	20.25	22.00
	12	LOW	QPSK	20.62	20.37	20.37	22.00
		MID	QPSK	20.57	**20.66**	20.57	22.00
		HIGH	QPSK	20.36	20.46	20.59	22.00
	25	LOW	QPSK	**20.56**	20.29	20.40	22.00
5	1	LOW	Q16	20.58	20.94	20.59	22.00
		MID	Q16	20.31	20.65	20.37	22.00
		HIGH	Q16	20.48	20.69	20.46	22.00
	12	LOW	Q16	20.89	20.61	20.56	22.00
		MID	Q16	20.47	20.56	20.39	22.00
		HIGH	Q16	20.35	20.61	20.45	22.00
	25	LOW	Q16	20.69	20.55	20.32	22.00
5	1	LOW	64QAM	20.87	20.75	20.94	22.00
		MID	64QAM	20.32	20.51	20.46	22.00
		HIGH	64QAM	20.42	20.58	20.29	22.00
	12	LOW	64QAM	20.54	20.12	20.26	21.00
		MID	64QAM	20.58	20.70	20.29	21.00
		HIGH	64QAM	20.57	20.56	20.30	21.00
	25	LOW	64QAM	20.72	20.39	20.58	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**20.67**	20.52	20.55	22.00
		MID	QPSK	20.42	20.62	20.31	22.00
		HIGH	QPSK	20.08	20.64	20.11	22.00
	25	LOW	QPSK	**20.74**	20.32	20.23	22.00
		MID	QPSK	20.39	20.45	20.50	22.00
		HIGH	QPSK	20.38	20.46	20.33	22.00
	50	LOW	QPSK	**20.63**	20.24	20.51	22.00
10	1	LOW	Q16	20.71	20.71	20.70	22.00
		MID	Q16	20.39	20.92	20.31	22.00
		HIGH	Q16	20.33	20.48	20.60	22.00
	25	LOW	Q16	20.58	20.69	20.33	22.00
		MID	Q16	20.61	20.56	20.43	22.00
		HIGH	Q16	20.43	20.84	20.36	22.00
	50	LOW	Q16	20.63	20.61	20.50	22.00
10	1	LOW	64QAM	20.77	20.89	20.86	22.00
		MID	64QAM	20.32	20.62	20.41	22.00
		HIGH	64QAM	20.52	20.77	20.25	22.00
	25	LOW	64QAM	20.58	20.28	20.38	21.00
		MID	64QAM	20.60	20.74	20.31	21.00
		HIGH	64QAM	20.42	20.63	20.50	21.00
	50	LOW	64QAM	20.74	20.58	20.64	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.47	20.48	20.30	22.00
		MID	QPSK	20.58	20.62	20.35	22.00
		HIGH	QPSK	20.24	**20.76**	20.17	22.00
	36	LOW	QPSK	20.51	20.45	20.43	22.00
		MID	QPSK	20.51	20.60	**20.71**	22.00
		HIGH	QPSK	20.43	20.41	20.45	22.00
	75	LOW	QPSK	**20.65**	20.49	20.57	22.00
15	1	LOW	Q16	20.79	20.92	20.74	22.00
		MID	Q16	20.29	20.63	20.51	22.00
		HIGH	Q16	20.42	20.61	20.34	22.00
	36	LOW	Q16	20.89	20.43	20.35	22.00
		MID	Q16	20.47	20.76	20.49	22.00
		HIGH	Q16	20.43	20.76	20.34	22.00
	75	LOW	Q16	20.40	20.86	20.46	22.00
15	1	LOW	64QAM	20.97	20.66	20.78	22.00
		MID	64QAM	20.36	20.56	20.72	22.00
		HIGH	64QAM	20.38	20.73	20.29	22.00
	36	LOW	64QAM	20.58	20.22	20.38	21.00
		MID	64QAM	20.50	20.62	20.47	21.00
		HIGH	64QAM	20.40	20.83	20.30	21.00
	75	LOW	64QAM	20.45	20.62	20.54	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.61	20.54	20.51	22.00
		MID	QPSK	20.48	**20.64**	20.33	22.00
		HIGH	QPSK	20.28	20.56	20.23	22.00
	50	LOW	QPSK	20.53	20.53	20.41	22.00
		MID	QPSK	20.60	**20.68**	20.67	22.00
		HIGH	QPSK	20.59	20.62	20.51	22.00
	100	LOW	QPSK	**20.75**	20.47	20.59	22.00
20	1	LOW	Q16	20.81	20.94	20.78	22.00
		MID	Q16	20.37	20.82	20.49	22.00
		HIGH	Q16	20.56	20.67	20.50	22.00
	50	LOW	Q16	20.81	20.59	20.56	22.00
		MID	Q16	20.53	20.70	20.47	22.00
		HIGH	Q16	20.51	20.82	20.57	22.00
	100	LOW	Q16	20.63	20.78	20.40	22.00
20	1	LOW	64QAM	20.87	20.83	20.88	22.00
		MID	64QAM	20.28	20.68	20.62	22.00
		HIGH	64QAM	20.50	20.81	20.45	22.00
	50	LOW	64QAM	20.48	20.34	20.36	21.00
		MID	64QAM	20.60	20.64	20.41	21.00
		HIGH	64QAM	20.63	20.73	20.40	21.00
	100	LOW	64QAM	20.64	20.62	20.60	21.00

LTE B66-State 17 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	3	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	6	LOW	QPSK	**11.14**	11.10	11.08	12.00
1.4	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	3	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	6	LOW	Q16	10.95	10.95	10.85	12.00
1.4	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	3	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	6	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	8	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	15	LOW	QPSK	**11.14**	11.10	11.08	12.00
3	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	8	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	15	LOW	Q16	10.95	10.95	10.85	12.00
3	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	8	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	15	LOW	64QAM	11.09	10.53	10.77	12.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	12	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	25	LOW	QPSK	**11.14**	11.10	11.08	12.00
5	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	12	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	25	LOW	Q16	10.95	10.95	10.85	12.00
5	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	12	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	25	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	25	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	50	LOW	QPSK	**11.14**	11.10	11.08	12.00
10	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	25	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	50	LOW	Q16	10.95	10.95	10.85	12.00
10	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	25	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	50	LOW	64QAM	11.09	10.53	10.77	12.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	36	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	75	LOW	QPSK	**11.14**	11.10	11.08	12.00
15	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	36	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	75	LOW	Q16	10.95	10.95	10.85	12.00
15	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	36	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	75	LOW	64QAM	11.09	10.53	10.77	12.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	11.10	**11.14**	11.07	12.00
		MID	QPSK	11.04	11.05	11.06	12.00
		HIGH	QPSK	11.07	11.02	10.95	12.00
	50	LOW	QPSK	11.03	11.07	10.96	12.00
		MID	QPSK	11.08	**11.13**	11.06	12.00
		HIGH	QPSK	11.05	11.05	11.02	12.00
	100	LOW	QPSK	**11.14**	11.10	11.08	12.00
20	1	LOW	Q16	11.08	10.84	10.92	12.00
		MID	Q16	10.69	10.51	10.42	12.00
		HIGH	Q16	10.63	10.95	10.93	12.00
	50	LOW	Q16	10.85	10.59	10.69	12.00
		MID	Q16	10.98	10.77	10.75	12.00
		HIGH	Q16	10.72	10.56	10.79	12.00
	100	LOW	Q16	10.95	10.95	10.85	12.00
20	1	LOW	64QAM	11.06	10.66	10.69	12.00
		MID	64QAM	10.69	10.76	10.67	12.00
		HIGH	64QAM	10.68	10.69	10.78	12.00
	50	LOW	64QAM	10.52	10.59	10.55	12.00
		MID	64QAM	11.09	10.63	10.74	12.00
		HIGH	64QAM	10.83	10.71	10.72	12.00
	100	LOW	64QAM	11.09	10.53	10.77	12.00

LTE B66-State 19 -Ant.1(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.45	20.38	**20.59**	22.00
		MID	QPSK	20.36	20.45	20.21	22.00
		HIGH	QPSK	20.22	20.45	20.03	22.00
	3	LOW	QPSK	**20.82**	20.61	20.51	22.00
		MID	QPSK	20.24	20.76	20.59	22.00
		HIGH	QPSK	20.59	20.70	20.61	22.00
	6	LOW	QPSK	**20.77**	20.39	20.59	22.00
1.4	1	LOW	Q16	20.60	20.71	20.55	22.00
		MID	Q16	20.47	20.82	20.43	22.00
		HIGH	Q16	20.66	20.53	20.30	22.00
	3	LOW	Q16	20.91	20.63	20.62	22.00
		MID	Q16	20.55	20.76	20.27	22.00
		HIGH	Q16	20.55	20.67	20.63	22.00
	6	LOW	Q16	20.61	20.70	20.28	22.00
1.4	1	LOW	64QAM	20.66	20.64	20.92	22.00
		MID	64QAM	20.36	20.76	20.68	22.00
		HIGH	64QAM	20.48	20.85	20.35	22.00
	3	LOW	64QAM	20.74	20.73	20.78	22.00
		MID	64QAM	20.20	20.66	20.60	22.00
		HIGH	64QAM	20.38	20.62	20.55	22.00
	6	LOW	64QAM	20.52	20.54	20.46	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.38	20.31	20.59	22.00
		MID	QPSK	20.52	**20.74**	20.27	22.00
		HIGH	QPSK	20.34	20.68	20.15	22.00
	8	LOW	QPSK	**20.72**	20.59	20.33	22.00
		MID	QPSK	20.35	20.58	20.69	22.00
		HIGH	QPSK	20.49	20.41	20.47	22.00
	15	LOW	QPSK	**20.83**	20.49	20.36	22.00
3	1	LOW	Q16	20.58	20.72	20.74	22.00
		MID	Q16	20.21	20.65	20.41	22.00
		HIGH	Q16	20.46	20.65	20.30	22.00
	8	LOW	Q16	20.73	20.43	20.62	22.00
		MID	Q16	20.53	20.56	20.39	22.00
		HIGH	Q16	20.28	20.63	20.47	22.00
	15	LOW	Q16	20.67	20.66	20.50	22.00
3	1	LOW	64QAM	20.71	20.71	20.90	22.00
		MID	64QAM	20.32	20.74	20.64	22.00
		HIGH	64QAM	20.42	20.64	20.35	22.00
	8	LOW	64QAM	20.56	20.28	20.18	21.00
		MID	64QAM	20.62	20.66	20.21	21.00
		HIGH	64QAM	20.49	20.52	20.42	21.00
	15	LOW	64QAM	20.58	20.43	20.68	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.57	20.50	20.57	22.00
		MID	QPSK	20.34	**20.68**	20.11	22.00
		HIGH	QPSK	20.34	20.64	20.25	22.00
	12	LOW	QPSK	20.62	20.37	20.37	22.00
		MID	QPSK	20.57	**20.66**	20.57	22.00
		HIGH	QPSK	20.36	20.46	20.59	22.00
	25	LOW	QPSK	**20.56**	20.29	20.40	22.00
5	1	LOW	Q16	20.58	20.94	20.59	22.00
		MID	Q16	20.31	20.65	20.37	22.00
		HIGH	Q16	20.48	20.69	20.46	22.00
	12	LOW	Q16	20.89	20.61	20.56	22.00
		MID	Q16	20.47	20.56	20.39	22.00
		HIGH	Q16	20.35	20.61	20.45	22.00
	25	LOW	Q16	20.69	20.55	20.32	22.00
5	1	LOW	64QAM	20.87	20.75	20.94	22.00
		MID	64QAM	20.32	20.51	20.46	22.00
		HIGH	64QAM	20.42	20.58	20.29	22.00
	12	LOW	64QAM	20.54	20.12	20.26	21.00
		MID	64QAM	20.58	20.70	20.29	21.00
		HIGH	64QAM	20.57	20.56	20.30	21.00
	25	LOW	64QAM	20.72	20.39	20.58	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**20.67**	20.52	20.55	22.00
		MID	QPSK	20.42	20.62	20.31	22.00
		HIGH	QPSK	20.08	20.64	20.11	22.00
	25	LOW	QPSK	**20.74**	20.32	20.23	22.00
		MID	QPSK	20.39	20.45	20.50	22.00
		HIGH	QPSK	20.38	20.46	20.33	22.00
	50	LOW	QPSK	**20.63**	20.24	20.51	22.00
10	1	LOW	Q16	20.71	20.71	20.70	22.00
		MID	Q16	20.39	20.92	20.31	22.00
		HIGH	Q16	20.33	20.48	20.60	22.00
	25	LOW	Q16	20.58	20.69	20.33	22.00
		MID	Q16	20.61	20.56	20.43	22.00
		HIGH	Q16	20.43	20.84	20.36	22.00
	50	LOW	Q16	20.63	20.61	20.50	22.00
10	1	LOW	64QAM	20.77	20.89	20.86	22.00
		MID	64QAM	20.32	20.62	20.41	22.00
		HIGH	64QAM	20.52	20.77	20.25	22.00
	25	LOW	64QAM	20.58	20.28	20.38	21.00
		MID	64QAM	20.60	20.74	20.31	21.00
		HIGH	64QAM	20.42	20.63	20.50	21.00
	50	LOW	64QAM	20.74	20.58	20.64	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.47	20.48	20.30	22.00
		MID	QPSK	20.58	20.62	20.35	22.00
		HIGH	QPSK	20.24	**20.76**	20.17	22.00
	36	LOW	QPSK	20.51	20.45	20.43	22.00
		MID	QPSK	20.51	20.60	**20.71**	22.00
		HIGH	QPSK	20.43	20.41	20.45	22.00
	75	LOW	QPSK	**20.65**	20.49	20.57	22.00
15	1	LOW	Q16	20.79	20.92	20.74	22.00
		MID	Q16	20.29	20.63	20.51	22.00
		HIGH	Q16	20.42	20.61	20.34	22.00
	36	LOW	Q16	20.89	20.43	20.35	22.00
		MID	Q16	20.47	20.76	20.49	22.00
		HIGH	Q16	20.43	20.76	20.34	22.00
	75	LOW	Q16	20.40	20.86	20.46	22.00
15	1	LOW	64QAM	20.97	20.66	20.78	22.00
		MID	64QAM	20.36	20.56	20.72	22.00
		HIGH	64QAM	20.38	20.73	20.29	22.00
	36	LOW	64QAM	20.58	20.22	20.38	21.00
		MID	64QAM	20.50	20.62	20.47	21.00
		HIGH	64QAM	20.40	20.83	20.30	21.00
	75	LOW	64QAM	20.45	20.62	20.54	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.61	20.54	20.51	22.00
		MID	QPSK	20.48	**20.64**	20.33	22.00
		HIGH	QPSK	20.28	20.56	20.23	22.00
	50	LOW	QPSK	20.53	20.53	20.41	22.00
		MID	QPSK	20.60	**20.68**	20.67	22.00
		HIGH	QPSK	20.59	20.62	20.51	22.00
	100	LOW	QPSK	**20.75**	20.47	20.59	22.00
20	1	LOW	Q16	20.81	20.94	20.78	22.00
		MID	Q16	20.37	20.82	20.49	22.00
		HIGH	Q16	20.56	20.67	20.50	22.00
	50	LOW	Q16	20.81	20.59	20.56	22.00
		MID	Q16	20.53	20.70	20.47	22.00
		HIGH	Q16	20.51	20.82	20.57	22.00
	100	LOW	Q16	20.63	20.78	20.40	22.00
20	1	LOW	64QAM	20.87	20.83	20.88	22.00
		MID	64QAM	20.28	20.68	20.62	22.00
		HIGH	64QAM	20.50	20.81	20.45	22.00
	50	LOW	64QAM	20.48	20.34	20.36	21.00
		MID	64QAM	20.60	20.64	20.41	21.00
		HIGH	64QAM	20.63	20.73	20.40	21.00
	100	LOW	64QAM	20.64	20.62	20.60	21.00

LTE B66-State 12 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	22.14	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
	15	LOW	QPSK	21.74	21.88	21.99	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	22.14	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
	15	LOW	QPSK	21.74	21.88	21.99	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	**23.12**	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	**23.03**	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	**22.14**	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	**23.03**	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	**22.19**	21.93	23.00
	15	LOW	QPSK	21.74	21.88	**21.99**	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	**23.15**	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	**22.14**	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	**22.14**	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	**23.08**	22.88	24.00
	25	LOW	QPSK	21.91	**22.29**	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	**21.92**	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	**23.23**	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	**22.22**	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	**22.08**	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	**23.12**	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	**23.03**	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	**22.14**	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	**23.03**	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	**22.19**	21.93	23.00
	15	LOW	QPSK	21.74	21.88	**21.99**	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	**23.15**	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	**22.14**	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	**22.14**	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	**23.08**	22.88	24.00
	25	LOW	QPSK	21.91	**22.29**	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	**21.92**	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	**23.23**	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	**22.22**	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	**22.08**	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	**19.57**	19.34	20.00
	3	LOW	QPSK	19.37	**19.64**	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	**19.46**	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	**19.59**	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	**19.70**	19.48	20.00
	15	LOW	QPSK	19.47	**19.56**	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	**19.65**	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	**19.56**	**19.56**	19.34	20.00
	25	LOW	QPSK	19.33	**19.66**	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	**19.70**	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	**19.66**	19.46	20.00
	50	LOW	QPSK	19.31	**19.46**	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	**19.55**	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	**19.56**	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	**19.55**	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	**19.63**	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	**19.68**	19.52	20.00
	100	LOW	QPSK	19.49	**19.58**	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	**19.57**	19.34	20.00
	3	LOW	QPSK	19.37	**19.64**	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	**19.46**	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	**19.59**	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	**19.70**	19.48	20.00
	15	LOW	QPSK	19.47	**19.56**	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	**19.65**	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	**19.56**	**19.56**	19.34	20.00
	25	LOW	QPSK	19.33	**19.66**	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	**19.70**	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	**19.66**	19.46	20.00
	50	LOW	QPSK	19.31	**19.46**	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	**19.55**	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	**19.56**	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	**19.55**	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	**19.63**	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	**19.68**	19.52	20.00
	100	LOW	QPSK	19.49	**19.58**	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

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Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	**19.57**	19.34	20.00
	3	LOW	QPSK	19.37	**19.64**	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	**19.46**	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	**19.59**	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	**19.70**	19.48	20.00
	15	LOW	QPSK	19.47	**19.56**	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	**19.65**	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	**19.56**	**19.56**	19.34	20.00
	25	LOW	QPSK	19.33	**19.66**	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	**19.70**	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	**19.66**	19.46	20.00
	50	LOW	QPSK	19.31	**19.46**	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	**19.55**	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	**19.56**	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	**19.55**	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	**19.63**	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	**19.68**	19.52	20.00
	100	LOW	QPSK	19.49	**19.58**	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 19 -Ant.0							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	**19.57**	19.34	20.00
	3	LOW	QPSK	19.37	**19.64**	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	**19.46**	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	**19.59**	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	**19.70**	19.48	20.00
	15	LOW	QPSK	19.47	**19.56**	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	**19.65**	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	**19.56**	**19.56**	19.34	20.00
	25	LOW	QPSK	19.33	**19.66**	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	**19.70**	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	**19.66**	19.46	20.00
	50	LOW	QPSK	19.31	**19.46**	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	**19.55**	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	**19.56**	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	**19.55**	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	**19.63**	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	**19.68**	19.52	20.00
	100	LOW	QPSK	19.49	**19.58**	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 12 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	22.14	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
	15	LOW	QPSK	21.74	21.88	21.99	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 16 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	23.12	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	23.03	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	22.14	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	23.03	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	22.19	21.93	23.00
	15	LOW	QPSK	21.74	21.88	21.99	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	23.15	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	22.14	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	22.14	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	23.08	22.88	24.00
	25	LOW	QPSK	21.91	22.29	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	21.92	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	23.23	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	22.22	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	22.08	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 18 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	**23.12**	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	**23.03**	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	**22.14**	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	**23.03**	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	**22.19**	21.93	23.00
	15	LOW	QPSK	21.74	21.88	**21.99**	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	**23.15**	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	**22.14**	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	**22.14**	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	**23.08**	22.88	24.00
	25	LOW	QPSK	21.91	**22.29**	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	**21.92**	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	**23.23**	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	**22.22**	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	**22.08**	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 20 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	23.11	23.09	24.00
		MID	QPSK	22.70	23.08	23.03	24.00
		HIGH	QPSK	22.69	**23.12**	22.86	24.00
	3	LOW	QPSK	22.79	22.99	23.02	24.00
		MID	QPSK	22.56	**23.03**	22.94	24.00
		HIGH	QPSK	22.58	22.89	22.88	24.00
	6	LOW	QPSK	22.05	**22.14**	21.97	23.00
1.4	1	LOW	Q16	22.29	22.51	22.37	23.00
		MID	Q16	22.19	22.61	22.47	23.00
		HIGH	Q16	22.20	22.60	22.30	23.00
	3	LOW	Q16	22.07	22.28	22.15	23.00
		MID	Q16	22.12	22.50	22.34	23.00
		HIGH	Q16	22.07	22.35	22.14	23.00
	6	LOW	Q16	20.89	21.20	20.97	22.00
1.4	1	LOW	64QAM	21.04	21.56	21.22	22.00
		MID	64QAM	21.17	21.65	21.51	22.00
		HIGH	64QAM	21.20	21.57	21.37	22.00
	3	LOW	64QAM	20.91	21.50	21.26	22.00
		MID	64QAM	21.06	21.61	21.36	22.00
		HIGH	64QAM	21.01	21.48	21.43	22.00
	6	LOW	64QAM	19.93	20.34	20.35	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.74	22.99	**23.03**	24.00
		MID	QPSK	22.47	23.01	22.87	24.00
		HIGH	QPSK	22.78	22.87	22.54	24.00
	8	LOW	QPSK	21.87	22.04	21.96	23.00
		MID	QPSK	21.92	22.05	21.81	23.00
		HIGH	QPSK	21.84	**22.19**	21.93	23.00
	15	LOW	QPSK	21.74	21.88	**21.99**	23.00
3	1	LOW	Q16	22.09	22.42	22.45	23.00
		MID	Q16	22.19	22.47	22.25	23.00
		HIGH	Q16	22.11	22.55	21.97	23.00
	8	LOW	Q16	20.87	20.97	21.02	22.00
		MID	Q16	20.96	21.16	20.87	22.00
		HIGH	Q16	20.88	21.20	20.89	22.00
	15	LOW	Q16	20.87	21.12	20.78	22.00
3	1	LOW	64QAM	21.23	21.74	21.26	22.00
		MID	64QAM	21.39	21.39	21.38	22.00
		HIGH	64QAM	21.20	21.61	21.31	22.00
	8	LOW	64QAM	19.58	20.29	20.06	21.00
		MID	64QAM	19.83	20.19	20.38	21.00
		HIGH	64QAM	20.12	20.11	20.29	21.00
	15	LOW	64QAM	20.15	20.36	20.31	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.93	23.00	24.00
		MID	QPSK	22.70	**23.15**	22.97	24.00
		HIGH	QPSK	22.69	22.85	22.72	24.00
	12	LOW	QPSK	21.67	22.04	22.10	23.00
		MID	QPSK	21.77	**22.14**	21.90	23.00
		HIGH	QPSK	21.78	22.06	21.87	23.00
	25	LOW	QPSK	21.94	**22.14**	21.77	23.00
5	1	LOW	Q16	22.24	22.40	22.43	23.00
		MID	Q16	22.13	22.68	22.31	23.00
		HIGH	Q16	21.98	22.73	22.01	23.00
	12	LOW	Q16	20.69	20.95	20.89	22.00
		MID	Q16	20.94	21.18	21.08	22.00
		HIGH	Q16	20.79	21.35	20.86	22.00
	25	LOW	Q16	20.91	21.03	20.99	22.00
5	1	LOW	64QAM	21.25	21.41	21.26	22.00
		MID	64QAM	21.35	21.52	21.23	22.00
		HIGH	64QAM	21.08	21.46	21.50	22.00
	12	LOW	64QAM	19.58	20.25	20.12	21.00
		MID	64QAM	19.77	20.25	20.32	21.00
		HIGH	64QAM	20.12	20.11	20.13	21.00
	25	LOW	64QAM	20.05	20.30	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	23.02	23.00	24.00
		MID	QPSK	22.50	22.90	22.94	24.00
		HIGH	QPSK	22.73	**23.08**	22.88	24.00
	25	LOW	QPSK	21.91	**22.29**	21.81	23.00
		MID	QPSK	21.99	22.00	21.81	23.00
		HIGH	QPSK	21.73	22.28	21.93	23.00
	50	LOW	QPSK	21.70	**21.92**	21.88	23.00
10	1	LOW	Q16	22.11	22.74	22.28	23.00
		MID	Q16	21.95	22.61	22.20	23.00
		HIGH	Q16	22.11	22.62	22.17	23.00
	25	LOW	Q16	20.81	21.24	20.85	22.00
		MID	Q16	20.90	21.22	20.96	22.00
		HIGH	Q16	20.98	21.01	20.97	22.00
	50	LOW	Q16	20.99	20.95	20.86	22.00
10	1	LOW	64QAM	21.38	21.74	21.37	22.00
		MID	64QAM	21.22	21.63	21.41	22.00
		HIGH	64QAM	21.08	21.70	21.33	22.00
	25	LOW	64QAM	19.60	20.17	20.00	21.00
		MID	64QAM	19.87	20.07	20.28	21.00
		HIGH	64QAM	20.00	20.23	20.07	21.00
	50	LOW	64QAM	19.87	20.36	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.61	**23.23**	22.87	24.00
		MID	QPSK	22.81	22.92	22.85	24.00
		HIGH	QPSK	22.53	22.89	22.57	24.00
	36	LOW	QPSK	21.70	**22.22**	22.07	23.00
		MID	QPSK	21.66	22.07	22.05	23.00
		HIGH	QPSK	21.71	22.10	21.93	23.00
	75	LOW	QPSK	21.92	**22.08**	21.94	23.00
15	1	LOW	Q16	22.31	22.58	22.23	23.00
		MID	Q16	22.28	22.50	22.16	23.00
		HIGH	Q16	22.11	22.71	22.17	23.00
	36	LOW	Q16	20.77	21.14	20.83	22.00
		MID	Q16	20.82	21.28	21.04	22.00
		HIGH	Q16	20.79	21.30	20.76	22.00
	75	LOW	Q16	20.85	21.10	20.86	22.00
15	1	LOW	64QAM	21.25	21.54	21.35	22.00
		MID	64QAM	21.45	21.52	21.32	22.00
		HIGH	64QAM	21.29	21.63	21.37	22.00
	36	LOW	64QAM	19.90	20.31	20.04	21.00
		MID	64QAM	19.63	20.03	20.06	21.00
		HIGH	64QAM	20.12	20.37	20.33	21.00
	75	LOW	64QAM	20.01	20.38	20.27	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	**23.11**	22.98	24.00
		MID	QPSK	22.70	23.08	22.92	24.00
		HIGH	QPSK	22.78	23.10	22.77	24.00
	50	LOW	QPSK	21.87	**22.20**	22.03	23.00
		MID	QPSK	21.90	22.16	22.01	23.00
		HIGH	QPSK	21.91	22.19	22.00	23.00
	100	LOW	QPSK	21.94	**22.12**	22.01	23.00
20	1	LOW	Q16	22.20	22.65	22.41	23.00
		MID	Q16	22.17	22.61	22.38	23.00
		HIGH	Q16	22.22	22.62	22.19	23.00
	50	LOW	Q16	20.81	21.18	21.06	22.00
		MID	Q16	20.88	21.20	21.04	22.00
		HIGH	Q16	20.92	21.24	20.99	22.00
	100	LOW	Q16	20.95	21.16	20.99	22.00
20	1	LOW	64QAM	21.27	21.65	21.41	22.00
		MID	64QAM	21.41	21.61	21.47	22.00
		HIGH	64QAM	21.29	21.59	21.46	22.00
	50	LOW	64QAM	19.80	20.21	20.18	21.00
		MID	64QAM	19.85	20.25	20.28	21.00
		HIGH	64QAM	20.08	20.27	20.23	21.00
	100	LOW	64QAM	20.07	20.32	20.27	21.00

LTE B66-State 11-Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.26	19.33	19.51	20.00
		MID	QPSK	19.35	19.50	19.39	20.00
		HIGH	QPSK	19.50	**19.57**	19.34	20.00
	3	LOW	QPSK	19.37	**19.64**	19.32	20.00
		MID	QPSK	19.55	19.39	19.40	20.00
		HIGH	QPSK	19.28	19.48	19.48	20.00
	6	LOW	QPSK	19.37	**19.46**	19.30	20.00
1.4	1	LOW	Q16	19.63	19.74	19.70	20.00
		MID	Q16	19.53	19.62	19.66	20.00
		HIGH	Q16	19.51	19.64	19.71	20.00
	3	LOW	Q16	19.35	19.64	19.53	20.00
		MID	Q16	19.53	19.50	19.52	20.00
		HIGH	Q16	19.39	19.57	19.56	20.00
	6	LOW	Q16	19.29	19.67	19.51	20.00
1.4	1	LOW	64QAM	19.63	19.48	19.56	20.00
		MID	64QAM	19.49	19.15	19.56	20.00
		HIGH	64QAM	19.27	19.50	19.57	20.00
	3	LOW	64QAM	19.42	19.57	19.62	20.00
		MID	64QAM	19.59	19.59	19.46	20.00
		HIGH	64QAM	19.53	19.90	19.46	20.00
	6	LOW	64QAM	19.36	19.54	19.65	20.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.22	**19.59**	19.39	20.00
		MID	QPSK	19.12	19.38	19.39	20.00
		HIGH	QPSK	19.40	19.41	19.42	20.00
	8	LOW	QPSK	19.35	19.36	19.34	20.00
		MID	QPSK	19.53	19.55	19.42	20.00
		HIGH	QPSK	19.40	**19.70**	19.48	20.00
	15	LOW	QPSK	19.47	**19.56**	19.40	20.00
3	1	LOW	Q16	19.65	19.72	19.70	20.00
		MID	Q16	19.53	19.64	19.50	20.00
		HIGH	Q16	19.37	19.50	19.63	20.00
	8	LOW	Q16	19.47	19.42	19.33	20.00
		MID	Q16	19.59	19.74	19.38	20.00
		HIGH	Q16	19.47	19.75	19.38	20.00
	15	LOW	Q16	19.30	19.47	19.29	20.00
3	1	LOW	64QAM	19.53	19.64	19.36	20.00
		MID	64QAM	19.49	19.24	19.54	20.00
		HIGH	64QAM	19.37	19.62	19.55	20.00
	8	LOW	64QAM	19.54	19.61	19.54	20.00
		MID	64QAM	19.61	19.59	19.27	20.00
		HIGH	64QAM	19.73	19.86	19.52	20.00
	15	LOW	64QAM	19.56	19.38	19.55	20.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.15	19.37	19.45	20.00
		MID	QPSK	19.29	19.64	19.49	20.00
		HIGH	QPSK	19.27	**19.65**	19.42	20.00
	12	LOW	QPSK	19.23	19.38	19.46	20.00
		MID	QPSK	19.29	19.49	19.27	20.00
		HIGH	QPSK	**19.56**	**19.56**	19.34	20.00
	25	LOW	QPSK	19.33	**19.66**	19.44	20.00
5	1	LOW	Q16	19.51	19.60	19.62	20.00
		MID	Q16	19.53	19.46	19.48	20.00
		HIGH	Q16	19.47	19.52	19.43	20.00
	12	LOW	Q16	19.45	19.54	19.55	20.00
		MID	Q16	19.49	19.52	19.34	20.00
		HIGH	Q16	19.43	19.67	19.56	20.00
	25	LOW	Q16	19.32	19.61	19.26	20.00
5	1	LOW	64QAM	19.49	19.54	19.50	20.00
		MID	64QAM	19.57	19.15	19.46	20.00
		HIGH	64QAM	19.15	19.56	19.67	20.00
	12	LOW	64QAM	19.56	19.45	19.70	20.00
		MID	64QAM	19.51	19.45	19.52	20.00
		HIGH	64QAM	19.47	19.84	19.64	20.00
	25	LOW	64QAM	19.34	19.52	19.69	20.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	19.28	19.59	19.35	20.00
		MID	QPSK	19.29	**19.70**	19.35	20.00
		HIGH	QPSK	19.23	19.69	19.28	20.00
	25	LOW	QPSK	19.16	19.60	19.50	20.00
		MID	QPSK	19.47	19.51	19.58	20.00
		HIGH	QPSK	19.27	**19.66**	19.46	20.00
	50	LOW	QPSK	19.31	**19.46**	19.38	20.00
10	1	LOW	Q16	19.49	19.62	19.80	20.00
		MID	Q16	19.71	19.54	19.64	20.00
		HIGH	Q16	19.51	19.44	19.73	20.00
	25	LOW	Q16	19.20	19.42	19.57	20.00
		MID	Q16	19.35	19.56	19.48	20.00
		HIGH	Q16	19.33	19.67	19.30	20.00
	50	LOW	Q16	19.52	19.57	19.51	20.00
10	1	LOW	64QAM	19.57	19.64	19.40	20.00
		MID	64QAM	19.43	19.38	19.64	20.00
		HIGH	64QAM	19.15	19.42	19.47	20.00
	25	LOW	64QAM	19.42	19.61	19.52	20.00
		MID	64QAM	19.37	19.67	19.42	20.00
		HIGH	64QAM	19.69	19.80	19.52	20.00
	50	LOW	64QAM	19.62	19.48	19.69	20.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	19.32	**19.55**	19.47	20.00
		MID	QPSK	19.21	19.50	19.43	20.00
		HIGH	QPSK	19.34	19.47	19.36	20.00
	36	LOW	QPSK	19.35	19.44	**19.56**	20.00
		MID	QPSK	19.24	19.51	19.46	20.00
		HIGH	QPSK	19.54	19.48	19.54	20.00
	75	LOW	QPSK	**19.55**	19.52	19.36	20.00
15	1	LOW	Q16	19.57	19.68	19.52	20.00
		MID	Q16	19.67	19.52	19.60	20.00
		HIGH	Q16	19.29	19.48	19.69	20.00
	36	LOW	Q16	19.35	19.56	19.28	20.00
		MID	Q16	19.39	19.66	19.40	20.00
		HIGH	Q16	19.41	19.81	19.36	20.00
	75	LOW	Q16	19.50	19.67	19.55	20.00
15	1	LOW	64QAM	19.57	19.70	19.50	20.00
		MID	64QAM	19.63	19.26	19.34	20.00
		HIGH	64QAM	19.35	19.36	19.51	20.00
	36	LOW	64QAM	19.46	19.57	19.74	20.00
		MID	64QAM	19.39	19.59	19.38	20.00
		HIGH	64QAM	19.59	19.74	19.54	20.00
	75	LOW	64QAM	19.64	19.36	19.45	20.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	19.32	19.49	19.49	20.00
		MID	QPSK	19.31	19.60	19.39	20.00
		HIGH	QPSK	19.44	**19.63**	19.38	20.00
	50	LOW	QPSK	19.35	19.56	19.52	20.00
		MID	QPSK	19.45	19.61	19.48	20.00
		HIGH	QPSK	19.46	**19.68**	19.52	20.00
	100	LOW	QPSK	19.49	**19.58**	19.44	20.00
20	1	LOW	Q16	19.67	19.74	19.74	20.00
		MID	Q16	19.69	19.56	19.70	20.00
		HIGH	Q16	19.47	19.58	19.63	20.00
	50	LOW	Q16	19.39	19.62	19.49	20.00
		MID	Q16	19.51	19.68	19.46	20.00
		HIGH	Q16	19.53	19.73	19.48	20.00
	100	LOW	Q16	19.48	19.65	19.45	20.00
20	1	LOW	64QAM	19.59	19.64	19.54	20.00
		MID	64QAM	19.63	19.36	19.56	20.00
		HIGH	64QAM	19.29	19.54	19.63	20.00
	50	LOW	64QAM	19.54	19.67	19.64	20.00
		MID	64QAM	19.57	19.61	19.44	20.00
		HIGH	64QAM	19.63	19.88	19.58	20.00
	100	LOW	64QAM	19.54	19.54	19.59	20.00

LTE B66-State 15 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.54	**17.76**	17.67	18.00
		MID	QPSK	17.20	17.62	17.31	18.00
		HIGH	QPSK	17.50	17.51	17.30	18.00
	3	LOW	QPSK	17.81	**17.83**	17.45	18.00
		MID	QPSK	17.73	17.57	17.51	18.00
		HIGH	QPSK	17.61	17.68	17.44	18.00
	6	LOW	QPSK	17.64	**17.78**	17.58	18.00
1.4	1	LOW	Q16	17.50	17.66	17.75	18.00
		MID	Q16	17.53	17.69	17.46	18.00
		HIGH	Q16	17.50	17.59	17.76	18.00
	3	LOW	Q16	17.59	17.34	17.83	18.00
		MID	Q16	17.77	17.58	17.77	18.00
		HIGH	Q16	17.64	17.68	17.83	18.00
	6	LOW	Q16	17.68	17.82	17.64	18.00
1.4	1	LOW	64QAM	17.63	17.67	17.92	18.00
		MID	64QAM	17.65	17.64	17.66	18.00
		HIGH	64QAM	17.95	17.78	17.62	18.00
	3	LOW	64QAM	17.52	17.61	17.81	18.00
		MID	64QAM	17.63	17.51	17.82	18.00
		HIGH	64QAM	17.71	17.63	17.60	18.00
	6	LOW	64QAM	17.80	17.68	17.72	18.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	**17.75**	17.54	17.61	18.00
		MID	QPSK	17.31	17.58	17.36	18.00
		HIGH	QPSK	17.61	17.45	17.40	18.00
	8	LOW	QPSK	**17.75**	17.65	17.67	18.00
		MID	QPSK	17.52	17.69	17.66	18.00
		HIGH	QPSK	17.50	17.59	17.62	18.00
	15	LOW	QPSK	17.55	**17.90**	17.56	18.00
3	1	LOW	Q16	17.61	17.77	17.86	18.00
		MID	Q16	17.62	17.83	17.51	18.00
		HIGH	Q16	17.52	17.68	17.65	18.00
	8	LOW	Q16	17.59	17.57	17.95	18.00
		MID	Q16	17.86	17.74	17.84	18.00
		HIGH	Q16	17.52	17.81	17.83	18.00
	15	LOW	Q16	17.82	17.84	17.61	18.00
3	1	LOW	64QAM	17.42	17.96	17.83	18.00
		MID	64QAM	17.76	17.70	17.73	18.00
		HIGH	64QAM	17.93	17.73	17.61	18.00
	8	LOW	64QAM	17.63	17.65	17.92	18.00
		MID	64QAM	17.78	17.63	17.89	18.00
		HIGH	64QAM	17.73	17.81	17.70	18.00
	15	LOW	64QAM	17.75	17.80	17.64	18.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	**17.66**	17.56	17.53	18.00
		MID	QPSK	17.37	17.44	17.25	18.00
		HIGH	QPSK	17.50	17.49	17.52	18.00
	12	LOW	QPSK	**17.82**	17.68	17.70	18.00
		MID	QPSK	17.68	17.74	17.50	18.00
		HIGH	QPSK	17.64	17.80	17.53	18.00
	25	LOW	QPSK	17.75	**17.78**	17.44	18.00
5	1	LOW	Q16	17.36	17.77	17.77	18.00
		MID	Q16	17.73	17.76	17.60	18.00
		HIGH	Q16	17.59	17.64	17.65	18.00
	12	LOW	Q16	17.63	17.35	17.90	18.00
		MID	Q16	17.97	17.53	17.86	18.00
		HIGH	Q16	17.52	17.72	17.93	18.00
	25	LOW	Q16	17.68	17.69	17.61	18.00
5	1	LOW	64QAM	17.56	17.82	17.74	18.00
		MID	64QAM	17.69	17.84	17.62	18.00
		HIGH	64QAM	17.86	17.80	17.64	18.00
	12	LOW	64QAM	17.65	17.70	17.92	18.00
		MID	64QAM	17.72	17.54	17.79	18.00
		HIGH	64QAM	17.78	17.68	17.54	18.00
	25	LOW	64QAM	17.82	17.68	17.80	18.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**17.68**	17.67	17.58	18.00
		MID	QPSK	17.34	17.42	17.36	18.00
		HIGH	QPSK	17.56	17.49	17.28	18.00
	25	LOW	QPSK	17.84	**17.86**	17.68	18.00
		MID	QPSK	17.48	17.71	17.43	18.00
		HIGH	QPSK	17.77	17.71	17.36	18.00
	50	LOW	QPSK	17.82	**17.85**	17.61	18.00
10	1	LOW	Q16	17.45	17.82	17.93	18.00
		MID	Q16	17.73	17.82	17.70	18.00
		HIGH	Q16	17.55	17.70	17.71	18.00
	25	LOW	Q16	17.68	17.48	17.90	18.00
		MID	Q16	17.97	17.77	17.75	18.00
		HIGH	Q16	17.66	17.93	17.77	18.00
	50	LOW	Q16	17.93	17.85	17.80	18.00
10	1	LOW	64QAM	17.40	17.89	17.80	18.00
		MID	64QAM	17.71	17.89	17.84	18.00
		HIGH	64QAM	17.75	17.64	17.62	18.00
	25	LOW	64QAM	17.68	17.82	17.93	18.00
		MID	64QAM	17.54	17.58	17.82	18.00
		HIGH	64QAM	17.80	17.68	17.76	18.00
	50	LOW	64QAM	17.73	17.70	17.88	18.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.66	17.54	**17.74**	18.00
		MID	QPSK	17.32	17.37	17.36	18.00
		HIGH	QPSK	17.50	17.44	17.54	18.00
	36	LOW	QPSK	**17.73**	17.68	17.52	18.00
		MID	QPSK	17.69	17.57	17.67	18.00
		HIGH	QPSK	17.50	17.61	17.46	18.00
	75	LOW	QPSK	17.66	**17.87**	17.65	18.00
15	1	LOW	Q16	17.35	17.91	17.91	18.00
		MID	Q16	17.73	17.76	17.58	18.00
		HIGH	Q16	17.68	17.64	17.80	18.00
	36	LOW	Q16	17.75	17.46	17.90	18.00
		MID	Q16	17.77	17.76	17.70	18.00
		HIGH	Q16	17.66	17.91	17.72	18.00
	75	LOW	Q16	17.80	17.78	17.69	18.00
15	1	LOW	64QAM	17.49	17.71	17.78	18.00
		MID	64QAM	17.56	17.64	17.79	18.00
		HIGH	64QAM	17.84	17.64	17.78	18.00
	36	LOW	64QAM	17.72	17.79	17.99	18.00
		MID	64QAM	17.72	17.52	17.98	18.00
		HIGH	64QAM	17.68	17.88	17.65	18.00
	75	LOW	64QAM	17.78	17.77	17.64	18.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.68	**17.72**	17.65	18.00
		MID	QPSK	17.34	17.53	17.34	18.00
		HIGH	QPSK	17.54	17.63	17.47	18.00
	50	LOW	QPSK	17.77	**17.79**	17.63	18.00
		MID	QPSK	17.64	17.69	17.62	18.00
		HIGH	QPSK	17.68	17.75	17.55	18.00
	100	LOW	QPSK	17.73	**17.83**	17.63	18.00
20	1	LOW	Q16	17.54	17.84	17.93	18.00
		MID	Q16	17.73	17.87	17.65	18.00
		HIGH	Q16	17.66	17.68	17.76	18.00
	50	LOW	Q16	17.75	17.53	17.99	18.00
		MID	Q16	17.90	17.72	17.84	18.00
		HIGH	Q16	17.66	17.86	17.88	18.00
	100	LOW	Q16	17.84	17.89	17.73	18.00
20	1	LOW	64QAM	17.56	17.87	17.87	18.00
		MID	64QAM	17.76	17.82	17.77	18.00
		HIGH	64QAM	17.86	17.80	17.73	18.00
	50	LOW	64QAM	17.70	17.77	17.97	18.00
		MID	64QAM	17.74	17.63	17.93	18.00
		HIGH	64QAM	17.73	17.79	17.74	18.00
	100	LOW	64QAM	17.82	17.84	17.84	18.00

LTE B66-State 17 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.51	**16.70**	16.58	17.00
		MID	QPSK	16.58	16.40	16.36	17.00
		HIGH	QPSK	16.37	16.65	16.42	17.00
	3	LOW	QPSK	16.63	**16.69**	16.46	17.00
		MID	QPSK	16.43	16.38	16.43	17.00
		HIGH	QPSK	16.49	**16.69**	16.52	17.00
	6	LOW	QPSK	16.86	16.88	**16.90**	17.00
1.4	1	LOW	Q16	16.38	16.38	16.34	17.00
		MID	Q16	16.43	16.41	16.41	17.00
		HIGH	Q16	16.38	16.40	16.42	17.00
	3	LOW	Q16	16.61	16.51	16.38	17.00
		MID	Q16	16.37	16.46	16.32	17.00
		HIGH	Q16	16.38	16.69	16.38	17.00
	6	LOW	Q16	16.81	16.62	16.81	17.00
1.4	1	LOW	64QAM	16.38	16.65	16.27	17.00
		MID	64QAM	16.54	16.44	16.28	17.00
		HIGH	64QAM	16.60	16.55	16.60	17.00
	3	LOW	64QAM	16.60	16.62	16.48	17.00
		MID	64QAM	16.24	16.71	16.42	17.00
		HIGH	64QAM	16.21	16.55	16.37	17.00
	6	LOW	64QAM	16.76	16.96	16.84	17.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	16.45	16.71	16.58	17.00
		MID	QPSK	16.68	16.63	16.31	17.00
		HIGH	QPSK	16.34	**16.73**	16.42	17.00
	8	LOW	QPSK	16.41	16.63	**16.66**	17.00
		MID	QPSK	16.45	16.37	16.63	17.00
		HIGH	QPSK	16.57	16.50	16.60	17.00
	15	LOW	QPSK	**16.89**	16.79	16.85	17.00
3	1	LOW	Q16	16.38	16.55	16.45	17.00
		MID	Q16	16.38	16.33	16.43	17.00
		HIGH	Q16	16.37	16.43	16.44	17.00
	8	LOW	Q16	16.39	16.56	16.42	17.00
		MID	Q16	16.39	16.46	16.55	17.00
		HIGH	Q16	16.49	16.62	16.47	17.00
	15	LOW	Q16	16.77	16.74	16.88	17.00
3	1	LOW	64QAM	16.36	16.47	16.17	17.00
		MID	64QAM	16.62	16.41	16.45	17.00
		HIGH	64QAM	16.45	16.43	16.49	17.00
	8	LOW	64QAM	16.38	16.59	16.61	17.00
		MID	64QAM	16.31	16.55	16.27	17.00
		HIGH	64QAM	16.34	16.47	16.58	17.00
	15	LOW	64QAM	16.86	16.81	16.84	17.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	**16.65**	16.61	16.42	17.00
		MID	QPSK	16.63	**16.65**	16.38	17.00
		HIGH	QPSK	16.50	16.62	16.48	17.00
	12	LOW	QPSK	16.56	**16.74**	16.63	17.00
		MID	QPSK	16.37	16.55	16.47	17.00
		HIGH	QPSK	16.49	16.47	16.39	17.00
	25	LOW	QPSK	16.87	16.74	**16.95**	17.00
5	1	LOW	Q16	16.46	16.51	16.59	17.00
		MID	Q16	16.43	16.36	16.43	17.00
		HIGH	Q16	16.48	16.40	16.49	17.00
	12	LOW	Q16	16.53	16.37	16.25	17.00
		MID	Q16	16.47	16.50	16.55	17.00
		HIGH	Q16	16.58	16.46	16.47	17.00
	25	LOW	Q16	16.74	16.76	16.98	17.00
5	1	LOW	64QAM	16.43	16.72	16.40	17.00
		MID	64QAM	16.62	16.44	16.46	17.00
		HIGH	64QAM	16.53	16.58	16.34	17.00
	12	LOW	64QAM	16.60	16.51	16.56	17.00
		MID	64QAM	16.49	16.63	16.22	17.00
		HIGH	64QAM	16.34	16.48	16.53	17.00
	25	LOW	64QAM	16.76	16.81	16.76	17.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	16.45	**16.75**	16.47	17.00
		MID	QPSK	16.73	16.51	16.28	17.00
		HIGH	QPSK	16.52	16.72	16.50	17.00
	25	LOW	QPSK	16.43	16.59	16.53	17.00
		MID	QPSK	16.60	16.38	16.55	17.00
		HIGH	QPSK	16.41	**16.67**	16.35	17.00
	50	LOW	QPSK	**16.97**	16.96	16.83	17.00
10	1	LOW	Q16	16.35	16.45	16.49	17.00
		MID	Q16	16.40	16.51	16.33	17.00
		HIGH	Q16	16.37	16.37	16.40	17.00
	25	LOW	Q16	16.61	16.54	16.37	17.00
		MID	Q16	16.49	16.53	16.34	17.00
		HIGH	Q16	16.46	16.72	16.47	17.00
	50	LOW	Q16	16.96	16.82	16.98	17.00
10	1	LOW	64QAM	16.38	16.73	16.17	17.00
		MID	64QAM	16.52	16.46	16.35	17.00
		HIGH	64QAM	16.60	16.47	16.60	17.00
	25	LOW	64QAM	16.38	16.72	16.61	17.00
		MID	64QAM	16.29	16.48	16.47	17.00
		HIGH	64QAM	16.43	16.62	16.38	17.00
	50	LOW	64QAM	16.79	16.98	16.71	17.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	16.60	16.50	16.32	17.00
		MID	QPSK	16.63	**16.65**	16.31	17.00
		HIGH	QPSK	16.54	16.50	16.58	17.00
	36	LOW	QPSK	16.50	**16.74**	16.58	17.00
		MID	QPSK	16.48	16.43	16.53	17.00
		HIGH	QPSK	16.39	16.50	16.37	17.00
	75	LOW	QPSK	16.91	**16.99**	16.93	17.00
15	1	LOW	Q16	16.40	16.55	16.37	17.00
		MID	Q16	16.60	16.53	16.23	17.00
		HIGH	Q16	16.40	16.55	16.55	17.00
	36	LOW	Q16	16.58	16.36	16.24	17.00
		MID	Q16	16.44	16.46	16.57	17.00
		HIGH	Q16	16.63	16.69	16.37	17.00
	75	LOW	Q16	16.99	16.67	16.91	17.00
15	1	LOW	64QAM	16.49	16.58	16.24	17.00
		MID	64QAM	16.60	16.54	16.36	17.00
		HIGH	64QAM	16.53	16.50	16.34	17.00
	36	LOW	64QAM	16.38	16.76	16.49	17.00
		MID	64QAM	16.26	16.66	16.29	17.00
		HIGH	64QAM	16.38	16.42	16.58	17.00
	75	LOW	64QAM	16.71	16.91	16.84	17.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	16.58	**16.68**	16.50	17.00
		MID	QPSK	16.65	16.58	16.46	17.00
		HIGH	QPSK	16.47	16.65	16.55	17.00
	50	LOW	QPSK	16.58	**16.66**	16.58	17.00
		MID	QPSK	16.55	16.55	16.55	17.00
		HIGH	QPSK	16.49	16.62	16.52	17.00
	100	LOW	QPSK	**16.99**	16.91	16.98	17.00
20	1	LOW	Q16	16.53	16.53	16.52	17.00
		MID	Q16	16.55	16.48	16.38	17.00
		HIGH	Q16	16.40	16.55	16.47	17.00
	50	LOW	Q16	16.56	16.54	16.40	17.00
		MID	Q16	16.47	16.63	16.50	17.00
		HIGH	Q16	16.56	16.64	16.45	17.00
	100	LOW	Q16	16.91	16.74	16.98	17.00
20	1	LOW	64QAM	16.46	16.65	16.32	17.00
		MID	64QAM	16.62	16.51	16.38	17.00
		HIGH	64QAM	16.55	16.50	16.52	17.00
	50	LOW	64QAM	16.55	16.69	16.66	17.00
		MID	64QAM	16.42	16.63	16.40	17.00
		HIGH	64QAM	16.36	16.60	16.50	17.00
	100	LOW	64QAM	16.86	16.93	16.86	17.00

LTE B66-State 19 -Ant.0(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	17.54	**17.76**	17.67	18.00
		MID	QPSK	17.20	17.62	17.31	18.00
		HIGH	QPSK	17.50	17.51	17.30	18.00
	3	LOW	QPSK	17.81	**17.83**	17.45	18.00
		MID	QPSK	17.73	17.57	17.51	18.00
		HIGH	QPSK	17.61	17.68	17.44	18.00
	6	LOW	QPSK	17.64	**17.78**	17.58	18.00
1.4	1	LOW	Q16	17.50	17.66	17.75	18.00
		MID	Q16	17.53	17.69	17.46	18.00
		HIGH	Q16	17.50	17.59	17.76	18.00
	3	LOW	Q16	17.59	17.34	17.83	18.00
		MID	Q16	17.77	17.58	17.77	18.00
		HIGH	Q16	17.64	17.68	17.83	18.00
	6	LOW	Q16	17.68	17.82	17.64	18.00
1.4	1	LOW	64QAM	17.63	17.67	17.92	18.00
		MID	64QAM	17.65	17.64	17.66	18.00
		HIGH	64QAM	17.95	17.78	17.62	18.00
	3	LOW	64QAM	17.52	17.61	17.81	18.00
		MID	64QAM	17.63	17.51	17.82	18.00
		HIGH	64QAM	17.71	17.63	17.60	18.00
	6	LOW	64QAM	17.80	17.68	17.72	18.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	**17.75**	17.54	17.61	18.00
		MID	QPSK	17.31	17.58	17.36	18.00
		HIGH	QPSK	17.61	17.45	17.40	18.00
	8	LOW	QPSK	**17.75**	17.65	17.67	18.00
		MID	QPSK	17.52	17.69	17.66	18.00
		HIGH	QPSK	17.50	17.59	17.62	18.00
	15	LOW	QPSK	17.55	**17.90**	17.56	18.00
3	1	LOW	Q16	17.61	17.77	17.86	18.00
		MID	Q16	17.62	17.83	17.51	18.00
		HIGH	Q16	17.52	17.68	17.65	18.00
	8	LOW	Q16	17.59	17.57	17.95	18.00
		MID	Q16	17.86	17.74	17.84	18.00
		HIGH	Q16	17.52	17.81	17.83	18.00
	15	LOW	Q16	17.82	17.84	17.61	18.00
3	1	LOW	64QAM	17.42	17.96	17.83	18.00
		MID	64QAM	17.76	17.70	17.73	18.00
		HIGH	64QAM	17.93	17.73	17.61	18.00
	8	LOW	64QAM	17.63	17.65	17.92	18.00
		MID	64QAM	17.78	17.63	17.89	18.00
		HIGH	64QAM	17.73	17.81	17.70	18.00
	15	LOW	64QAM	17.75	17.80	17.64	18.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	**17.66**	17.56	17.53	18.00
		MID	QPSK	17.37	17.44	17.25	18.00
		HIGH	QPSK	17.50	17.49	17.52	18.00
	12	LOW	QPSK	**17.82**	17.68	17.70	18.00
		MID	QPSK	17.68	17.74	17.50	18.00
		HIGH	QPSK	17.64	17.80	17.53	18.00
	25	LOW	QPSK	17.75	**17.78**	17.44	18.00
5	1	LOW	Q16	17.36	17.77	17.77	18.00
		MID	Q16	17.73	17.76	17.60	18.00
		HIGH	Q16	17.59	17.64	17.65	18.00
	12	LOW	Q16	17.63	17.35	17.90	18.00
		MID	Q16	17.97	17.53	17.86	18.00
		HIGH	Q16	17.52	17.72	17.93	18.00
	25	LOW	Q16	17.68	17.69	17.61	18.00
5	1	LOW	64QAM	17.56	17.82	17.74	18.00
		MID	64QAM	17.69	17.84	17.62	18.00
		HIGH	64QAM	17.86	17.80	17.64	18.00
	12	LOW	64QAM	17.65	17.70	17.92	18.00
		MID	64QAM	17.72	17.54	17.79	18.00
		HIGH	64QAM	17.78	17.68	17.54	18.00
	25	LOW	64QAM	17.82	17.68	17.80	18.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	**17.68**	17.67	17.58	18.00
		MID	QPSK	17.34	17.42	17.36	18.00
		HIGH	QPSK	17.56	17.49	17.28	18.00
	25	LOW	QPSK	17.84	**17.86**	17.68	18.00
		MID	QPSK	17.48	17.71	17.43	18.00
		HIGH	QPSK	17.77	17.71	17.36	18.00
	50	LOW	QPSK	17.82	**17.85**	17.61	18.00
10	1	LOW	Q16	17.45	17.82	17.93	18.00
		MID	Q16	17.73	17.82	17.70	18.00
		HIGH	Q16	17.55	17.70	17.71	18.00
	25	LOW	Q16	17.68	17.48	17.90	18.00
		MID	Q16	17.97	17.77	17.75	18.00
		HIGH	Q16	17.66	17.93	17.77	18.00
	50	LOW	Q16	17.93	17.85	17.80	18.00
10	1	LOW	64QAM	17.40	17.89	17.80	18.00
		MID	64QAM	17.71	17.89	17.84	18.00
		HIGH	64QAM	17.75	17.64	17.62	18.00
	25	LOW	64QAM	17.68	17.82	17.93	18.00
		MID	64QAM	17.54	17.58	17.82	18.00
		HIGH	64QAM	17.80	17.68	17.76	18.00
	50	LOW	64QAM	17.73	17.70	17.88	18.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	17.66	17.54	**17.74**	18.00
		MID	QPSK	17.32	17.37	17.36	18.00
		HIGH	QPSK	17.50	17.44	17.54	18.00
	36	LOW	QPSK	**17.73**	17.68	17.52	18.00
		MID	QPSK	17.69	17.57	17.67	18.00
		HIGH	QPSK	17.50	17.61	17.46	18.00
	75	LOW	QPSK	17.66	**17.87**	17.65	18.00
15	1	LOW	Q16	17.35	17.91	17.91	18.00
		MID	Q16	17.73	17.76	17.58	18.00
		HIGH	Q16	17.68	17.64	17.80	18.00
	36	LOW	Q16	17.75	17.46	17.90	18.00
		MID	Q16	17.77	17.76	17.70	18.00
		HIGH	Q16	17.66	17.91	17.72	18.00
	75	LOW	Q16	17.80	17.78	17.69	18.00
15	1	LOW	64QAM	17.49	17.71	17.78	18.00
		MID	64QAM	17.56	17.64	17.79	18.00
		HIGH	64QAM	17.84	17.64	17.78	18.00
	36	LOW	64QAM	17.72	17.79	17.99	18.00
		MID	64QAM	17.72	17.52	17.98	18.00
		HIGH	64QAM	17.68	17.88	17.65	18.00
	75	LOW	64QAM	17.78	17.77	17.64	18.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	17.68	**17.72**	17.65	18.00
		MID	QPSK	17.34	17.53	17.34	18.00
		HIGH	QPSK	17.54	17.63	17.47	18.00
	50	LOW	QPSK	17.77	**17.79**	17.63	18.00
		MID	QPSK	17.64	17.69	17.62	18.00
		HIGH	QPSK	17.68	17.75	17.55	18.00
	100	LOW	QPSK	17.73	**17.83**	17.63	18.00
20	1	LOW	Q16	17.54	17.84	17.93	18.00
		MID	Q16	17.73	17.87	17.65	18.00
		HIGH	Q16	17.66	17.68	17.76	18.00
	50	LOW	Q16	17.75	17.53	17.99	18.00
		MID	Q16	17.90	17.72	17.84	18.00
		HIGH	Q16	17.66	17.86	17.88	18.00
	100	LOW	Q16	17.84	17.89	17.73	18.00
20	1	LOW	64QAM	17.56	17.87	17.87	18.00
		MID	64QAM	17.76	17.82	17.77	18.00
		HIGH	64QAM	17.86	17.80	17.73	18.00
	50	LOW	64QAM	17.70	17.77	17.97	18.00
		MID	64QAM	17.74	17.63	17.93	18.00
		HIGH	64QAM	17.73	17.79	17.74	18.00
	100	LOW	64QAM	17.82	17.84	17.84	18.00

LTE B66-State 12 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	23.00
		MID	QPSK	21.15	21.03	21.11	23.00
		HIGH	QPSK	21.18	21.10	21.23	23.00
	3	LOW	QPSK	21.11	21.21	21.15	23.00
		MID	QPSK	21.20	21.22	21.09	23.00
		HIGH	QPSK	21.03	21.09	21.16	23.00
	6	LOW	QPSK	21.30	21.13	21.16	23.00
1.4	1	LOW	Q16	21.29	21.08	21.43	23.00
		MID	Q16	21.24	21.27	21.07	23.00
		HIGH	Q16	21.11	21.13	21.40	23.00
	3	LOW	Q16	21.21	21.04	21.52	23.00
		MID	Q16	21.10	21.17	21.24	23.00
		HIGH	Q16	21.32	21.34	21.25	23.00
	6	LOW	Q16	20.57	20.22	20.38	22.00
1.4	1	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
	6	LOW	64QAM	19.69	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	23.00
		MID	QPSK	21.11	21.15	21.11	23.00
		HIGH	QPSK	21.21	21.06	21.00	23.00
	8	LOW	QPSK	21.19	21.23	21.01	23.00
		MID	QPSK	21.09	21.26	21.17	23.00
		HIGH	QPSK	21.15	21.02	21.10	23.00
	15	LOW	QPSK	21.08	21.00	21.09	23.00
3	1	LOW	Q16	21.12	21.09	21.54	23.00
		MID	Q16	21.12	21.25	21.35	23.00
		HIGH	Q16	21.16	21.07	21.42	23.00
	8	LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
		HIGH	Q16	20.11	20.69	20.28	22.00
	15	LOW	Q16	20.57	20.28	20.65	22.00
3	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
	15	LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	23.00
		MID	QPSK	21.15	21.16	21.03	23.00
		HIGH	QPSK	21.02	21.14	21.04	23.00
	12	LOW	QPSK	21.06	21.29	21.15	23.00
		MID	QPSK	21.09	21.01	21.13	23.00
		HIGH	QPSK	21.18	21.19	21.16	23.00
	25	LOW	QPSK	21.08	21.12	21.17	23.00
5	1	LOW	Q16	21.19	21.08	21.37	23.00
		MID	Q16	21.27	21.32	21.28	23.00
		HIGH	Q16	21.07	21.09	21.19	23.00
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	23.00
		MID	QPSK	21.14	21.05	21.16	23.00
		HIGH	QPSK	21.02	21.09	21.23	23.00
	25	LOW	QPSK	21.00	21.10	21.14	23.00
		MID	QPSK	21.14	21.20	21.21	23.00
		HIGH	QPSK	21.09	21.21	21.19	23.00
	50	LOW	QPSK	21.11	21.19	21.13	23.00
10	1	LOW	Q16	21.29	21.01	21.24	23.00
		MID	Q16	21.08	21.47	21.07	23.00
		HIGH	Q16	21.16	21.17	21.49	23.00
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	23.00
		MID	QPSK	21.04	21.01	21.04	23.00
		HIGH	QPSK	21.23	21.06	21.25	23.00
	36	LOW	QPSK	21.04	21.06	21.12	23.00
		MID	QPSK	21.10	21.33	21.21	23.00
		HIGH	QPSK	21.03	21.12	21.14	23.00
	75	LOW	QPSK	21.21	21.07	21.09	23.00
15	1	LOW	Q16	21.14	21.06	21.47	23.00
		MID	Q16	21.14	21.42	21.35	23.00
		HIGH	Q16	21.28	21.21	21.29	23.00
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	**21.27**	21.15	23.00
		MID	QPSK	21.06	21.18	21.04	23.00
		HIGH	QPSK	21.21	21.12	21.19	23.00
	50	LOW	QPSK	21.17	**21.23**	21.12	23.00
		MID	QPSK	21.09	21.22	21.13	23.00
		HIGH	QPSK	21.11	21.15	21.16	23.00
	100	LOW	QPSK	**21.19**	21.01	21.13	23.00
20	1	LOW	Q16	21.25	21.04	21.43	23.00
		MID	Q16	21.16	21.36	21.26	23.00
		HIGH	Q16	21.24	21.30	21.38	23.00
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 16 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	22.50
		MID	QPSK	21.15	21.03	21.11	22.50
		HIGH	QPSK	21.18	21.10	21.23	22.50
	3	LOW	QPSK	21.11	21.21	21.15	22.50
		MID	QPSK	21.20	21.22	21.09	22.50
		HIGH	QPSK	21.03	21.09	21.16	22.50
	6	LOW	QPSK	21.30	21.13	21.16	22.50
1.4	1	LOW	Q16	21.29	21.08	21.43	22.50
		MID	Q16	21.24	21.27	21.07	22.50
		HIGH	Q16	21.11	21.13	21.40	22.50
	3	LOW	Q16	21.21	21.04	21.52	22.50
		MID	Q16	21.10	21.17	21.24	22.50
		HIGH	Q16	21.32	21.34	21.25	22.50
	6	LOW	Q16	20.57	20.22	20.38	22.00
1.4	1	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
	6	LOW	64QAM	19.69	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.50
		MID	QPSK	21.11	21.15	21.11	22.50
		HIGH	QPSK	21.21	21.06	21.00	22.50
	8	LOW	QPSK	21.19	21.23	21.01	22.50
		MID	QPSK	21.09	21.26	21.17	22.50
		HIGH	QPSK	21.15	21.02	21.10	22.50
	15	LOW	QPSK	21.08	21.00	21.09	22.50
3	1	LOW	Q16	21.12	21.09	21.54	22.50
		MID	Q16	21.12	21.25	21.35	22.50
		HIGH	Q16	21.16	21.07	21.42	22.50
	8	LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
		HIGH	Q16	20.11	20.69	20.28	22.00
	15	LOW	Q16	20.57	20.28	20.65	22.00
3	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
	15	LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	22.50
		MID	QPSK	21.15	21.16	21.03	22.50
		HIGH	QPSK	21.02	21.14	21.04	22.50
	12	LOW	QPSK	21.06	21.29	21.15	22.50
		MID	QPSK	21.09	21.01	21.13	22.50
		HIGH	QPSK	21.18	21.19	21.16	22.50
	25	LOW	QPSK	21.08	21.12	21.17	22.50
5	1	LOW	Q16	21.19	21.08	21.37	22.50
		MID	Q16	21.27	21.32	21.28	22.50
		HIGH	Q16	21.07	21.09	21.19	22.50
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.50
		MID	QPSK	21.14	21.05	21.16	22.50
		HIGH	QPSK	21.02	21.09	21.23	22.50
	25	LOW	QPSK	21.00	21.10	21.14	22.50
		MID	QPSK	21.14	21.20	21.21	22.50
		HIGH	QPSK	21.09	21.21	21.19	22.50
	50	LOW	QPSK	21.11	21.19	21.13	22.50
10	1	LOW	Q16	21.29	21.01	21.24	22.50
		MID	Q16	21.08	21.47	21.07	22.50
		HIGH	Q16	21.16	21.17	21.49	22.50
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	22.50
		MID	QPSK	21.04	21.01	21.04	22.50
		HIGH	QPSK	21.23	21.06	21.25	22.50
	36	LOW	QPSK	21.04	21.06	21.12	22.50
		MID	QPSK	21.10	21.33	21.21	22.50
		HIGH	QPSK	21.03	21.12	21.14	22.50
	75	LOW	QPSK	21.21	21.07	21.09	22.50
15	1	LOW	Q16	21.14	21.06	21.47	22.50
		MID	Q16	21.14	21.42	21.35	22.50
		HIGH	Q16	21.28	21.21	21.29	22.50
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	**21.27**	21.15	22.50
		MID	QPSK	21.06	21.18	21.04	22.50
		HIGH	QPSK	21.21	21.12	21.19	22.50
	50	LOW	QPSK	21.17	**21.23**	21.12	22.50
		MID	QPSK	21.09	21.22	21.13	22.50
		HIGH	QPSK	21.11	21.15	21.16	22.50
	100	LOW	QPSK	**21.19**	21.01	21.13	22.50
20	1	LOW	Q16	21.25	21.04	21.43	22.50
		MID	Q16	21.16	21.36	21.26	22.50
		HIGH	Q16	21.24	21.30	21.38	22.50
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 18 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	**21.38**	21.14	22.00
		MID	QPSK	21.15	21.03	21.11	22.00
		HIGH	QPSK	21.18	21.10	21.23	22.00
	3	LOW	QPSK	21.11	21.21	21.15	22.00
		MID	QPSK	21.20	**21.22**	21.09	22.00
		HIGH	QPSK	21.03	21.09	21.16	22.00
	6	LOW	QPSK	**21.30**	21.13	21.16	22.00
1.4	1	LOW	Q16	21.29	21.08	21.43	22.00
		MID	Q16	21.24	21.27	21.07	22.00
		HIGH	Q16	21.11	21.13	21.40	22.00
	3	LOW	Q16	21.21	21.04	21.52	22.00
		MID	Q16	21.10	21.17	21.24	22.00
		HIGH	Q16	21.32	21.34	21.25	22.00
	6	LOW	Q16	20.57	20.22	20.38	22.00
1.4	1	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
	6	LOW	64QAM	19.69	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.00
		MID	QPSK	21.11	21.15	21.11	22.00
		HIGH	QPSK	**21.21**	21.06	21.00	22.00
	8	LOW	QPSK	21.19	21.23	21.01	22.00
		MID	QPSK	21.09	**21.26**	21.17	22.00
		HIGH	QPSK	21.15	21.02	21.10	22.00
	15	LOW	QPSK	21.08	21.00	**21.09**	22.00
3	1	LOW	Q16	21.12	21.09	21.54	22.00
		MID	Q16	21.12	21.25	21.35	22.00
		HIGH	Q16	21.16	21.07	21.42	22.00
	8	LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
		HIGH	Q16	20.11	20.69	20.28	22.00
	15	LOW	Q16	20.57	20.28	20.65	22.00
3	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
	15	LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	**21.38**	21.17	22.00
		MID	QPSK	21.15	21.16	21.03	22.00
		HIGH	QPSK	21.02	21.14	21.04	22.00
	12	LOW	QPSK	21.06	**21.29**	21.15	22.00
		MID	QPSK	21.09	21.01	21.13	22.00
		HIGH	QPSK	21.18	21.19	21.16	22.00
	25	LOW	QPSK	21.08	21.12	**21.17**	22.00
5	1	LOW	Q16	21.19	21.08	21.37	22.00
		MID	Q16	21.27	21.32	21.28	22.00
		HIGH	Q16	21.07	21.09	21.19	22.00
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.00
		MID	QPSK	21.14	21.05	21.16	22.00
		HIGH	QPSK	21.02	21.09	**21.23**	22.00
	25	LOW	QPSK	21.00	21.10	21.14	22.00
		MID	QPSK	21.14	21.20	**21.21**	22.00
		HIGH	QPSK	21.09	**21.21**	21.19	22.00
	50	LOW	QPSK	21.11	**21.19**	21.13	22.00
10	1	LOW	Q16	21.29	21.01	21.24	22.00
		MID	Q16	21.08	21.47	21.07	22.00
		HIGH	Q16	21.16	21.17	21.49	22.00
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	**21.30**	21.06	21.17	22.00
		MID	QPSK	21.04	21.01	21.04	22.00
		HIGH	QPSK	21.23	21.06	21.25	22.00
	36	LOW	QPSK	21.04	21.06	21.12	22.00
		MID	QPSK	21.10	**21.33**	21.21	22.00
		HIGH	QPSK	21.03	21.12	21.14	22.00
	75	LOW	QPSK	**21.21**	21.07	21.09	22.00
15	1	LOW	Q16	21.14	21.06	21.47	22.00
		MID	Q16	21.14	21.42	21.35	22.00
		HIGH	Q16	21.28	21.21	21.29	22.00
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	**21.27**	21.15	22.00
		MID	QPSK	21.06	21.18	21.04	22.00
		HIGH	QPSK	21.21	21.12	21.19	22.00
	50	LOW	QPSK	21.17	**21.23**	21.12	22.00
		MID	QPSK	21.09	21.22	21.13	22.00
		HIGH	QPSK	21.11	21.15	21.16	22.00
	100	LOW	QPSK	**21.19**	21.01	21.13	22.00
20	1	LOW	Q16	21.25	21.04	21.43	22.00
		MID	Q16	21.16	21.36	21.26	22.00
		HIGH	Q16	21.24	21.30	21.38	22.00
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 20 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.09	21.38	21.14	22.50
		MID	QPSK	21.15	21.03	21.11	22.50
		HIGH	QPSK	21.18	21.10	21.23	22.50
	3	LOW	QPSK	21.11	21.21	21.15	22.50
		MID	QPSK	21.20	21.22	21.09	22.50
		HIGH	QPSK	21.03	21.09	21.16	22.50
	6	LOW	QPSK	21.30	21.13	21.16	22.50
1.4	1	LOW	Q16	21.29	21.08	21.43	22.50
		MID	Q16	21.24	21.27	21.07	22.50
		HIGH	Q16	21.11	21.13	21.40	22.50
	3	LOW	Q16	21.21	21.04	21.52	22.50
		MID	Q16	21.10	21.17	21.24	22.50
		HIGH	Q16	21.32	21.34	21.25	22.50
	6	LOW	Q16	20.57	20.22	20.38	22.00
1.4	1	LOW	64QAM	20.52	20.04	20.50	22.00
		MID	64QAM	20.58	20.05	20.36	22.00
		HIGH	64QAM	20.67	20.38	20.95	22.00
	3	LOW	64QAM	20.50	20.14	20.32	22.00
		MID	64QAM	20.64	20.19	20.38	22.00
		HIGH	64QAM	20.61	20.60	20.68	22.00
	6	LOW	64QAM	19.69	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.16	21.12	21.19	22.50
		MID	QPSK	21.11	21.15	21.11	22.50
		HIGH	QPSK	21.21	21.06	21.00	22.50
	8	LOW	QPSK	21.19	21.23	21.01	22.50
		MID	QPSK	21.09	21.26	21.17	22.50
		HIGH	QPSK	21.15	21.02	21.10	22.50
	15	LOW	QPSK	21.08	21.00	21.09	22.50
3	1	LOW	Q16	21.12	21.09	21.54	22.50
		MID	Q16	21.12	21.25	21.35	22.50
		HIGH	Q16	21.16	21.07	21.42	22.50
	8	LOW	Q16	20.50	20.56	20.56	22.00
		MID	Q16	20.74	20.33	20.53	22.00
		HIGH	Q16	20.11	20.69	20.28	22.00
	15	LOW	Q16	20.57	20.28	20.65	22.00
3	1	LOW	64QAM	20.56	20.28	20.40	22.00
		MID	64QAM	20.47	20.25	20.30	22.00
		HIGH	64QAM	20.63	20.27	20.62	22.00
	8	LOW	64QAM	19.42	19.86	19.44	21.00
		MID	64QAM	19.58	19.63	19.78	21.00
		HIGH	64QAM	19.53	19.51	19.85	21.00
	15	LOW	64QAM	19.47	19.85	19.63	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.20	21.38	21.17	22.50
		MID	QPSK	21.15	21.16	21.03	22.50
		HIGH	QPSK	21.02	21.14	21.04	22.50
	12	LOW	QPSK	21.06	21.29	21.15	22.50
		MID	QPSK	21.09	21.01	21.13	22.50
		HIGH	QPSK	21.18	21.19	21.16	22.50
	25	LOW	QPSK	21.08	21.12	21.17	22.50
5	1	LOW	Q16	21.19	21.08	21.37	22.50
		MID	Q16	21.27	21.32	21.28	22.50
		HIGH	Q16	21.07	21.09	21.19	22.50
	12	LOW	Q16	20.50	20.66	20.68	22.00
		MID	Q16	20.64	20.19	20.41	22.00
		HIGH	Q16	20.33	20.46	20.49	22.00
	25	LOW	Q16	20.57	20.46	20.36	22.00
5	1	LOW	64QAM	20.54	20.30	20.36	22.00
		MID	64QAM	20.66	20.25	20.16	22.00
		HIGH	64QAM	20.71	20.30	20.83	22.00
	12	LOW	64QAM	19.52	19.60	19.48	21.00
		MID	64QAM	19.42	19.69	19.74	21.00
		HIGH	64QAM	19.69	19.49	19.89	21.00
	25	LOW	64QAM	19.49	19.79	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.07	21.21	21.02	22.50
		MID	QPSK	21.14	21.05	21.16	22.50
		HIGH	QPSK	21.02	21.09	21.23	22.50
	25	LOW	QPSK	21.00	21.10	21.14	22.50
		MID	QPSK	21.14	21.20	21.21	22.50
		HIGH	QPSK	21.09	21.21	21.19	22.50
	50	LOW	QPSK	21.11	21.19	21.13	22.50
10	1	LOW	Q16	21.29	21.01	21.24	22.50
		MID	Q16	21.08	21.47	21.07	22.50
		HIGH	Q16	21.16	21.17	21.49	22.50
	25	LOW	Q16	20.41	20.56	20.54	22.00
		MID	Q16	20.45	20.27	20.47	22.00
		HIGH	Q16	20.31	20.46	20.33	22.00
	50	LOW	Q16	20.53	20.50	20.49	22.00
10	1	LOW	64QAM	20.52	20.06	20.50	22.00
		MID	64QAM	20.45	20.11	20.22	22.00
		HIGH	64QAM	20.61	20.34	20.89	22.00
	25	LOW	64QAM	19.62	19.76	19.44	21.00
		MID	64QAM	19.54	19.67	19.78	21.00
		HIGH	64QAM	19.53	19.65	20.01	21.00
	50	LOW	64QAM	19.69	19.77	19.77	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.30	21.06	21.17	22.50
		MID	QPSK	21.04	21.01	21.04	22.50
		HIGH	QPSK	21.23	21.06	21.25	22.50
	36	LOW	QPSK	21.04	21.06	21.12	22.50
		MID	QPSK	21.10	21.33	21.21	22.50
		HIGH	QPSK	21.03	21.12	21.14	22.50
	75	LOW	QPSK	21.21	21.07	21.09	22.50
15	1	LOW	Q16	21.14	21.06	21.47	22.50
		MID	Q16	21.14	21.42	21.35	22.50
		HIGH	Q16	21.28	21.21	21.29	22.50
	36	LOW	Q16	20.64	20.62	20.45	22.00
		MID	Q16	20.51	20.27	20.41	22.00
		HIGH	Q16	20.19	20.44	20.28	22.00
	75	LOW	Q16	20.40	20.46	20.43	22.00
15	1	LOW	64QAM	20.32	20.10	20.34	22.00
		MID	64QAM	20.58	20.37	20.32	22.00
		HIGH	64QAM	20.40	20.27	20.75	22.00
	36	LOW	64QAM	19.44	19.64	19.62	21.00
		MID	64QAM	19.36	19.39	19.76	21.00
		HIGH	64QAM	19.77	19.49	19.71	21.00
	75	LOW	64QAM	19.69	20.05	19.85	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.22	**21.27**	21.15	22.50
		MID	QPSK	21.06	21.18	21.04	22.50
		HIGH	QPSK	21.21	21.12	21.19	22.50
	50	LOW	QPSK	21.17	**21.23**	21.12	22.50
		MID	QPSK	21.09	21.22	21.13	22.50
		HIGH	QPSK	21.11	21.15	21.16	22.50
	100	LOW	QPSK	**21.19**	21.01	21.13	22.50
20	1	LOW	Q16	21.25	21.04	21.43	22.50
		MID	Q16	21.16	21.36	21.26	22.50
		HIGH	Q16	21.24	21.30	21.38	22.50
	50	LOW	Q16	20.62	20.56	20.68	22.00
		MID	Q16	20.68	20.39	20.47	22.00
		HIGH	Q16	20.27	20.63	20.51	22.00
	100	LOW	Q16	20.59	20.44	20.57	22.00
20	1	LOW	64QAM	20.50	20.22	20.50	22.00
		MID	64QAM	20.66	20.27	20.30	22.00
		HIGH	64QAM	20.61	20.50	20.85	22.00
	50	LOW	64QAM	19.56	19.76	19.66	21.00
		MID	64QAM	19.54	19.61	19.72	21.00
		HIGH	64QAM	19.69	19.65	19.93	21.00
	100	LOW	64QAM	19.59	19.95	19.75	21.00

LTE B66-State 11-Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	**22.22**	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	**22.38**	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
	6	LOW	QPSK	**21.65**	21.53	21.48	23.00
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
	6	LOW	Q16	20.38	20.71	20.47	22.00
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	6	LOW	64QAM	19.83	19.77	19.63	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	**22.38**	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	**21.29**	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
	15	LOW	QPSK	21.44	**21.51**	21.46	23.00
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
	15	LOW	Q16	20.67	20.67	20.53	22.00
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
	15	LOW	64QAM	19.77	19.75	19.79	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	**22.45**	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	**21.38**	21.19	21.03	23.00
	25	LOW	QPSK	21.46	**21.75**	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	**22.41**	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	**21.42**	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	**21.77**	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	**22.37**	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	**21.37**	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	**21.65**	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	**22.34**	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	**21.33**	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	**21.68**	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 15 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	**22.22**	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	**22.38**	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
	6	LOW	QPSK	**21.65**	21.53	21.48	23.00
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
	6	LOW	Q16	20.38	20.71	20.47	22.00
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	6	LOW	64QAM	19.83	19.77	19.63	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	**22.38**	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	**21.29**	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
	15	LOW	QPSK	21.44	**21.51**	21.46	23.00
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
	15	LOW	Q16	20.67	20.67	20.53	22.00
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
	15	LOW	64QAM	19.77	19.75	19.79	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	**22.45**	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	**21.38**	21.19	21.03	23.00
	25	LOW	QPSK	21.46	**21.75**	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	**22.41**	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	**21.42**	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	**21.77**	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	**22.37**	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	**21.37**	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	**21.65**	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	**22.34**	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	**21.33**	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	**21.68**	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 17 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	**22.22**	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	**22.38**	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
	6	LOW	QPSK	**21.65**	21.53	21.48	23.00
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
	6	LOW	Q16	20.38	20.71	20.47	22.00
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	6	LOW	64QAM	19.83	19.77	19.63	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	**22.38**	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	**21.29**	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
	15	LOW	QPSK	21.44	**21.51**	21.46	23.00
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
	15	LOW	Q16	20.67	20.67	20.53	22.00
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
	15	LOW	64QAM	19.77	19.75	19.79	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	**22.45**	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	**21.38**	21.19	21.03	23.00
	25	LOW	QPSK	21.46	**21.75**	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	**22.41**	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	**21.42**	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	**21.77**	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	**22.37**	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	**21.37**	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	**21.65**	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	**22.34**	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	**21.33**	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	**21.68**	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 19 -Ant.3(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.13	22.03	**22.22**	24.00
		MID	QPSK	22.09	22.21	22.07	24.00
		HIGH	QPSK	22.21	22.14	22.17	24.00
	3	LOW	QPSK	22.13	22.23	22.33	24.00
		MID	QPSK	22.12	**22.38**	22.21	24.00
		HIGH	QPSK	22.03	22.01	22.28	24.00
	6	LOW	QPSK	**21.65**	21.53	21.48	23.00
1.4	1	LOW	Q16	21.47	21.27	21.53	23.00
		MID	Q16	21.17	21.17	21.32	23.00
		HIGH	Q16	21.31	21.24	21.43	23.00
	3	LOW	Q16	21.51	21.16	21.47	23.00
		MID	Q16	21.23	21.17	21.36	23.00
		HIGH	Q16	21.46	21.07	21.34	23.00
	6	LOW	Q16	20.38	20.71	20.47	22.00
1.4	1	LOW	64QAM	20.44	20.30	20.60	22.00
		MID	64QAM	20.37	20.45	20.44	22.00
		HIGH	64QAM	20.75	20.56	20.52	22.00
	3	LOW	64QAM	20.64	20.38	20.66	22.00
		MID	64QAM	20.58	20.43	20.58	22.00
		HIGH	64QAM	20.50	20.36	20.54	22.00
	6	LOW	64QAM	19.83	19.77	19.63	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.09	22.12	22.24	24.00
		MID	QPSK	22.34	**22.38**	22.28	24.00
		HIGH	QPSK	22.03	22.06	22.19	24.00
	8	LOW	QPSK	21.07	21.06	21.17	23.00
		MID	QPSK	21.13	**21.29**	21.04	23.00
		HIGH	QPSK	21.08	21.16	21.12	23.00
	15	LOW	QPSK	21.44	**21.51**	21.46	23.00
3	1	LOW	Q16	21.55	21.14	21.60	23.00
		MID	Q16	21.45	21.09	21.39	23.00
		HIGH	Q16	21.16	21.24	21.28	23.00
	8	LOW	Q16	20.57	20.72	20.49	22.00
		MID	Q16	20.56	20.31	20.47	22.00
		HIGH	Q16	20.24	20.63	20.63	22.00
	15	LOW	Q16	20.67	20.67	20.53	22.00
3	1	LOW	64QAM	20.58	20.38	20.58	22.00
		MID	64QAM	20.66	20.31	20.30	22.00
		HIGH	64QAM	20.77	20.25	20.52	22.00
	8	LOW	64QAM	19.42	19.92	19.94	21.00
		MID	64QAM	19.56	19.55	19.70	21.00
		HIGH	64QAM	19.71	19.79	19.91	21.00
	15	LOW	64QAM	19.77	19.75	19.79	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.20	22.32	22.26	24.00
		MID	QPSK	22.34	**22.45**	22.16	24.00
		HIGH	QPSK	22.26	22.19	22.01	24.00
	12	LOW	QPSK	21.15	21.23	21.19	23.00
		MID	QPSK	21.26	21.31	21.27	23.00
		HIGH	QPSK	**21.38**	21.19	21.03	23.00
	25	LOW	QPSK	21.46	**21.75**	21.72	23.00
5	1	LOW	Q16	21.28	21.12	21.32	23.00
		MID	Q16	21.25	21.43	21.32	23.00
		HIGH	Q16	21.34	21.19	21.36	23.00
	12	LOW	Q16	20.49	20.60	20.60	22.00
		MID	Q16	20.70	20.29	20.66	22.00
		HIGH	Q16	20.29	20.45	20.49	22.00
	25	LOW	Q16	20.65	20.42	20.53	22.00
5	1	LOW	64QAM	20.42	20.10	20.58	22.00
		MID	64QAM	20.50	20.33	20.44	22.00
		HIGH	64QAM	20.71	20.44	20.69	22.00
	12	LOW	64QAM	19.46	19.88	19.88	21.00
		MID	64QAM	19.33	19.49	19.52	21.00
		HIGH	64QAM	19.73	19.65	19.65	21.00
	25	LOW	64QAM	19.57	19.81	19.75	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	22.17	22.26	24.00
		MID	QPSK	22.16	22.14	**22.41**	24.00
		HIGH	QPSK	22.23	22.10	22.13	24.00
	25	LOW	QPSK	21.26	21.04	21.06	23.00
		MID	QPSK	21.28	**21.42**	21.25	23.00
		HIGH	QPSK	21.12	21.02	21.19	23.00
	50	LOW	QPSK	21.67	**21.77**	21.57	23.00
10	1	LOW	Q16	21.32	21.16	21.34	23.00
		MID	Q16	21.32	21.21	21.36	23.00
		HIGH	Q16	21.46	21.37	21.25	23.00
	25	LOW	Q16	20.76	20.58	20.58	22.00
		MID	Q16	20.54	20.39	20.70	22.00
		HIGH	Q16	20.29	20.47	20.45	22.00
	50	LOW	Q16	20.49	20.57	20.47	22.00
10	1	LOW	64QAM	20.60	20.36	20.44	22.00
		MID	64QAM	20.37	20.49	20.38	22.00
		HIGH	64QAM	20.54	20.50	20.75	22.00
	25	LOW	64QAM	19.52	19.84	19.72	21.00
		MID	64QAM	19.44	19.41	19.72	21.00
		HIGH	64QAM	19.57	19.73	19.87	21.00
	50	LOW	64QAM	19.61	19.95	19.93	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.13	22.14	**22.37**	24.00
		MID	QPSK	22.09	22.12	22.30	24.00
		HIGH	QPSK	22.15	22.01	22.15	24.00
	36	LOW	QPSK	21.24	21.25	21.10	23.00
		MID	QPSK	21.28	**21.37**	21.19	23.00
		HIGH	QPSK	21.06	21.14	21.03	23.00
	75	LOW	QPSK	**21.65**	21.53	21.63	23.00
15	1	LOW	Q16	21.32	21.27	21.32	23.00
		MID	Q16	21.36	21.41	21.39	23.00
		HIGH	Q16	21.21	21.39	21.55	23.00
	36	LOW	Q16	20.74	20.62	20.54	22.00
		MID	Q16	20.60	20.43	20.50	22.00
		HIGH	Q16	20.37	20.71	20.59	22.00
	75	LOW	Q16	20.51	20.73	20.57	22.00
15	1	LOW	64QAM	20.44	20.08	20.48	22.00
		MID	64QAM	20.50	20.25	20.46	22.00
		HIGH	64QAM	20.59	20.25	20.81	22.00
	36	LOW	64QAM	19.52	19.76	19.80	21.00
		MID	64QAM	19.33	19.51	19.60	21.00
		HIGH	64QAM	19.57	19.73	19.95	21.00
	75	LOW	64QAM	19.53	19.75	19.81	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.13	22.21	22.26	24.00
		MID	QPSK	22.25	**22.34**	22.32	24.00
		HIGH	QPSK	22.19	22.10	22.17	24.00
	50	LOW	QPSK	21.26	21.21	21.23	23.00
		MID	QPSK	21.28	**21.33**	21.21	23.00
		HIGH	QPSK	21.27	21.17	21.18	23.00
	100	LOW	QPSK	21.61	**21.68**	21.61	23.00
20	1	LOW	Q16	21.49	21.27	21.49	23.00
		MID	Q16	21.34	21.32	21.45	23.00
		HIGH	Q16	21.40	21.28	21.49	23.00
	50	LOW	Q16	20.72	20.64	20.66	22.00
		MID	Q16	20.68	20.41	20.64	22.00
		HIGH	Q16	20.47	20.61	20.59	22.00
	100	LOW	Q16	20.57	20.65	20.59	22.00
20	1	LOW	64QAM	20.54	20.28	20.58	22.00
		MID	64QAM	20.58	20.43	20.50	22.00
		HIGH	64QAM	20.71	20.48	20.75	22.00
	50	LOW	64QAM	19.64	19.84	19.86	21.00
		MID	64QAM	19.54	19.59	19.72	21.00
		HIGH	64QAM	19.63	19.71	19.85	21.00
	100	LOW	64QAM	19.73	19.85	19.85	21.00

LTE B66-State 12 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	21.24	23.00
		MID	QPSK	21.08	21.19	21.01	23.00
		HIGH	QPSK	21.07	21.14	21.06	23.00
	3	LOW	QPSK	21.08	21.41	21.08	23.00
		MID	QPSK	21.33	21.14	21.00	23.00
		HIGH	QPSK	21.07	21.07	21.13	23.00
	6	LOW	QPSK	21.21	21.08	21.16	23.00
1.4	1	LOW	Q16	21.60	21.13	21.82	23.00
		MID	Q16	21.00	21.35	21.40	23.00
		HIGH	Q16	21.38	21.25	21.42	23.00
	3	LOW	Q16	21.41	21.12	21.78	23.00
		MID	Q16	21.17	21.23	21.25	23.00
		HIGH	Q16	21.08	21.29	21.22	23.00
	6	LOW	Q16	20.63	20.66	20.56	22.00
1.4	1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00
		HIGH	64QAM	20.56	20.49	20.82	22.00
	3	LOW	64QAM	20.64	20.18	20.64	22.00
		MID	64QAM	20.10	20.37	20.10	22.00
		HIGH	64QAM	20.74	20.47	20.59	22.00
	6	LOW	64QAM	19.99	20.17	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.02	21.48	21.52	23.00
		MID	QPSK	21.09	21.19	21.10	23.00
		HIGH	QPSK	21.07	21.05	21.23	23.00
	8	LOW	QPSK	21.27	21.28	21.03	23.00
		MID	QPSK	21.16	21.04	21.08	23.00
		HIGH	QPSK	21.02	21.01	21.17	23.00
	15	LOW	QPSK	21.16	21.08	21.08	23.00
3	1	LOW	Q16	21.67	21.12	21.67	23.00
		MID	Q16	21.05	21.16	21.18	23.00
		HIGH	Q16	21.06	21.27	21.33	23.00
	8	LOW	Q16	20.53	20.33	20.47	22.00
		MID	Q16	20.14	20.53	20.26	22.00
		HIGH	Q16	20.71	20.63	20.79	22.00
	15	LOW	Q16	20.79	20.46	20.83	22.00
3	1	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
	8	LOW	64QAM	19.80	19.82	19.48	21.00
		MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	23.00
		MID	QPSK	21.08	21.20	21.12	23.00
		HIGH	QPSK	21.20	21.06	21.04	23.00
	12	LOW	QPSK	21.02	21.28	21.12	23.00
		MID	QPSK	21.40	21.12	21.13	23.00
		HIGH	QPSK	21.07	21.01	21.16	23.00
	25	LOW	QPSK	21.04	21.02	21.09	23.00
5	1	LOW	Q16	21.43	21.12	21.62	23.00
		MID	Q16	21.02	21.20	21.33	23.00
		HIGH	Q16	21.04	21.10	21.18	23.00
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	23.00
		MID	QPSK	21.12	21.09	21.04	23.00
		HIGH	QPSK	21.20	21.03	21.10	23.00
	25	LOW	QPSK	21.30	21.37	21.19	23.00
		MID	QPSK	21.35	21.12	21.02	23.00
		HIGH	QPSK	21.08	21.08	21.11	23.00
	50	LOW	QPSK	21.23	21.10	21.05	23.00
10	1	LOW	Q16	21.62	21.15	21.80	23.00
		MID	Q16	21.16	21.23	21.27	23.00
		HIGH	Q16	21.12	21.20	21.37	23.00
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	21.49	23.00
		MID	QPSK	21.10	21.16	21.14	23.00
		HIGH	QPSK	21.05	21.19	21.19	23.00
	36	LOW	QPSK	21.13	21.22	21.03	23.00
		MID	QPSK	21.35	21.23	21.12	23.00
		HIGH	QPSK	21.08	21.05	21.13	23.00
	75	LOW	QPSK	21.23	21.02	21.00	23.00
15	1	LOW	Q16	21.58	21.13	21.78	23.00
		MID	Q16	21.08	21.23	21.18	23.00
		HIGH	Q16	21.12	21.29	21.31	23.00
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	**21.39**	21.23	23.00
		MID	QPSK	21.03	21.22	21.03	23.00
		HIGH	QPSK	21.26	21.07	21.12	23.00
	50	LOW	QPSK	21.19	**21.39**	21.01	23.00
		MID	QPSK	21.31	21.15	21.06	23.00
		HIGH	QPSK	21.05	21.02	21.05	23.00
	100	LOW	QPSK	**21.15**	21.08	21.08	23.00
20	1	LOW	Q16	21.58	21.15	21.71	23.00
		MID	Q16	21.08	21.29	21.31	23.00
		HIGH	Q16	21.27	21.29	21.33	23.00
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 16 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	21.24	22.50
		MID	QPSK	21.08	21.19	21.01	22.50
		HIGH	QPSK	21.07	21.14	21.06	22.50
	3	LOW	QPSK	21.08	21.41	21.08	22.50
		MID	QPSK	21.33	21.14	21.00	22.50
		HIGH	QPSK	21.07	21.07	21.13	22.50
	6	LOW	QPSK	21.21	21.08	21.16	22.50
1.4	1	LOW	Q16	21.60	21.13	21.82	22.50
		MID	Q16	21.00	21.35	21.40	22.50
		HIGH	Q16	21.38	21.25	21.42	22.50
	3	LOW	Q16	21.41	21.12	21.78	22.50
		MID	Q16	21.17	21.23	21.25	22.50
		HIGH	Q16	21.08	21.29	21.22	22.50
	6	LOW	Q16	20.63	20.66	20.56	22.00
1.4	1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00
		HIGH	64QAM	20.56	20.49	20.82	22.00
	3	LOW	64QAM	20.64	20.18	20.64	22.00
		MID	64QAM	20.10	20.37	20.10	22.00
		HIGH	64QAM	20.74	20.47	20.59	22.00
	6	LOW	64QAM	19.99	20.17	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.02	21.48	21.52	22.50
		MID	QPSK	21.09	21.19	21.10	22.50
		HIGH	QPSK	21.07	21.05	21.23	22.50
	8	LOW	QPSK	21.27	21.28	21.03	22.50
		MID	QPSK	21.16	21.04	21.08	22.50
		HIGH	QPSK	21.02	21.01	21.17	22.50
	15	LOW	QPSK	21.16	21.08	21.08	22.50
3	1	LOW	Q16	21.67	21.12	21.67	22.50
		MID	Q16	21.05	21.16	21.18	22.50
		HIGH	Q16	21.06	21.27	21.33	22.50
	8	LOW	Q16	20.53	20.33	20.47	22.00
		MID	Q16	20.14	20.53	20.26	22.00
		HIGH	Q16	20.71	20.63	20.79	22.00
	15	LOW	Q16	20.79	20.46	20.83	22.00
3	1	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
	8	LOW	64QAM	19.80	19.82	19.48	21.00
		MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	22.50
		MID	QPSK	21.08	21.20	21.12	22.50
		HIGH	QPSK	21.20	21.06	21.04	22.50
	12	LOW	QPSK	21.02	21.28	21.12	22.50
		MID	QPSK	21.40	21.12	21.13	22.50
		HIGH	QPSK	21.07	21.01	21.16	22.50
	25	LOW	QPSK	21.04	21.02	21.09	22.50
5	1	LOW	Q16	21.43	21.12	21.62	22.50
		MID	Q16	21.02	21.20	21.33	22.50
		HIGH	Q16	21.04	21.10	21.18	22.50
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	22.50
		MID	QPSK	21.12	21.09	21.04	22.50
		HIGH	QPSK	21.20	21.03	21.10	22.50
	25	LOW	QPSK	21.30	21.37	21.19	22.50
		MID	QPSK	21.35	21.12	21.02	22.50
		HIGH	QPSK	21.08	21.08	21.11	22.50
	50	LOW	QPSK	21.23	21.10	21.05	22.50
10	1	LOW	Q16	21.62	21.15	21.80	22.50
		MID	Q16	21.16	21.23	21.27	22.50
		HIGH	Q16	21.12	21.20	21.37	22.50
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	21.49	22.50
		MID	QPSK	21.10	21.16	21.14	22.50
		HIGH	QPSK	21.05	21.19	21.19	22.50
	36	LOW	QPSK	21.13	21.22	21.03	22.50
		MID	QPSK	21.35	21.23	21.12	22.50
		HIGH	QPSK	21.08	21.05	21.13	22.50
	75	LOW	QPSK	21.23	21.02	21.00	22.50
15	1	LOW	Q16	21.58	21.13	21.78	22.50
		MID	Q16	21.08	21.23	21.18	22.50
		HIGH	Q16	21.12	21.29	21.31	22.50
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	**21.39**	21.23	22.50
		MID	QPSK	21.03	21.22	21.03	22.50
		HIGH	QPSK	21.26	21.07	21.12	22.50
	50	LOW	QPSK	21.19	**21.39**	21.01	22.50
		MID	QPSK	21.31	21.15	21.06	22.50
		HIGH	QPSK	21.05	21.02	21.05	22.50
	100	LOW	QPSK	**21.15**	21.08	21.08	22.50
20	1	LOW	Q16	21.58	21.15	21.71	22.50
		MID	Q16	21.08	21.29	21.31	22.50
		HIGH	Q16	21.27	21.29	21.33	22.50
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 18 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	**21.24**	22.00
		MID	QPSK	21.08	21.19	21.01	22.00
		HIGH	QPSK	21.07	21.14	21.06	22.00
	3	LOW	QPSK	21.08	**21.41**	21.08	22.00
		MID	QPSK	21.33	21.14	21.00	22.00
		HIGH	QPSK	21.07	21.07	21.13	22.00
	6	LOW	QPSK	**21.21**	21.08	21.16	22.00
1.4	1	LOW	Q16	21.60	21.13	21.82	22.00
		MID	Q16	21.00	21.35	21.40	22.00
		HIGH	Q16	21.38	21.25	21.42	22.00
	3	LOW	Q16	21.41	21.12	21.78	22.00
		MID	Q16	21.17	21.23	21.25	22.00
		HIGH	Q16	21.08	21.29	21.22	22.00
	6	LOW	Q16	20.63	20.66	20.56	22.00
1.4	1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00
		HIGH	64QAM	20.56	20.49	20.82	22.00
	3	LOW	64QAM	20.64	20.18	20.64	22.00
		MID	64QAM	20.10	20.37	20.10	22.00
		HIGH	64QAM	20.74	20.47	20.59	22.00
	6	LOW	64QAM	19.99	20.17	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.02	21.48	**21.52**	22.00
		MID	QPSK	21.09	21.19	21.10	22.00
		HIGH	QPSK	21.07	21.05	21.23	22.00
	8	LOW	QPSK	21.27	**21.28**	21.03	22.00
		MID	QPSK	21.16	21.04	21.08	22.00
		HIGH	QPSK	21.02	21.01	21.17	22.00
	15	LOW	QPSK	**21.16**	21.08	21.08	22.00
3	1	LOW	Q16	21.67	21.12	21.67	22.00
		MID	Q16	21.05	21.16	21.18	22.00
		HIGH	Q16	21.06	21.27	21.33	22.00
	8	LOW	Q16	20.53	20.33	20.47	22.00
		MID	Q16	20.14	20.53	20.26	22.00
		HIGH	Q16	20.71	20.63	20.79	22.00
	15	LOW	Q16	20.79	20.46	20.83	22.00
3	1	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
	8	LOW	64QAM	19.80	19.82	19.48	21.00
		MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	**21.50**	21.41	22.00
		MID	QPSK	21.08	21.20	21.12	22.00
		HIGH	QPSK	21.20	21.06	21.04	22.00
	12	LOW	QPSK	21.02	21.28	21.12	22.00
		MID	QPSK	**21.40**	21.12	21.13	22.00
		HIGH	QPSK	21.07	21.01	21.16	22.00
	25	LOW	QPSK	21.04	21.02	**21.09**	22.00
5	1	LOW	Q16	21.43	21.12	21.62	22.00
		MID	Q16	21.02	21.20	21.33	22.00
		HIGH	Q16	21.04	21.10	21.18	22.00
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	**21.39**	22.00
		MID	QPSK	21.12	21.09	21.04	22.00
		HIGH	QPSK	21.20	21.03	21.10	22.00
	25	LOW	QPSK	21.30	**21.37**	21.19	22.00
		MID	QPSK	21.35	21.12	21.02	22.00
		HIGH	QPSK	21.08	21.08	21.11	22.00
	50	LOW	QPSK	**21.23**	21.10	21.05	22.00
10	1	LOW	Q16	21.62	21.15	21.80	22.00
		MID	Q16	21.16	21.23	21.27	22.00
		HIGH	Q16	21.12	21.20	21.37	22.00
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	**21.49**	22.00
		MID	QPSK	21.10	21.16	21.14	22.00
		HIGH	QPSK	21.05	21.19	21.19	22.00
	36	LOW	QPSK	21.13	21.22	21.03	22.00
		MID	QPSK	**21.35**	21.23	21.12	22.00
		HIGH	QPSK	21.08	21.05	21.13	22.00
	75	LOW	QPSK	**21.23**	21.02	21.00	22.00
15	1	LOW	Q16	21.58	21.13	21.78	22.00
		MID	Q16	21.08	21.23	21.18	22.00
		HIGH	Q16	21.12	21.29	21.31	22.00
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	**21.39**	21.23	22.00
		MID	QPSK	21.03	21.22	21.03	22.00
		HIGH	QPSK	21.26	21.07	21.12	22.00
	50	LOW	QPSK	21.19	**21.39**	21.01	22.00
		MID	QPSK	21.31	21.15	21.06	22.00
		HIGH	QPSK	21.05	21.02	21.05	22.00
	100	LOW	QPSK	**21.15**	21.08	21.08	22.00
20	1	LOW	Q16	21.58	21.15	21.71	22.00
		MID	Q16	21.08	21.29	21.31	22.00
		HIGH	Q16	21.27	21.29	21.33	22.00
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 20 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.02	21.18	21.24	22.50
		MID	QPSK	21.08	21.19	21.01	22.50
		HIGH	QPSK	21.07	21.14	21.06	22.50
	3	LOW	QPSK	21.08	21.41	21.08	22.50
		MID	QPSK	21.33	21.14	21.00	22.50
		HIGH	QPSK	21.07	21.07	21.13	22.50
	6	LOW	QPSK	21.21	21.08	21.16	22.50
1.4	1	LOW	Q16	21.60	21.13	21.82	22.50
		MID	Q16	21.00	21.35	21.40	22.50
		HIGH	Q16	21.38	21.25	21.42	22.50
	3	LOW	Q16	21.41	21.12	21.78	22.50
		MID	Q16	21.17	21.23	21.25	22.50
		HIGH	Q16	21.08	21.29	21.22	22.50
	6	LOW	Q16	20.63	20.66	20.56	22.00
1.4	1	LOW	64QAM	20.46	20.20	20.33	22.00
		MID	64QAM	20.10	20.53	20.04	22.00
		HIGH	64QAM	20.56	20.49	20.82	22.00
	3	LOW	64QAM	20.64	20.18	20.64	22.00
		MID	64QAM	20.10	20.37	20.10	22.00
		HIGH	64QAM	20.74	20.47	20.59	22.00
	6	LOW	64QAM	19.99	20.17	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.02	21.48	21.52	22.50
		MID	QPSK	21.09	21.19	21.10	22.50
		HIGH	QPSK	21.07	21.05	21.23	22.50
	8	LOW	QPSK	21.27	21.28	21.03	22.50
		MID	QPSK	21.16	21.04	21.08	22.50
		HIGH	QPSK	21.02	21.01	21.17	22.50
	15	LOW	QPSK	21.16	21.08	21.08	22.50
3	1	LOW	Q16	21.67	21.12	21.67	22.50
		MID	Q16	21.05	21.16	21.18	22.50
		HIGH	Q16	21.06	21.27	21.33	22.50
	8	LOW	Q16	20.53	20.33	20.47	22.00
		MID	Q16	20.14	20.53	20.26	22.00
		HIGH	Q16	20.71	20.63	20.79	22.00
	15	LOW	Q16	20.79	20.46	20.83	22.00
3	1	LOW	64QAM	20.46	20.42	20.58	22.00
		MID	64QAM	20.06	20.35	20.22	22.00
		HIGH	64QAM	20.68	20.76	20.84	22.00
	8	LOW	64QAM	19.80	19.82	19.48	21.00
		MID	64QAM	19.48	19.57	19.54	21.00
		HIGH	64QAM	19.83	19.89	19.51	21.00
	15	LOW	64QAM	19.89	20.19	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.34	21.50	21.41	22.50
		MID	QPSK	21.08	21.20	21.12	22.50
		HIGH	QPSK	21.20	21.06	21.04	22.50
	12	LOW	QPSK	21.02	21.28	21.12	22.50
		MID	QPSK	21.40	21.12	21.13	22.50
		HIGH	QPSK	21.07	21.01	21.16	22.50
	25	LOW	QPSK	21.04	21.02	21.09	22.50
5	1	LOW	Q16	21.43	21.12	21.62	22.50
		MID	Q16	21.02	21.20	21.33	22.50
		HIGH	Q16	21.04	21.10	21.18	22.50
	12	LOW	Q16	20.53	20.29	20.59	22.00
		MID	Q16	20.22	20.53	20.18	22.00
		HIGH	Q16	20.75	20.69	20.61	22.00
	25	LOW	Q16	20.55	20.62	20.85	22.00
5	1	LOW	64QAM	20.66	20.34	20.52	22.00
		MID	64QAM	20.06	20.53	20.10	22.00
		HIGH	64QAM	20.62	20.68	20.59	22.00
	12	LOW	64QAM	19.70	19.78	19.46	21.00
		MID	64QAM	19.68	19.49	19.66	21.00
		HIGH	64QAM	19.61	19.75	19.47	21.00
	25	LOW	64QAM	19.81	20.09	19.55	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.29	21.24	21.39	22.50
		MID	QPSK	21.12	21.09	21.04	22.50
		HIGH	QPSK	21.20	21.03	21.10	22.50
	25	LOW	QPSK	21.30	21.37	21.19	22.50
		MID	QPSK	21.35	21.12	21.02	22.50
		HIGH	QPSK	21.08	21.08	21.11	22.50
	50	LOW	QPSK	21.23	21.10	21.05	22.50
10	1	LOW	Q16	21.62	21.15	21.80	22.50
		MID	Q16	21.16	21.23	21.27	22.50
		HIGH	Q16	21.12	21.20	21.37	22.50
	25	LOW	Q16	20.49	20.23	20.41	22.00
		MID	Q16	20.24	20.55	20.36	22.00
		HIGH	Q16	20.79	20.40	20.61	22.00
	50	LOW	Q16	20.73	20.62	20.75	22.00
10	1	LOW	64QAM	20.54	20.24	20.54	22.00
		MID	64QAM	20.12	20.39	20.18	22.00
		HIGH	64QAM	20.70	20.70	20.70	22.00
	25	LOW	64QAM	19.58	19.70	19.68	21.00
		MID	64QAM	19.48	19.51	19.62	21.00
		HIGH	64QAM	19.53	19.57	19.47	21.00
	50	LOW	64QAM	19.83	20.15	19.39	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.12	21.15	21.49	22.50
		MID	QPSK	21.10	21.16	21.14	22.50
		HIGH	QPSK	21.05	21.19	21.19	22.50
	36	LOW	QPSK	21.13	21.22	21.03	22.50
		MID	QPSK	21.35	21.23	21.12	22.50
		HIGH	QPSK	21.08	21.05	21.13	22.50
	75	LOW	QPSK	21.23	21.02	21.00	22.50
15	1	LOW	Q16	21.58	21.13	21.78	22.50
		MID	Q16	21.08	21.23	21.18	22.50
		HIGH	Q16	21.12	21.29	21.31	22.50
	36	LOW	Q16	20.34	20.27	20.33	22.00
		MID	Q16	20.24	20.57	20.14	22.00
		HIGH	Q16	20.71	20.40	20.50	22.00
	75	LOW	Q16	20.46	20.62	20.67	22.00
15	1	LOW	64QAM	20.64	20.18	20.66	22.00
		MID	64QAM	20.18	20.55	20.06	22.00
		HIGH	64QAM	20.76	20.56	20.59	22.00
	36	LOW	64QAM	19.70	19.54	19.62	21.00
		MID	64QAM	19.58	19.43	19.44	21.00
		HIGH	64QAM	19.55	19.89	19.43	21.00
	75	LOW	64QAM	20.01	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.25	**21.39**	21.23	22.50
		MID	QPSK	21.03	21.22	21.03	22.50
		HIGH	QPSK	21.26	21.07	21.12	22.50
	50	LOW	QPSK	21.19	**21.39**	21.01	22.50
		MID	QPSK	21.31	21.15	21.06	22.50
		HIGH	QPSK	21.05	21.02	21.05	22.50
	100	LOW	QPSK	**21.15**	21.08	21.08	22.50
20	1	LOW	Q16	21.58	21.15	21.71	22.50
		MID	Q16	21.08	21.29	21.31	22.50
		HIGH	Q16	21.27	21.29	21.33	22.50
	50	LOW	Q16	20.57	20.43	20.49	22.00
		MID	Q16	20.32	20.49	20.32	22.00
		HIGH	Q16	20.73	20.61	20.73	22.00
	100	LOW	Q16	20.69	20.56	20.75	22.00
20	1	LOW	64QAM	20.62	20.40	20.56	22.00
		MID	64QAM	20.10	20.45	20.12	22.00
		HIGH	64QAM	20.70	20.68	20.76	22.00
	50	LOW	64QAM	19.72	19.74	19.60	21.00
		MID	64QAM	19.68	19.53	19.66	21.00
		HIGH	64QAM	19.73	19.79	19.61	21.00
	100	LOW	64QAM	20.01	20.09	19.61	21.00

LTE B66-State 11-Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.15	**22.25**	24.00
		MID	QPSK	22.03	22.14	22.10	24.00
		HIGH	QPSK	22.09	22.14	**22.25**	24.00
	3	LOW	QPSK	22.16	22.08	22.14	24.00
		MID	QPSK	22.19	22.05	22.16	24.00
		HIGH	QPSK	22.09	22.14	**22.30**	24.00
	6	LOW	QPSK	21.21	21.15	**21.23**	23.00
1.4	1	LOW	Q16	21.32	21.10	21.43	23.00
		MID	Q16	21.08	21.13	21.19	23.00
		HIGH	Q16	21.15	21.38	21.30	23.00
	3	LOW	Q16	21.45	21.08	21.64	23.00
		MID	Q16	21.07	21.13	21.17	23.00
		HIGH	Q16	21.08	21.14	21.50	23.00
	6	LOW	Q16	20.56	20.38	20.48	22.00
1.4	1	LOW	64QAM	20.58	20.34	20.54	22.00
		MID	64QAM	20.02	20.41	20.12	22.00
		HIGH	64QAM	20.35	20.29	20.66	22.00
	3	LOW	64QAM	20.40	20.36	20.50	22.00
		MID	64QAM	20.18	20.43	20.16	22.00
		HIGH	64QAM	20.47	20.29	20.62	22.00
	6	LOW	64QAM	19.67	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.07	22.26	22.14	24.00
		MID	QPSK	22.21	22.00	22.07	24.00
		HIGH	QPSK	22.13	**22.27**	22.14	24.00
	8	LOW	QPSK	21.07	**21.24**	21.13	23.00
		MID	QPSK	21.16	21.16	21.06	23.00
		HIGH	QPSK	21.03	21.04	21.11	23.00
	15	LOW	QPSK	21.16	21.15	**21.20**	23.00
3	1	LOW	Q16	21.43	21.08	21.68	23.00
		MID	Q16	21.16	21.16	21.06	23.00
		HIGH	Q16	21.13	21.42	21.41	23.00
	8	LOW	Q16	20.26	20.33	20.57	22.00
		MID	Q16	20.02	20.41	20.00	22.00
		HIGH	Q16	20.71	20.33	20.77	22.00
	15	LOW	Q16	20.31	20.48	20.46	22.00
3	1	LOW	64QAM	20.36	20.50	20.48	22.00
		MID	64QAM	20.00	20.45	20.20	22.00
		HIGH	64QAM	20.29	20.35	20.49	22.00
	8	LOW	64QAM	19.68	19.62	19.62	21.00
		MID	64QAM	19.52	19.39	19.72	21.00
		HIGH	64QAM	19.39	19.77	19.49	21.00
	15	LOW	64QAM	19.65	20.11	19.57	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.02	22.24	22.16	24.00
		MID	QPSK	22.19	22.16	22.16	24.00
		HIGH	QPSK	22.00	22.18	**22.25**	24.00
	12	LOW	QPSK	21.16	21.09	21.18	23.00
		MID	QPSK	21.15	21.11	21.13	23.00
		HIGH	QPSK	21.08	**21.19**	21.07	23.00
	25	LOW	QPSK	21.02	21.10	**21.14**	23.00
5	1	LOW	Q16	21.28	21.11	21.64	23.00
		MID	Q16	21.16	21.07	21.19	23.00
		HIGH	Q16	21.15	21.34	21.30	23.00
	12	LOW	Q16	20.18	20.19	20.55	22.00
		MID	Q16	20.12	20.31	20.18	22.00
		HIGH	Q16	20.77	20.43	20.71	22.00
	25	LOW	Q16	20.58	20.50	20.48	22.00
5	1	LOW	64QAM	20.48	20.48	20.48	22.00
		MID	64QAM	20.06	20.47	20.16	22.00
		HIGH	64QAM	20.45	20.39	20.51	22.00
	12	LOW	64QAM	19.84	19.64	19.46	21.00
		MID	64QAM	19.72	19.22	19.70	21.00
		HIGH	64QAM	19.53	19.91	19.43	21.00
	25	LOW	64QAM	19.87	20.09	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	**22.35**	22.18	24.00
		MID	QPSK	22.12	22.11	22.07	24.00
		HIGH	QPSK	22.11	22.07	22.19	24.00
	25	LOW	QPSK	21.24	**21.26**	21.19	23.00
		MID	QPSK	21.16	21.15	21.13	23.00
		HIGH	QPSK	21.09	21.15	21.14	23.00
	50	LOW	QPSK	21.04	21.14	**21.23**	23.00
10	1	LOW	Q16	21.35	21.22	21.56	23.00
		MID	Q16	21.02	21.12	21.16	23.00
		HIGH	Q16	21.15	21.19	21.22	23.00
	25	LOW	Q16	20.48	20.25	20.35	22.00
		MID	Q16	20.14	20.15	20.20	22.00
		HIGH	Q16	20.79	20.37	20.87	22.00
	50	LOW	Q16	20.60	20.28	20.64	22.00
10	1	LOW	64QAM	20.27	20.44	20.66	22.00
		MID	64QAM	20.04	20.31	20.16	22.00
		HIGH	64QAM	20.53	20.37	20.56	22.00
	25	LOW	64QAM	19.76	19.80	19.42	21.00
		MID	64QAM	19.66	19.45	19.72	21.00
		HIGH	64QAM	19.43	19.89	19.35	21.00
	50	LOW	64QAM	19.71	20.13	19.51	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.07	22.10	22.07	24.00
		MID	QPSK	22.10	22.16	22.12	24.00
		HIGH	QPSK	22.11	22.16	**22.30**	24.00
	36	LOW	QPSK	21.00	**21.20**	21.19	23.00
		MID	QPSK	21.04	21.16	21.16	23.00
		HIGH	QPSK	21.11	21.17	21.17	23.00
	75	LOW	QPSK	**21.15**	**21.15**	21.11	23.00
15	1	LOW	Q16	21.24	21.13	21.71	23.00
		MID	Q16	21.02	21.02	21.04	23.00
		HIGH	Q16	21.10	21.27	21.22	23.00
	36	LOW	Q16	20.30	20.35	20.59	22.00
		MID	Q16	20.20	20.33	20.24	22.00
		HIGH	Q16	20.73	20.31	20.67	22.00
	75	LOW	Q16	20.58	20.38	20.56	22.00
15	1	LOW	64QAM	20.34	20.32	20.42	22.00
		MID	64QAM	20.06	20.47	20.08	22.00
		HIGH	64QAM	20.41	20.26	20.62	22.00
	36	LOW	64QAM	19.82	19.80	19.46	21.00
		MID	64QAM	19.64	19.33	19.52	21.00
		HIGH	64QAM	19.53	19.81	19.37	21.00
	75	LOW	64QAM	19.81	20.21	19.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.00	**22.28**	22.18	24.00
		MID	QPSK	22.10	22.07	22.05	24.00
		HIGH	QPSK	22.11	22.18	22.21	24.00
	50	LOW	QPSK	21.13	**21.24**	21.10	23.00
		MID	QPSK	21.08	21.09	21.14	23.00
		HIGH	QPSK	21.05	21.08	21.03	23.00
	100	LOW	QPSK	**21.17**	21.09	21.12	23.00
20	1	LOW	Q16	21.41	21.11	21.62	23.00
		MID	Q16	21.04	21.08	21.12	23.00
		HIGH	Q16	21.12	21.38	21.39	23.00
	50	LOW	Q16	20.38	20.33	20.51	22.00
		MID	Q16	20.14	20.35	20.20	22.00
		HIGH	Q16	20.71	20.47	20.79	22.00
	100	LOW	Q16	20.52	20.40	20.54	22.00
20	1	LOW	64QAM	20.50	20.44	20.58	22.00
		MID	64QAM	20.00	20.45	20.12	22.00
		HIGH	64QAM	20.49	20.49	20.68	22.00
	50	LOW	64QAM	19.74	19.80	19.56	21.00
		MID	64QAM	19.68	19.41	19.70	21.00
		HIGH	64QAM	19.59	19.85	19.39	21.00
	100	LOW	64QAM	19.85	20.13	19.59	21.00

LTE B66-State 15 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.15	**22.25**	24.00
		MID	QPSK	22.03	22.14	22.10	24.00
		HIGH	QPSK	22.09	22.14	**22.25**	24.00
	3	LOW	QPSK	22.16	22.08	22.14	24.00
		MID	QPSK	22.19	22.05	22.16	24.00
		HIGH	QPSK	22.09	22.14	**22.30**	24.00
	6	LOW	QPSK	21.21	21.15	**21.23**	23.00
1.4	1	LOW	Q16	21.32	21.10	21.43	23.00
		MID	Q16	21.08	21.13	21.19	23.00
		HIGH	Q16	21.15	21.38	21.30	23.00
	3	LOW	Q16	21.45	21.08	21.64	23.00
		MID	Q16	21.07	21.13	21.17	23.00
		HIGH	Q16	21.08	21.14	21.50	23.00
	6	LOW	Q16	20.56	20.38	20.48	22.00
1.4	1	LOW	64QAM	20.58	20.34	20.54	22.00
		MID	64QAM	20.02	20.41	20.12	22.00
		HIGH	64QAM	20.35	20.29	20.66	22.00
	3	LOW	64QAM	20.40	20.36	20.50	22.00
		MID	64QAM	20.18	20.43	20.16	22.00
		HIGH	64QAM	20.47	20.29	20.62	22.00
	6	LOW	64QAM	19.67	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.07	22.26	22.14	24.00
		MID	QPSK	22.21	22.00	22.07	24.00
		HIGH	QPSK	22.13	**22.27**	22.14	24.00
	8	LOW	QPSK	21.07	**21.24**	21.13	23.00
		MID	QPSK	21.16	21.16	21.06	23.00
		HIGH	QPSK	21.03	21.04	21.11	23.00
	15	LOW	QPSK	21.16	21.15	**21.20**	23.00
3	1	LOW	Q16	21.43	21.08	21.68	23.00
		MID	Q16	21.16	21.16	21.06	23.00
		HIGH	Q16	21.13	21.42	21.41	23.00
	8	LOW	Q16	20.26	20.33	20.57	22.00
		MID	Q16	20.02	20.41	20.00	22.00
		HIGH	Q16	20.71	20.33	20.77	22.00
	15	LOW	Q16	20.31	20.48	20.46	22.00
3	1	LOW	64QAM	20.36	20.50	20.48	22.00
		MID	64QAM	20.00	20.45	20.20	22.00
		HIGH	64QAM	20.29	20.35	20.49	22.00
	8	LOW	64QAM	19.68	19.62	19.62	21.00
		MID	64QAM	19.52	19.39	19.72	21.00
		HIGH	64QAM	19.39	19.77	19.49	21.00
	15	LOW	64QAM	19.65	20.11	19.57	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.02	22.24	22.16	24.00
		MID	QPSK	22.19	22.16	22.16	24.00
		HIGH	QPSK	22.00	22.18	**22.25**	24.00
	12	LOW	QPSK	21.16	21.09	21.18	23.00
		MID	QPSK	21.15	21.11	21.13	23.00
		HIGH	QPSK	21.08	**21.19**	21.07	23.00
	25	LOW	QPSK	21.02	21.10	**21.14**	23.00
5	1	LOW	Q16	21.28	21.11	21.64	23.00
		MID	Q16	21.16	21.07	21.19	23.00
		HIGH	Q16	21.15	21.34	21.30	23.00
	12	LOW	Q16	20.18	20.19	20.55	22.00
		MID	Q16	20.12	20.31	20.18	22.00
		HIGH	Q16	20.77	20.43	20.71	22.00
	25	LOW	Q16	20.58	20.50	20.48	22.00
5	1	LOW	64QAM	20.48	20.48	20.48	22.00
		MID	64QAM	20.06	20.47	20.16	22.00
		HIGH	64QAM	20.45	20.39	20.51	22.00
	12	LOW	64QAM	19.84	19.64	19.46	21.00
		MID	64QAM	19.72	19.22	19.70	21.00
		HIGH	64QAM	19.53	19.91	19.43	21.00
	25	LOW	64QAM	19.87	20.09	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	**22.35**	22.18	24.00
		MID	QPSK	22.12	22.11	22.07	24.00
		HIGH	QPSK	22.11	22.07	22.19	24.00
	25	LOW	QPSK	21.24	**21.26**	21.19	23.00
		MID	QPSK	21.16	21.15	21.13	23.00
		HIGH	QPSK	21.09	21.15	21.14	23.00
	50	LOW	QPSK	21.04	21.14	**21.23**	23.00
10	1	LOW	Q16	21.35	21.22	21.56	23.00
		MID	Q16	21.02	21.12	21.16	23.00
		HIGH	Q16	21.15	21.19	21.22	23.00
	25	LOW	Q16	20.48	20.25	20.35	22.00
		MID	Q16	20.14	20.15	20.20	22.00
		HIGH	Q16	20.79	20.37	20.87	22.00
	50	LOW	Q16	20.60	20.28	20.64	22.00
10	1	LOW	64QAM	20.27	20.44	20.66	22.00
		MID	64QAM	20.04	20.31	20.16	22.00
		HIGH	64QAM	20.53	20.37	20.56	22.00
	25	LOW	64QAM	19.76	19.80	19.42	21.00
		MID	64QAM	19.66	19.45	19.72	21.00
		HIGH	64QAM	19.43	19.89	19.35	21.00
	50	LOW	64QAM	19.71	20.13	19.51	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.07	22.10	22.07	24.00
		MID	QPSK	22.10	22.16	22.12	24.00
		HIGH	QPSK	22.11	22.16	**22.30**	24.00
	36	LOW	QPSK	21.00	**21.20**	21.19	23.00
		MID	QPSK	21.04	21.16	21.16	23.00
		HIGH	QPSK	21.11	21.17	21.17	23.00
	75	LOW	QPSK	**21.15**	**21.15**	21.11	23.00
15	1	LOW	Q16	21.24	21.13	21.71	23.00
		MID	Q16	21.02	21.02	21.04	23.00
		HIGH	Q16	21.10	21.27	21.22	23.00
	36	LOW	Q16	20.30	20.35	20.59	22.00
		MID	Q16	20.20	20.33	20.24	22.00
		HIGH	Q16	20.73	20.31	20.67	22.00
	75	LOW	Q16	20.58	20.38	20.56	22.00
15	1	LOW	64QAM	20.34	20.32	20.42	22.00
		MID	64QAM	20.06	20.47	20.08	22.00
		HIGH	64QAM	20.41	20.26	20.62	22.00
	36	LOW	64QAM	19.82	19.80	19.46	21.00
		MID	64QAM	19.64	19.33	19.52	21.00
		HIGH	64QAM	19.53	19.81	19.37	21.00
	75	LOW	64QAM	19.81	20.21	19.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.00	**22.28**	22.18	24.00
		MID	QPSK	22.10	22.07	22.05	24.00
		HIGH	QPSK	22.11	22.18	22.21	24.00
	50	LOW	QPSK	21.13	**21.24**	21.10	23.00
		MID	QPSK	21.08	21.09	21.14	23.00
		HIGH	QPSK	21.05	21.08	21.03	23.00
	100	LOW	QPSK	**21.17**	21.09	21.12	23.00
20	1	LOW	Q16	21.41	21.11	21.62	23.00
		MID	Q16	21.04	21.08	21.12	23.00
		HIGH	Q16	21.12	21.38	21.39	23.00
	50	LOW	Q16	20.38	20.33	20.51	22.00
		MID	Q16	20.14	20.35	20.20	22.00
		HIGH	Q16	20.71	20.47	20.79	22.00
	100	LOW	Q16	20.52	20.40	20.54	22.00
20	1	LOW	64QAM	20.50	20.44	20.58	22.00
		MID	64QAM	20.00	20.45	20.12	22.00
		HIGH	64QAM	20.49	20.49	20.68	22.00
	50	LOW	64QAM	19.74	19.80	19.56	21.00
		MID	64QAM	19.68	19.41	19.70	21.00
		HIGH	64QAM	19.59	19.85	19.39	21.00
	100	LOW	64QAM	19.85	20.13	19.59	21.00

LTE B66-State 17 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.15	**22.25**	24.00
		MID	QPSK	22.03	22.14	22.10	24.00
		HIGH	QPSK	22.09	22.14	**22.25**	24.00
	3	LOW	QPSK	22.16	22.08	22.14	24.00
		MID	QPSK	22.19	22.05	22.16	24.00
		HIGH	QPSK	22.09	22.14	**22.30**	24.00
	6	LOW	QPSK	21.21	21.15	**21.23**	23.00
1.4	1	LOW	Q16	21.32	21.10	21.43	23.00
		MID	Q16	21.08	21.13	21.19	23.00
		HIGH	Q16	21.15	21.38	21.30	23.00
	3	LOW	Q16	21.45	21.08	21.64	23.00
		MID	Q16	21.07	21.13	21.17	23.00
		HIGH	Q16	21.08	21.14	21.50	23.00
	6	LOW	Q16	20.56	20.38	20.48	22.00
1.4	1	LOW	64QAM	20.58	20.34	20.54	22.00
		MID	64QAM	20.02	20.41	20.12	22.00
		HIGH	64QAM	20.35	20.29	20.66	22.00
	3	LOW	64QAM	20.40	20.36	20.50	22.00
		MID	64QAM	20.18	20.43	20.16	22.00
		HIGH	64QAM	20.47	20.29	20.62	22.00
	6	LOW	64QAM	19.67	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.07	22.26	22.14	24.00
		MID	QPSK	22.21	22.00	22.07	24.00
		HIGH	QPSK	22.13	**22.27**	22.14	24.00
	8	LOW	QPSK	21.07	**21.24**	21.13	23.00
		MID	QPSK	21.16	21.16	21.06	23.00
		HIGH	QPSK	21.03	21.04	21.11	23.00
	15	LOW	QPSK	21.16	21.15	**21.20**	23.00
3	1	LOW	Q16	21.43	21.08	21.68	23.00
		MID	Q16	21.16	21.16	21.06	23.00
		HIGH	Q16	21.13	21.42	21.41	23.00
	8	LOW	Q16	20.26	20.33	20.57	22.00
		MID	Q16	20.02	20.41	20.00	22.00
		HIGH	Q16	20.71	20.33	20.77	22.00
	15	LOW	Q16	20.31	20.48	20.46	22.00
3	1	LOW	64QAM	20.36	20.50	20.48	22.00
		MID	64QAM	20.00	20.45	20.20	22.00
		HIGH	64QAM	20.29	20.35	20.49	22.00
	8	LOW	64QAM	19.68	19.62	19.62	21.00
		MID	64QAM	19.52	19.39	19.72	21.00
		HIGH	64QAM	19.39	19.77	19.49	21.00
	15	LOW	64QAM	19.65	20.11	19.57	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.02	22.24	22.16	24.00
		MID	QPSK	22.19	22.16	22.16	24.00
		HIGH	QPSK	22.00	22.18	**22.25**	24.00
	12	LOW	QPSK	21.16	21.09	21.18	23.00
		MID	QPSK	21.15	21.11	21.13	23.00
		HIGH	QPSK	21.08	**21.19**	21.07	23.00
	25	LOW	QPSK	21.02	21.10	**21.14**	23.00
5	1	LOW	Q16	21.28	21.11	21.64	23.00
		MID	Q16	21.16	21.07	21.19	23.00
		HIGH	Q16	21.15	21.34	21.30	23.00
	12	LOW	Q16	20.18	20.19	20.55	22.00
		MID	Q16	20.12	20.31	20.18	22.00
		HIGH	Q16	20.77	20.43	20.71	22.00
	25	LOW	Q16	20.58	20.50	20.48	22.00
5	1	LOW	64QAM	20.48	20.48	20.48	22.00
		MID	64QAM	20.06	20.47	20.16	22.00
		HIGH	64QAM	20.45	20.39	20.51	22.00
	12	LOW	64QAM	19.84	19.64	19.46	21.00
		MID	64QAM	19.72	19.22	19.70	21.00
		HIGH	64QAM	19.53	19.91	19.43	21.00
	25	LOW	64QAM	19.87	20.09	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	**22.35**	22.18	24.00
		MID	QPSK	22.12	22.11	22.07	24.00
		HIGH	QPSK	22.11	22.07	22.19	24.00
	25	LOW	QPSK	21.24	**21.26**	21.19	23.00
		MID	QPSK	21.16	21.15	21.13	23.00
		HIGH	QPSK	21.09	21.15	21.14	23.00
	50	LOW	QPSK	21.04	21.14	**21.23**	23.00
10	1	LOW	Q16	21.35	21.22	21.56	23.00
		MID	Q16	21.02	21.12	21.16	23.00
		HIGH	Q16	21.15	21.19	21.22	23.00
	25	LOW	Q16	20.48	20.25	20.35	22.00
		MID	Q16	20.14	20.15	20.20	22.00
		HIGH	Q16	20.79	20.37	20.87	22.00
	50	LOW	Q16	20.60	20.28	20.64	22.00
10	1	LOW	64QAM	20.27	20.44	20.66	22.00
		MID	64QAM	20.04	20.31	20.16	22.00
		HIGH	64QAM	20.53	20.37	20.56	22.00
	25	LOW	64QAM	19.76	19.80	19.42	21.00
		MID	64QAM	19.66	19.45	19.72	21.00
		HIGH	64QAM	19.43	19.89	19.35	21.00
	50	LOW	64QAM	19.71	20.13	19.51	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.07	22.10	22.07	24.00
		MID	QPSK	22.10	22.16	22.12	24.00
		HIGH	QPSK	22.11	22.16	**22.30**	24.00
	36	LOW	QPSK	21.00	**21.20**	21.19	23.00
		MID	QPSK	21.04	21.16	21.16	23.00
		HIGH	QPSK	21.11	21.17	21.17	23.00
	75	LOW	QPSK	**21.15**	**21.15**	21.11	23.00
15	1	LOW	Q16	21.24	21.13	21.71	23.00
		MID	Q16	21.02	21.02	21.04	23.00
		HIGH	Q16	21.10	21.27	21.22	23.00
	36	LOW	Q16	20.30	20.35	20.59	22.00
		MID	Q16	20.20	20.33	20.24	22.00
		HIGH	Q16	20.73	20.31	20.67	22.00
	75	LOW	Q16	20.58	20.38	20.56	22.00
15	1	LOW	64QAM	20.34	20.32	20.42	22.00
		MID	64QAM	20.06	20.47	20.08	22.00
		HIGH	64QAM	20.41	20.26	20.62	22.00
	36	LOW	64QAM	19.82	19.80	19.46	21.00
		MID	64QAM	19.64	19.33	19.52	21.00
		HIGH	64QAM	19.53	19.81	19.37	21.00
	75	LOW	64QAM	19.81	20.21	19.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.00	**22.28**	22.18	24.00
		MID	QPSK	22.10	22.07	22.05	24.00
		HIGH	QPSK	22.11	22.18	22.21	24.00
	50	LOW	QPSK	21.13	**21.24**	21.10	23.00
		MID	QPSK	21.08	21.09	21.14	23.00
		HIGH	QPSK	21.05	21.08	21.03	23.00
	100	LOW	QPSK	**21.17**	21.09	21.12	23.00
20	1	LOW	Q16	21.41	21.11	21.62	23.00
		MID	Q16	21.04	21.08	21.12	23.00
		HIGH	Q16	21.12	21.38	21.39	23.00
	50	LOW	Q16	20.38	20.33	20.51	22.00
		MID	Q16	20.14	20.35	20.20	22.00
		HIGH	Q16	20.71	20.47	20.79	22.00
	100	LOW	Q16	20.52	20.40	20.54	22.00
20	1	LOW	64QAM	20.50	20.44	20.58	22.00
		MID	64QAM	20.00	20.45	20.12	22.00
		HIGH	64QAM	20.49	20.49	20.68	22.00
	50	LOW	64QAM	19.74	19.80	19.56	21.00
		MID	64QAM	19.68	19.41	19.70	21.00
		HIGH	64QAM	19.59	19.85	19.39	21.00
	100	LOW	64QAM	19.85	20.13	19.59	21.00

LTE B66-State 19 -Ant.4(NSA)							
Bandwidth (	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.15	**22.25**	24.00
		MID	QPSK	22.03	22.14	22.10	24.00
		HIGH	QPSK	22.09	22.14	**22.25**	24.00
	3	LOW	QPSK	22.16	22.08	22.14	24.00
		MID	QPSK	22.19	22.05	22.16	24.00
		HIGH	QPSK	22.09	22.14	**22.30**	24.00
	6	LOW	QPSK	21.21	21.15	**21.23**	23.00
1.4	1	LOW	Q16	21.32	21.10	21.43	23.00
		MID	Q16	21.08	21.13	21.19	23.00
		HIGH	Q16	21.15	21.38	21.30	23.00
	3	LOW	Q16	21.45	21.08	21.64	23.00
		MID	Q16	21.07	21.13	21.17	23.00
		HIGH	Q16	21.08	21.14	21.50	23.00
	6	LOW	Q16	20.56	20.38	20.48	22.00
1.4	1	LOW	64QAM	20.58	20.34	20.54	22.00
		MID	64QAM	20.02	20.41	20.12	22.00
		HIGH	64QAM	20.35	20.29	20.66	22.00
	3	LOW	64QAM	20.40	20.36	20.50	22.00
		MID	64QAM	20.18	20.43	20.16	22.00
		HIGH	64QAM	20.47	20.29	20.62	22.00
	6	LOW	64QAM	19.67	19.99	19.59	21.00
Bandwidth (	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.07	22.26	22.14	24.00
		MID	QPSK	22.21	22.00	22.07	24.00
		HIGH	QPSK	22.13	**22.27**	22.14	24.00
	8	LOW	QPSK	21.07	**21.24**	21.13	23.00
		MID	QPSK	21.16	21.16	21.06	23.00
		HIGH	QPSK	21.03	21.04	21.11	23.00
	15	LOW	QPSK	21.16	21.15	**21.20**	23.00
3	1	LOW	Q16	21.43	21.08	21.68	23.00
		MID	Q16	21.16	21.16	21.06	23.00
		HIGH	Q16	21.13	21.42	21.41	23.00
	8	LOW	Q16	20.26	20.33	20.57	22.00
		MID	Q16	20.02	20.41	20.00	22.00
		HIGH	Q16	20.71	20.33	20.77	22.00
	15	LOW	Q16	20.31	20.48	20.46	22.00
3	1	LOW	64QAM	20.36	20.50	20.48	22.00
		MID	64QAM	20.00	20.45	20.20	22.00
		HIGH	64QAM	20.29	20.35	20.49	22.00
	8	LOW	64QAM	19.68	19.62	19.62	21.00
		MID	64QAM	19.52	19.39	19.72	21.00
		HIGH	64QAM	19.39	19.77	19.49	21.00
	15	LOW	64QAM	19.65	20.11	19.57	21.00

Bandwidth (	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.02	22.24	22.16	24.00
		MID	QPSK	22.19	22.16	22.16	24.00
		HIGH	QPSK	22.00	22.18	**22.25**	24.00
	12	LOW	QPSK	21.16	21.09	21.18	23.00
		MID	QPSK	21.15	21.11	21.13	23.00
		HIGH	QPSK	21.08	**21.19**	21.07	23.00
	25	LOW	QPSK	21.02	21.10	**21.14**	23.00
5	1	LOW	Q16	21.28	21.11	21.64	23.00
		MID	Q16	21.16	21.07	21.19	23.00
		HIGH	Q16	21.15	21.34	21.30	23.00
	12	LOW	Q16	20.18	20.19	20.55	22.00
		MID	Q16	20.12	20.31	20.18	22.00
		HIGH	Q16	20.77	20.43	20.71	22.00
	25	LOW	Q16	20.58	20.50	20.48	22.00
5	1	LOW	64QAM	20.48	20.48	20.48	22.00
		MID	64QAM	20.06	20.47	20.16	22.00
		HIGH	64QAM	20.45	20.39	20.51	22.00
	12	LOW	64QAM	19.84	19.64	19.46	21.00
		MID	64QAM	19.72	19.22	19.70	21.00
		HIGH	64QAM	19.53	19.91	19.43	21.00
	25	LOW	64QAM	19.87	20.09	19.61	21.00
Bandwidth (	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.11	**22.35**	22.18	24.00
		MID	QPSK	22.12	22.11	22.07	24.00
		HIGH	QPSK	22.11	22.07	22.19	24.00
	25	LOW	QPSK	21.24	**21.26**	21.19	23.00
		MID	QPSK	21.16	21.15	21.13	23.00
		HIGH	QPSK	21.09	21.15	21.14	23.00
	50	LOW	QPSK	21.04	21.14	**21.23**	23.00
10	1	LOW	Q16	21.35	21.22	21.56	23.00
		MID	Q16	21.02	21.12	21.16	23.00
		HIGH	Q16	21.15	21.19	21.22	23.00
	25	LOW	Q16	20.48	20.25	20.35	22.00
		MID	Q16	20.14	20.15	20.20	22.00
		HIGH	Q16	20.79	20.37	20.87	22.00
	50	LOW	Q16	20.60	20.28	20.64	22.00
10	1	LOW	64QAM	20.27	20.44	20.66	22.00
		MID	64QAM	20.04	20.31	20.16	22.00
		HIGH	64QAM	20.53	20.37	20.56	22.00
	25	LOW	64QAM	19.76	19.80	19.42	21.00
		MID	64QAM	19.66	19.45	19.72	21.00
		HIGH	64QAM	19.43	19.89	19.35	21.00
	50	LOW	64QAM	19.71	20.13	19.51	21.00

Bandwidth (	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.07	22.10	22.07	24.00
		MID	QPSK	22.10	22.16	22.12	24.00
		HIGH	QPSK	22.11	22.16	**22.30**	24.00
	36	LOW	QPSK	21.00	**21.20**	21.19	23.00
		MID	QPSK	21.04	21.16	21.16	23.00
		HIGH	QPSK	21.11	21.17	21.17	23.00
	75	LOW	QPSK	**21.15**	**21.15**	21.11	23.00
15	1	LOW	Q16	21.24	21.13	21.71	23.00
		MID	Q16	21.02	21.02	21.04	23.00
		HIGH	Q16	21.10	21.27	21.22	23.00
	36	LOW	Q16	20.30	20.35	20.59	22.00
		MID	Q16	20.20	20.33	20.24	22.00
		HIGH	Q16	20.73	20.31	20.67	22.00
	75	LOW	Q16	20.58	20.38	20.56	22.00
15	1	LOW	64QAM	20.34	20.32	20.42	22.00
		MID	64QAM	20.06	20.47	20.08	22.00
		HIGH	64QAM	20.41	20.26	20.62	22.00
	36	LOW	64QAM	19.82	19.80	19.46	21.00
		MID	64QAM	19.64	19.33	19.52	21.00
		HIGH	64QAM	19.53	19.81	19.37	21.00
	75	LOW	64QAM	19.81	20.21	19.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.00	**22.28**	22.18	24.00
		MID	QPSK	22.10	22.07	22.05	24.00
		HIGH	QPSK	22.11	22.18	22.21	24.00
	50	LOW	QPSK	21.13	**21.24**	21.10	23.00
		MID	QPSK	21.08	21.09	21.14	23.00
		HIGH	QPSK	21.05	21.08	21.03	23.00
	100	LOW	QPSK	**21.17**	21.09	21.12	23.00
20	1	LOW	Q16	21.41	21.11	21.62	23.00
		MID	Q16	21.04	21.08	21.12	23.00
		HIGH	Q16	21.12	21.38	21.39	23.00
	50	LOW	Q16	20.38	20.33	20.51	22.00
		MID	Q16	20.14	20.35	20.20	22.00
		HIGH	Q16	20.71	20.47	20.79	22.00
	100	LOW	Q16	20.52	20.40	20.54	22.00
20	1	LOW	64QAM	20.50	20.44	20.58	22.00
		MID	64QAM	20.00	20.45	20.12	22.00
		HIGH	64QAM	20.49	20.49	20.68	22.00
	50	LOW	64QAM	19.74	19.80	19.56	21.00
		MID	64QAM	19.68	19.41	19.70	21.00
		HIGH	64QAM	19.59	19.85	19.39	21.00
	100	LOW	64QAM	19.85	20.13	19.59	21.00

8.3.9 LTE Band38 Output Power

LTE B38-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	18.68	18.85	18.92	20.00
		MID	QPSK	18.94	18.89	18.97	20.00
		HIGH	QPSK	18.99	19.08	19.13	20.00
	12	LOW	QPSK	18.86	18.90	19.00	20.00
		MID	QPSK	19.13	19.11	18.89	20.00
		HIGH	QPSK	19.02	19.07	19.09	20.00
	25	LOW	QPSK	18.77	19.10	18.88	20.00
5	1	LOW	Q16	18.85	18.93	19.45	20.00
		MID	Q16	19.00	19.02	19.52	20.00
		HIGH	Q16	19.09	19.17	19.48	20.00
	12	LOW	Q16	18.87	18.83	19.10	20.00
		MID	Q16	18.91	18.92	19.04	20.00
		HIGH	Q16	19.05	19.11	18.94	20.00
	25	LOW	Q16	18.95	19.16	19.00	20.00
5	1	LOW	64QAM	19.08	19.14	18.89	20.00
		MID	64QAM	18.97	18.94	19.16	20.00
		HIGH	64QAM	18.91	19.09	19.42	20.00
	12	LOW	64QAM	18.57	18.92	18.94	20.00
		MID	64QAM	18.77	18.73	19.37	20.00
		HIGH	64QAM	18.82	18.92	18.92	20.00
	25	LOW	64QAM	18.72	18.96	18.83	20.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	18.75	18.80	18.79	20.00
		MID	QPSK	18.90	19.05	19.12	20.00
		HIGH	QPSK	18.84	18.96	19.15	20.00
	25	LOW	QPSK	19.01	18.90	18.90	20.00
		MID	QPSK	19.09	19.17	19.14	20.00
		HIGH	QPSK	18.90	18.97	19.07	20.00
	50	LOW	QPSK	18.87	19.02	18.91	20.00
10	1	LOW	Q16	19.07	19.10	19.49	20.00
		MID	Q16	18.92	19.03	19.40	20.00
		HIGH	Q16	19.09	19.15	19.31	20.00
	25	LOW	Q16	18.80	18.98	18.81	20.00
		MID	Q16	19.04	18.99	19.25	20.00
		HIGH	Q16	18.76	19.19	18.92	20.00
	50	LOW	Q16	18.84	18.95	18.87	20.00
10	1	LOW	64QAM	19.00	19.20	19.12	20.00
		MID	64QAM	18.89	19.02	19.26	20.00
		HIGH	64QAM	18.91	19.03	19.26	20.00
	25	LOW	64QAM	18.63	18.88	18.96	20.00
		MID	64QAM	18.96	18.73	19.37	20.00
		HIGH	64QAM	18.65	19.04	19.15	20.00
	50	LOW	64QAM	18.67	18.92	18.96	20.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	18.77	18.87	18.98	20.00
		MID	QPSK	18.99	18.95	19.14	20.00
		HIGH	QPSK	18.80	18.94	19.00	20.00
	36	LOW	QPSK	18.99	18.90	19.02	20.00
		MID	QPSK	18.97	18.88	18.91	20.00
		HIGH	QPSK	18.89	18.84	19.07	20.00
	75	LOW	QPSK	19.04	18.94	18.99	20.00
15	1	LOW	Q16	18.81	18.99	19.25	20.00
		MID	Q16	18.92	18.94	19.27	20.00
		HIGH	Q16	18.94	19.31	19.50	20.00
	36	LOW	Q16	18.91	18.98	19.10	20.00
		MID	Q16	18.91	18.94	19.04	20.00
		HIGH	Q16	18.76	18.94	19.17	20.00
	75	LOW	Q16	18.88	18.93	18.83	20.00
15	1	LOW	64QAM	19.16	19.20	18.85	20.00
		MID	64QAM	19.08	18.98	19.30	20.00
		HIGH	64QAM	19.03	19.13	19.22	20.00
	36	LOW	64QAM	18.81	19.00	18.87	20.00
		MID	64QAM	18.94	19.00	19.17	20.00
		HIGH	64QAM	18.88	19.06	19.15	20.00
	75	LOW	64QAM	18.80	19.04	18.81	20.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	18.83	18.93	18.98	20.00
		MID	QPSK	18.90	18.97	19.08	20.00
		HIGH	QPSK	18.99	19.00	**19.11**	20.00
	50	LOW	QPSK	18.95	18.92	18.94	20.00
		MID	QPSK	19.03	19.07	**19.08**	20.00
		HIGH	QPSK	18.98	19.01	19.07	20.00
	100	LOW	QPSK	18.98	**19.04**	19.01	20.00
20	1	LOW	Q16	19.18	19.14	19.41	20.00
		MID	Q16	19.22	19.13	19.48	20.00
		HIGH	Q16	19.25	19.23	19.52	20.00
	50	LOW	Q16	18.95	18.94	19.02	20.00
		MID	Q16	19.00	19.09	19.17	20.00
		HIGH	Q16	18.97	19.09	19.13	20.00
	100	LOW	Q16	18.97	19.06	19.00	20.00
20	1	LOW	64QAM	19.26	19.16	19.22	20.00
		MID	64QAM	19.30	19.00	19.46	20.00
		HIGH	64QAM	19.19	19.13	19.58	20.00
	50	LOW	64QAM	18.74	18.96	19.00	20.00
		MID	64QAM	18.92	18.92	19.27	20.00
		HIGH	64QAM	18.80	18.98	19.07	20.00
	100	LOW	64QAM	18.80	18.96	19.02	20.00

LTE B38-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.53	16.65	16.80	17.50
		MID	QPSK	16.44	16.71	16.87	17.50
		HIGH	QPSK	16.69	16.49	16.87	17.50
	12	LOW	QPSK	16.79	16.50	16.60	17.50
		MID	QPSK	16.58	16.80	16.74	17.50
		HIGH	QPSK	16.83	16.86	16.89	17.50
	25	LOW	QPSK	16.79	16.65	16.63	17.50
5	1	LOW	Q16	16.66	16.51	16.83	17.50
		MID	Q16	16.69	16.61	17.06	17.50
		HIGH	Q16	16.76	16.67	16.99	17.50
	12	LOW	Q16	16.57	16.61	16.71	17.50
		MID	Q16	16.69	16.68	16.98	17.50
		HIGH	Q16	16.63	16.78	16.69	17.50
	25	LOW	Q16	16.59	16.65	16.65	17.50
5	1	LOW	64QAM	16.71	16.56	16.73	17.50
		MID	64QAM	16.67	16.45	16.94	17.50
		HIGH	64QAM	16.66	16.83	17.16	17.50
	12	LOW	64QAM	16.59	16.68	16.61	17.50
		MID	64QAM	16.77	16.70	16.78	17.50
		HIGH	64QAM	16.76	16.85	16.74	17.50
	25	LOW	64QAM	16.66	16.55	16.74	17.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.63	16.56	16.69	17.50
		MID	QPSK	16.62	16.49	16.79	17.50
		HIGH	QPSK	16.79	16.67	16.87	17.50
	25	LOW	QPSK	16.57	16.73	16.54	17.50
		MID	QPSK	16.61	16.90	16.85	17.50
		HIGH	QPSK	16.78	16.88	16.65	17.50
	50	LOW	QPSK	16.62	16.82	16.63	17.50
10	1	LOW	Q16	16.84	16.61	17.05	17.50
		MID	Q16	16.86	16.61	17.08	17.50
		HIGH	Q16	16.76	16.86	17.12	17.50
	25	LOW	Q16	16.66	16.80	16.79	17.50
		MID	Q16	16.82	16.80	16.85	17.50
		HIGH	Q16	16.63	16.75	16.89	17.50
	50	LOW	Q16	16.76	16.70	16.84	17.50
10	1	LOW	64QAM	16.73	16.53	16.76	17.50
		MID	64QAM	16.87	16.39	16.74	17.50
		HIGH	64QAM	16.81	16.89	16.97	17.50
	25	LOW	64QAM	16.79	16.50	16.71	17.50
		MID	64QAM	16.73	16.76	16.90	17.50
		HIGH	64QAM	16.60	16.80	16.69	17.50
	50	LOW	64QAM	16.58	16.74	16.78	17.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	16.51	16.53	16.57	17.50
		MID	QPSK	16.47	16.63	16.64	17.50
		HIGH	QPSK	16.63	16.52	16.75	17.50
	36	LOW	QPSK	16.57	16.56	16.60	17.50
		MID	QPSK	16.80	16.71	16.63	17.50
		HIGH	QPSK	16.69	16.85	16.77	17.50
	75	LOW	QPSK	16.57	16.72	16.66	17.50
15	1	LOW	Q16	16.84	16.62	17.05	17.50
		MID	Q16	16.79	16.59	16.82	17.50
		HIGH	Q16	16.83	16.65	17.07	17.50
	36	LOW	Q16	16.52	16.60	16.62	17.50
		MID	Q16	16.85	16.88	16.90	17.50
		HIGH	Q16	16.78	16.70	16.74	17.50
	75	LOW	Q16	16.78	16.82	16.92	17.50
15	1	LOW	64QAM	16.63	16.59	16.78	17.50
		MID	64QAM	16.79	16.40	16.69	17.50
		HIGH	64QAM	16.66	16.86	17.16	17.50
	36	LOW	64QAM	16.74	16.65	16.81	17.50
		MID	64QAM	16.83	16.66	16.82	17.50
		HIGH	64QAM	16.78	16.90	16.77	17.50
	75	LOW	64QAM	16.53	16.75	16.88	17.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	16.63	16.63	16.72	17.50
		MID	QPSK	16.62	16.66	16.79	17.50
		HIGH	QPSK	16.71	16.67	**16.85**	17.50
	50	LOW	QPSK	16.72	16.68	16.72	17.50
		MID	QPSK	16.73	16.83	16.82	17.50
		HIGH	QPSK	16.76	16.83	**16.84**	17.50
	100	LOW	QPSK	16.72	**16.80**	16.78	17.50
20	1	LOW	Q16	16.76	16.69	17.00	17.50
		MID	Q16	16.84	16.74	17.01	17.50
		HIGH	Q16	16.81	16.84	17.09	17.50
	50	LOW	Q16	16.69	16.73	16.79	17.50
		MID	Q16	16.77	16.85	16.90	17.50
		HIGH	Q16	16.73	16.83	16.86	17.50
	100	LOW	Q16	16.71	16.82	16.84	17.50
20	1	LOW	64QAM	16.73	16.56	16.88	17.50
		MID	64QAM	16.82	16.57	16.86	17.50
		HIGH	64QAM	16.76	16.81	17.16	17.50
	50	LOW	64QAM	16.71	16.60	16.79	17.50
		MID	64QAM	16.85	16.83	16.92	17.50
		HIGH	64QAM	16.73	16.90	16.74	17.50
	100	LOW	64QAM	16.61	16.67	16.86	17.50

LTE B38-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.22	16.14	16.25	17.00
		MID	QPSK	16.16	16.12	**16.44**	17.00
		HIGH	QPSK	16.31	16.34	16.33	17.00
	12	LOW	QPSK	16.14	16.31	16.35	17.00
		MID	QPSK	16.33	16.46	**16.49**	17.00
		HIGH	QPSK	16.24	16.44	16.32	17.00
	25	LOW	QPSK	16.26	16.44	**16.47**	17.00
5	1	LOW	Q16	16.16	16.22	16.55	17.00
		MID	Q16	16.44	16.54	16.50	17.00
		HIGH	Q16	16.36	16.20	16.66	17.00
	12	LOW	Q16	16.19	16.30	16.25	17.00
		MID	Q16	16.26	16.37	16.36	17.00
		HIGH	Q16	16.23	16.51	16.32	17.00
	25	LOW	Q16	16.33	16.33	16.55	17.00
5	1	LOW	64QAM	15.99	16.47	16.62	17.00
		MID	64QAM	16.20	16.51	16.56	17.00
		HIGH	64QAM	16.36	16.18	16.58	17.00
	12	LOW	64QAM	16.25	16.21	16.18	17.00
		MID	64QAM	16.23	16.17	16.53	17.00
		HIGH	64QAM	16.06	16.40	16.40	17.00
	25	LOW	64QAM	16.22	16.36	16.37	17.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.07	16.20	16.43	17.00
		MID	QPSK	16.04	16.22	16.28	17.00
		HIGH	QPSK	16.18	16.32	**16.48**	17.00
	25	LOW	QPSK	16.38	16.27	16.30	17.00
		MID	QPSK	16.23	16.31	**16.54**	17.00
		HIGH	QPSK	16.24	16.37	16.49	17.00
	50	LOW	QPSK	16.15	16.44	**16.47**	17.00
10	1	LOW	Q16	16.29	16.15	16.54	17.00
		MID	Q16	16.39	16.56	16.51	17.00
		HIGH	Q16	16.42	16.36	16.70	17.00
	25	LOW	Q16	16.19	16.34	16.26	17.00
		MID	Q16	16.29	16.33	16.60	17.00
		HIGH	Q16	16.28	16.49	16.49	17.00
	50	LOW	Q16	16.12	16.49	16.29	17.00
10	1	LOW	64QAM	16.12	16.47	16.47	17.00
		MID	64QAM	16.31	16.34	16.48	17.00
		HIGH	64QAM	16.26	16.22	16.48	17.00
	25	LOW	64QAM	16.12	16.22	16.26	17.00
		MID	64QAM	16.22	16.15	16.47	17.00
		HIGH	64QAM	16.24	16.55	16.39	17.00
	50	LOW	64QAM	16.19	16.39	16.32	17.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	16.28	16.22	**16.46**	17.00
		MID	QPSK	16.04	16.17	16.29	17.00
		HIGH	QPSK	16.33	16.32	16.33	17.00
	36	LOW	QPSK	16.19	16.14	**16.37**	17.00
		MID	QPSK	16.33	16.27	16.32	17.00
		HIGH	QPSK	16.34	16.32	16.34	17.00
	75	LOW	QPSK	16.22	16.39	**16.45**	17.00
15	1	LOW	Q16	16.40	16.28	16.67	17.00
		MID	Q16	16.48	16.49	16.46	17.00
		HIGH	Q16	16.54	16.25	16.55	17.00
	36	LOW	Q16	16.40	16.17	16.41	17.00
		MID	Q16	16.34	16.27	16.43	17.00
		HIGH	Q16	16.26	16.46	16.31	17.00
	75	LOW	Q16	16.28	16.39	16.40	17.00
15	1	LOW	64QAM	16.11	16.25	16.68	17.00
		MID	64QAM	16.12	16.49	16.56	17.00
		HIGH	64QAM	16.42	16.17	16.48	17.00
	36	LOW	64QAM	16.20	16.27	16.36	17.00
		MID	64QAM	16.12	16.26	16.48	17.00
		HIGH	64QAM	16.25	16.50	16.24	17.00
	75	LOW	64QAM	16.08	16.49	16.32	17.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	16.20	16.27	16.38	17.00
		MID	QPSK	16.22	16.30	16.36	17.00
		HIGH	QPSK	16.31	16.32	**16.48**	17.00
	50	LOW	QPSK	16.30	16.29	16.35	17.00
		MID	QPSK	16.36	16.43	**16.47**	17.00
		HIGH	QPSK	16.34	16.37	16.44	17.00
	100	LOW	QPSK	16.33	16.41	**16.42**	17.00
20	1	LOW	Q16	16.32	16.33	16.62	17.00
		MID	Q16	16.41	16.51	16.63	17.00
		HIGH	Q16	16.49	16.38	16.63	17.00
	50	LOW	Q16	16.32	16.32	16.41	17.00
		MID	Q16	16.36	16.45	16.53	17.00
		HIGH	Q16	16.33	16.44	16.47	17.00
	100	LOW	Q16	16.30	16.41	16.47	17.00
20	1	LOW	64QAM	16.17	16.40	16.60	17.00
		MID	64QAM	16.23	16.46	16.53	17.00
		HIGH	64QAM	16.34	16.33	16.66	17.00
	50	LOW	64QAM	16.22	16.24	16.34	17.00
		MID	64QAM	16.20	16.33	16.50	17.00
		HIGH	64QAM	16.22	16.52	16.37	17.00
	100	LOW	64QAM	16.19	16.46	16.44	17.00

LTE B38-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.22	16.14	16.25	17.00
		MID	QPSK	16.16	16.12	**16.44**	17.00
		HIGH	QPSK	16.31	16.34	16.33	17.00
	12	LOW	QPSK	16.14	16.31	16.35	17.00
		MID	QPSK	16.33	16.46	**16.49**	17.00
		HIGH	QPSK	16.24	16.44	16.32	17.00
	25	LOW	QPSK	16.26	16.44	**16.47**	17.00
5	1	LOW	Q16	16.16	16.22	16.55	17.00
		MID	Q16	16.44	16.54	16.50	17.00
		HIGH	Q16	16.36	16.20	16.66	17.00
	12	LOW	Q16	16.19	16.30	16.25	17.00
		MID	Q16	16.26	16.37	16.36	17.00
		HIGH	Q16	16.23	16.51	16.32	17.00
	25	LOW	Q16	16.33	16.33	16.55	17.00
5	1	LOW	64QAM	15.99	16.47	16.62	17.00
		MID	64QAM	16.20	16.51	16.56	17.00
		HIGH	64QAM	16.36	16.18	16.58	17.00
	12	LOW	64QAM	16.25	16.21	16.18	17.00
		MID	64QAM	16.23	16.17	16.53	17.00
		HIGH	64QAM	16.06	16.40	16.40	17.00
	25	LOW	64QAM	16.22	16.36	16.37	17.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.07	16.20	16.43	17.00
		MID	QPSK	16.04	16.22	16.28	17.00
		HIGH	QPSK	16.18	16.32	**16.48**	17.00
	25	LOW	QPSK	16.38	16.27	16.30	17.00
		MID	QPSK	16.23	16.31	**16.54**	17.00
		HIGH	QPSK	16.24	16.37	16.49	17.00
	50	LOW	QPSK	16.15	16.44	**16.47**	17.00
10	1	LOW	Q16	16.29	16.15	16.54	17.00
		MID	Q16	16.39	16.56	16.51	17.00
		HIGH	Q16	16.42	16.36	16.70	17.00
	25	LOW	Q16	16.19	16.34	16.26	17.00
		MID	Q16	16.29	16.33	16.60	17.00
		HIGH	Q16	16.28	16.49	16.49	17.00
	50	LOW	Q16	16.12	16.49	16.29	17.00
10	1	LOW	64QAM	16.12	16.47	16.47	17.00
		MID	64QAM	16.31	16.34	16.48	17.00
		HIGH	64QAM	16.26	16.22	16.48	17.00
	25	LOW	64QAM	16.12	16.22	16.26	17.00
		MID	64QAM	16.22	16.15	16.47	17.00
		HIGH	64QAM	16.24	16.55	16.39	17.00
	50	LOW	64QAM	16.19	16.39	16.32	17.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	16.28	16.22	**16.46**	17.00
		MID	QPSK	16.04	16.17	16.29	17.00
		HIGH	QPSK	16.33	16.32	16.33	17.00
	36	LOW	QPSK	16.19	16.14	**16.37**	17.00
		MID	QPSK	16.33	16.27	16.32	17.00
		HIGH	QPSK	16.34	16.32	16.34	17.00
	75	LOW	QPSK	16.22	16.39	**16.45**	17.00
15	1	LOW	Q16	16.40	16.28	16.67	17.00
		MID	Q16	16.48	16.49	16.46	17.00
		HIGH	Q16	16.54	16.25	16.55	17.00
	36	LOW	Q16	16.40	16.17	16.41	17.00
		MID	Q16	16.34	16.27	16.43	17.00
		HIGH	Q16	16.26	16.46	16.31	17.00
	75	LOW	Q16	16.28	16.39	16.40	17.00
15	1	LOW	64QAM	16.11	16.25	16.68	17.00
		MID	64QAM	16.12	16.49	16.56	17.00
		HIGH	64QAM	16.42	16.17	16.48	17.00
	36	LOW	64QAM	16.20	16.27	16.36	17.00
		MID	64QAM	16.12	16.26	16.48	17.00
		HIGH	64QAM	16.25	16.50	16.24	17.00
	75	LOW	64QAM	16.08	16.49	16.32	17.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	16.20	16.27	16.38	17.00
		MID	QPSK	16.22	16.30	16.36	17.00
		HIGH	QPSK	16.31	16.32	**16.48**	17.00
	50	LOW	QPSK	16.30	16.29	16.35	17.00
		MID	QPSK	16.36	16.43	**16.47**	17.00
		HIGH	QPSK	16.34	16.37	16.44	17.00
	100	LOW	QPSK	16.33	16.41	**16.42**	17.00
20	1	LOW	Q16	16.32	16.33	16.62	17.00
		MID	Q16	16.41	16.51	16.63	17.00
		HIGH	Q16	16.49	16.38	16.63	17.00
	50	LOW	Q16	16.32	16.32	16.41	17.00
		MID	Q16	16.36	16.45	16.53	17.00
		HIGH	Q16	16.33	16.44	16.47	17.00
	100	LOW	Q16	16.30	16.41	16.47	17.00
20	1	LOW	64QAM	16.17	16.40	16.60	17.00
		MID	64QAM	16.23	16.46	16.53	17.00
		HIGH	64QAM	16.34	16.33	16.66	17.00
	50	LOW	64QAM	16.22	16.24	16.34	17.00
		MID	64QAM	16.20	16.33	16.50	17.00
		HIGH	64QAM	16.22	16.52	16.37	17.00
	100	LOW	64QAM	16.19	16.46	16.44	17.00

LTE B38-State 11-Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	**20.95**	20.89	20.90	22.00
		MID	QPSK	20.84	20.70	20.85	22.00
		HIGH	QPSK	20.73	20.70	20.91	22.00
	12	LOW	QPSK	21.00	20.93	20.95	22.00
		MID	QPSK	20.98	21.02	**21.04**	22.00
		HIGH	QPSK	20.88	20.81	20.81	22.00
	25	LOW	QPSK	20.91	**21.06**	20.70	22.00
5	1	LOW	Q16	21.24	21.11	21.17	22.00
		MID	Q16	21.25	21.03	21.15	22.00
		HIGH	Q16	21.07	21.08	21.09	22.00
	12	LOW	Q16	21.12	21.03	20.70	22.00
		MID	Q16	21.09	21.12	20.95	22.00
		HIGH	Q16	20.80	20.78	20.94	22.00
	25	LOW	Q16	20.97	20.96	20.85	22.00
5	1	LOW	64QAM	21.11	20.89	20.83	22.00
		MID	64QAM	20.64	20.56	21.02	22.00
		HIGH	64QAM	20.97	20.68	21.32	22.00
	12	LOW	64QAM	20.20	20.07	20.29	21.00
		MID	64QAM	20.32	20.16	20.24	21.00
		HIGH	64QAM	20.57	20.37	20.78	21.00
	25	LOW	64QAM	20.89	20.43	20.21	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.95	20.89	**21.07**	22.00
		MID	QPSK	20.96	21.03	20.87	22.00
		HIGH	QPSK	20.84	20.90	20.95	22.00
	25	LOW	QPSK	**21.02**	20.78	20.70	22.00
		MID	QPSK	21.00	20.93	20.75	22.00
		HIGH	QPSK	20.90	20.73	20.76	22.00
	50	LOW	QPSK	**21.13**	21.04	20.97	22.00
10	1	LOW	Q16	21.22	20.90	21.13	22.00
		MID	Q16	21.27	21.01	21.22	22.00
		HIGH	Q16	21.09	20.89	21.22	22.00
	25	LOW	Q16	20.91	20.87	20.83	22.00
		MID	Q16	21.07	21.10	20.82	22.00
		HIGH	Q16	20.93	20.89	21.00	22.00
	50	LOW	Q16	20.82	21.08	20.72	22.00
10	1	LOW	64QAM	20.96	20.87	20.81	22.00
		MID	64QAM	20.60	20.75	21.08	22.00
		HIGH	64QAM	20.82	20.70	21.32	22.00
	25	LOW	64QAM	20.10	20.29	20.39	21.00
		MID	64QAM	20.24	20.18	20.28	21.00
		HIGH	64QAM	20.57	20.46	20.80	21.00
	50	LOW	64QAM	20.85	20.43	20.33	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.84	20.97	20.88	22.00
		MID	QPSK	20.86	**21.03**	20.87	22.00
		HIGH	QPSK	20.88	20.90	20.91	22.00
	36	LOW	QPSK	20.83	20.89	20.70	22.00
		MID	QPSK	20.85	20.89	21.00	22.00
		HIGH	QPSK	**21.05**	21.04	20.83	22.00
	75	LOW	QPSK	**21.02**	20.79	20.79	22.00
15	1	LOW	Q16	21.10	20.86	21.36	22.00
		MID	Q16	21.22	20.86	21.30	22.00
		HIGH	Q16	21.32	20.95	21.13	22.00
	36	LOW	Q16	21.00	20.82	20.83	22.00
		MID	Q16	21.09	21.14	20.93	22.00
		HIGH	Q16	20.99	20.87	20.73	22.00
	75	LOW	Q16	21.07	21.04	20.68	22.00
15	1	LOW	64QAM	21.09	20.66	20.99	22.00
		MID	64QAM	20.66	20.67	20.93	22.00
		HIGH	64QAM	20.90	20.78	21.11	22.00
	36	LOW	64QAM	20.32	20.31	20.27	21.00
		MID	64QAM	20.34	20.28	20.32	21.00
		HIGH	64QAM	20.37	20.66	20.74	21.00
	75	LOW	64QAM	20.64	20.35	20.25	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.97	20.97	**21.01**	22.00
		MID	QPSK	20.92	20.93	20.91	22.00
		HIGH	QPSK	20.90	20.82	20.87	22.00
	50	LOW	QPSK	20.89	20.95	21.02	22.00
		MID	QPSK	20.94	**21.06**	**21.06**	22.00
		HIGH	QPSK	20.89	20.94	21.01	22.00
	100	LOW	QPSK	20.89	20.98	**21.02**	22.00
20	1	LOW	Q16	21.33	21.09	21.34	22.00
		MID	Q16	21.31	21.09	21.28	22.00
		HIGH	Q16	21.26	21.12	21.26	22.00
	50	LOW	Q16	21.04	20.95	20.93	22.00
		MID	Q16	21.03	21.10	21.01	22.00
		HIGH	Q16	20.99	20.97	20.92	22.00
	100	LOW	Q16	20.99	21.00	20.85	22.00
20	1	LOW	64QAM	21.11	20.87	20.91	22.00
		MID	64QAM	20.83	20.75	21.06	22.00
		HIGH	64QAM	21.03	20.76	21.34	22.00
	50	LOW	64QAM	20.28	20.25	20.47	21.00
		MID	64QAM	20.26	20.28	20.42	21.00
		HIGH	64QAM	20.53	20.58	20.84	21.00
	100	LOW	64QAM	20.81	20.43	20.41	21.00

LTE B38-State 15 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.71	19.73	20.50
		MID	QPSK	19.83	19.76	19.66	20.50
		HIGH	QPSK	19.65	**19.94**	19.70	20.50
	12	LOW	QPSK	19.71	**19.93**	19.78	20.50
		MID	QPSK	19.82	19.79	19.91	20.50
		HIGH	QPSK	19.66	19.67	19.84	20.50
	25	LOW	QPSK	19.69	19.75	**19.90**	20.50
5	1	LOW	Q16	19.55	19.85	19.97	20.50
		MID	Q16	19.68	19.96	20.11	20.50
		HIGH	Q16	19.85	20.08	19.97	20.50
	12	LOW	Q16	19.58	19.74	19.64	20.50
		MID	Q16	19.77	19.88	19.79	20.50
		HIGH	Q16	19.86	19.72	19.79	20.50
	25	LOW	Q16	19.72	19.71	19.91	20.50
5	1	LOW	64QAM	19.97	19.83	20.07	20.50
		MID	64QAM	19.72	19.82	20.11	20.50
		HIGH	64QAM	19.69	19.82	20.15	20.50
	12	LOW	64QAM	19.80	19.42	19.66	20.50
		MID	64QAM	19.85	19.94	19.69	20.50
		HIGH	64QAM	19.88	20.00	20.01	20.50
	25	LOW	64QAM	19.86	19.69	19.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.63	**19.89**	19.77	20.50
		MID	QPSK	19.85	19.76	19.88	20.50
		HIGH	QPSK	19.81	19.76	19.80	20.50
	25	LOW	QPSK	19.77	19.87	19.62	20.50
		MID	QPSK	**19.88**	19.77	19.85	20.50
		HIGH	QPSK	19.62	19.81	19.86	20.50
	50	LOW	QPSK	19.77	**19.87**	19.76	20.50
10	1	LOW	Q16	19.65	19.81	20.15	20.50
		MID	Q16	19.72	19.96	20.19	20.50
		HIGH	Q16	19.69	20.02	19.97	20.50
	25	LOW	Q16	19.90	19.66	19.60	20.50
		MID	Q16	19.67	20.02	20.01	20.50
		HIGH	Q16	19.78	19.84	19.95	20.50
	50	LOW	Q16	19.76	19.91	19.89	20.50
10	1	LOW	64QAM	19.99	19.93	20.03	20.50
		MID	64QAM	19.84	19.94	20.35	20.50
		HIGH	64QAM	19.71	20.00	20.07	20.50
	25	LOW	64QAM	19.62	19.46	19.74	20.50
		MID	64QAM	19.65	19.80	19.95	20.50
		HIGH	64QAM	19.70	19.94	19.77	20.50
	50	LOW	64QAM	19.74	19.81	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.67	19.61	19.77	20.50
		MID	QPSK	19.57	19.60	**19.86**	20.50
		HIGH	QPSK	19.79	19.70	19.82	20.50
	36	LOW	QPSK	19.63	19.79	19.56	20.50
		MID	QPSK	19.68	19.69	**20.01**	20.50
		HIGH	QPSK	19.78	19.77	19.74	20.50
	75	LOW	QPSK	19.65	**19.89**	19.78	20.50
15	1	LOW	Q16	19.63	19.99	20.01	20.50
		MID	Q16	19.62	19.90	19.95	20.50
		HIGH	Q16	19.77	20.16	19.87	20.50
	36	LOW	Q16	19.68	19.76	19.60	20.50
		MID	Q16	19.77	19.88	19.77	20.50
		HIGH	Q16	19.66	19.82	20.03	20.50
	75	LOW	Q16	19.60	19.95	19.83	20.50
15	1	LOW	64QAM	19.79	19.87	20.13	20.50
		MID	64QAM	19.88	19.96	20.21	20.50
		HIGH	64QAM	19.67	20.06	19.91	20.50
	36	LOW	64QAM	19.50	19.56	19.50	20.50
		MID	64QAM	19.87	20.06	19.89	20.50
		HIGH	64QAM	19.82	19.78	19.81	20.50
	75	LOW	64QAM	19.96	19.65	19.73	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.69	19.79	19.87	20.50
		MID	QPSK	19.77	19.82	19.88	20.50
		HIGH	QPSK	19.77	19.86	**19.92**	20.50
	50	LOW	QPSK	19.79	19.83	19.78	20.50
		MID	QPSK	19.86	19.91	**19.95**	20.50
		HIGH	QPSK	19.82	19.89	19.90	20.50
	100	LOW	QPSK	19.81	19.89	**19.90**	20.50
20	1	LOW	Q16	19.51	19.87	20.11	20.50
		MID	Q16	19.86	19.82	20.07	20.50
		HIGH	Q16	19.77	20.12	20.17	20.50
	50	LOW	Q16	19.78	19.70	19.60	20.50
		MID	Q16	19.83	19.80	19.85	20.50
		HIGH	Q16	19.64	19.94	19.91	20.50
	100	LOW	Q16	19.62	19.69	19.95	20.50
20	1	LOW	64QAM	19.77	19.95	20.07	20.50
		MID	64QAM	19.92	19.68	20.05	20.50
		HIGH	64QAM	19.87	19.92	20.17	20.50
	50	LOW	64QAM	19.80	19.34	19.54	20.50
		MID	64QAM	19.77	19.74	19.83	20.50
		HIGH	64QAM	19.76	19.90	19.77	20.50
	100	LOW	64QAM	19.70	19.65	19.61	20.50

LTE B38-State 17 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.71	19.73	20.50
		MID	QPSK	19.83	19.76	19.66	20.50
		HIGH	QPSK	19.65	**19.94**	19.70	20.50
	12	LOW	QPSK	19.71	**19.93**	19.78	20.50
		MID	QPSK	19.82	19.79	19.91	20.50
		HIGH	QPSK	19.66	19.67	19.84	20.50
	25	LOW	QPSK	19.69	19.75	**19.90**	20.50
5	1	LOW	Q16	19.55	19.85	19.97	20.50
		MID	Q16	19.68	19.96	20.11	20.50
		HIGH	Q16	19.85	20.08	19.97	20.50
	12	LOW	Q16	19.58	19.74	19.64	20.50
		MID	Q16	19.77	19.88	19.79	20.50
		HIGH	Q16	19.86	19.72	19.79	20.50
	25	LOW	Q16	19.72	19.71	19.91	20.50
5	1	LOW	64QAM	19.97	19.83	20.07	20.50
		MID	64QAM	19.72	19.82	20.11	20.50
		HIGH	64QAM	19.69	19.82	20.15	20.50
	12	LOW	64QAM	19.80	19.42	19.66	20.50
		MID	64QAM	19.85	19.94	19.69	20.50
		HIGH	64QAM	19.88	20.00	20.01	20.50
	25	LOW	64QAM	19.86	19.69	19.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.63	**19.89**	19.77	20.50
		MID	QPSK	19.85	19.76	19.88	20.50
		HIGH	QPSK	19.81	19.76	19.80	20.50
	25	LOW	QPSK	19.77	19.87	19.62	20.50
		MID	QPSK	**19.88**	19.77	19.85	20.50
		HIGH	QPSK	19.62	19.81	19.86	20.50
	50	LOW	QPSK	19.77	**19.87**	19.76	20.50
10	1	LOW	Q16	19.65	19.81	20.15	20.50
		MID	Q16	19.72	19.96	20.19	20.50
		HIGH	Q16	19.69	20.02	19.97	20.50
	25	LOW	Q16	19.90	19.66	19.60	20.50
		MID	Q16	19.67	20.02	20.01	20.50
		HIGH	Q16	19.78	19.84	19.95	20.50
	50	LOW	Q16	19.76	19.91	19.89	20.50
10	1	LOW	64QAM	19.99	19.93	20.03	20.50
		MID	64QAM	19.84	19.94	20.35	20.50
		HIGH	64QAM	19.71	20.00	20.07	20.50
	25	LOW	64QAM	19.62	19.46	19.74	20.50
		MID	64QAM	19.65	19.80	19.95	20.50
		HIGH	64QAM	19.70	19.94	19.77	20.50
	50	LOW	64QAM	19.74	19.81	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.67	19.61	19.77	20.50
		MID	QPSK	19.57	19.60	**19.86**	20.50
		HIGH	QPSK	19.79	19.70	19.82	20.50
	36	LOW	QPSK	19.63	19.79	19.56	20.50
		MID	QPSK	19.68	19.69	**20.01**	20.50
		HIGH	QPSK	19.78	19.77	19.74	20.50
	75	LOW	QPSK	19.65	**19.89**	19.78	20.50
15	1	LOW	Q16	19.63	19.99	20.01	20.50
		MID	Q16	19.62	19.90	19.95	20.50
		HIGH	Q16	19.77	20.16	19.87	20.50
	36	LOW	Q16	19.68	19.76	19.60	20.50
		MID	Q16	19.77	19.88	19.77	20.50
		HIGH	Q16	19.66	19.82	20.03	20.50
	75	LOW	Q16	19.60	19.95	19.83	20.50
15	1	LOW	64QAM	19.79	19.87	20.13	20.50
		MID	64QAM	19.88	19.96	20.21	20.50
		HIGH	64QAM	19.67	20.06	19.91	20.50
	36	LOW	64QAM	19.50	19.56	19.50	20.50
		MID	64QAM	19.87	20.06	19.89	20.50
		HIGH	64QAM	19.82	19.78	19.81	20.50
	75	LOW	64QAM	19.96	19.65	19.73	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.69	19.79	19.87	20.50
		MID	QPSK	19.77	19.82	19.88	20.50
		HIGH	QPSK	19.77	19.86	**19.92**	20.50
	50	LOW	QPSK	19.79	19.83	19.78	20.50
		MID	QPSK	19.86	19.91	**19.95**	20.50
		HIGH	QPSK	19.82	19.89	19.90	20.50
	100	LOW	QPSK	19.81	19.89	**19.90**	20.50
20	1	LOW	Q16	19.51	19.87	20.11	20.50
		MID	Q16	19.86	19.82	20.07	20.50
		HIGH	Q16	19.77	20.12	20.17	20.50
	50	LOW	Q16	19.78	19.70	19.60	20.50
		MID	Q16	19.83	19.80	19.85	20.50
		HIGH	Q16	19.64	19.94	19.91	20.50
	100	LOW	Q16	19.62	19.69	19.95	20.50
20	1	LOW	64QAM	19.77	19.95	20.07	20.50
		MID	64QAM	19.92	19.68	20.05	20.50
		HIGH	64QAM	19.87	19.92	20.17	20.50
	50	LOW	64QAM	19.80	19.34	19.54	20.50
		MID	64QAM	19.77	19.74	19.83	20.50
		HIGH	64QAM	19.76	19.90	19.77	20.50
	100	LOW	64QAM	19.70	19.65	19.61	20.50

LTE B38-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.71	19.73	20.50
		MID	QPSK	19.83	19.76	19.66	20.50
		HIGH	QPSK	19.65	**19.94**	19.70	20.50
	12	LOW	QPSK	19.71	**19.93**	19.78	20.50
		MID	QPSK	19.82	19.79	19.91	20.50
		HIGH	QPSK	19.66	19.67	19.84	20.50
	25	LOW	QPSK	19.69	19.75	**19.90**	20.50
5	1	LOW	Q16	19.55	19.85	19.97	20.50
		MID	Q16	19.68	19.96	20.11	20.50
		HIGH	Q16	19.85	20.08	19.97	20.50
	12	LOW	Q16	19.58	19.74	19.64	20.50
		MID	Q16	19.77	19.88	19.79	20.50
		HIGH	Q16	19.86	19.72	19.79	20.50
	25	LOW	Q16	19.72	19.71	19.91	20.50
5	1	LOW	64QAM	19.97	19.83	20.07	20.50
		MID	64QAM	19.72	19.82	20.11	20.50
		HIGH	64QAM	19.69	19.82	20.15	20.50
	12	LOW	64QAM	19.80	19.42	19.66	20.50
		MID	64QAM	19.85	19.94	19.69	20.50
		HIGH	64QAM	19.88	20.00	20.01	20.50
	25	LOW	64QAM	19.86	19.69	19.63	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.63	**19.89**	19.77	20.50
		MID	QPSK	19.85	19.76	19.88	20.50
		HIGH	QPSK	19.81	19.76	19.80	20.50
	25	LOW	QPSK	19.77	19.87	19.62	20.50
		MID	QPSK	**19.88**	19.77	19.85	20.50
		HIGH	QPSK	19.62	19.81	19.86	20.50
	50	LOW	QPSK	19.77	**19.87**	19.76	20.50
10	1	LOW	Q16	19.65	19.81	20.15	20.50
		MID	Q16	19.72	19.96	20.19	20.50
		HIGH	Q16	19.69	20.02	19.97	20.50
	25	LOW	Q16	19.90	19.66	19.60	20.50
		MID	Q16	19.67	20.02	20.01	20.50
		HIGH	Q16	19.78	19.84	19.95	20.50
	50	LOW	Q16	19.76	19.91	19.89	20.50
10	1	LOW	64QAM	19.99	19.93	20.03	20.50
		MID	64QAM	19.84	19.94	20.35	20.50
		HIGH	64QAM	19.71	20.00	20.07	20.50
	25	LOW	64QAM	19.62	19.46	19.74	20.50
		MID	64QAM	19.65	19.80	19.95	20.50
		HIGH	64QAM	19.70	19.94	19.77	20.50
	50	LOW	64QAM	19.74	19.81	19.55	20.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.67	19.61	19.77	20.50
		MID	QPSK	19.57	19.60	**19.86**	20.50
		HIGH	QPSK	19.79	19.70	19.82	20.50
	36	LOW	QPSK	19.63	19.79	19.56	20.50
		MID	QPSK	19.68	19.69	**20.01**	20.50
		HIGH	QPSK	19.78	19.77	19.74	20.50
	75	LOW	QPSK	19.65	**19.89**	19.78	20.50
15	1	LOW	Q16	19.63	19.99	20.01	20.50
		MID	Q16	19.62	19.90	19.95	20.50
		HIGH	Q16	19.77	20.16	19.87	20.50
	36	LOW	Q16	19.68	19.76	19.60	20.50
		MID	Q16	19.77	19.88	19.77	20.50
		HIGH	Q16	19.66	19.82	20.03	20.50
	75	LOW	Q16	19.60	19.95	19.83	20.50
15	1	LOW	64QAM	19.79	19.87	20.13	20.50
		MID	64QAM	19.88	19.96	20.21	20.50
		HIGH	64QAM	19.67	20.06	19.91	20.50
	36	LOW	64QAM	19.50	19.56	19.50	20.50
		MID	64QAM	19.87	20.06	19.89	20.50
		HIGH	64QAM	19.82	19.78	19.81	20.50
	75	LOW	64QAM	19.96	19.65	19.73	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.69	19.79	19.87	20.50
		MID	QPSK	19.77	19.82	19.88	20.50
		HIGH	QPSK	19.77	19.86	**19.92**	20.50
	50	LOW	QPSK	19.79	19.83	19.78	20.50
		MID	QPSK	19.86	19.91	**19.95**	20.50
		HIGH	QPSK	19.82	19.89	19.90	20.50
	100	LOW	QPSK	19.81	19.89	**19.90**	20.50
20	1	LOW	Q16	19.51	19.87	20.11	20.50
		MID	Q16	19.86	19.82	20.07	20.50
		HIGH	Q16	19.77	20.12	20.17	20.50
	50	LOW	Q16	19.78	19.70	19.60	20.50
		MID	Q16	19.83	19.80	19.85	20.50
		HIGH	Q16	19.64	19.94	19.91	20.50
	100	LOW	Q16	19.62	19.69	19.95	20.50
20	1	LOW	64QAM	19.77	19.95	20.07	20.50
		MID	64QAM	19.92	19.68	20.05	20.50
		HIGH	64QAM	19.87	19.92	20.17	20.50
	50	LOW	64QAM	19.80	19.34	19.54	20.50
		MID	64QAM	19.77	19.74	19.83	20.50
		HIGH	64QAM	19.76	19.90	19.77	20.50
	100	LOW	64QAM	19.70	19.65	19.61	20.50

LTE B38-State 12 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.82	23.09	23.20	24.00
		MID	QPSK	23.13	22.96	22.98	24.00
		HIGH	QPSK	23.07	22.72	23.26	24.00
	12	LOW	QPSK	22.11	21.94	22.04	23.00
		MID	QPSK	21.98	22.04	22.03	23.00
		HIGH	QPSK	21.92	22.05	22.09	23.00
	25	LOW	QPSK	21.95	22.19	22.00	23.00
5	1	LOW	Q16	22.25	22.21	22.67	23.00
		MID	Q16	22.38	22.22	22.49	23.00
		HIGH	Q16	22.28	22.28	22.71	23.00
	12	LOW	Q16	21.09	21.11	21.04	22.00
		MID	Q16	21.12	21.03	21.21	22.00
		HIGH	Q16	21.15	20.86	21.05	22.00
	25	LOW	Q16	21.13	21.02	20.95	22.00
5	1	LOW	64QAM	21.03	20.88	21.13	22.00
		MID	64QAM	21.01	21.01	21.26	22.00
		HIGH	64QAM	21.07	21.09	20.95	22.00
	12	LOW	64QAM	20.43	20.10	20.21	21.00
		MID	64QAM	20.28	20.40	20.14	21.00
		HIGH	64QAM	19.98	19.98	20.21	21.00
	25	LOW	64QAM	20.18	19.93	20.50	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	22.83	23.18	24.00
		MID	QPSK	22.79	22.98	23.23	24.00
		HIGH	QPSK	23.02	23.04	23.00	24.00
	25	LOW	QPSK	21.87	22.12	22.24	23.00
		MID	QPSK	21.98	22.24	22.32	23.00
		HIGH	QPSK	22.10	22.05	22.14	23.00
	50	LOW	QPSK	22.08	22.12	22.11	23.00
10	1	LOW	Q16	22.16	22.34	22.44	23.00
		MID	Q16	22.34	22.31	22.35	23.00
		HIGH	Q16	22.33	22.24	22.44	23.00
	25	LOW	Q16	20.98	21.03	21.23	22.00
		MID	Q16	20.99	21.18	21.21	22.00
		HIGH	Q16	20.98	20.92	21.20	22.00
	50	LOW	Q16	20.90	21.10	21.20	22.00
10	1	LOW	64QAM	21.13	20.65	21.00	22.00
		MID	64QAM	21.22	20.89	21.29	22.00
		HIGH	64QAM	21.24	21.07	20.99	22.00
	25	LOW	64QAM	20.17	19.96	20.43	21.00
		MID	64QAM	20.36	20.34	20.08	21.00
		HIGH	64QAM	20.24	19.88	20.13	21.00
	50	LOW	64QAM	20.00	20.07	20.40	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.82	22.90	23.32	24.00
		MID	QPSK	22.81	23.12	23.12	24.00
		HIGH	QPSK	23.00	22.74	22.91	24.00
	36	LOW	QPSK	22.07	22.03	22.26	23.00
		MID	QPSK	22.04	22.13	22.30	23.00
		HIGH	QPSK	21.88	22.14	22.03	23.00
	75	LOW	QPSK	22.10	22.21	22.17	23.00
15	1	LOW	Q16	22.11	22.03	22.44	23.00
		MID	Q16	22.14	22.33	22.69	23.00
		HIGH	Q16	22.37	22.20	22.48	23.00
	36	LOW	Q16	21.13	21.01	21.32	22.00
		MID	Q16	21.18	21.27	21.04	22.00
		HIGH	Q16	20.88	21.18	21.26	22.00
	75	LOW	Q16	21.16	20.87	21.24	22.00
15	1	LOW	64QAM	21.07	20.63	21.23	22.00
		MID	64QAM	20.99	21.23	21.12	22.00
		HIGH	64QAM	21.07	21.03	21.09	22.00
	36	LOW	64QAM	20.35	19.96	20.23	21.00
		MID	64QAM	20.34	20.10	20.28	21.00
		HIGH	64QAM	20.20	20.00	20.23	21.00
	75	LOW	64QAM	20.06	20.13	20.34	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.00	23.04	**23.27**	24.00
		MID	QPSK	23.04	23.03	23.21	24.00
		HIGH	QPSK	23.00	22.97	23.14	24.00
	50	LOW	QPSK	22.09	22.01	22.15	23.00
		MID	QPSK	22.13	22.15	**22.23**	23.00
		HIGH	QPSK	22.10	22.03	22.16	23.00
	100	LOW	QPSK	22.10	22.12	**22.13**	23.00
20	1	LOW	Q16	22.36	22.25	22.62	23.00
		MID	Q16	22.34	22.22	22.60	23.00
		HIGH	Q16	22.37	22.24	22.62	23.00
	50	LOW	Q16	21.09	21.03	21.21	22.00
		MID	Q16	21.14	21.16	21.27	22.00
		HIGH	Q16	21.09	21.07	21.22	22.00
	100	LOW	Q16	21.05	21.08	21.16	22.00
20	1	LOW	64QAM	21.11	20.82	21.15	22.00
		MID	64QAM	21.20	21.12	21.18	22.00
		HIGH	64QAM	21.20	21.09	21.03	22.00
	50	LOW	64QAM	20.35	20.08	20.43	21.00
		MID	64QAM	20.40	20.32	20.26	21.00
		HIGH	64QAM	20.16	20.04	20.25	21.00
	100	LOW	64QAM	20.08	20.09	20.40	21.00

LTE B38-State 16 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.82	23.09	23.20	24.00
		MID	QPSK	23.13	22.96	22.98	24.00
		HIGH	QPSK	23.07	22.72	23.26	24.00
	12	LOW	QPSK	22.11	21.94	22.04	23.00
		MID	QPSK	21.98	22.04	22.03	23.00
		HIGH	QPSK	21.92	22.05	22.09	23.00
	25	LOW	QPSK	21.95	22.19	22.00	23.00
5	1	LOW	Q16	22.25	22.21	22.67	23.00
		MID	Q16	22.38	22.22	22.49	23.00
		HIGH	Q16	22.28	22.28	22.71	23.00
	12	LOW	Q16	21.09	21.11	21.04	22.00
		MID	Q16	21.12	21.03	21.21	22.00
		HIGH	Q16	21.15	20.86	21.05	22.00
	25	LOW	Q16	21.13	21.02	20.95	22.00
5	1	LOW	64QAM	21.03	20.88	21.13	22.00
		MID	64QAM	21.01	21.01	21.26	22.00
		HIGH	64QAM	21.07	21.09	20.95	22.00
	12	LOW	64QAM	20.43	20.10	20.21	21.00
		MID	64QAM	20.28	20.40	20.14	21.00
		HIGH	64QAM	19.98	19.98	20.21	21.00
	25	LOW	64QAM	20.18	19.93	20.50	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	22.83	23.18	24.00
		MID	QPSK	22.79	22.98	23.23	24.00
		HIGH	QPSK	23.02	23.04	23.00	24.00
	25	LOW	QPSK	21.87	22.12	22.24	23.00
		MID	QPSK	21.98	22.24	22.32	23.00
		HIGH	QPSK	22.10	22.05	22.14	23.00
	50	LOW	QPSK	22.08	22.12	22.11	23.00
10	1	LOW	Q16	22.16	22.34	22.44	23.00
		MID	Q16	22.34	22.31	22.35	23.00
		HIGH	Q16	22.33	22.24	22.44	23.00
	25	LOW	Q16	20.98	21.03	21.23	22.00
		MID	Q16	20.99	21.18	21.21	22.00
		HIGH	Q16	20.98	20.92	21.20	22.00
	50	LOW	Q16	20.90	21.10	21.20	22.00
10	1	LOW	64QAM	21.13	20.65	21.00	22.00
		MID	64QAM	21.22	20.89	21.29	22.00
		HIGH	64QAM	21.24	21.07	20.99	22.00
	25	LOW	64QAM	20.17	19.96	20.43	21.00
		MID	64QAM	20.36	20.34	20.08	21.00
		HIGH	64QAM	20.24	19.88	20.13	21.00
	50	LOW	64QAM	20.00	20.07	20.40	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.82	22.90	23.32	24.00
		MID	QPSK	22.81	23.12	23.12	24.00
		HIGH	QPSK	23.00	22.74	22.91	24.00
	36	LOW	QPSK	22.07	22.03	22.26	23.00
		MID	QPSK	22.04	22.13	22.30	23.00
		HIGH	QPSK	21.88	22.14	22.03	23.00
	75	LOW	QPSK	22.10	22.21	22.17	23.00
15	1	LOW	Q16	22.11	22.03	22.44	23.00
		MID	Q16	22.14	22.33	22.69	23.00
		HIGH	Q16	22.37	22.20	22.48	23.00
	36	LOW	Q16	21.13	21.01	21.32	22.00
		MID	Q16	21.18	21.27	21.04	22.00
		HIGH	Q16	20.88	21.18	21.26	22.00
	75	LOW	Q16	21.16	20.87	21.24	22.00
15	1	LOW	64QAM	21.07	20.63	21.23	22.00
		MID	64QAM	20.99	21.23	21.12	22.00
		HIGH	64QAM	21.07	21.03	21.09	22.00
	36	LOW	64QAM	20.35	19.96	20.23	21.00
		MID	64QAM	20.34	20.10	20.28	21.00
		HIGH	64QAM	20.20	20.00	20.23	21.00
	75	LOW	64QAM	20.06	20.13	20.34	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.00	23.04	23.27	24.00
		MID	QPSK	23.04	23.03	23.21	24.00
		HIGH	QPSK	23.00	22.97	23.14	24.00
	50	LOW	QPSK	22.09	22.01	22.15	23.00
		MID	QPSK	22.13	22.15	22.23	23.00
		HIGH	QPSK	22.10	22.03	22.16	23.00
	100	LOW	QPSK	22.10	22.12	22.13	23.00
20	1	LOW	Q16	22.36	22.25	22.62	23.00
		MID	Q16	22.34	22.22	22.60	23.00
		HIGH	Q16	22.37	22.24	22.62	23.00
	50	LOW	Q16	21.09	21.03	21.21	22.00
		MID	Q16	21.14	21.16	21.27	22.00
		HIGH	Q16	21.09	21.07	21.22	22.00
	100	LOW	Q16	21.05	21.08	21.16	22.00
20	1	LOW	64QAM	21.11	20.82	21.15	22.00
		MID	64QAM	21.20	21.12	21.18	22.00
		HIGH	64QAM	21.20	21.09	21.03	22.00
	50	LOW	64QAM	20.35	20.08	20.43	21.00
		MID	64QAM	20.40	20.32	20.26	21.00
		HIGH	64QAM	20.16	20.04	20.25	21.00
	100	LOW	64QAM	20.08	20.09	20.40	21.00

LTE B38-State 18 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.82	23.09	23.20	24.00
		MID	QPSK	23.13	22.96	22.98	24.00
		HIGH	QPSK	23.07	22.72	**23.26**	24.00
	12	LOW	QPSK	**22.11**	21.94	22.04	23.00
		MID	QPSK	21.98	22.04	22.03	23.00
		HIGH	QPSK	21.92	22.05	22.09	23.00
	25	LOW	QPSK	21.95	**22.19**	22.00	23.00
5	1	LOW	Q16	22.25	22.21	22.67	23.00
		MID	Q16	22.38	22.22	22.49	23.00
		HIGH	Q16	22.28	22.28	22.71	23.00
	12	LOW	Q16	21.09	21.11	21.04	22.00
		MID	Q16	21.12	21.03	21.21	22.00
		HIGH	Q16	21.15	20.86	21.05	22.00
	25	LOW	Q16	21.13	21.02	20.95	22.00
5	1	LOW	64QAM	21.03	20.88	21.13	22.00
		MID	64QAM	21.01	21.01	21.26	22.00
		HIGH	64QAM	21.07	21.09	20.95	22.00
	12	LOW	64QAM	20.43	20.10	20.21	21.00
		MID	64QAM	20.28	20.40	20.14	21.00
		HIGH	64QAM	19.98	19.98	20.21	21.00
	25	LOW	64QAM	20.18	19.93	20.50	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	22.83	23.18	24.00
		MID	QPSK	22.79	22.98	**23.23**	24.00
		HIGH	QPSK	23.02	23.04	23.00	24.00
	25	LOW	QPSK	21.87	22.12	22.24	23.00
		MID	QPSK	21.98	22.24	**22.32**	23.00
		HIGH	QPSK	22.10	22.05	22.14	23.00
	50	LOW	QPSK	22.08	**22.12**	22.11	23.00
10	1	LOW	Q16	22.16	22.34	22.44	23.00
		MID	Q16	22.34	22.31	22.35	23.00
		HIGH	Q16	22.33	22.24	22.44	23.00
	25	LOW	Q16	20.98	21.03	21.23	22.00
		MID	Q16	20.99	21.18	21.21	22.00
		HIGH	Q16	20.98	20.92	21.20	22.00
	50	LOW	Q16	20.90	21.10	21.20	22.00
10	1	LOW	64QAM	21.13	20.65	21.00	22.00
		MID	64QAM	21.22	20.89	21.29	22.00
		HIGH	64QAM	21.24	21.07	20.99	22.00
	25	LOW	64QAM	20.17	19.96	20.43	21.00
		MID	64QAM	20.36	20.34	20.08	21.00
		HIGH	64QAM	20.24	19.88	20.13	21.00
	50	LOW	64QAM	20.00	20.07	20.40	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.82	22.90	**23.32**	24.00
		MID	QPSK	22.81	23.12	23.12	24.00
		HIGH	QPSK	23.00	22.74	22.91	24.00
	36	LOW	QPSK	22.07	22.03	22.26	23.00
		MID	QPSK	22.04	22.13	**22.30**	23.00
		HIGH	QPSK	21.88	22.14	22.03	23.00
	75	LOW	QPSK	22.10	**22.21**	22.17	23.00
15	1	LOW	Q16	22.11	22.03	22.44	23.00
		MID	Q16	22.14	22.33	22.69	23.00
		HIGH	Q16	22.37	22.20	22.48	23.00
	36	LOW	Q16	21.13	21.01	21.32	22.00
		MID	Q16	21.18	21.27	21.04	22.00
		HIGH	Q16	20.88	21.18	21.26	22.00
	75	LOW	Q16	21.16	20.87	21.24	22.00
15	1	LOW	64QAM	21.07	20.63	21.23	22.00
		MID	64QAM	20.99	21.23	21.12	22.00
		HIGH	64QAM	21.07	21.03	21.09	22.00
	36	LOW	64QAM	20.35	19.96	20.23	21.00
		MID	64QAM	20.34	20.10	20.28	21.00
		HIGH	64QAM	20.20	20.00	20.23	21.00
	75	LOW	64QAM	20.06	20.13	20.34	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.00	23.04	**23.27**	24.00
		MID	QPSK	23.04	23.03	23.21	24.00
		HIGH	QPSK	23.00	22.97	23.14	24.00
	50	LOW	QPSK	22.09	22.01	22.15	23.00
		MID	QPSK	22.13	22.15	**22.23**	23.00
		HIGH	QPSK	22.10	22.03	22.16	23.00
	100	LOW	QPSK	22.10	22.12	**22.13**	23.00
20	1	LOW	Q16	22.36	22.25	22.62	23.00
		MID	Q16	22.34	22.22	22.60	23.00
		HIGH	Q16	22.37	22.24	22.62	23.00
	50	LOW	Q16	21.09	21.03	21.21	22.00
		MID	Q16	21.14	21.16	21.27	22.00
		HIGH	Q16	21.09	21.07	21.22	22.00
	100	LOW	Q16	21.05	21.08	21.16	22.00
20	1	LOW	64QAM	21.11	20.82	21.15	22.00
		MID	64QAM	21.20	21.12	21.18	22.00
		HIGH	64QAM	21.20	21.09	21.03	22.00
	50	LOW	64QAM	20.35	20.08	20.43	21.00
		MID	64QAM	20.40	20.32	20.26	21.00
		HIGH	64QAM	20.16	20.04	20.25	21.00
	100	LOW	64QAM	20.08	20.09	20.40	21.00

LTE B38-State 20 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.82	23.09	23.20	24.00
		MID	QPSK	23.13	22.96	22.98	24.00
		HIGH	QPSK	23.07	22.72	**23.26**	24.00
	12	LOW	QPSK	**22.11**	21.94	22.04	23.00
		MID	QPSK	21.98	22.04	22.03	23.00
		HIGH	QPSK	21.92	22.05	22.09	23.00
	25	LOW	QPSK	21.95	**22.19**	22.00	23.00
5	1	LOW	Q16	22.25	22.21	22.67	23.00
		MID	Q16	22.38	22.22	22.49	23.00
		HIGH	Q16	22.28	22.28	22.71	23.00
	12	LOW	Q16	21.09	21.11	21.04	22.00
		MID	Q16	21.12	21.03	21.21	22.00
		HIGH	Q16	21.15	20.86	21.05	22.00
	25	LOW	Q16	21.13	21.02	20.95	22.00
5	1	LOW	64QAM	21.03	20.88	21.13	22.00
		MID	64QAM	21.01	21.01	21.26	22.00
		HIGH	64QAM	21.07	21.09	20.95	22.00
	12	LOW	64QAM	20.43	20.10	20.21	21.00
		MID	64QAM	20.28	20.40	20.14	21.00
		HIGH	64QAM	19.98	19.98	20.21	21.00
	25	LOW	64QAM	20.18	19.93	20.50	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.09	22.83	23.18	24.00
		MID	QPSK	22.79	22.98	**23.23**	24.00
		HIGH	QPSK	23.02	23.04	23.00	24.00
	25	LOW	QPSK	21.87	22.12	22.24	23.00
		MID	QPSK	21.98	22.24	**22.32**	23.00
		HIGH	QPSK	22.10	22.05	22.14	23.00
	50	LOW	QPSK	22.08	**22.12**	22.11	23.00
10	1	LOW	Q16	22.16	22.34	22.44	23.00
		MID	Q16	22.34	22.31	22.35	23.00
		HIGH	Q16	22.33	22.24	22.44	23.00
	25	LOW	Q16	20.98	21.03	21.23	22.00
		MID	Q16	20.99	21.18	21.21	22.00
		HIGH	Q16	20.98	20.92	21.20	22.00
	50	LOW	Q16	20.90	21.10	21.20	22.00
10	1	LOW	64QAM	21.13	20.65	21.00	22.00
		MID	64QAM	21.22	20.89	21.29	22.00
		HIGH	64QAM	21.24	21.07	20.99	22.00
	25	LOW	64QAM	20.17	19.96	20.43	21.00
		MID	64QAM	20.36	20.34	20.08	21.00
		HIGH	64QAM	20.24	19.88	20.13	21.00
	50	LOW	64QAM	20.00	20.07	20.40	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.82	22.90	**23.32**	24.00
		MID	QPSK	22.81	23.12	23.12	24.00
		HIGH	QPSK	23.00	22.74	22.91	24.00
	36	LOW	QPSK	22.07	22.03	22.26	23.00
		MID	QPSK	22.04	22.13	**22.30**	23.00
		HIGH	QPSK	21.88	22.14	22.03	23.00
	75	LOW	QPSK	22.10	**22.21**	22.17	23.00
15	1	LOW	Q16	22.11	22.03	22.44	23.00
		MID	Q16	22.14	22.33	22.69	23.00
		HIGH	Q16	22.37	22.20	22.48	23.00
	36	LOW	Q16	21.13	21.01	21.32	22.00
		MID	Q16	21.18	21.27	21.04	22.00
		HIGH	Q16	20.88	21.18	21.26	22.00
	75	LOW	Q16	21.16	20.87	21.24	22.00
15	1	LOW	64QAM	21.07	20.63	21.23	22.00
		MID	64QAM	20.99	21.23	21.12	22.00
		HIGH	64QAM	21.07	21.03	21.09	22.00
	36	LOW	64QAM	20.35	19.96	20.23	21.00
		MID	64QAM	20.34	20.10	20.28	21.00
		HIGH	64QAM	20.20	20.00	20.23	21.00
	75	LOW	64QAM	20.06	20.13	20.34	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.00	23.04	**23.27**	24.00
		MID	QPSK	23.04	23.03	23.21	24.00
		HIGH	QPSK	23.00	22.97	23.14	24.00
	50	LOW	QPSK	22.09	22.01	22.15	23.00
		MID	QPSK	22.13	22.15	**22.23**	23.00
		HIGH	QPSK	22.10	22.03	22.16	23.00
	100	LOW	QPSK	22.10	22.12	**22.13**	23.00
20	1	LOW	Q16	22.36	22.25	22.62	23.00
		MID	Q16	22.34	22.22	22.60	23.00
		HIGH	Q16	22.37	22.24	22.62	23.00
	50	LOW	Q16	21.09	21.03	21.21	22.00
		MID	Q16	21.14	21.16	21.27	22.00
		HIGH	Q16	21.09	21.07	21.22	22.00
	100	LOW	Q16	21.05	21.08	21.16	22.00
20	1	LOW	64QAM	21.11	20.82	21.15	22.00
		MID	64QAM	21.20	21.12	21.18	22.00
		HIGH	64QAM	21.20	21.09	21.03	22.00
	50	LOW	64QAM	20.35	20.08	20.43	21.00
		MID	64QAM	20.40	20.32	20.26	21.00
		HIGH	64QAM	20.16	20.04	20.25	21.00
	100	LOW	64QAM	20.08	20.09	20.40	21.00

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Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.30	**21.56**	21.54	22.00
		MID	QPSK	21.37	21.52	21.50	22.00
		HIGH	QPSK	21.38	21.33	21.39	22.00
	12	LOW	QPSK	**21.61**	21.46	21.60	22.00
		MID	QPSK	21.53	21.57	21.53	22.00
		HIGH	QPSK	21.39	21.44	21.44	22.00
	25	LOW	QPSK	21.57	**21.68**	21.43	22.00
5	1	LOW	Q16	21.66	21.60	21.87	22.00
		MID	Q16	21.83	21.55	21.98	22.00
		HIGH	Q16	21.69	21.66	21.98	22.00
	12	LOW	Q16	20.98	20.93	21.12	22.00
		MID	Q16	20.84	20.94	21.09	22.00
		HIGH	Q16	20.91	20.96	21.20	22.00
	25	LOW	Q16	21.09	20.91	21.00	22.00
5	1	LOW	64QAM	21.57	21.54	21.96	22.00
		MID	64QAM	21.81	21.74	22.00	22.00
		HIGH	64QAM	21.75	21.83	21.94	22.00
	12	LOW	64QAM	19.97	19.97	20.14	21.00
		MID	64QAM	19.94	20.09	20.16	21.00
		HIGH	64QAM	20.09	20.03	19.93	21.00
	25	LOW	64QAM	19.95	20.04	19.89	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	21.27	21.34	21.53	22.00
		MID	QPSK	21.30	21.41	**21.68**	22.00
		HIGH	QPSK	21.50	21.41	21.56	22.00
	25	LOW	QPSK	21.45	21.28	**21.62**	22.00
		MID	QPSK	21.48	21.54	21.59	22.00
		HIGH	QPSK	21.59	21.61	21.52	22.00
	50	LOW	QPSK	21.37	**21.58**	21.29	22.00
10	1	LOW	Q16	21.62	21.48	22.00	22.00
		MID	Q16	21.80	21.65	21.81	22.00
		HIGH	Q16	21.60	21.56	21.63	22.00
	25	LOW	Q16	21.11	20.92	21.07	22.00
		MID	Q16	21.04	21.09	21.26	22.00
		HIGH	Q16	21.01	20.99	21.11	22.00
	50	LOW	Q16	20.92	21.12	20.85	22.00
10	1	LOW	64QAM	21.55	21.58	21.43	22.00
		MID	64QAM	21.80	21.62	21.93	22.00
		HIGH	64QAM	21.69	21.73	21.84	22.00
	25	LOW	64QAM	19.97	19.94	19.95	21.00
		MID	64QAM	19.93	20.04	19.97	21.00
		HIGH	64QAM	19.80	20.03	20.08	21.00
	50	LOW	64QAM	19.83	19.96	19.96	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.40	21.43	**21.56**	22.00
		MID	QPSK	21.35	21.40	21.47	22.00
		HIGH	QPSK	21.35	21.54	21.42	22.00
	36	LOW	QPSK	21.49	21.43	21.43	22.00
		MID	QPSK	21.51	21.54	21.60	22.00
		HIGH	QPSK	21.59	21.39	**21.61**	22.00
	75	LOW	QPSK	21.60	**21.68**	21.38	22.00
15	1	LOW	Q16	21.62	21.53	21.84	22.00
		MID	Q16	21.74	21.69	21.92	22.00
		HIGH	Q16	21.59	21.70	21.93	22.00
	36	LOW	Q16	20.99	20.91	20.88	22.00
		MID	Q16	21.03	21.18	21.14	22.00
		HIGH	Q16	21.09	20.92	21.17	22.00
	75	LOW	Q16	20.82	21.03	21.02	22.00
15	1	LOW	64QAM	21.56	21.65	21.79	22.00
		MID	64QAM	21.69	21.63	21.54	22.00
		HIGH	64QAM	21.77	21.70	21.94	22.00
	36	LOW	64QAM	19.90	19.86	20.11	21.00
		MID	64QAM	19.97	20.13	20.06	21.00
		HIGH	64QAM	20.07	19.98	20.03	21.00
	75	LOW	64QAM	19.81	19.96	19.94	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.36	21.41	21.52	22.00
		MID	QPSK	21.44	21.45	**21.54**	22.00
		HIGH	QPSK	21.46	21.47	21.50	22.00
	50	LOW	QPSK	21.49	21.43	21.47	22.00
		MID	QPSK	21.48	21.57	**21.58**	22.00
		HIGH	QPSK	21.47	21.53	21.51	22.00
	100	LOW	QPSK	21.48	**21.53**	21.43	22.00
20	1	LOW	Q16	21.65	21.58	21.88	22.00
		MID	Q16	21.69	21.64	21.91	22.00
		HIGH	Q16	21.74	21.68	21.91	22.00
	50	LOW	Q16	20.98	20.94	20.99	22.00
		MID	Q16	20.98	21.07	21.11	22.00
		HIGH	Q16	20.95	21.02	21.05	22.00
	100	LOW	Q16	20.94	21.02	20.94	22.00
20	1	LOW	64QAM	21.57	21.71	21.88	22.00
		MID	64QAM	21.62	21.58	21.92	22.00
		HIGH	64QAM	21.66	21.79	21.92	22.00
	50	LOW	64QAM	19.95	19.85	20.08	21.00
		MID	64QAM	19.85	20.09	20.00	21.00
		HIGH	64QAM	19.88	19.90	20.10	21.00
	100	LOW	64QAM	20.06	19.89	19.88	21.00

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Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.80	19.88	19.84	21.00
		MID	QPSK	20.00	19.99	20.13	21.00
		HIGH	QPSK	19.99	19.89	**20.17**	21.00
	12	LOW	QPSK	19.84	19.98	19.88	21.00
		MID	QPSK	19.94	20.05	20.03	21.00
		HIGH	QPSK	20.03	20.11	**20.12**	21.00
	25	LOW	QPSK	19.87	**20.08**	19.90	21.00
5	1	LOW	Q16	19.78	20.03	20.06	21.00
		MID	Q16	20.14	19.96	20.33	21.00
		HIGH	Q16	20.18	19.88	20.35	21.00
	12	LOW	Q16	19.86	19.83	20.05	21.00
		MID	Q16	19.87	20.24	20.20	21.00
		HIGH	Q16	19.90	19.99	19.98	21.00
	25	LOW	Q16	19.92	19.94	19.90	21.00
5	1	LOW	64QAM	20.02	19.98	20.03	21.00
		MID	64QAM	19.77	19.78	19.98	21.00
		HIGH	64QAM	20.03	19.75	20.12	21.00
	12	LOW	64QAM	19.99	19.94	19.98	21.00
		MID	64QAM	19.92	20.25	20.40	21.00
		HIGH	64QAM	19.88	19.83	20.11	21.00
	25	LOW	64QAM	19.84	20.07	19.95	21.00
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.68	19.80	19.96	21.00
		MID	QPSK	19.86	19.81	19.97	21.00
		HIGH	QPSK	**20.01**	19.93	19.89	21.00
	25	LOW	QPSK	20.10	19.82	19.98	21.00
		MID	QPSK	19.82	20.15	**20.17**	21.00
		HIGH	QPSK	19.81	19.91	20.02	21.00
	50	LOW	QPSK	**20.07**	19.92	19.78	21.00
10	1	LOW	Q16	19.96	19.75	20.20	21.00
		MID	Q16	19.90	19.94	20.03	21.00
		HIGH	Q16	20.08	20.06	20.17	21.00
	25	LOW	Q16	19.96	19.87	20.11	21.00
		MID	Q16	20.09	20.12	20.10	21.00
		HIGH	Q16	20.00	19.95	19.96	21.00
	50	LOW	Q16	19.84	20.14	19.78	21.00
10	1	LOW	64QAM	19.96	19.94	20.23	21.00
		MID	64QAM	19.73	20.00	20.12	21.00
		HIGH	64QAM	20.25	19.77	20.00	21.00
	25	LOW	64QAM	20.03	19.92	20.08	21.00
		MID	64QAM	20.04	20.07	20.32	21.00
		HIGH	64QAM	20.00	19.89	19.85	21.00
	50	LOW	64QAM	20.06	19.95	20.19	21.00

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.88	19.86	19.80	21.00
		MID	QPSK	19.76	19.81	19.89	21.00
		HIGH	QPSK	19.79	19.85	**20.11**	21.00
	36	LOW	QPSK	19.86	19.96	19.92	21.00
		MID	QPSK	**20.14**	19.99	19.85	21.00
		HIGH	QPSK	19.89	20.09	19.96	21.00
	75	LOW	QPSK	20.03	**20.10**	19.76	21.00
15	1	LOW	Q16	19.98	19.79	20.28	21.00
		MID	Q16	20.06	19.86	20.27	21.00
		HIGH	Q16	20.00	19.98	20.17	21.00
	36	LOW	Q16	19.80	19.83	20.11	21.00
		MID	Q16	19.87	19.92	19.96	21.00
		HIGH	Q16	20.02	19.97	20.16	21.00
	75	LOW	Q16	19.76	19.98	20.06	21.00
15	1	LOW	64QAM	20.02	19.90	20.25	21.00
		MID	64QAM	20.01	19.94	20.14	21.00
		HIGH	64QAM	20.27	19.99	20.24	21.00
	36	LOW	64QAM	19.89	19.90	19.94	21.00
		MID	64QAM	19.80	20.09	20.12	21.00
		HIGH	64QAM	19.74	19.75	20.13	21.00
	75	LOW	64QAM	19.86	19.93	19.95	21.00
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.88	19.94	20.00	21.00
		MID	QPSK	19.96	19.97	20.03	21.00
		HIGH	QPSK	19.93	19.95	**20.07**	21.00
	50	LOW	QPSK	20.00	19.90	19.94	21.00
		MID	QPSK	20.04	20.05	**20.07**	21.00
		HIGH	QPSK	20.03	20.03	20.04	21.00
	100	LOW	QPSK	20.03	**20.04**	19.94	21.00
20	1	LOW	Q16	19.96	19.97	20.20	21.00
		MID	Q16	20.08	20.00	20.25	21.00
		HIGH	Q16	20.14	20.06	20.29	21.00
	50	LOW	Q16	19.98	19.97	20.03	21.00
		MID	Q16	20.09	20.14	20.16	21.00
		HIGH	Q16	19.98	20.09	20.12	21.00
	100	LOW	Q16	19.98	20.06	20.00	21.00
20	1	LOW	64QAM	20.04	19.96	20.21	21.00
		MID	64QAM	19.95	19.90	20.12	21.00
		HIGH	64QAM	20.21	19.91	20.16	21.00
	50	LOW	64QAM	19.95	19.84	20.06	21.00
		MID	64QAM	20.02	20.17	20.30	21.00
		HIGH	64QAM	19.96	19.97	20.05	21.00
	100	LOW	64QAM	19.96	20.11	20.09	21.00

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Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.33	19.34	19.31	20.50
		MID	QPSK	19.37	19.29	19.32	20.50
		HIGH	QPSK	19.38	19.42	**19.61**	20.50
	12	LOW	QPSK	19.44	19.31	19.22	20.50
		MID	QPSK	19.36	19.63	19.45	20.50
		HIGH	QPSK	19.51	19.31	**19.64**	20.50
	25	LOW	QPSK	19.29	19.38	**19.47**	20.50
5	1	LOW	Q16	19.35	19.38	19.51	20.50
		MID	Q16	19.46	19.36	19.63	20.50
		HIGH	Q16	19.64	19.55	19.68	20.50
	12	LOW	Q16	19.35	19.56	19.35	20.50
		MID	Q16	19.42	19.44	19.65	20.50
		HIGH	Q16	19.57	19.30	19.62	20.50
	25	LOW	Q16	19.29	19.39	19.43	20.50
5	1	LOW	64QAM	19.33	19.40	19.76	20.50
		MID	64QAM	19.62	19.47	19.72	20.50
		HIGH	64QAM	19.59	19.56	19.56	20.50
	12	LOW	64QAM	19.43	19.51	19.37	20.50
		MID	64QAM	19.26	19.61	19.65	20.50
		HIGH	64QAM	19.72	19.51	19.51	20.50
	25	LOW	64QAM	19.38	19.69	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.25	19.38	19.31	20.50
		MID	QPSK	19.22	19.43	19.48	20.50
		HIGH	QPSK	19.23	**19.60**	19.47	20.50
	25	LOW	QPSK	19.32	19.31	19.37	20.50
		MID	QPSK	19.52	19.61	**19.63**	20.50
		HIGH	QPSK	19.45	19.54	19.60	20.50
	50	LOW	QPSK	**19.56**	19.36	19.39	20.50
10	1	LOW	Q16	19.29	19.40	19.53	20.50
		MID	Q16	19.54	19.28	19.65	20.50
		HIGH	Q16	19.36	19.55	19.54	20.50
	25	LOW	Q16	19.41	19.27	19.41	20.50
		MID	Q16	19.60	19.62	19.53	20.50
		HIGH	Q16	19.35	19.41	19.42	20.50
	50	LOW	Q16	19.24	19.57	19.25	20.50
10	1	LOW	64QAM	19.47	19.42	19.66	20.50
		MID	64QAM	19.48	19.35	19.54	20.50
		HIGH	64QAM	19.37	19.60	19.68	20.50
	25	LOW	64QAM	19.45	19.53	19.25	20.50
		MID	64QAM	19.37	19.59	19.55	20.50
		HIGH	64QAM	19.60	19.53	19.59	20.50
	50	LOW	64QAM	19.34	19.57	19.48	20.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.23	19.21	**19.57**	20.50
		MID	QPSK	19.49	19.35	19.31	20.50
		HIGH	QPSK	19.46	19.34	19.45	20.50
	36	LOW	QPSK	19.48	19.29	19.25	20.50
		MID	QPSK	19.36	**19.65**	19.43	20.50
		HIGH	QPSK	19.51	19.34	19.64	20.50
	75	LOW	QPSK	19.36	**19.60**	19.37	20.50
15	1	LOW	Q16	19.43	19.26	19.49	20.50
		MID	Q16	19.46	19.40	19.47	20.50
		HIGH	Q16	19.42	19.53	19.80	20.50
	36	LOW	Q16	19.53	19.27	19.31	20.50
		MID	Q16	19.60	19.64	19.51	20.50
		HIGH	Q16	19.57	19.55	19.64	20.50
	75	LOW	Q16	19.53	19.32	19.24	20.50
15	1	LOW	64QAM	19.33	19.42	19.54	20.50
		MID	64QAM	19.54	19.33	19.58	20.50
		HIGH	64QAM	19.59	19.56	19.46	20.50
	36	LOW	64QAM	19.41	19.55	19.23	20.50
		MID	64QAM	19.45	19.57	19.49	20.50
		HIGH	64QAM	19.70	19.59	19.61	20.50
	75	LOW	64QAM	19.52	19.41	19.24	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.35	19.40	19.47	20.50
		MID	QPSK	19.41	19.47	19.52	20.50
		HIGH	QPSK	19.42	19.50	**19.57**	20.50
	50	LOW	QPSK	19.48	19.43	19.41	20.50
		MID	QPSK	19.50	19.55	**19.57**	20.50
		HIGH	QPSK	19.47	19.52	19.54	20.50
	100	LOW	QPSK	19.48	**19.54**	19.43	20.50
20	1	LOW	Q16	19.65	19.62	19.85	20.50
		MID	Q16	19.76	19.64	19.87	20.50
		HIGH	Q16	19.76	19.69	19.94	20.50
	50	LOW	Q16	19.47	19.46	19.45	20.50
		MID	Q16	19.52	19.56	19.57	20.50
		HIGH	Q16	19.47	19.51	19.56	20.50
	100	LOW	Q16	19.45	19.53	19.41	20.50
20	1	LOW	64QAM	19.57	19.66	19.96	20.50
		MID	64QAM	19.90	19.73	19.90	20.50
		HIGH	64QAM	19.75	19.70	19.80	20.50
	50	LOW	64QAM	19.45	19.55	19.37	20.50
		MID	64QAM	19.43	19.51	19.63	20.50
		HIGH	64QAM	19.62	19.61	19.59	20.50
	100	LOW	64QAM	19.52	19.63	19.38	20.50

LTE B38-State 19 -Ant.1							
Bandwidth (	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.33	19.34	19.31	20.50
		MID	QPSK	19.37	19.29	19.32	20.50
		HIGH	QPSK	19.38	19.42	**19.61**	20.50
	12	LOW	QPSK	19.44	19.31	19.22	20.50
		MID	QPSK	19.36	19.63	19.45	20.50
		HIGH	QPSK	19.51	19.31	**19.64**	20.50
	25	LOW	QPSK	19.29	19.38	**19.47**	20.50
5	1	LOW	Q16	19.35	19.38	19.51	20.50
		MID	Q16	19.46	19.36	19.63	20.50
		HIGH	Q16	19.64	19.55	19.68	20.50
	12	LOW	Q16	19.35	19.56	19.35	20.50
		MID	Q16	19.42	19.44	19.65	20.50
		HIGH	Q16	19.57	19.30	19.62	20.50
	25	LOW	Q16	19.29	19.39	19.43	20.50
5	1	LOW	64QAM	19.33	19.40	19.76	20.50
		MID	64QAM	19.62	19.47	19.72	20.50
		HIGH	64QAM	19.59	19.56	19.56	20.50
	12	LOW	64QAM	19.43	19.51	19.37	20.50
		MID	64QAM	19.26	19.61	19.65	20.50
		HIGH	64QAM	19.72	19.51	19.51	20.50
	25	LOW	64QAM	19.38	19.69	19.22	20.50
Bandwidth (	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.25	19.38	19.31	20.50
		MID	QPSK	19.22	19.43	19.48	20.50
		HIGH	QPSK	19.23	**19.60**	19.47	20.50
	25	LOW	QPSK	19.32	19.31	19.37	20.50
		MID	QPSK	19.52	19.61	**19.63**	20.50
		HIGH	QPSK	19.45	19.54	19.60	20.50
	50	LOW	QPSK	**19.56**	19.36	19.39	20.50
10	1	LOW	Q16	19.29	19.40	19.53	20.50
		MID	Q16	19.54	19.28	19.65	20.50
		HIGH	Q16	19.36	19.55	19.54	20.50
	25	LOW	Q16	19.41	19.27	19.41	20.50
		MID	Q16	19.60	19.62	19.53	20.50
		HIGH	Q16	19.35	19.41	19.42	20.50
	50	LOW	Q16	19.24	19.57	19.25	20.50
10	1	LOW	64QAM	19.47	19.42	19.66	20.50
		MID	64QAM	19.48	19.35	19.54	20.50
		HIGH	64QAM	19.37	19.60	19.68	20.50
	25	LOW	64QAM	19.45	19.53	19.25	20.50
		MID	64QAM	19.37	19.59	19.55	20.50
		HIGH	64QAM	19.60	19.53	19.59	20.50
	50	LOW	64QAM	19.34	19.57	19.48	20.50

Bandwidth (	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.23	19.21	**19.57**	20.50
		MID	QPSK	19.49	19.35	19.31	20.50
		HIGH	QPSK	19.46	19.34	19.45	20.50
	36	LOW	QPSK	19.48	19.29	19.25	20.50
		MID	QPSK	19.36	**19.65**	19.43	20.50
		HIGH	QPSK	19.51	19.34	19.64	20.50
	75	LOW	QPSK	19.36	**19.60**	19.37	20.50
15	1	LOW	Q16	19.43	19.26	19.49	20.50
		MID	Q16	19.46	19.40	19.47	20.50
		HIGH	Q16	19.42	19.53	19.80	20.50
	36	LOW	Q16	19.53	19.27	19.31	20.50
		MID	Q16	19.60	19.64	19.51	20.50
		HIGH	Q16	19.57	19.55	19.64	20.50
	75	LOW	Q16	19.53	19.32	19.24	20.50
15	1	LOW	64QAM	19.33	19.42	19.54	20.50
		MID	64QAM	19.54	19.33	19.58	20.50
		HIGH	64QAM	19.59	19.56	19.46	20.50
	36	LOW	64QAM	19.41	19.55	19.23	20.50
		MID	64QAM	19.45	19.57	19.49	20.50
		HIGH	64QAM	19.70	19.59	19.61	20.50
	75	LOW	64QAM	19.52	19.41	19.24	20.50
Bandwidth (	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.35	19.40	19.47	20.50
		MID	QPSK	19.41	19.47	19.52	20.50
		HIGH	QPSK	19.42	19.50	**19.57**	20.50
	50	LOW	QPSK	19.48	19.43	19.41	20.50
		MID	QPSK	19.50	19.55	**19.57**	20.50
		HIGH	QPSK	19.47	19.52	19.54	20.50
	100	LOW	QPSK	19.48	**19.54**	19.43	20.50
20	1	LOW	Q16	19.65	19.62	19.85	20.50
		MID	Q16	19.76	19.64	19.87	20.50
		HIGH	Q16	19.76	19.69	19.94	20.50
	50	LOW	Q16	19.47	19.46	19.45	20.50
		MID	Q16	19.52	19.56	19.57	20.50
		HIGH	Q16	19.47	19.51	19.56	20.50
	100	LOW	Q16	19.45	19.53	19.41	20.50
20	1	LOW	64QAM	19.57	19.66	19.96	20.50
		MID	64QAM	19.90	19.73	19.90	20.50
		HIGH	64QAM	19.75	19.70	19.80	20.50
	50	LOW	64QAM	19.45	19.55	19.37	20.50
		MID	64QAM	19.43	19.51	19.63	20.50
		HIGH	64QAM	19.62	19.61	19.59	20.50
	100	LOW	64QAM	19.52	19.63	19.38	20.50

8.3.10LTE Band41 Output Power

LTE B41-State 12 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.36	19.55	19.67	19.67	19.62	20.50
		MID	QPSK	19.21	19.33	19.37	19.41	19.78	20.50
		HIGH	QPSK	19.11	19.39	19.53	19.41	19.71	20.50
	12	LOW	QPSK	19.40	19.32	19.57	19.32	19.75	20.50
		MID	QPSK	19.44	19.35	19.43	19.59	19.64	20.50
		HIGH	QPSK	19.55	19.33	19.57	19.33	19.58	20.50
	25	LOW	QPSK	19.38	19.37	19.57	19.43	19.71	20.50
5	1	LOW	Q16	19.43	19.85	19.37	19.71	19.72	20.50
		MID	Q16	19.34	19.59	19.25	19.71	19.63	20.50
		HIGH	Q16	19.17	19.56	19.32	19.52	19.60	20.50
	12	LOW	Q16	19.20	19.66	19.22	19.56	19.57	20.50
		MID	Q16	19.30	19.53	19.45	19.47	19.49	20.50
		HIGH	Q16	19.32	19.68	19.32	19.50	19.55	20.50
	25	LOW	Q16	19.34	19.59	19.39	19.47	19.54	20.50
5	1	LOW	64QAM	19.43	19.51	19.29	19.63	19.38	20.50
		MID	64QAM	19.28	19.53	19.25	19.26	19.59	20.50
		HIGH	64QAM	19.33	19.60	19.40	19.62	19.70	20.50
	12	LOW	64QAM	19.30	19.48	19.18	19.36	19.19	20.50
		MID	64QAM	19.28	19.59	19.33	19.71	19.47	20.50
		HIGH	64QAM	19.28	19.50	19.07	19.32	19.45	20.50
	25	LOW	64QAM	19.20	19.31	19.25	19.45	19.44	20.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.46	19.53	19.69	19.67	19.64	20.50
		MID	QPSK	19.50	19.29	19.31	19.51	19.60	20.50
		HIGH	QPSK	19.15	19.27	19.43	19.35	19.73	20.50
	25	LOW	QPSK	19.40	19.43	19.63	19.49	19.83	20.50
		MID	QPSK	19.56	19.63	19.43	19.35	19.66	20.50
		HIGH	QPSK	19.47	19.59	19.55	19.39	19.72	20.50
	50	LOW	QPSK	19.62	19.41	19.61	19.63	19.73	20.50
10	1	LOW	Q16	19.41	19.87	19.63	19.77	19.60	20.50
		MID	Q16	19.36	19.55	19.27	19.51	19.65	20.50
		HIGH	Q16	19.43	19.52	19.26	19.72	19.48	20.50
	25	LOW	Q16	19.24	19.54	19.20	19.66	19.47	20.50
		MID	Q16	19.34	19.41	19.43	19.47	19.41	20.50
		HIGH	Q16	19.34	19.36	19.36	19.48	19.59	20.50
	50	LOW	Q16	19.28	19.41	19.37	19.61	19.48	20.50
10	1	LOW	64QAM	19.33	19.49	19.39	19.71	19.34	20.50
		MID	64QAM	19.26	19.47	19.35	19.43	19.61	20.50
		HIGH	64QAM	19.27	19.48	19.22	19.38	19.44	20.50
	25	LOW	64QAM	19.16	19.40	19.10	19.58	19.23	20.50
		MID	64QAM	19.46	19.63	19.33	19.65	19.51	20.50
		HIGH	64QAM	18.99	19.38	19.18	19.23	19.57	20.50
	50	LOW	64QAM	19.14	19.53	19.25	19.47	19.76	20.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.54	19.51	19.49	19.51	19.60	20.50
		MID	QPSK	19.32	19.37	19.24	19.24	19.68	20.50
		HIGH	QPSK	19.24	19.37	19.37	19.29	19.77	20.50
	36	LOW	QPSK	19.48	19.47	19.35	19.59	19.59	20.50
		MID	QPSK	19.52	19.39	19.57	19.53	19.56	20.50
		HIGH	QPSK	19.31	19.30	19.49	19.41	19.70	20.50
	75	LOW	QPSK	19.70	19.47	19.53	19.51	19.71	20.50
15	1	LOW	Q16	19.33	19.67	19.61	19.85	19.54	20.50
		MID	Q16	19.24	19.69	19.29	19.53	19.45	20.50
		HIGH	Q16	19.43	19.76	19.40	19.68	19.60	20.50
	36	LOW	Q16	19.34	19.64	19.30	19.64	19.65	20.50
		MID	Q16	19.44	19.59	19.25	19.63	19.37	20.50
		HIGH	Q16	19.40	19.38	19.36	19.64	19.45	20.50
	75	LOW	Q16	19.18	19.59	19.41	19.61	19.56	20.50
15	1	LOW	64QAM	19.55	19.59	19.49	19.45	19.62	20.50
		MID	64QAM	19.32	19.39	19.06	19.29	19.57	20.50
		HIGH	64QAM	19.23	19.46	19.11	19.58	19.64	20.50
	36	LOW	64QAM	19.14	19.42	19.16	19.36	19.25	20.50
		MID	64QAM	19.26	19.57	19.47	19.59	19.55	20.50
		HIGH	64QAM	19.30	19.42	19.32	19.30	19.45	20.50
	75	LOW	64QAM	19.30	19.43	19.19	19.51	19.62	20.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.54	19.56	19.59	19.64	**19.80**	20.50
		MID	QPSK	19.40	19.21	19.43	19.37	19.70	20.50
		HIGH	QPSK	19.28	19.15	19.43	19.54	19.73	20.50
	50	LOW	QPSK	19.54	19.66	19.53	19.43	**19.81**	20.50
		MID	QPSK	19.56	19.48	19.57	19.62	19.78	20.50
		HIGH	QPSK	19.51	19.39	19.51	19.20	19.78	20.50
	100	LOW	QPSK	19.60	19.50	19.53	19.34	**19.77**	20.50
20	1	LOW	Q16	19.65	19.51	19.77	19.51	19.94	20.50
		MID	Q16	19.52	19.54	19.65	19.54	19.85	20.50
		HIGH	Q16	19.55	19.55	19.68	19.51	19.90	20.50
	50	LOW	Q16	19.62	19.48	19.60	19.27	19.79	20.50
		MID	Q16	19.62	19.70	19.63	19.68	19.73	20.50
		HIGH	Q16	19.54	19.50	19.58	19.60	19.77	20.50
	100	LOW	Q16	19.60	19.48	19.59	19.38	19.78	20.50
20	1	LOW	64QAM	19.71	19.69	19.65	19.59	19.72	20.50
		MID	64QAM	19.58	19.58	19.45	19.44	19.75	20.50
		HIGH	64QAM	19.57	19.61	19.52	19.55	19.84	20.50
	50	LOW	64QAM	19.44	19.52	19.48	19.36	19.57	20.50
		MID	64QAM	19.66	19.76	19.65	19.80	19.69	20.50
		HIGH	64QAM	19.40	19.40	19.44	19.50	19.73	20.50
	100	LOW	64QAM	19.50	19.52	19.49	19.46	19.86	20.50

LTE B41-State 16 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	16.09	16.08	16.25	16.12	16.26	18.00
		MID	QPSK	16.06	16.08	16.06	16.13	16.17	18.00
		HIGH	QPSK	16.16	16.13	16.18	16.16	16.23	18.00
	12	LOW	QPSK	16.09	16.03	16.13	16.34	16.13	18.00
		MID	QPSK	16.23	16.26	16.21	16.08	16.33	18.00
		HIGH	QPSK	16.24	16.16	16.14	16.09	16.33	18.00
	25	LOW	QPSK	16.13	16.11	16.19	16.02	16.33	18.00
5	1	LOW	Q16	16.26	16.17	16.04	16.51	16.17	18.00
		MID	Q16	16.28	16.13	16.12	16.26	16.17	18.00
		HIGH	Q16	16.15	16.40	16.23	16.38	16.35	18.00
	12	LOW	Q16	16.11	16.06	16.00	16.17	16.14	18.00
		MID	Q16	16.17	16.18	16.06	16.24	16.34	18.00
		HIGH	Q16	16.12	16.37	16.30	16.25	16.32	18.00
	25	LOW	Q16	16.01	16.44	16.15	16.47	16.17	18.00
5	1	LOW	64QAM	16.14	16.05	16.16	16.09	16.20	18.00
		MID	64QAM	16.27	16.47	16.13	16.33	16.44	18.00
		HIGH	64QAM	16.12	16.11	16.24	16.52	16.08	18.00
	12	LOW	64QAM	16.18	16.03	16.06	16.34	16.06	18.00
		MID	64QAM	16.13	16.20	16.13	16.18	16.23	18.00
		HIGH	64QAM	16.15	16.20	16.11	16.33	16.06	18.00
	25	LOW	64QAM	16.04	16.12	16.13	16.14	16.15	18.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	16.11	16.12	16.07	16.28	16.28	18.00
		MID	QPSK	16.10	16.01	16.15	16.10	16.12	18.00
		HIGH	QPSK	16.19	16.18	16.18	16.18	16.26	18.00
	25	LOW	QPSK	16.30	16.16	16.03	16.29	16.10	18.00
		MID	QPSK	16.27	16.07	16.21	16.23	16.30	18.00
		HIGH	QPSK	16.15	16.08	16.14	16.19	16.18	18.00
	50	LOW	QPSK	16.05	16.25	16.34	16.10	16.15	18.00
10	1	LOW	Q16	16.30	16.05	16.05	16.50	16.17	18.00
		MID	Q16	16.33	16.29	16.01	16.39	16.25	18.00
		HIGH	Q16	16.11	16.20	16.26	16.56	16.27	18.00
	25	LOW	Q16	16.34	16.17	16.05	16.09	16.18	18.00
		MID	Q16	16.20	16.33	16.32	16.32	16.39	18.00
		HIGH	Q16	16.25	16.15	16.32	16.43	16.36	18.00
	50	LOW	Q16	16.14	16.28	16.23	16.26	16.14	18.00
10	1	LOW	64QAM	16.25	16.12	16.10	16.25	16.15	18.00
		MID	64QAM	16.09	16.41	16.07	16.39	16.32	18.00
		HIGH	64QAM	16.26	16.24	16.00	16.55	16.06	18.00
	25	LOW	64QAM	16.12	16.08	16.17	16.13	16.06	18.00
		MID	64QAM	16.18	16.25	16.18	16.17	16.26	18.00
		HIGH	64QAM	16.13	16.36	16.22	16.30	16.24	18.00
	50	LOW	64QAM	16.16	16.22	16.12	16.01	16.02	18.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	16.01	16.06	16.17	16.30	16.39	18.00
		MID	QPSK	16.04	16.16	16.11	16.26	16.10	18.00
		HIGH	QPSK	16.19	16.11	16.13	16.18	16.33	18.00
	36	LOW	QPSK	16.22	16.16	16.05	16.26	16.26	18.00
		MID	QPSK	16.25	16.20	16.28	16.21	16.40	18.00
		HIGH	QPSK	16.18	16.10	16.25	16.12	16.33	18.00
	75	LOW	QPSK	16.21	16.27	16.34	16.18	16.26	18.00
15	1	LOW	Q16	16.33	16.10	16.02	16.53	16.20	18.00
		MID	Q16	16.28	16.24	16.17	16.44	16.17	18.00
		HIGH	Q16	16.13	16.33	16.21	16.56	16.38	18.00
	36	LOW	Q16	16.29	16.11	16.18	16.15	16.16	18.00
		MID	Q16	16.28	16.28	16.24	16.34	16.31	18.00
		HIGH	Q16	16.28	16.30	16.25	16.38	16.29	18.00
	75	LOW	Q16	16.17	16.36	16.26	16.42	16.12	18.00
15	1	LOW	64QAM	16.30	16.18	16.13	16.19	16.25	18.00
		MID	64QAM	16.19	16.39	16.09	16.51	16.42	18.00
		HIGH	64QAM	16.18	16.24	16.18	16.47	16.04	18.00
	36	LOW	64QAM	16.20	16.06	16.00	16.26	16.12	18.00
		MID	64QAM	16.06	16.22	16.21	16.28	16.26	18.00
		HIGH	64QAM	16.13	16.31	16.29	16.48	16.21	18.00
	75	LOW	64QAM	16.10	16.22	16.09	16.06	16.13	18.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	16.16	16.11	16.17	16.28	16.32	18.00
		MID	QPSK	16.12	16.14	16.09	16.18	16.26	18.00
		HIGH	QPSK	16.09	16.19	16.24	16.24	**16.35**	18.00
	50	LOW	QPSK	16.20	16.24	16.16	16.26	16.29	18.00
		MID	QPSK	16.23	16.25	16.28	16.28	**16.33**	18.00
		HIGH	QPSK	16.16	16.13	16.28	16.30	16.30	18.00
	100	LOW	QPSK	16.19	16.22	16.27	16.28	**16.33**	18.00
20	1	LOW	Q16	16.30	16.28	16.13	16.53	16.38	18.00
		MID	Q16	16.30	16.29	16.11	16.41	16.28	18.00
		HIGH	Q16	16.26	16.31	16.23	16.54	16.30	18.00
	50	LOW	Q16	16.23	16.24	16.18	16.33	16.26	18.00
		MID	Q16	16.26	16.33	16.29	16.39	16.23	18.00
		HIGH	Q16	16.23	16.33	16.27	16.38	16.29	18.00
	100	LOW	Q16	16.22	16.31	16.29	16.37	16.23	18.00
20	1	LOW	64QAM	16.35	16.21	16.11	16.35	16.23	18.00
		MID	64QAM	16.27	16.31	16.36	16.43	16.35	18.00
		HIGH	64QAM	16.18	16.26	16.18	16.44	16.12	18.00
	50	LOW	64QAM	16.25	16.16	16.08	16.31	16.28	18.00
		MID	64QAM	16.21	16.40	16.16	16.39	16.31	18.00
		HIGH	64QAM	16.08	16.33	16.27	16.46	16.36	18.00
	100	LOW	64QAM	16.06	16.20	16.24	16.24	16.10	18.00

LTE B41-State 18 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	15.61	15.57	15.73	**15.95**	15.90	17.50
		MID	QPSK	15.69	15.68	15.55	15.85	15.76	17.50
		HIGH	QPSK	15.62	15.54	15.81	15.90	15.86	17.50
	12	LOW	QPSK	15.54	15.66	15.69	15.67	15.77	17.50
		MID	QPSK	15.58	15.70	15.77	15.71	**15.97**	17.50
		HIGH	QPSK	15.56	15.58	15.87	15.90	15.90	17.50
	25	LOW	QPSK	15.62	15.59	15.73	**15.78**	15.74	17.50
5	1	LOW	Q16	15.87	15.71	15.93	16.00	16.01	17.50
		MID	Q16	15.83	15.52	15.97	15.92	15.91	17.50
		HIGH	Q16	15.65	15.66	15.85	15.88	16.02	17.50
	12	LOW	Q16	15.86	15.60	15.67	15.97	15.71	17.50
		MID	Q16	15.82	15.59	15.82	16.01	15.83	17.50
		HIGH	Q16	15.64	15.64	15.86	15.80	15.90	17.50
	25	LOW	Q16	15.64	15.52	15.75	15.76	15.74	17.50
5	1	LOW	64QAM	15.80	15.72	15.99	16.17	16.05	17.50
		MID	64QAM	15.82	15.59	15.69	15.96	16.07	17.50
		HIGH	64QAM	15.69	15.61	15.71	15.94	16.07	17.50
	12	LOW	64QAM	15.85	15.67	15.79	15.62	15.85	17.50
		MID	64QAM	15.96	15.59	15.82	15.70	15.80	17.50
		HIGH	64QAM	15.71	15.57	15.68	15.95	15.84	17.50
	25	LOW	64QAM	15.69	15.63	15.63	15.73	15.72	17.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	15.57	15.62	15.80	15.74	15.93	17.50
		MID	QPSK	15.70	15.70	15.63	15.79	15.87	17.50
		HIGH	QPSK	15.55	15.72	15.71	15.75	**15.96**	17.50
	25	LOW	QPSK	15.76	15.56	15.66	15.81	**15.93**	17.50
		MID	QPSK	15.55	15.60	15.70	15.78	15.80	17.50
		HIGH	QPSK	15.62	15.55	15.69	15.73	15.76	17.50
	50	LOW	QPSK	15.64	15.62	15.69	15.82	**15.89**	17.50
10	1	LOW	Q16	15.91	15.75	15.88	16.12	16.02	17.50
		MID	Q16	15.83	15.56	15.76	15.93	16.10	17.50
		HIGH	Q16	15.68	15.65	16.01	15.96	16.12	17.50
	25	LOW	Q16	15.86	15.52	15.61	15.75	15.71	17.50
		MID	Q16	15.71	15.64	15.96	15.98	15.71	17.50
		HIGH	Q16	15.70	15.55	15.73	15.93	15.70	17.50
	50	LOW	Q16	15.63	15.65	15.94	15.78	15.88	17.50
10	1	LOW	64QAM	15.60	15.55	15.90	16.17	15.97	17.50
		MID	64QAM	15.83	15.58	15.89	15.83	15.94	17.50
		HIGH	64QAM	15.78	15.66	15.77	15.90	15.86	17.50
	25	LOW	64QAM	15.80	15.68	15.65	15.75	15.87	17.50
		MID	64QAM	15.92	15.66	15.90	15.71	15.66	17.50
		HIGH	64QAM	15.70	15.51	15.65	15.89	15.73	17.50
	50	LOW	64QAM	15.63	15.52	15.75	15.72	15.72	17.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	15.57	15.62	15.58	15.84	15.74	17.50
		MID	QPSK	15.61	15.60	15.71	15.60	15.73	17.50
		HIGH	QPSK	15.54	15.75	15.82	15.79	**15.92**	17.50
	36	LOW	QPSK	15.76	15.58	15.71	**15.89**	15.81	17.50
		MID	QPSK	15.75	15.67	15.75	15.67	15.86	17.50
		HIGH	QPSK	15.78	15.51	15.72	15.80	15.87	17.50
	75	LOW	QPSK	15.79	15.61	15.78	15.69	**15.97**	17.50
15	1	LOW	Q16	15.90	15.67	15.93	16.02	16.18	17.50
		MID	Q16	15.67	15.63	15.94	16.01	16.08	17.50
		HIGH	Q16	15.70	15.63	15.93	16.12	16.17	17.50
	36	LOW	Q16	15.65	15.56	15.67	15.78	15.73	17.50
		MID	Q16	15.66	15.61	15.86	15.93	15.85	17.50
		HIGH	Q16	15.78	15.65	15.72	15.99	15.77	17.50
	75	LOW	Q16	15.64	15.61	15.86	15.94	15.75	17.50
15	1	LOW	64QAM	15.80	15.72	15.85	16.18	16.10	17.50
		MID	64QAM	15.72	15.64	15.76	15.80	15.84	17.50
		HIGH	64QAM	15.75	15.63	15.74	15.80	16.01	17.50
	36	LOW	64QAM	15.75	15.53	15.60	15.77	15.96	17.50
		MID	64QAM	15.92	15.68	16.04	15.73	15.72	17.50
		HIGH	64QAM	15.59	15.54	15.64	16.00	15.89	17.50
	75	LOW	64QAM	15.69	15.66	15.58	15.75	15.67	17.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	15.66	15.59	15.75	15.87	15.87	17.50
		MID	QPSK	15.64	15.65	15.71	15.77	15.79	17.50
		HIGH	QPSK	15.57	15.67	15.76	15.85	**15.94**	17.50
	50	LOW	QPSK	15.68	15.52	15.77	15.84	15.87	17.50
		MID	QPSK	15.72	15.62	15.83	15.80	**15.94**	17.50
		HIGH	QPSK	15.70	15.60	15.85	15.90	15.92	17.50
	100	LOW	QPSK	15.73	15.56	15.86	15.80	**15.92**	17.50
20	1	LOW	Q16	15.85	15.69	15.91	16.10	16.12	17.50
		MID	Q16	15.83	15.69	15.89	15.98	16.02	17.50
		HIGH	Q16	15.81	15.74	16.01	16.04	16.12	17.50
	50	LOW	Q16	15.78	15.54	15.78	15.91	15.82	17.50
		MID	Q16	15.82	15.56	15.88	15.95	15.80	17.50
		HIGH	Q16	15.78	15.61	15.89	15.93	15.87	17.50
	100	LOW	Q16	15.80	15.57	15.86	15.92	15.83	17.50
20	1	LOW	64QAM	15.77	15.64	15.93	16.15	16.07	17.50
		MID	64QAM	15.85	15.56	15.86	15.88	16.02	17.50
		HIGH	64QAM	15.78	15.66	15.88	15.88	15.99	17.50
	50	LOW	64QAM	15.80	15.62	15.73	15.75	15.90	17.50
		MID	64QAM	15.90	15.62	15.96	15.79	15.72	17.50
		HIGH	64QAM	15.73	15.65	15.73	15.95	15.89	17.50
	100	LOW	64QAM	15.66	15.57	15.69	15.89	15.72	17.50

LTE B41-State 20 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	15.61	15.57	15.73	**15.95**	15.90	17.50
		MID	QPSK	15.69	15.68	15.55	15.85	15.76	17.50
		HIGH	QPSK	15.62	15.54	15.81	15.90	15.86	17.50
	12	LOW	QPSK	15.54	15.66	15.69	15.67	15.77	17.50
		MID	QPSK	15.58	15.70	15.77	15.71	**15.97**	17.50
		HIGH	QPSK	15.56	15.58	15.87	15.90	15.90	17.50
	25	LOW	QPSK	15.62	15.59	15.73	**15.78**	15.74	17.50
5	1	LOW	Q16	15.87	15.71	15.93	16.00	16.01	17.50
		MID	Q16	15.83	15.52	15.97	15.92	15.91	17.50
		HIGH	Q16	15.65	15.66	15.85	15.88	16.02	17.50
	12	LOW	Q16	15.86	15.60	15.67	15.97	15.71	17.50
		MID	Q16	15.82	15.59	15.82	16.01	15.83	17.50
		HIGH	Q16	15.64	15.64	15.86	15.80	15.90	17.50
	25	LOW	Q16	15.64	15.52	15.75	15.76	15.74	17.50
5	1	LOW	64QAM	15.80	15.72	15.99	16.17	16.05	17.50
		MID	64QAM	15.82	15.59	15.69	15.96	16.07	17.50
		HIGH	64QAM	15.69	15.61	15.71	15.94	16.07	17.50
	12	LOW	64QAM	15.85	15.67	15.79	15.62	15.85	17.50
		MID	64QAM	15.96	15.59	15.82	15.70	15.80	17.50
		HIGH	64QAM	15.71	15.57	15.68	15.95	15.84	17.50
	25	LOW	64QAM	15.69	15.63	15.63	15.73	15.72	17.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	15.57	15.62	15.80	15.74	15.93	17.50
		MID	QPSK	15.70	15.70	15.63	15.79	15.87	17.50
		HIGH	QPSK	15.55	15.72	15.71	15.75	**15.96**	17.50
	25	LOW	QPSK	15.76	15.56	15.66	15.81	**15.93**	17.50
		MID	QPSK	15.55	15.60	15.70	15.78	15.80	17.50
		HIGH	QPSK	15.62	15.55	15.69	15.73	15.76	17.50
	50	LOW	QPSK	15.64	15.62	15.69	15.82	**15.89**	17.50
10	1	LOW	Q16	15.91	15.75	15.88	16.12	16.02	17.50
		MID	Q16	15.83	15.56	15.76	15.93	16.10	17.50
		HIGH	Q16	15.68	15.65	16.01	15.96	16.12	17.50
	25	LOW	Q16	15.86	15.52	15.61	15.75	15.71	17.50
		MID	Q16	15.71	15.64	15.96	15.98	15.71	17.50
		HIGH	Q16	15.70	15.55	15.73	15.93	15.70	17.50
	50	LOW	Q16	15.63	15.65	15.94	15.78	15.88	17.50
10	1	LOW	64QAM	15.60	15.55	15.90	16.17	15.97	17.50
		MID	64QAM	15.83	15.58	15.89	15.83	15.94	17.50
		HIGH	64QAM	15.78	15.66	15.77	15.90	15.86	17.50
	25	LOW	64QAM	15.80	15.68	15.65	15.75	15.87	17.50
		MID	64QAM	15.92	15.66	15.90	15.71	15.66	17.50
		HIGH	64QAM	15.70	15.51	15.65	15.89	15.73	17.50
	50	LOW	64QAM	15.63	15.52	15.75	15.72	15.72	17.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	15.57	15.62	15.58	15.84	15.74	17.50
		MID	QPSK	15.61	15.60	15.71	15.60	15.73	17.50
		HIGH	QPSK	15.54	15.75	15.82	15.79	**15.92**	17.50
	36	LOW	QPSK	15.76	15.58	15.71	**15.89**	15.81	17.50
		MID	QPSK	15.75	15.67	15.75	15.67	15.86	17.50
		HIGH	QPSK	15.78	15.51	15.72	15.80	15.87	17.50
	75	LOW	QPSK	15.79	15.61	15.78	15.69	**15.97**	17.50
15	1	LOW	Q16	15.90	15.67	15.93	16.02	16.18	17.50
		MID	Q16	15.67	15.63	15.94	16.01	16.08	17.50
		HIGH	Q16	15.70	15.63	15.93	16.12	16.17	17.50
	36	LOW	Q16	15.65	15.56	15.67	15.78	15.73	17.50
		MID	Q16	15.66	15.61	15.86	15.93	15.85	17.50
		HIGH	Q16	15.78	15.65	15.72	15.99	15.77	17.50
	75	LOW	Q16	15.64	15.61	15.86	15.94	15.75	17.50
15	1	LOW	64QAM	15.80	15.72	15.85	16.18	16.10	17.50
		MID	64QAM	15.72	15.64	15.76	15.80	15.84	17.50
		HIGH	64QAM	15.75	15.63	15.74	15.80	16.01	17.50
	36	LOW	64QAM	15.75	15.53	15.60	15.77	15.96	17.50
		MID	64QAM	15.92	15.68	16.04	15.73	15.72	17.50
		HIGH	64QAM	15.59	15.54	15.64	16.00	15.89	17.50
	75	LOW	64QAM	15.69	15.66	15.58	15.75	15.67	17.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	15.66	15.59	15.75	15.87	15.87	17.50
		MID	QPSK	15.64	15.65	15.71	15.77	15.79	17.50
		HIGH	QPSK	15.57	15.67	15.76	15.85	**15.94**	17.50
	50	LOW	QPSK	15.68	15.52	15.77	15.84	15.87	17.50
		MID	QPSK	15.72	15.62	15.83	15.80	**15.94**	17.50
		HIGH	QPSK	15.70	15.60	15.85	15.90	15.92	17.50
	100	LOW	QPSK	15.73	15.56	15.86	15.80	**15.92**	17.50
20	1	LOW	Q16	15.85	15.69	15.91	16.10	16.12	17.50
		MID	Q16	15.83	15.69	15.89	15.98	16.02	17.50
		HIGH	Q16	15.81	15.74	16.01	16.04	16.12	17.50
	50	LOW	Q16	15.78	15.54	15.78	15.91	15.82	17.50
		MID	Q16	15.82	15.56	15.88	15.95	15.80	17.50
		HIGH	Q16	15.78	15.61	15.89	15.93	15.87	17.50
	100	LOW	Q16	15.80	15.57	15.86	15.92	15.83	17.50
20	1	LOW	64QAM	15.77	15.64	15.93	16.15	16.07	17.50
		MID	64QAM	15.85	15.56	15.86	15.88	16.02	17.50
		HIGH	64QAM	15.78	15.66	15.88	15.88	15.99	17.50
	50	LOW	64QAM	15.80	15.62	15.73	15.75	15.90	17.50
		MID	64QAM	15.90	15.62	15.96	15.79	15.72	17.50
		HIGH	64QAM	15.73	15.65	15.73	15.95	15.89	17.50
	100	LOW	64QAM	15.66	15.57	15.69	15.89	15.72	17.50

LTE B41-State 11-Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.75	20.76	20.70	**20.95**	20.82	22.50
		MID	QPSK	20.52	20.60	20.58	20.77	20.56	22.50
		HIGH	QPSK	20.57	20.53	20.71	20.86	20.87	22.50
	12	LOW	QPSK	20.50	20.76	20.57	20.90	20.80	22.50
		MID	QPSK	20.63	20.52	20.69	20.88	**20.98**	22.50
		HIGH	QPSK	20.61	20.68	20.66	20.73	20.91	22.50
	25	LOW	QPSK	20.81	20.60	20.73	20.71	**20.82**	22.50
5	1	LOW	Q16	21.03	20.87	20.88	21.07	21.26	22.50
		MID	Q16	20.68	20.64	20.67	20.83	21.10	22.50
		HIGH	Q16	20.92	20.71	20.90	21.10	21.07	22.50
	12	LOW	Q16	20.66	20.72	20.78	20.69	20.78	22.50
		MID	Q16	20.82	20.53	20.90	20.89	20.92	22.50
		HIGH	Q16	20.73	20.51	20.94	20.77	21.02	22.50
	25	LOW	Q16	20.56	20.62	20.83	20.72	20.71	22.50
5	1	LOW	64QAM	20.89	20.81	20.86	21.34	21.03	22.50
		MID	64QAM	20.80	20.64	20.75	21.08	20.91	22.50
		HIGH	64QAM	20.77	20.77	20.69	20.82	21.27	22.50
	12	LOW	64QAM	20.43	20.57	20.57	20.63	20.66	21.50
		MID	64QAM	20.57	20.33	20.80	20.66	20.83	21.50
		HIGH	64QAM	20.58	20.65	21.02	20.85	21.04	21.50
	25	LOW	64QAM	20.40	20.42	20.70	20.85	21.08	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.61	20.66	20.61	20.68	**20.94**	22.50
		MID	QPSK	20.70	20.56	20.64	20.71	20.58	22.50
		HIGH	QPSK	20.65	20.55	20.66	20.80	20.62	22.50
	25	LOW	QPSK	20.75	20.63	20.76	20.88	20.71	22.50
		MID	QPSK	20.75	20.50	20.60	20.92	20.84	22.50
		HIGH	QPSK	20.67	20.62	20.73	20.84	**20.93**	22.50
	50	LOW	QPSK	**20.83**	20.54	20.66	20.77	20.82	22.50
10	1	LOW	Q16	20.72	20.68	20.61	21.07	20.97	22.50
		MID	Q16	20.93	20.87	20.73	20.72	21.04	22.50
		HIGH	Q16	20.90	20.85	20.80	20.85	20.98	22.50
	25	LOW	Q16	20.57	20.62	20.72	20.79	20.78	22.50
		MID	Q16	20.70	20.61	20.82	20.81	20.83	22.50
		HIGH	Q16	20.81	20.57	20.92	20.89	20.77	22.50
	50	LOW	Q16	20.65	20.61	20.87	20.87	20.90	22.50
10	1	LOW	64QAM	20.72	20.70	20.86	21.19	20.86	22.50
		MID	64QAM	20.56	20.66	20.67	20.77	21.21	22.50
		HIGH	64QAM	20.67	20.81	21.00	20.88	21.23	22.50
	25	LOW	64QAM	20.28	20.29	20.63	20.50	20.84	21.50
		MID	64QAM	20.73	20.45	20.75	20.64	20.73	21.50
		HIGH	64QAM	20.52	20.45	20.79	20.77	20.92	21.50
	50	LOW	64QAM	20.42	20.44	20.85	20.75	20.85	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.50	20.56	20.72	20.79	**20.88**	22.50
		MID	QPSK	20.61	20.60	20.57	20.69	20.83	22.50
		HIGH	QPSK	20.58	20.66	20.61	20.74	20.70	22.50
	36	LOW	QPSK	20.55	20.59	20.62	20.82	20.84	22.50
		MID	QPSK	20.69	20.52	20.58	20.72	**21.04**	22.50
		HIGH	QPSK	20.67	20.54	20.85	20.88	20.70	22.50
	75	LOW	QPSK	20.63	20.58	20.89	20.83	**21.00**	22.50
15	1	LOW	Q16	20.89	20.74	20.67	21.01	21.07	22.50
		MID	Q16	20.74	20.91	20.67	20.83	20.93	22.50
		HIGH	Q16	20.88	20.67	21.03	20.83	21.19	22.50
	36	LOW	Q16	20.57	20.64	20.78	20.62	20.83	22.50
		MID	Q16	20.80	20.53	20.67	20.79	20.86	22.50
		HIGH	Q16	20.58	20.65	20.65	20.93	20.73	22.50
	75	LOW	Q16	20.52	20.56	20.70	20.79	20.92	22.50
15	1	LOW	64QAM	20.89	20.77	20.65	21.27	20.99	22.50
		MID	64QAM	20.53	20.58	20.67	20.83	21.08	22.50
		HIGH	64QAM	20.56	20.64	20.92	21.03	20.98	22.50
	36	LOW	64QAM	20.59	20.41	20.84	20.57	20.78	21.50
		MID	64QAM	20.67	20.33	20.96	20.70	21.02	21.50
		HIGH	64QAM	20.52	20.41	20.84	20.69	20.81	21.50
	75	LOW	64QAM	20.46	20.52	20.89	20.52	20.77	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.67	20.68	20.62	20.85	**20.88**	22.50
		MID	QPSK	20.64	20.70	20.60	20.77	20.79	22.50
		HIGH	QPSK	20.61	20.74	20.67	20.78	20.85	22.50
	50	LOW	QPSK	20.69	20.78	20.72	20.80	20.84	22.50
		MID	QPSK	20.75	20.60	20.79	20.82	**20.94**	22.50
		HIGH	QPSK	20.71	20.58	20.83	20.88	20.91	22.50
	100	LOW	QPSK	20.75	20.58	20.81	20.79	**20.90**	22.50
20	1	LOW	Q16	20.93	20.87	20.82	21.07	21.20	22.50
		MID	Q16	20.87	20.81	20.86	20.93	21.06	22.50
		HIGH	Q16	20.86	20.79	21.03	21.04	21.15	22.50
	50	LOW	Q16	20.72	20.68	20.78	20.81	20.91	22.50
		MID	Q16	20.80	20.59	20.88	20.83	20.96	22.50
		HIGH	Q16	20.77	20.55	20.88	20.87	20.94	22.50
	100	LOW	Q16	20.75	20.60	20.87	20.85	20.92	22.50
20	1	LOW	64QAM	20.85	20.87	20.82	21.36	21.01	22.50
		MID	64QAM	20.70	20.62	20.88	20.98	21.10	22.50
		HIGH	64QAM	20.73	20.79	20.92	21.05	21.19	22.50
	50	LOW	64QAM	20.51	20.47	20.80	20.69	20.74	21.50
		MID	64QAM	20.63	20.43	20.88	20.85	20.96	21.50
		HIGH	64QAM	20.60	20.57	20.92	20.79	20.96	21.50
	100	LOW	64QAM	20.52	20.56	20.91	20.75	20.98	21.50

LTE B41-State 15 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.67	20.71	20.61	20.69	**20.95**	21.00
		MID	QPSK	20.26	20.30	20.32	20.23	20.71	21.00
		HIGH	QPSK	20.26	20.32	20.57	20.63	20.57	21.00
	12	LOW	QPSK	20.51	20.39	20.61	20.55	**20.85**	21.00
		MID	QPSK	20.57	20.47	20.67	20.57	20.62	21.00
		HIGH	QPSK	20.38	20.46	20.46	20.52	20.67	21.00
	25	LOW	QPSK	20.59	20.59	20.67	20.36	**20.85**	21.00
5	1	LOW	Q16	20.44	20.75	20.49	20.81	20.67	21.00
		MID	Q16	20.36	20.65	20.59	20.52	20.62	21.00
		HIGH	Q16	20.33	20.45	20.31	20.45	20.71	21.00
	12	LOW	Q16	20.37	20.66	20.42	20.37	20.46	21.00
		MID	Q16	20.41	20.43	20.25	20.50	20.58	21.00
		HIGH	Q16	20.28	20.52	20.42	20.56	20.46	21.00
	25	LOW	Q16	20.38	20.50	20.30	20.58	20.58	21.00
5	1	LOW	64QAM	20.23	20.36	20.34	20.36	20.69	21.00
		MID	64QAM	20.30	20.55	20.33	20.49	20.50	21.00
		HIGH	64QAM	20.40	20.74	20.50	20.66	20.48	21.00
	12	LOW	64QAM	20.34	20.44	20.20	20.56	20.53	21.00
		MID	64QAM	20.10	20.37	20.23	20.51	20.30	21.00
		HIGH	64QAM	20.54	20.50	20.38	20.62	20.46	21.00
	25	LOW	64QAM	20.14	20.80	20.27	20.53	20.44	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.59	20.65	20.71	20.51	**20.72**	21.00
		MID	QPSK	20.32	20.34	20.56	20.42	20.71	21.00
		HIGH	QPSK	20.12	20.49	20.43	20.39	20.59	21.00
	25	LOW	QPSK	20.55	20.57	20.59	20.65	**20.95**	21.00
		MID	QPSK	20.51	20.67	20.57	20.61	20.79	21.00
		HIGH	QPSK	20.64	20.44	20.54	20.42	20.88	21.00
	50	LOW	QPSK	20.53	**20.61**	20.51	20.59	20.60	21.00
10	1	LOW	Q16	20.56	20.85	20.36	20.56	20.77	21.00
		MID	Q16	20.34	20.48	20.41	20.46	20.58	21.00
		HIGH	Q16	20.49	20.54	20.31	20.78	20.55	21.00
	25	LOW	Q16	20.53	20.52	20.42	20.68	20.54	21.00
		MID	Q16	20.47	20.50	20.40	20.58	20.68	21.00
		HIGH	Q16	20.48	20.64	20.32	20.62	20.46	21.00
	50	LOW	Q16	20.42	20.46	20.32	20.46	20.56	21.00
10	1	LOW	64QAM	20.20	20.48	20.18	20.29	20.79	21.00
		MID	64QAM	20.49	20.66	20.52	20.51	20.62	21.00
		HIGH	64QAM	20.38	20.47	20.50	20.60	20.50	21.00
	25	LOW	64QAM	20.03	20.25	20.24	20.32	20.24	21.00
		MID	64QAM	20.34	20.35	20.10	20.39	20.40	21.00
		HIGH	64QAM	20.52	20.50	20.32	20.40	20.38	21.00
	50	LOW	64QAM	20.14	20.56	20.46	20.62	20.44	21.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.61	20.57	20.61	20.57	**20.77**	21.00
		MID	QPSK	20.56	20.22	20.34	20.40	20.52	21.00
		HIGH	QPSK	20.18	20.26	20.47	20.32	20.62	21.00
	36	LOW	QPSK	20.34	20.35	20.65	20.41	**20.91**	21.00
		MID	QPSK	20.47	20.69	20.55	20.75	20.79	21.00
		HIGH	QPSK	20.56	20.18	20.68	20.40	20.63	21.00
	75	LOW	QPSK	20.53	**20.71**	20.65	20.54	20.58	21.00
15	1	LOW	Q16	20.54	20.76	20.59	20.70	20.69	21.00
		MID	Q16	20.38	20.44	20.43	20.20	20.68	21.00
		HIGH	Q16	20.22	20.38	20.42	20.45	20.48	21.00
	36	LOW	Q16	20.37	20.53	20.30	20.51	20.61	21.00
		MID	Q16	20.45	20.77	20.40	20.83	20.50	21.00
		HIGH	Q16	20.15	20.42	20.44	20.40	20.57	21.00
	75	LOW	Q16	20.44	20.40	20.23	20.34	20.66	21.00
15	1	LOW	64QAM	20.20	20.24	20.24	20.18	20.69	21.00
		MID	64QAM	20.53	20.67	20.35	20.44	20.41	21.00
		HIGH	64QAM	20.32	20.66	20.52	20.60	20.52	21.00
	36	LOW	64QAM	20.32	20.22	20.26	20.24	20.41	21.00
		MID	64QAM	20.16	20.14	20.31	20.24	20.38	21.00
		HIGH	64QAM	20.54	20.60	20.40	20.60	20.15	21.00
	75	LOW	64QAM	20.20	20.16	20.38	20.22	20.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.63	20.55	20.65	20.61	**20.87**	21.00
		MID	QPSK	20.46	20.30	20.46	20.44	20.73	21.00
		HIGH	QPSK	20.34	20.28	20.55	20.51	20.74	21.00
	50	LOW	QPSK	20.57	20.47	20.55	20.34	20.85	21.00
		MID	QPSK	20.70	20.67	20.72	20.65	20.81	21.00
		HIGH	QPSK	20.54	20.36	20.58	20.46	**20.86**	21.00
	100	LOW	QPSK	20.63	20.71	20.57	20.34	**20.81**	21.00
20	1	LOW	Q16	20.72	20.74	20.79	20.89	20.87	21.00
		MID	Q16	20.56	20.42	20.69	20.67	20.88	21.00
		HIGH	Q16	20.63	20.61	20.68	20.45	20.85	21.00
	50	LOW	Q16	20.63	20.59	20.58	20.44	20.87	21.00
		MID	Q16	20.67	20.77	20.64	20.47	20.80	21.00
		HIGH	Q16	20.58	20.44	20.64	20.70	20.85	21.00
	100	LOW	Q16	20.62	20.50	20.62	20.43	20.86	21.00
20	1	LOW	64QAM	20.59	20.36	20.52	20.56	20.91	21.00
		MID	64QAM	20.67	20.67	20.72	20.53	20.76	21.00
		HIGH	64QAM	20.66	20.62	20.66	20.74	20.87	21.00
	50	LOW	64QAM	20.46	20.26	20.48	20.42	20.63	21.00
		MID	64QAM	20.44	20.36	20.53	20.47	20.64	21.00
		HIGH	64QAM	20.64	20.66	20.54	20.38	20.58	21.00
	100	LOW	64QAM	20.42	20.24	20.70	20.51	20.81	21.00

LTE B41-State 17 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.67	20.71	20.61	20.69	**20.95**	21.00
		MID	QPSK	20.26	20.30	20.32	20.23	20.71	21.00
		HIGH	QPSK	20.26	20.32	20.57	20.63	20.57	21.00
	12	LOW	QPSK	20.51	20.39	20.61	20.55	**20.85**	21.00
		MID	QPSK	20.57	20.47	20.67	20.57	20.62	21.00
		HIGH	QPSK	20.38	20.46	20.46	20.52	20.67	21.00
	25	LOW	QPSK	20.59	20.59	20.67	20.36	**20.85**	21.00
5	1	LOW	Q16	20.44	20.75	20.49	20.81	20.67	21.00
		MID	Q16	20.36	20.65	20.59	20.52	20.62	21.00
		HIGH	Q16	20.33	20.45	20.31	20.45	20.71	21.00
	12	LOW	Q16	20.37	20.66	20.42	20.37	20.46	21.00
		MID	Q16	20.41	20.43	20.25	20.50	20.58	21.00
		HIGH	Q16	20.28	20.52	20.42	20.56	20.46	21.00
	25	LOW	Q16	20.38	20.50	20.30	20.58	20.58	21.00
5	1	LOW	64QAM	20.23	20.36	20.34	20.36	20.69	21.00
		MID	64QAM	20.30	20.55	20.33	20.49	20.50	21.00
		HIGH	64QAM	20.40	20.74	20.50	20.66	20.48	21.00
	12	LOW	64QAM	20.34	20.44	20.20	20.56	20.53	21.00
		MID	64QAM	20.10	20.37	20.23	20.51	20.30	21.00
		HIGH	64QAM	20.54	20.50	20.38	20.62	20.46	21.00
	25	LOW	64QAM	20.14	20.80	20.27	20.53	20.44	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.59	20.65	20.71	20.51	**20.72**	21.00
		MID	QPSK	20.32	20.34	20.56	20.42	20.71	21.00
		HIGH	QPSK	20.12	20.49	20.43	20.39	20.59	21.00
	25	LOW	QPSK	20.55	20.57	20.59	20.65	**20.95**	21.00
		MID	QPSK	20.51	20.67	20.57	20.61	20.79	21.00
		HIGH	QPSK	20.64	20.44	20.54	20.42	20.88	21.00
	50	LOW	QPSK	20.53	**20.61**	20.51	20.59	20.60	21.00
10	1	LOW	Q16	20.56	20.85	20.36	20.56	20.77	21.00
		MID	Q16	20.34	20.48	20.41	20.46	20.58	21.00
		HIGH	Q16	20.49	20.54	20.31	20.78	20.55	21.00
	25	LOW	Q16	20.53	20.52	20.42	20.68	20.54	21.00
		MID	Q16	20.47	20.50	20.40	20.58	20.68	21.00
		HIGH	Q16	20.48	20.64	20.32	20.62	20.46	21.00
	50	LOW	Q16	20.42	20.46	20.32	20.46	20.56	21.00
10	1	LOW	64QAM	20.20	20.48	20.18	20.29	20.79	21.00
		MID	64QAM	20.49	20.66	20.52	20.51	20.62	21.00
		HIGH	64QAM	20.38	20.47	20.50	20.60	20.50	21.00
	25	LOW	64QAM	20.03	20.25	20.24	20.32	20.24	21.00
		MID	64QAM	20.34	20.35	20.10	20.39	20.40	21.00
		HIGH	64QAM	20.52	20.50	20.32	20.40	20.38	21.00
	50	LOW	64QAM	20.14	20.56	20.46	20.62	20.44	21.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.61	20.57	20.61	20.57	**20.77**	21.00
		MID	QPSK	20.56	20.22	20.34	20.40	20.52	21.00
		HIGH	QPSK	20.18	20.26	20.47	20.32	20.62	21.00
	36	LOW	QPSK	20.34	20.35	20.65	20.41	**20.91**	21.00
		MID	QPSK	20.47	20.69	20.55	20.75	20.79	21.00
		HIGH	QPSK	20.56	20.18	20.68	20.40	20.63	21.00
	75	LOW	QPSK	20.53	**20.71**	20.65	20.54	20.58	21.00
15	1	LOW	Q16	20.54	20.76	20.59	20.70	20.69	21.00
		MID	Q16	20.38	20.44	20.43	20.20	20.68	21.00
		HIGH	Q16	20.22	20.38	20.42	20.45	20.48	21.00
	36	LOW	Q16	20.37	20.53	20.30	20.51	20.61	21.00
		MID	Q16	20.45	20.77	20.40	20.83	20.50	21.00
		HIGH	Q16	20.15	20.42	20.44	20.40	20.57	21.00
	75	LOW	Q16	20.44	20.40	20.23	20.34	20.66	21.00
15	1	LOW	64QAM	20.20	20.24	20.24	20.18	20.69	21.00
		MID	64QAM	20.53	20.67	20.35	20.44	20.41	21.00
		HIGH	64QAM	20.32	20.66	20.52	20.60	20.52	21.00
	36	LOW	64QAM	20.32	20.22	20.26	20.24	20.41	21.00
		MID	64QAM	20.16	20.14	20.31	20.24	20.38	21.00
		HIGH	64QAM	20.54	20.60	20.40	20.60	20.15	21.00
	75	LOW	64QAM	20.20	20.16	20.38	20.22	20.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.63	20.55	20.65	20.61	**20.87**	21.00
		MID	QPSK	20.46	20.30	20.46	20.44	20.73	21.00
		HIGH	QPSK	20.34	20.28	20.55	20.51	20.74	21.00
	50	LOW	QPSK	20.57	20.47	20.55	20.34	20.85	21.00
		MID	QPSK	20.70	20.67	20.72	20.65	20.81	21.00
		HIGH	QPSK	20.54	20.36	20.58	20.46	**20.86**	21.00
	100	LOW	QPSK	20.63	20.71	20.57	20.34	**20.81**	21.00
20	1	LOW	Q16	20.72	20.74	20.79	20.89	20.87	21.00
		MID	Q16	20.56	20.42	20.69	20.67	20.88	21.00
		HIGH	Q16	20.63	20.61	20.68	20.45	20.85	21.00
	50	LOW	Q16	20.63	20.59	20.58	20.44	20.87	21.00
		MID	Q16	20.67	20.77	20.64	20.47	20.80	21.00
		HIGH	Q16	20.58	20.44	20.64	20.70	20.85	21.00
	100	LOW	Q16	20.62	20.50	20.62	20.43	20.86	21.00
20	1	LOW	64QAM	20.59	20.36	20.52	20.56	20.91	21.00
		MID	64QAM	20.67	20.67	20.72	20.53	20.76	21.00
		HIGH	64QAM	20.66	20.62	20.66	20.74	20.87	21.00
	50	LOW	64QAM	20.46	20.26	20.48	20.42	20.63	21.00
		MID	64QAM	20.44	20.36	20.53	20.47	20.64	21.00
		HIGH	64QAM	20.64	20.66	20.54	20.38	20.58	21.00
	100	LOW	64QAM	20.42	20.24	20.70	20.51	20.81	21.00

LTE B41-State 19 -Ant.1									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.67	20.71	20.61	20.69	**20.95**	21.00
		MID	QPSK	20.26	20.30	20.32	20.23	20.71	21.00
		HIGH	QPSK	20.26	20.32	20.57	20.63	20.57	21.00
	12	LOW	QPSK	20.51	20.39	20.61	20.55	**20.85**	21.00
		MID	QPSK	20.57	20.47	20.67	20.57	20.62	21.00
		HIGH	QPSK	20.38	20.46	20.46	20.52	20.67	21.00
	25	LOW	QPSK	20.59	20.59	20.67	20.36	**20.85**	21.00
5	1	LOW	Q16	20.44	20.75	20.49	20.81	20.67	21.00
		MID	Q16	20.36	20.65	20.59	20.52	20.62	21.00
		HIGH	Q16	20.33	20.45	20.31	20.45	20.71	21.00
	12	LOW	Q16	20.37	20.66	20.42	20.37	20.46	21.00
		MID	Q16	20.41	20.43	20.25	20.50	20.58	21.00
		HIGH	Q16	20.28	20.52	20.42	20.56	20.46	21.00
	25	LOW	Q16	20.38	20.50	20.30	20.58	20.58	21.00
5	1	LOW	64QAM	20.23	20.36	20.34	20.36	20.69	21.00
		MID	64QAM	20.30	20.55	20.33	20.49	20.50	21.00
		HIGH	64QAM	20.40	20.74	20.50	20.66	20.48	21.00
	12	LOW	64QAM	20.34	20.44	20.20	20.56	20.53	21.00
		MID	64QAM	20.10	20.37	20.23	20.51	20.30	21.00
		HIGH	64QAM	20.54	20.50	20.38	20.62	20.46	21.00
	25	LOW	64QAM	20.14	20.80	20.27	20.53	20.44	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.59	20.65	20.71	20.51	**20.72**	21.00
		MID	QPSK	20.32	20.34	20.56	20.42	20.71	21.00
		HIGH	QPSK	20.12	20.49	20.43	20.39	20.59	21.00
	25	LOW	QPSK	20.55	20.57	20.59	20.65	**20.95**	21.00
		MID	QPSK	20.51	20.67	20.57	20.61	20.79	21.00
		HIGH	QPSK	20.64	20.44	20.54	20.42	20.88	21.00
	50	LOW	QPSK	20.53	**20.61**	20.51	20.59	20.60	21.00
10	1	LOW	Q16	20.56	20.85	20.36	20.56	20.77	21.00
		MID	Q16	20.34	20.48	20.41	20.46	20.58	21.00
		HIGH	Q16	20.49	20.54	20.31	20.78	20.55	21.00
	25	LOW	Q16	20.53	20.52	20.42	20.68	20.54	21.00
		MID	Q16	20.47	20.50	20.40	20.58	20.68	21.00
		HIGH	Q16	20.48	20.64	20.32	20.62	20.46	21.00
	50	LOW	Q16	20.42	20.46	20.32	20.46	20.56	21.00
10	1	LOW	64QAM	20.20	20.48	20.18	20.29	20.79	21.00
		MID	64QAM	20.49	20.66	20.52	20.51	20.62	21.00
		HIGH	64QAM	20.38	20.47	20.50	20.60	20.50	21.00
	25	LOW	64QAM	20.03	20.25	20.24	20.32	20.24	21.00
		MID	64QAM	20.34	20.35	20.10	20.39	20.40	21.00
		HIGH	64QAM	20.52	20.50	20.32	20.40	20.38	21.00
	50	LOW	64QAM	20.14	20.56	20.46	20.62	20.44	21.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.61	20.57	20.61	20.57	**20.77**	21.00
		MID	QPSK	20.56	20.22	20.34	20.40	20.52	21.00
		HIGH	QPSK	20.18	20.26	20.47	20.32	20.62	21.00
	36	LOW	QPSK	20.34	20.35	20.65	20.41	**20.91**	21.00
		MID	QPSK	20.47	20.69	20.55	20.75	20.79	21.00
		HIGH	QPSK	20.56	20.18	20.68	20.40	20.63	21.00
	75	LOW	QPSK	20.53	**20.71**	20.65	20.54	20.58	21.00
15	1	LOW	Q16	20.54	20.76	20.59	20.70	20.69	21.00
		MID	Q16	20.38	20.44	20.43	20.20	20.68	21.00
		HIGH	Q16	20.22	20.38	20.42	20.45	20.48	21.00
	36	LOW	Q16	20.37	20.53	20.30	20.51	20.61	21.00
		MID	Q16	20.45	20.77	20.40	20.83	20.50	21.00
		HIGH	Q16	20.15	20.42	20.44	20.40	20.57	21.00
	75	LOW	Q16	20.44	20.40	20.23	20.34	20.66	21.00
15	1	LOW	64QAM	20.20	20.24	20.24	20.18	20.69	21.00
		MID	64QAM	20.53	20.67	20.35	20.44	20.41	21.00
		HIGH	64QAM	20.32	20.66	20.52	20.60	20.52	21.00
	36	LOW	64QAM	20.32	20.22	20.26	20.24	20.41	21.00
		MID	64QAM	20.16	20.14	20.31	20.24	20.38	21.00
		HIGH	64QAM	20.54	20.60	20.40	20.60	20.15	21.00
	75	LOW	64QAM	20.20	20.16	20.38	20.22	20.65	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.63	20.55	20.65	20.61	**20.87**	21.00
		MID	QPSK	20.46	20.30	20.46	20.44	20.73	21.00
		HIGH	QPSK	20.34	20.28	20.55	20.51	20.74	21.00
	50	LOW	QPSK	20.57	20.47	20.55	20.34	20.85	21.00
		MID	QPSK	20.70	20.67	20.72	20.65	20.81	21.00
		HIGH	QPSK	20.54	20.36	20.58	20.46	**20.86**	21.00
	100	LOW	QPSK	20.63	20.71	20.57	20.34	**20.81**	21.00
20	1	LOW	Q16	20.72	20.74	20.79	20.89	20.87	21.00
		MID	Q16	20.56	20.42	20.69	20.67	20.88	21.00
		HIGH	Q16	20.63	20.61	20.68	20.45	20.85	21.00
	50	LOW	Q16	20.63	20.59	20.58	20.44	20.87	21.00
		MID	Q16	20.67	20.77	20.64	20.47	20.80	21.00
		HIGH	Q16	20.58	20.44	20.64	20.70	20.85	21.00
	100	LOW	Q16	20.62	20.50	20.62	20.43	20.86	21.00
20	1	LOW	64QAM	20.59	20.36	20.52	20.56	20.91	21.00
		MID	64QAM	20.67	20.67	20.72	20.53	20.76	21.00
		HIGH	64QAM	20.66	20.62	20.66	20.74	20.87	21.00
	50	LOW	64QAM	20.46	20.26	20.48	20.42	20.63	21.00
		MID	64QAM	20.44	20.36	20.53	20.47	20.64	21.00
		HIGH	64QAM	20.64	20.66	20.54	20.38	20.58	21.00
	100	LOW	64QAM	20.42	20.24	20.70	20.51	20.81	21.00

8.3.10LTE Band41 Output Power

LTE B41-State 12 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	22.95	23.20	23.16	23.05	24.50
		MID	QPSK	22.86	23.10	23.08	22.99	22.79	24.50
		HIGH	QPSK	22.59	23.15	22.85	22.85	22.78	24.50
	12	LOW	QPSK	21.75	22.17	22.04	22.08	21.91	23.50
		MID	QPSK	21.92	22.16	22.01	21.97	22.05	23.50
		HIGH	QPSK	21.83	21.95	22.11	21.82	21.98	23.50
	25	LOW	QPSK	22.16	22.21	21.88	22.23	21.93	23.50
5	1	LOW	Q16	22.05	22.25	22.55	22.52	22.51	23.50
		MID	Q16	22.13	22.42	22.55	22.33	22.19	23.50
		HIGH	Q16	21.88	22.55	22.48	22.28	22.02	23.50
	12	LOW	Q16	20.86	20.84	21.09	20.86	21.19	22.50
		MID	Q16	20.88	21.12	21.20	21.22	20.88	22.50
		HIGH	Q16	21.09	20.89	20.91	20.91	20.80	22.50
	25	LOW	Q16	20.86	21.10	21.16	20.89	20.89	22.50
5	1	LOW	64QAM	21.09	21.00	20.83	20.83	20.99	22.50
		MID	64QAM	20.97	20.74	20.89	20.76	20.88	22.50
		HIGH	64QAM	21.07	20.93	20.93	20.95	20.65	22.50
	12	LOW	64QAM	20.03	20.04	20.06	20.02	20.13	21.50
		MID	64QAM	20.27	20.14	20.28	20.44	20.26	21.50
		HIGH	64QAM	20.15	20.18	20.40	20.18	20.21	21.50
	25	LOW	64QAM	20.07	20.34	20.24	20.18	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.67	23.18	23.20	23.13	23.16	24.50
		MID	QPSK	22.79	23.13	23.08	22.78	23.04	24.50
		HIGH	QPSK	22.84	22.78	22.98	23.12	22.89	24.50
	25	LOW	QPSK	21.90	21.88	22.02	22.17	21.96	23.50
		MID	QPSK	21.85	22.01	21.92	22.14	22.11	23.50
		HIGH	QPSK	21.74	21.91	21.84	21.89	22.05	23.50
	50	LOW	QPSK	21.94	22.14	22.16	22.19	22.15	23.50
10	1	LOW	Q16	22.12	22.30	22.61	22.41	22.40	23.50
		MID	Q16	21.87	22.35	22.19	22.44	22.26	23.50
		HIGH	Q16	22.12	22.53	22.55	22.40	22.28	23.50
	25	LOW	Q16	20.95	20.86	20.86	21.11	20.87	22.50
		MID	Q16	20.90	21.20	21.06	21.06	21.13	22.50
		HIGH	Q16	20.78	20.95	21.16	21.16	21.03	22.50
	50	LOW	Q16	20.94	20.89	20.95	20.89	20.95	22.50
10	1	LOW	64QAM	20.94	20.83	20.91	20.85	21.05	22.50
		MID	64QAM	21.16	20.82	20.91	20.72	20.90	22.50
		HIGH	64QAM	20.95	20.68	20.95	20.81	20.67	22.50
	25	LOW	64QAM	19.97	20.08	19.98	20.18	19.91	21.50
		MID	64QAM	20.21	20.34	20.28	20.18	19.96	21.50
		HIGH	64QAM	20.21	20.10	20.36	20.28	20.03	21.50
	50	LOW	64QAM	20.29	20.44	20.42	20.24	20.28	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.85	23.02	23.02	23.06	23.05	24.50
		MID	QPSK	22.84	22.83	22.94	22.99	22.88	24.50
		HIGH	QPSK	22.61	23.15	22.78	22.96	22.89	24.50
	36	LOW	QPSK	21.92	22.08	21.88	22.13	21.96	23.50
		MID	QPSK	22.16	22.01	22.08	22.03	21.89	23.50
		HIGH	QPSK	22.00	21.91	22.04	21.95	21.81	23.50
	75	LOW	QPSK	22.16	22.16	21.92	22.01	22.02	23.50
15	1	LOW	Q16	22.16	22.30	22.52	22.61	22.33	23.50
		MID	Q16	22.11	22.31	22.37	22.31	22.37	23.50
		HIGH	Q16	22.15	22.26	22.35	22.37	22.28	23.50
	36	LOW	Q16	20.82	21.18	21.01	20.96	20.97	22.50
		MID	Q16	21.17	21.14	21.10	21.25	20.88	22.50
		HIGH	Q16	20.84	20.95	21.10	21.10	21.11	22.50
	75	LOW	Q16	21.07	20.91	21.06	21.10	20.93	22.50
15	1	LOW	64QAM	21.21	20.98	21.12	20.89	20.93	22.50
		MID	64QAM	21.09	20.97	20.97	20.95	20.77	22.50
		HIGH	64QAM	21.01	21.01	20.87	20.91	20.70	22.50
	36	LOW	64QAM	20.27	20.06	20.00	19.90	19.97	21.50
		MID	64QAM	20.19	20.36	20.18	20.18	20.14	21.50
		HIGH	64QAM	19.99	20.40	20.10	20.40	20.25	21.50
	75	LOW	64QAM	20.21	20.32	20.38	20.24	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.92	23.11	23.11	23.02	**23.14**	24.50
		MID	QPSK	22.86	22.78	23.01	23.10	22.95	24.50
		HIGH	QPSK	22.84	23.03	23.03	23.05	22.94	24.50
	50	LOW	QPSK	21.99	22.06	22.06	21.88	22.09	23.50
		MID	QPSK	22.05	22.04	**22.12**	22.03	22.09	23.50
		HIGH	QPSK	21.98	22.02	22.04	21.82	22.05	23.50
	100	LOW	QPSK	22.07	22.06	**22.12**	21.92	22.11	23.50
20	1	LOW	Q16	22.16	22.50	22.50	22.28	22.44	23.50
		MID	Q16	22.11	22.22	22.44	22.42	22.28	23.50
		HIGH	Q16	22.08	22.48	22.44	22.28	22.24	23.50
	50	LOW	Q16	21.01	20.96	21.07	20.90	21.08	22.50
		MID	Q16	21.11	20.91	21.14	20.91	21.09	22.50
		HIGH	Q16	20.99	21.12	21.10	21.10	21.03	22.50
	100	LOW	Q16	21.07	21.04	21.10	20.91	21.08	22.50
20	1	LOW	64QAM	21.13	21.04	21.06	20.91	20.95	22.50
		MID	64QAM	21.05	20.82	20.95	20.95	20.96	22.50
		HIGH	64QAM	20.99	20.97	20.91	20.74	20.82	22.50
	50	LOW	64QAM	20.19	19.96	20.12	20.22	20.07	21.50
		MID	64QAM	20.31	20.14	20.36	20.38	20.16	21.50
		HIGH	64QAM	20.17	20.32	20.30	20.10	20.23	21.50
	100	LOW	64QAM	20.25	20.30	20.36	20.14	20.30	21.50

LTE B41-State 16 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	22.95	23.20	23.16	23.05	24.50
		MID	QPSK	22.86	23.10	23.08	22.99	22.79	24.50
		HIGH	QPSK	22.59	23.15	22.85	22.85	22.78	24.50
	12	LOW	QPSK	21.75	22.17	22.04	22.08	21.91	23.50
		MID	QPSK	21.92	22.16	22.01	21.97	22.05	23.50
		HIGH	QPSK	21.83	21.95	22.11	21.82	21.98	23.50
	25	LOW	QPSK	22.16	22.21	21.88	22.23	21.93	23.50
5	1	LOW	Q16	22.05	22.25	22.55	22.52	22.51	23.50
		MID	Q16	22.13	22.42	22.55	22.33	22.19	23.50
		HIGH	Q16	21.88	22.55	22.48	22.28	22.02	23.50
	12	LOW	Q16	20.86	20.84	21.09	20.86	21.19	22.50
		MID	Q16	20.88	21.12	21.20	21.22	20.88	22.50
		HIGH	Q16	21.09	20.89	20.91	20.91	20.80	22.50
	25	LOW	Q16	20.86	21.10	21.16	20.89	20.89	22.50
5	1	LOW	64QAM	21.09	21.00	20.83	20.83	20.99	22.50
		MID	64QAM	20.97	20.74	20.89	20.76	20.88	22.50
		HIGH	64QAM	21.07	20.93	20.93	20.95	20.65	22.50
	12	LOW	64QAM	20.03	20.04	20.06	20.02	20.13	21.50
		MID	64QAM	20.27	20.14	20.28	20.44	20.26	21.50
		HIGH	64QAM	20.15	20.18	20.40	20.18	20.21	21.50
	25	LOW	64QAM	20.07	20.34	20.24	20.18	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.67	23.18	23.20	23.13	23.16	24.50
		MID	QPSK	22.79	23.13	23.08	22.78	23.04	24.50
		HIGH	QPSK	22.84	22.78	22.98	23.12	22.89	24.50
	25	LOW	QPSK	21.90	21.88	22.02	22.17	21.96	23.50
		MID	QPSK	21.85	22.01	21.92	22.14	22.11	23.50
		HIGH	QPSK	21.74	21.91	21.84	21.89	22.05	23.50
	50	LOW	QPSK	21.94	22.14	22.16	22.19	22.15	23.50
10	1	LOW	Q16	22.12	22.30	22.61	22.41	22.40	23.50
		MID	Q16	21.87	22.35	22.19	22.44	22.26	23.50
		HIGH	Q16	22.12	22.53	22.55	22.40	22.28	23.50
	25	LOW	Q16	20.95	20.86	20.86	21.11	20.87	22.50
		MID	Q16	20.90	21.20	21.06	21.06	21.13	22.50
		HIGH	Q16	20.78	20.95	21.16	21.16	21.03	22.50
	50	LOW	Q16	20.94	20.89	20.95	20.89	20.95	22.50
10	1	LOW	64QAM	20.94	20.83	20.91	20.85	21.05	22.50
		MID	64QAM	21.16	20.82	20.91	20.72	20.90	22.50
		HIGH	64QAM	20.95	20.68	20.95	20.81	20.67	22.50
	25	LOW	64QAM	19.97	20.08	19.98	20.18	19.91	21.50
		MID	64QAM	20.21	20.34	20.28	20.18	19.96	21.50
		HIGH	64QAM	20.21	20.10	20.36	20.28	20.03	21.50
	50	LOW	64QAM	20.29	20.44	20.42	20.24	20.28	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.85	23.02	23.02	23.06	23.05	24.50
		MID	QPSK	22.84	22.83	22.94	22.99	22.88	24.50
		HIGH	QPSK	22.61	23.15	22.78	22.96	22.89	24.50
	36	LOW	QPSK	21.92	22.08	21.88	22.13	21.96	23.50
		MID	QPSK	22.16	22.01	22.08	22.03	21.89	23.50
		HIGH	QPSK	22.00	21.91	22.04	21.95	21.81	23.50
	75	LOW	QPSK	22.16	22.16	21.92	22.01	22.02	23.50
15	1	LOW	Q16	22.16	22.30	22.52	22.61	22.33	23.50
		MID	Q16	22.11	22.31	22.37	22.31	22.37	23.50
		HIGH	Q16	22.15	22.26	22.35	22.37	22.28	23.50
	36	LOW	Q16	20.82	21.18	21.01	20.96	20.97	22.50
		MID	Q16	21.17	21.14	21.10	21.25	20.88	22.50
		HIGH	Q16	20.84	20.95	21.10	21.10	21.11	22.50
	75	LOW	Q16	21.07	20.91	21.06	21.10	20.93	22.50
15	1	LOW	64QAM	21.21	20.98	21.12	20.89	20.93	22.50
		MID	64QAM	21.09	20.97	20.97	20.95	20.77	22.50
		HIGH	64QAM	21.01	21.01	20.87	20.91	20.70	22.50
	36	LOW	64QAM	20.27	20.06	20.00	19.90	19.97	21.50
		MID	64QAM	20.19	20.36	20.18	20.18	20.14	21.50
		HIGH	64QAM	19.99	20.40	20.10	20.40	20.25	21.50
	75	LOW	64QAM	20.21	20.32	20.38	20.24	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.92	23.11	23.11	23.02	**23.14**	24.50
		MID	QPSK	22.86	22.78	23.01	23.10	22.95	24.50
		HIGH	QPSK	22.84	23.03	23.03	23.05	22.94	24.50
	50	LOW	QPSK	21.99	22.06	22.06	21.88	22.09	23.50
		MID	QPSK	22.05	22.04	**22.12**	22.03	22.09	23.50
		HIGH	QPSK	21.98	22.02	22.04	21.82	22.05	23.50
	100	LOW	QPSK	22.07	22.06	**22.12**	21.92	22.11	23.50
20	1	LOW	Q16	22.16	22.50	22.50	22.28	22.44	23.50
		MID	Q16	22.11	22.22	22.44	22.42	22.28	23.50
		HIGH	Q16	22.08	22.48	22.44	22.28	22.24	23.50
	50	LOW	Q16	21.01	20.96	21.07	20.90	21.08	22.50
		MID	Q16	21.11	20.91	21.14	20.91	21.09	22.50
		HIGH	Q16	20.99	21.12	21.10	21.10	21.03	22.50
	100	LOW	Q16	21.07	21.04	21.10	20.91	21.08	22.50
20	1	LOW	64QAM	21.13	21.04	21.06	20.91	20.95	22.50
		MID	64QAM	21.05	20.82	20.95	20.95	20.96	22.50
		HIGH	64QAM	20.99	20.97	20.91	20.74	20.82	22.50
	50	LOW	64QAM	20.19	19.96	20.12	20.22	20.07	21.50
		MID	64QAM	20.31	20.14	20.36	20.38	20.16	21.50
		HIGH	64QAM	20.17	20.32	20.30	20.10	20.23	21.50
	100	LOW	64QAM	20.25	20.30	20.36	20.14	20.30	21.50

LTE B41-State 18 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	22.95	**23.20**	23.16	23.05	24.50
		MID	QPSK	22.86	23.10	23.08	22.99	22.79	24.50
		HIGH	QPSK	22.59	23.15	22.85	22.85	22.78	24.50
	12	LOW	QPSK	21.75	**22.17**	22.04	22.08	21.91	23.50
		MID	QPSK	21.92	22.16	22.01	21.97	22.05	23.50
		HIGH	QPSK	21.83	21.95	22.11	21.82	21.98	23.50
	25	LOW	QPSK	22.16	22.21	21.88	**22.23**	21.93	23.50
5	1	LOW	Q16	22.05	22.25	22.55	22.52	22.51	23.50
		MID	Q16	22.13	22.42	22.55	22.33	22.19	23.50
		HIGH	Q16	21.88	22.55	22.48	22.28	22.02	23.50
	12	LOW	Q16	20.86	20.84	21.09	20.86	21.19	22.50
		MID	Q16	20.88	21.12	21.20	21.22	20.88	22.50
		HIGH	Q16	21.09	20.89	20.91	20.91	20.80	22.50
	25	LOW	Q16	20.86	21.10	21.16	20.89	20.89	22.50
5	1	LOW	64QAM	21.09	21.00	20.83	20.83	20.99	22.50
		MID	64QAM	20.97	20.74	20.89	20.76	20.88	22.50
		HIGH	64QAM	21.07	20.93	20.93	20.95	20.65	22.50
	12	LOW	64QAM	20.03	20.04	20.06	20.02	20.13	21.50
		MID	64QAM	20.27	20.14	20.28	20.44	20.26	21.50
		HIGH	64QAM	20.15	20.18	20.40	20.18	20.21	21.50
	25	LOW	64QAM	20.07	20.34	20.24	20.18	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.67	23.18	**23.20**	23.13	23.16	24.50
		MID	QPSK	22.79	23.13	23.08	22.78	23.04	24.50
		HIGH	QPSK	22.84	22.78	22.98	23.12	22.89	24.50
	25	LOW	QPSK	21.90	21.88	22.02	**22.17**	21.96	23.50
		MID	QPSK	21.85	22.01	21.92	22.14	22.11	23.50
		HIGH	QPSK	21.74	21.91	21.84	21.89	22.05	23.50
	50	LOW	QPSK	21.94	22.14	22.16	**22.19**	22.15	23.50
10	1	LOW	Q16	22.12	22.30	22.61	22.41	22.40	23.50
		MID	Q16	21.87	22.35	22.19	22.44	22.26	23.50
		HIGH	Q16	22.12	22.53	22.55	22.40	22.28	23.50
	25	LOW	Q16	20.95	20.86	20.86	21.11	20.87	22.50
		MID	Q16	20.90	21.20	21.06	21.06	21.13	22.50
		HIGH	Q16	20.78	20.95	21.16	21.16	21.03	22.50
	50	LOW	Q16	20.94	20.89	20.95	20.89	20.95	22.50
10	1	LOW	64QAM	20.94	20.83	20.91	20.85	21.05	22.50
		MID	64QAM	21.16	20.82	20.91	20.72	20.90	22.50
		HIGH	64QAM	20.95	20.68	20.95	20.81	20.67	22.50
	25	LOW	64QAM	19.97	20.08	19.98	20.18	19.91	21.50
		MID	64QAM	20.21	20.34	20.28	20.18	19.96	21.50
		HIGH	64QAM	20.21	20.10	20.36	20.28	20.03	21.50
	50	LOW	64QAM	20.29	20.44	20.42	20.24	20.28	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.85	23.02	23.02	23.06	23.05	24.50
		MID	QPSK	22.84	22.83	22.94	22.99	22.88	24.50
		HIGH	QPSK	22.61	**23.15**	22.78	22.96	22.89	24.50
	36	LOW	QPSK	21.92	22.08	21.88	22.13	21.96	23.50
		MID	QPSK	**22.16**	22.01	22.08	22.03	21.89	23.50
		HIGH	QPSK	22.00	21.91	22.04	21.95	21.81	23.50
	75	LOW	QPSK	**22.16**	**22.16**	21.92	22.01	22.02	23.50
15	1	LOW	Q16	22.16	22.30	22.52	22.61	22.33	23.50
		MID	Q16	22.11	22.31	22.37	22.31	22.37	23.50
		HIGH	Q16	22.15	22.26	22.35	22.37	22.28	23.50
	36	LOW	Q16	20.82	21.18	21.01	20.96	20.97	22.50
		MID	Q16	21.17	21.14	21.10	21.25	20.88	22.50
		HIGH	Q16	20.84	20.95	21.10	21.10	21.11	22.50
	75	LOW	Q16	21.07	20.91	21.06	21.10	20.93	22.50
15	1	LOW	64QAM	21.21	20.98	21.12	20.89	20.93	22.50
		MID	64QAM	21.09	20.97	20.97	20.95	20.77	22.50
		HIGH	64QAM	21.01	21.01	20.87	20.91	20.70	22.50
	36	LOW	64QAM	20.27	20.06	20.00	19.90	19.97	21.50
		MID	64QAM	20.19	20.36	20.18	20.18	20.14	21.50
		HIGH	64QAM	19.99	20.40	20.10	20.40	20.25	21.50
	75	LOW	64QAM	20.21	20.32	20.38	20.24	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.92	23.11	23.11	23.02	**23.14**	24.50
		MID	QPSK	22.86	22.78	23.01	23.10	22.95	24.50
		HIGH	QPSK	22.84	23.03	23.03	23.05	22.94	24.50
	50	LOW	QPSK	21.99	22.06	22.06	21.88	22.09	23.50
		MID	QPSK	22.05	22.04	**22.12**	22.03	22.09	23.50
		HIGH	QPSK	21.98	22.02	22.04	21.82	22.05	23.50
	100	LOW	QPSK	22.07	22.06	**22.12**	21.92	22.11	23.50
20	1	LOW	Q16	22.16	22.50	22.50	22.28	22.44	23.50
		MID	Q16	22.11	22.22	22.44	22.42	22.28	23.50
		HIGH	Q16	22.08	22.48	22.44	22.28	22.24	23.50
	50	LOW	Q16	21.01	20.96	21.07	20.90	21.08	22.50
		MID	Q16	21.11	20.91	21.14	20.91	21.09	22.50
		HIGH	Q16	20.99	21.12	21.10	21.10	21.03	22.50
	100	LOW	Q16	21.07	21.04	21.10	20.91	21.08	22.50
20	1	LOW	64QAM	21.13	21.04	21.06	20.91	20.95	22.50
		MID	64QAM	21.05	20.82	20.95	20.95	20.96	22.50
		HIGH	64QAM	20.99	20.97	20.91	20.74	20.82	22.50
	50	LOW	64QAM	20.19	19.96	20.12	20.22	20.07	21.50
		MID	64QAM	20.31	20.14	20.36	20.38	20.16	21.50
		HIGH	64QAM	20.17	20.32	20.30	20.10	20.23	21.50
	100	LOW	64QAM	20.25	20.30	20.36	20.14	20.30	21.50

LTE B41-State 20 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.99	22.95	**23.20**	23.16	23.05	24.50
		MID	QPSK	22.86	23.10	23.08	22.99	22.79	24.50
		HIGH	QPSK	22.59	23.15	22.85	22.85	22.78	24.50
	12	LOW	QPSK	21.75	**22.17**	22.04	22.08	21.91	23.50
		MID	QPSK	21.92	22.16	22.01	21.97	22.05	23.50
		HIGH	QPSK	21.83	21.95	22.11	21.82	21.98	23.50
	25	LOW	QPSK	22.16	22.21	21.88	**22.23**	21.93	23.50
5	1	LOW	Q16	22.05	22.25	22.55	22.52	22.51	23.50
		MID	Q16	22.13	22.42	22.55	22.33	22.19	23.50
		HIGH	Q16	21.88	22.55	22.48	22.28	22.02	23.50
	12	LOW	Q16	20.86	20.84	21.09	20.86	21.19	22.50
		MID	Q16	20.88	21.12	21.20	21.22	20.88	22.50
		HIGH	Q16	21.09	20.89	20.91	20.91	20.80	22.50
	25	LOW	Q16	20.86	21.10	21.16	20.89	20.89	22.50
5	1	LOW	64QAM	21.09	21.00	20.83	20.83	20.99	22.50
		MID	64QAM	20.97	20.74	20.89	20.76	20.88	22.50
		HIGH	64QAM	21.07	20.93	20.93	20.95	20.65	22.50
	12	LOW	64QAM	20.03	20.04	20.06	20.02	20.13	21.50
		MID	64QAM	20.27	20.14	20.28	20.44	20.26	21.50
		HIGH	64QAM	20.15	20.18	20.40	20.18	20.21	21.50
	25	LOW	64QAM	20.07	20.34	20.24	20.18	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.67	23.18	**23.20**	23.13	23.16	24.50
		MID	QPSK	22.79	23.13	23.08	22.78	23.04	24.50
		HIGH	QPSK	22.84	22.78	22.98	23.12	22.89	24.50
	25	LOW	QPSK	21.90	21.88	22.02	**22.17**	21.96	23.50
		MID	QPSK	21.85	22.01	21.92	22.14	22.11	23.50
		HIGH	QPSK	21.74	21.91	21.84	21.89	22.05	23.50
	50	LOW	QPSK	21.94	22.14	22.16	**22.19**	22.15	23.50
10	1	LOW	Q16	22.12	22.30	22.61	22.41	22.40	23.50
		MID	Q16	21.87	22.35	22.19	22.44	22.26	23.50
		HIGH	Q16	22.12	22.53	22.55	22.40	22.28	23.50
	25	LOW	Q16	20.95	20.86	20.86	21.11	20.87	22.50
		MID	Q16	20.90	21.20	21.06	21.06	21.13	22.50
		HIGH	Q16	20.78	20.95	21.16	21.16	21.03	22.50
	50	LOW	Q16	20.94	20.89	20.95	20.89	20.95	22.50
10	1	LOW	64QAM	20.94	20.83	20.91	20.85	21.05	22.50
		MID	64QAM	21.16	20.82	20.91	20.72	20.90	22.50
		HIGH	64QAM	20.95	20.68	20.95	20.81	20.67	22.50
	25	LOW	64QAM	19.97	20.08	19.98	20.18	19.91	21.50
		MID	64QAM	20.21	20.34	20.28	20.18	19.96	21.50
		HIGH	64QAM	20.21	20.10	20.36	20.28	20.03	21.50
	50	LOW	64QAM	20.29	20.44	20.42	20.24	20.28	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.85	23.02	23.02	23.06	23.05	24.50
		MID	QPSK	22.84	22.83	22.94	22.99	22.88	24.50
		HIGH	QPSK	22.61	**23.15**	22.78	22.96	22.89	24.50
	36	LOW	QPSK	21.92	22.08	21.88	22.13	21.96	23.50
		MID	QPSK	**22.16**	22.01	22.08	22.03	21.89	23.50
		HIGH	QPSK	22.00	21.91	22.04	21.95	21.81	23.50
	75	LOW	QPSK	**22.16**	**22.16**	21.92	22.01	22.02	23.50
15	1	LOW	Q16	22.16	22.30	22.52	22.61	22.33	23.50
		MID	Q16	22.11	22.31	22.37	22.31	22.37	23.50
		HIGH	Q16	22.15	22.26	22.35	22.37	22.28	23.50
	36	LOW	Q16	20.82	21.18	21.01	20.96	20.97	22.50
		MID	Q16	21.17	21.14	21.10	21.25	20.88	22.50
		HIGH	Q16	20.84	20.95	21.10	21.10	21.11	22.50
	75	LOW	Q16	21.07	20.91	21.06	21.10	20.93	22.50
15	1	LOW	64QAM	21.21	20.98	21.12	20.89	20.93	22.50
		MID	64QAM	21.09	20.97	20.97	20.95	20.77	22.50
		HIGH	64QAM	21.01	21.01	20.87	20.91	20.70	22.50
	36	LOW	64QAM	20.27	20.06	20.00	19.90	19.97	21.50
		MID	64QAM	20.19	20.36	20.18	20.18	20.14	21.50
		HIGH	64QAM	19.99	20.40	20.10	20.40	20.25	21.50
	75	LOW	64QAM	20.21	20.32	20.38	20.24	20.24	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.92	23.11	23.11	23.02	**23.14**	24.50
		MID	QPSK	22.86	22.78	23.01	23.10	22.95	24.50
		HIGH	QPSK	22.84	23.03	23.03	23.05	22.94	24.50
	50	LOW	QPSK	21.99	22.06	22.06	21.88	22.09	23.50
		MID	QPSK	22.05	22.04	**22.12**	22.03	22.09	23.50
		HIGH	QPSK	21.98	22.02	22.04	21.82	22.05	23.50
	100	LOW	QPSK	22.07	22.06	**22.12**	21.92	22.11	23.50
20	1	LOW	Q16	22.16	22.50	22.50	22.28	22.44	23.50
		MID	Q16	22.11	22.22	22.44	22.42	22.28	23.50
		HIGH	Q16	22.08	22.48	22.44	22.28	22.24	23.50
	50	LOW	Q16	21.01	20.96	21.07	20.90	21.08	22.50
		MID	Q16	21.11	20.91	21.14	20.91	21.09	22.50
		HIGH	Q16	20.99	21.12	21.10	21.10	21.03	22.50
	100	LOW	Q16	21.07	21.04	21.10	20.91	21.08	22.50
20	1	LOW	64QAM	21.13	21.04	21.06	20.91	20.95	22.50
		MID	64QAM	21.05	20.82	20.95	20.95	20.96	22.50
		HIGH	64QAM	20.99	20.97	20.91	20.74	20.82	22.50
	50	LOW	64QAM	20.19	19.96	20.12	20.22	20.07	21.50
		MID	64QAM	20.31	20.14	20.36	20.38	20.16	21.50
		HIGH	64QAM	20.17	20.32	20.30	20.10	20.23	21.50
	100	LOW	64QAM	20.25	20.30	20.36	20.14	20.30	21.50

LTE B41-State 11-Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.64	20.62	20.67	20.50	20.61	22.50
		MID	QPSK	20.60	20.68	**20.69**	20.64	20.67	22.50
		HIGH	QPSK	20.65	20.61	20.55	20.58	20.62	22.50
	12	LOW	QPSK	20.53	20.61	20.50	20.67	20.63	22.50
		MID	QPSK	20.64	20.68	20.53	20.53	**20.74**	22.50
		HIGH	QPSK	20.53	20.66	20.66	20.55	20.50	22.50
	25	LOW	QPSK	20.56	**20.69**	20.53	20.64	20.68	22.50
5	1	LOW	Q16	20.71	20.64	20.55	20.51	20.68	22.50
		MID	Q16	20.78	20.64	20.64	20.55	20.73	22.50
		HIGH	Q16	20.56	20.61	20.70	20.53	20.51	22.50
	12	LOW	Q16	20.68	20.60	20.59	20.63	20.64	22.50
		MID	Q16	20.67	20.63	20.59	20.63	20.67	22.50
		HIGH	Q16	20.68	20.58	20.68	20.65	20.68	22.50
	25	LOW	Q16	20.63	20.61	20.57	20.64	20.72	22.50
5	1	LOW	64QAM	20.60	20.62	20.65	20.53	20.52	22.50
		MID	64QAM	20.65	20.58	20.69	20.69	20.54	22.50
		HIGH	64QAM	20.68	20.53	20.58	20.53	20.62	22.50
	12	LOW	64QAM	19.62	19.59	19.75	19.77	19.92	21.50
		MID	64QAM	19.65	19.69	19.68	19.77	19.60	21.50
		HIGH	64QAM	19.65	19.71	19.63	19.85	19.93	21.50
	25	LOW	64QAM	19.79	19.67	19.51	19.62	19.55	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	**20.75**	20.64	20.65	20.57	20.63	22.50
		MID	QPSK	20.51	20.70	20.65	20.62	20.63	22.50
		HIGH	QPSK	20.69	20.61	20.51	20.66	20.64	22.50
	25	LOW	QPSK	20.51	20.67	20.60	20.63	20.59	22.50
		MID	QPSK	20.62	20.56	20.62	20.65	20.69	22.50
		HIGH	QPSK	20.51	20.66	20.68	20.67	**20.70**	22.50
	50	LOW	QPSK	20.59	20.53	20.53	20.62	**20.65**	22.50
10	1	LOW	Q16	20.73	20.85	20.78	20.60	20.57	22.50
		MID	Q16	20.76	20.64	20.68	20.61	20.68	22.50
		HIGH	Q16	20.67	20.82	20.70	20.63	20.51	22.50
	25	LOW	Q16	20.52	20.63	20.50	20.55	20.60	22.50
		MID	Q16	20.63	20.66	20.51	20.54	20.77	22.50
		HIGH	Q16	20.52	20.67	20.59	20.51	20.50	22.50
	50	LOW	Q16	20.67	20.65	20.53	20.64	20.63	22.50
10	1	LOW	64QAM	20.50	20.54	20.61	20.67	20.62	22.50
		MID	64QAM	20.71	20.63	20.60	20.53	20.69	22.50
		HIGH	64QAM	20.68	20.53	20.64	20.59	20.60	22.50
	25	LOW	64QAM	19.50	19.89	19.61	19.83	19.96	21.50
		MID	64QAM	19.61	19.77	19.62	19.75	19.66	21.50
		HIGH	64QAM	19.59	19.69	19.69	19.81	19.83	21.50
	50	LOW	64QAM	19.63	19.93	19.51	19.62	19.69	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.63	20.52	20.57	20.53	20.61	22.50
		MID	QPSK	**20.73**	20.60	20.57	20.64	20.69	22.50
		HIGH	QPSK	20.65	20.69	20.67	20.50	20.56	22.50
	36	LOW	QPSK	20.59	20.52	20.66	20.61	20.54	22.50
		MID	QPSK	20.70	20.61	20.68	20.67	**20.72**	22.50
		HIGH	QPSK	20.54	20.53	20.64	20.69	20.50	22.50
	75	LOW	QPSK	20.59	20.62	20.66	20.64	**20.73**	22.50
15	1	LOW	Q16	20.87	20.62	20.70	20.62	20.59	22.50
		MID	Q16	20.53	20.73	20.69	20.62	20.53	22.50
		HIGH	Q16	20.60	20.72	20.74	20.73	20.59	22.50
	36	LOW	Q16	20.54	20.55	20.61	20.51	20.55	22.50
		MID	Q16	20.69	20.51	20.59	20.69	20.67	22.50
		HIGH	Q16	20.56	20.61	20.61	20.62	20.67	22.50
	75	LOW	Q16	20.54	20.65	20.69	20.64	20.74	22.50
15	1	LOW	64QAM	20.50	20.68	20.61	20.63	20.68	22.50
		MID	64QAM	20.62	20.63	20.66	20.57	20.52	22.50
		HIGH	64QAM	20.52	20.69	20.59	20.60	20.57	22.50
	36	LOW	64QAM	19.64	19.73	19.51	19.87	19.94	21.50
		MID	64QAM	19.71	19.79	19.58	19.65	19.68	21.50
		HIGH	64QAM	19.59	19.85	19.57	19.65	19.85	21.50
	75	LOW	64QAM	19.67	19.69	19.63	19.64	19.63	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.65	20.60	20.53	20.53	20.51	22.50
		MID	QPSK	20.63	20.62	20.61	20.65	**20.67**	22.50
		HIGH	QPSK	20.55	20.51	20.59	20.54	20.52	22.50
	50	LOW	QPSK	20.55	20.55	20.50	20.55	20.57	22.50
		MID	QPSK	20.60	20.62	20.56	20.55	**20.66**	22.50
		HIGH	QPSK	20.54	20.56	20.54	20.61	20.62	22.50
	100	LOW	QPSK	20.59	20.61	20.54	20.54	**20.65**	22.50
20	1	LOW	Q16	20.79	20.81	20.74	20.70	20.69	22.50
		MID	Q16	20.72	20.65	20.66	20.61	20.65	22.50
		HIGH	Q16	20.70	20.76	20.76	20.63	20.55	22.50
	50	LOW	Q16	20.50	20.59	20.53	20.57	20.58	22.50
		MID	Q16	20.59	20.63	20.63	20.55	20.69	22.50
		HIGH	Q16	20.56	20.61	20.60	20.61	20.67	22.50
	100	LOW	Q16	20.57	20.61	20.57	20.56	20.66	22.50
20	1	LOW	64QAM	20.52	20.62	20.63	20.53	20.56	22.50
		MID	64QAM	20.59	20.65	20.59	20.59	20.73	22.50
		HIGH	64QAM	20.68	20.55	20.64	20.67	20.63	22.50
	50	LOW	64QAM	19.62	19.83	19.75	19.61	19.70	21.50
		MID	64QAM	19.63	19.91	19.68	19.57	19.58	21.50
		HIGH	64QAM	19.55	19.67	19.63	19.77	19.69	21.50
	100	LOW	64QAM	19.75	19.83	19.53	19.54	19.53	21.50

LTE B41-State 15 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.19	20.12	20.16	**20.26**	20.19	21.50
		MID	QPSK	19.98	20.10	20.12	19.98	20.16	21.50
		HIGH	QPSK	19.69	19.99	19.83	19.83	20.11	21.50
	12	LOW	QPSK	20.22	19.98	20.12	20.16	20.17	21.50
		MID	QPSK	20.20	20.01	20.25	20.05	20.22	21.50
		HIGH	QPSK	19.97	20.20	20.18	20.20	**20.40**	21.50
	25	LOW	QPSK	**20.27**	20.02	20.04	20.18	20.14	21.50
5	1	LOW	Q16	20.11	20.59	20.41	20.55	20.84	21.50
		MID	Q16	19.99	20.33	20.37	20.25	20.41	21.50
		HIGH	Q16	20.22	20.29	20.53	20.31	20.70	21.50
	12	LOW	Q16	19.97	20.06	20.22	19.98	20.26	21.50
		MID	Q16	20.08	20.25	20.31	20.01	20.32	21.50
		HIGH	Q16	19.96	20.14	20.12	20.10	20.37	21.50
	25	LOW	Q16	20.25	20.02	20.24	20.12	20.23	21.50
5	1	LOW	64QAM	20.25	20.00	19.72	19.80	20.16	21.50
		MID	64QAM	20.22	20.19	20.25	20.11	19.98	21.50
		HIGH	64QAM	20.20	19.94	20.08	19.98	20.39	21.50
	12	LOW	64QAM	20.29	19.96	19.70	19.98	19.89	21.50
		MID	64QAM	19.99	20.36	20.22	20.16	20.36	21.50
		HIGH	64QAM	20.17	20.14	20.16	20.26	20.19	21.50
	25	LOW	64QAM	20.15	20.46	20.44	20.52	20.04	21.50
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.15	**20.26**	20.10	20.18	20.23	21.50
		MID	QPSK	19.96	19.94	19.90	20.02	20.16	21.50
		HIGH	QPSK	19.83	20.15	20.03	19.87	20.15	21.50
	25	LOW	QPSK	19.94	20.12	20.12	20.18	**20.23**	21.50
		MID	QPSK	20.14	20.21	20.09	19.99	20.14	21.50
		HIGH	QPSK	19.93	20.00	20.18	20.00	20.20	21.50
	50	LOW	QPSK	20.19	20.08	20.08	20.20	**20.34**	21.50
10	1	LOW	Q16	20.05	20.63	20.53	20.67	20.82	21.50
		MID	Q16	20.17	20.41	20.25	20.43	20.43	21.50
		HIGH	Q16	20.00	20.25	20.53	20.33	20.39	21.50
	25	LOW	Q16	19.97	20.06	20.04	20.14	20.18	21.50
		MID	Q16	20.16	20.09	20.29	20.23	20.32	21.50
		HIGH	Q16	20.12	19.96	20.28	20.08	20.23	21.50
	50	LOW	Q16	20.27	20.06	20.26	20.10	20.11	21.50
10	1	LOW	64QAM	20.33	19.92	19.94	20.02	20.30	21.50
		MID	64QAM	20.34	20.31	20.25	20.19	20.18	21.50
		HIGH	64QAM	20.00	20.08	20.06	20.02	20.43	21.50
	25	LOW	64QAM	20.25	19.86	19.74	20.00	20.07	21.50
		MID	64QAM	20.07	20.40	20.20	20.14	20.06	21.50
		HIGH	64QAM	20.11	20.26	20.36	20.40	20.25	21.50
	50	LOW	64QAM	20.13	20.42	20.46	20.34	20.06	21.50

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.23	20.26	19.98	20.16	**20.27**	21.50
		MID	QPSK	20.10	20.10	20.08	20.04	20.22	21.50
		HIGH	QPSK	19.85	20.15	20.13	20.07	20.25	21.50
	36	LOW	QPSK	20.26	19.94	20.04	19.96	20.17	21.50
		MID	QPSK	20.24	20.05	20.05	20.03	**20.38**	21.50
		HIGH	QPSK	20.17	20.02	19.98	20.16	20.16	21.50
	75	LOW	QPSK	20.13	20.22	20.08	20.26	**20.30**	21.50
15	1	LOW	Q16	20.35	20.59	20.67	20.41	20.76	21.50
		MID	Q16	20.17	20.39	20.51	20.47	20.36	21.50
		HIGH	Q16	20.12	20.27	20.31	20.49	20.64	21.50
	36	LOW	Q16	20.19	20.04	19.98	20.10	20.42	21.50
		MID	Q16	20.08	20.23	20.01	20.17	20.20	21.50
		HIGH	Q16	20.12	20.06	20.06	20.24	20.31	21.50
	75	LOW	Q16	20.19	20.00	20.10	19.96	20.39	21.50
15	1	LOW	64QAM	20.21	19.92	19.74	19.78	20.38	21.50
		MID	64QAM	20.08	20.31	20.13	20.11	19.98	21.50
		HIGH	64QAM	20.22	19.84	19.86	20.08	20.19	21.50
	36	LOW	64QAM	20.35	19.76	19.98	19.74	19.99	21.50
		MID	64QAM	19.95	20.16	20.20	20.10	20.04	21.50
		HIGH	64QAM	20.13	20.30	20.36	20.24	20.15	21.50
	75	LOW	64QAM	20.19	20.44	20.24	20.26	20.14	21.50
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.19	20.23	20.20	20.27	**20.37**	21.50
		MID	QPSK	20.00	20.30	20.04	20.24	20.26	21.50
		HIGH	QPSK	19.91	20.19	20.05	20.13	20.27	21.50
	50	LOW	QPSK	20.16	20.15	20.10	20.25	**20.37**	21.50
		MID	QPSK	20.20	20.26	20.17	20.36	20.34	21.50
		HIGH	QPSK	20.11	20.32	20.12	20.30	20.36	21.50
	100	LOW	QPSK	20.21	20.18	20.16	20.20	**20.30**	21.50
20	1	LOW	Q16	20.25	20.45	20.57	20.74	20.74	21.50
		MID	Q16	20.19	20.51	20.41	20.57	20.57	21.50
		HIGH	Q16	20.16	20.46	20.45	20.54	20.60	21.50
	50	LOW	Q16	20.19	20.26	20.16	20.30	20.38	21.50
		MID	Q16	20.22	20.24	20.21	20.42	20.32	21.50
		HIGH	Q16	20.16	20.27	20.18	20.27	20.35	21.50
	100	LOW	Q16	20.23	20.43	20.16	20.33	20.33	21.50
20	1	LOW	64QAM	20.25	20.40	19.94	20.26	20.30	21.50
		MID	64QAM	20.28	20.26	20.21	20.10	20.16	21.50
		HIGH	64QAM	20.20	20.27	20.02	20.35	20.41	21.50
	50	LOW	64QAM	20.29	19.81	19.90	19.87	19.99	21.50
		MID	64QAM	20.11	20.24	20.30	20.30	20.26	21.50
		HIGH	64QAM	20.13	20.13	20.36	20.15	20.23	21.50
	100	LOW	64QAM	20.19	20.06	20.44	20.02	20.10	21.50

LTE B41-State 17 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.57	19.37	19.59	19.34	21.00
		MID	QPSK	**19.77**	19.38	19.67	19.73	19.65	21.00
		HIGH	QPSK	19.51	19.37	19.39	19.40	19.76	21.00
	12	LOW	QPSK	19.47	19.66	19.48	19.52	**19.74**	21.00
		MID	QPSK	19.48	19.65	19.60	19.59	19.39	21.00
		HIGH	QPSK	19.37	**19.74**	19.40	19.37	19.47	21.00
	25	LOW	QPSK	**19.64**	19.52	19.60	19.42	19.49	21.00
5	1	LOW	Q16	19.65	19.53	19.68	19.77	19.70	21.00
		MID	Q16	19.50	19.66	19.52	19.79	19.83	21.00
		HIGH	Q16	19.79	19.64	19.64	19.89	20.04	21.00
	12	LOW	Q16	19.31	19.60	19.45	19.52	19.83	21.00
		MID	Q16	19.55	19.87	19.43	19.57	19.38	21.00
		HIGH	Q16	19.53	19.54	19.61	19.46	19.50	21.00
	25	LOW	Q16	19.63	19.55	19.49	19.57	19.58	21.00
5	1	LOW	64QAM	19.63	19.65	19.58	19.83	19.54	21.00
		MID	64QAM	19.46	19.44	19.62	19.51	19.63	21.00
		HIGH	64QAM	19.55	19.64	19.52	19.85	19.78	21.00
	12	LOW	64QAM	19.36	19.58	19.41	19.46	19.67	21.00
		MID	64QAM	19.63	19.61	19.59	19.51	19.46	21.00
		HIGH	64QAM	19.47	19.54	19.75	19.64	19.30	21.00
	25	LOW	64QAM	19.14	19.39	19.33	19.41	19.42	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.47	19.43	19.59	19.44	21.00
		MID	QPSK	19.51	19.44	19.75	**19.85**	19.75	21.00
		HIGH	QPSK	19.57	19.57	19.55	19.64	19.74	21.00
	25	LOW	QPSK	19.35	19.66	19.48	19.36	19.64	21.00
		MID	QPSK	19.66	19.67	19.40	19.33	19.43	21.00
		HIGH	QPSK	19.61	**19.68**	19.54	19.67	19.45	21.00
	50	LOW	QPSK	19.40	19.48	19.58	19.54	**19.67**	21.00
10	1	LOW	Q16	19.63	19.75	19.90	19.65	19.84	21.00
		MID	Q16	19.52	19.74	19.66	19.55	19.93	21.00
		HIGH	Q16	19.57	19.72	19.52	19.73	19.90	21.00
	25	LOW	Q16	19.31	19.50	19.61	19.40	19.63	21.00
		MID	Q16	19.65	19.59	19.69	19.63	19.56	21.00
		HIGH	Q16	19.39	19.54	19.41	19.56	19.50	21.00
	50	LOW	Q16	19.51	19.57	19.51	19.45	19.64	21.00
10	1	LOW	64QAM	19.69	19.47	19.78	20.03	19.70	21.00
		MID	64QAM	19.48	19.42	19.56	19.75	19.81	21.00
		HIGH	64QAM	19.83	19.50	19.54	19.81	20.00	21.00
	25	LOW	64QAM	19.36	19.42	19.49	19.54	19.41	21.00
		MID	64QAM	19.73	19.73	19.61	19.35	19.21	21.00
		HIGH	64QAM	19.30	19.32	19.49	19.38	19.24	21.00
	50	LOW	64QAM	19.23	19.47	19.49	19.39	19.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.50	19.33	19.30	19.57	19.62	21.00
		MID	QPSK	19.47	19.62	19.55	**19.79**	19.75	21.00
		HIGH	QPSK	19.77	19.51	19.37	19.46	19.76	21.00
	36	LOW	QPSK	19.30	19.44	19.31	19.50	19.70	21.00
		MID	QPSK	19.50	19.79	19.62	19.35	19.59	21.00
		HIGH	QPSK	19.59	**19.80**	19.50	19.47	19.63	21.00
	75	LOW	QPSK	19.60	**19.72**	19.52	19.58	19.57	21.00
15	1	LOW	Q16	19.67	19.81	19.72	19.89	20.02	21.00
		MID	Q16	19.68	19.56	19.70	19.71	19.89	21.00
		HIGH	Q16	19.77	19.56	19.50	19.75	19.90	21.00
	36	LOW	Q16	19.53	19.54	19.65	19.42	19.59	21.00
		MID	Q16	19.57	19.85	19.67	19.57	19.46	21.00
		HIGH	Q16	19.59	19.72	19.65	19.58	19.66	21.00
	75	LOW	Q16	19.37	19.73	19.61	19.57	19.40	21.00
15	1	LOW	64QAM	19.71	19.39	19.52	20.05	19.58	21.00
		MID	64QAM	19.40	19.64	19.40	19.65	19.73	21.00
		HIGH	64QAM	19.71	19.58	19.42	19.79	19.90	21.00
	36	LOW	64QAM	19.22	19.50	19.22	19.44	19.53	21.00
		MID	64QAM	19.57	19.71	19.71	19.47	19.38	21.00
		HIGH	64QAM	19.35	19.31	19.47	19.70	19.22	21.00
	75	LOW	64QAM	19.43	19.47	19.29	19.27	19.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.52	19.51	19.51	19.53	19.52	21.00
		MID	QPSK	19.69	19.54	19.77	19.75	19.71	21.00
		HIGH	QPSK	19.67	19.55	19.53	19.54	**19.78**	21.00
	50	LOW	QPSK	19.51	19.64	19.52	19.56	**19.76**	21.00
		MID	QPSK	19.58	19.73	19.60	19.55	19.59	21.00
		HIGH	QPSK	19.55	19.72	19.56	19.59	19.57	21.00
	100	LOW	QPSK	19.58	19.66	19.60	19.52	**19.71**	21.00
20	1	LOW	Q16	19.77	19.73	19.80	19.87	19.92	21.00
		MID	Q16	19.70	19.74	19.60	19.77	19.83	21.00
		HIGH	Q16	19.73	19.76	19.68	19.91	19.98	21.00
	50	LOW	Q16	19.51	19.64	19.55	19.56	19.79	21.00
		MID	Q16	19.61	19.77	19.63	19.53	19.60	21.00
		HIGH	Q16	19.55	19.70	19.59	19.62	19.58	21.00
	100	LOW	Q16	19.57	19.73	19.61	19.53	19.56	21.00
20	1	LOW	64QAM	19.73	19.57	19.74	19.97	19.72	21.00
		MID	64QAM	19.60	19.58	19.54	19.67	19.79	21.00
		HIGH	64QAM	19.77	19.58	19.62	19.87	20.00	21.00
	50	LOW	64QAM	19.30	19.62	19.43	19.60	19.57	21.00
		MID	64QAM	19.67	19.67	19.65	19.41	19.42	21.00
		HIGH	64QAM	19.51	19.50	19.69	19.60	19.38	21.00
	100	LOW	64QAM	19.35	19.51	19.45	19.45	19.34	21.00

LTE B41-State 19 -Ant.0									
Bandwidth (	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.48	19.57	19.37	19.59	19.34	21.00
		MID	QPSK	**19.77**	19.38	19.67	19.73	19.65	21.00
		HIGH	QPSK	19.51	19.37	19.39	19.40	19.76	21.00
	12	LOW	QPSK	19.47	19.66	19.48	19.52	**19.74**	21.00
		MID	QPSK	19.48	19.65	19.60	19.59	19.39	21.00
		HIGH	QPSK	19.37	**19.74**	19.40	19.37	19.47	21.00
	25	LOW	QPSK	**19.64**	19.52	19.60	19.42	19.49	21.00
5	1	LOW	Q16	19.65	19.53	19.68	19.77	19.70	21.00
		MID	Q16	19.50	19.66	19.52	19.79	19.83	21.00
		HIGH	Q16	19.79	19.64	19.64	19.89	20.04	21.00
	12	LOW	Q16	19.31	19.60	19.45	19.52	19.83	21.00
		MID	Q16	19.55	19.87	19.43	19.57	19.38	21.00
		HIGH	Q16	19.53	19.54	19.61	19.46	19.50	21.00
	25	LOW	Q16	19.63	19.55	19.49	19.57	19.58	21.00
5	1	LOW	64QAM	19.63	19.65	19.58	19.83	19.54	21.00
		MID	64QAM	19.46	19.44	19.62	19.51	19.63	21.00
		HIGH	64QAM	19.55	19.64	19.52	19.85	19.78	21.00
	12	LOW	64QAM	19.36	19.58	19.41	19.46	19.67	21.00
		MID	64QAM	19.63	19.61	19.59	19.51	19.46	21.00
		HIGH	64QAM	19.47	19.54	19.75	19.64	19.30	21.00
	25	LOW	64QAM	19.14	19.39	19.33	19.41	19.42	21.00
Bandwidth (	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.31	19.47	19.43	19.59	19.44	21.00
		MID	QPSK	19.51	19.44	19.75	**19.85**	19.75	21.00
		HIGH	QPSK	19.57	19.57	19.55	19.64	19.74	21.00
	25	LOW	QPSK	19.35	19.66	19.48	19.36	19.64	21.00
		MID	QPSK	19.66	19.67	19.40	19.33	19.43	21.00
		HIGH	QPSK	19.61	**19.68**	19.54	19.67	19.45	21.00
	50	LOW	QPSK	19.40	19.48	19.58	19.54	**19.67**	21.00
10	1	LOW	Q16	19.63	19.75	19.90	19.65	19.84	21.00
		MID	Q16	19.52	19.74	19.66	19.55	19.93	21.00
		HIGH	Q16	19.57	19.72	19.52	19.73	19.90	21.00
	25	LOW	Q16	19.31	19.50	19.61	19.40	19.63	21.00
		MID	Q16	19.65	19.59	19.69	19.63	19.56	21.00
		HIGH	Q16	19.39	19.54	19.41	19.56	19.50	21.00
	50	LOW	Q16	19.51	19.57	19.51	19.45	19.64	21.00
10	1	LOW	64QAM	19.69	19.47	19.78	20.03	19.70	21.00
		MID	64QAM	19.48	19.42	19.56	19.75	19.81	21.00
		HIGH	64QAM	19.83	19.50	19.54	19.81	20.00	21.00
	25	LOW	64QAM	19.36	19.42	19.49	19.54	19.41	21.00
		MID	64QAM	19.73	19.73	19.61	19.35	19.21	21.00
		HIGH	64QAM	19.30	19.32	19.49	19.38	19.24	21.00
	50	LOW	64QAM	19.23	19.47	19.49	19.39	19.36	21.00

Bandwidth (	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.50	19.33	19.30	19.57	19.62	21.00
		MID	QPSK	19.47	19.62	19.55	**19.79**	19.75	21.00
		HIGH	QPSK	19.77	19.51	19.37	19.46	19.76	21.00
	36	LOW	QPSK	19.30	19.44	19.31	19.50	19.70	21.00
		MID	QPSK	19.50	19.79	19.62	19.35	19.59	21.00
		HIGH	QPSK	19.59	**19.80**	19.50	19.47	19.63	21.00
	75	LOW	QPSK	19.60	**19.72**	19.52	19.58	19.57	21.00
15	1	LOW	Q16	19.67	19.81	19.72	19.89	20.02	21.00
		MID	Q16	19.68	19.56	19.70	19.71	19.89	21.00
		HIGH	Q16	19.77	19.56	19.50	19.75	19.90	21.00
	36	LOW	Q16	19.53	19.54	19.65	19.42	19.59	21.00
		MID	Q16	19.57	19.85	19.67	19.57	19.46	21.00
		HIGH	Q16	19.59	19.72	19.65	19.58	19.66	21.00
	75	LOW	Q16	19.37	19.73	19.61	19.57	19.40	21.00
15	1	LOW	64QAM	19.71	19.39	19.52	20.05	19.58	21.00
		MID	64QAM	19.40	19.64	19.40	19.65	19.73	21.00
		HIGH	64QAM	19.71	19.58	19.42	19.79	19.90	21.00
	36	LOW	64QAM	19.22	19.50	19.22	19.44	19.53	21.00
		MID	64QAM	19.57	19.71	19.71	19.47	19.38	21.00
		HIGH	64QAM	19.35	19.31	19.47	19.70	19.22	21.00
	75	LOW	64QAM	19.43	19.47	19.29	19.27	19.40	21.00
Bandwidth (	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.52	19.51	19.51	19.53	19.52	21.00
		MID	QPSK	19.69	19.54	19.77	19.75	19.71	21.00
		HIGH	QPSK	19.67	19.55	19.53	19.54	**19.78**	21.00
	50	LOW	QPSK	19.51	19.64	19.52	19.56	**19.76**	21.00
		MID	QPSK	19.58	19.73	19.60	19.55	19.59	21.00
		HIGH	QPSK	19.55	19.72	19.56	19.59	19.57	21.00
	100	LOW	QPSK	19.58	19.66	19.60	19.52	**19.71**	21.00
20	1	LOW	Q16	19.77	19.73	19.80	19.87	19.92	21.00
		MID	Q16	19.70	19.74	19.60	19.77	19.83	21.00
		HIGH	Q16	19.73	19.76	19.68	19.91	19.98	21.00
	50	LOW	Q16	19.51	19.64	19.55	19.56	19.79	21.00
		MID	Q16	19.61	19.77	19.63	19.53	19.60	21.00
		HIGH	Q16	19.55	19.70	19.59	19.62	19.58	21.00
	100	LOW	Q16	19.57	19.73	19.61	19.53	19.56	21.00
20	1	LOW	64QAM	19.73	19.57	19.74	19.97	19.72	21.00
		MID	64QAM	19.60	19.58	19.54	19.67	19.79	21.00
		HIGH	64QAM	19.77	19.58	19.62	19.87	20.00	21.00
	50	LOW	64QAM	19.30	19.62	19.43	19.60	19.57	21.00
		MID	64QAM	19.67	19.67	19.65	19.41	19.42	21.00
		HIGH	64QAM	19.51	19.50	19.69	19.60	19.38	21.00
	100	LOW	64QAM	19.35	19.51	19.45	19.45	19.34	21.00

8.4 Intra-Band Uplink CA Power

8.4.1 LTE Band7 Uplink CA Output Power

LTE Uplink 2CA_ Band 7-State12-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	15.54	17.00
21100	21298	20	QPSK	1	Low	0	Low	1	15.56	17.00
21350	21152	20	QPSK	1	Low	0	Low	1	15.43	17.00

LTE Uplink 2CA_ Band 7-State16-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	14.54	16.50
21100	21298	20	QPSK	1	Low	0	Low	1	14.62	16.50
21350	21152	20	QPSK	1	Low	0	Low	1	14.56	16.50

LTE Uplink 2CA_ Band 7-State18-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	11.79	13.50
21100	21298	20	QPSK	1	Low	0	Low	1	11.74	13.50
21350	21152	20	QPSK	1	Low	0	Low	1	11.83	13.50

LTE Uplink 2CA_ Band 7-State20-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	12.32	14.00
21100	21298	20	QPSK	1	Low	0	Low	1	12.28	14.00
21350	21152	20	QPSK	1	Low	0	Low	1	12.29	14.00

LTE Uplink 2CA_ Band 7-State11-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	18.34	20.00
21100	21298	20	QPSK	1	Low	0	Low	1	18.43	20.00
21350	21152	20	QPSK	1	Low	0	Low	1	18.28	20.00

LTE Uplink 2CA_ Band 7-State15-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	18.34	20.00
21100	21298	20	QPSK	1	Low	0	Low	1	18.43	20.00
21350	21152	20	QPSK	1	Low	0	Low	1	18.28	20.00

LTE Uplink 2CA_ Band 7-State17-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	16.62	18.50
21100	21298	20	QPSK	1	Low	0	Low	1	16.68	18.50
21350	21152	20	QPSK	1	Low	0	Low	1	16.55	18.50

LTE Uplink 2CA_ Band 7-State19-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	16.29	18.00
21100	21298	20	QPSK	1	Low	0	Low	1	16.31	18.00
21350	21152	20	QPSK	1	Low	0	Low	1	16.22	18.00

LTE Uplink 2CA_ Band 7-State12-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	22.34	24.00
21100	21298	20	QPSK	1	Low	0	Low	1	22.40	24.00
21350	21152	20	QPSK	1	Low	0	Low	1	22.46	24.00

LTE Uplink 2CA_ Band 7-State16-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	22.34	24.00
21100	21298	20	QPSK	1	Low	0	Low	1	22.40	24.00
21350	21152	20	QPSK	1	Low	0	Low	1	22.46	24.00

LTE Uplink 2CA_ Band 7-State18-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	22.34	24.00
21100	21298	20	QPSK	1	Low	0	Low	1	22.40	24.00
21350	21152	20	QPSK	1	Low	0	Low	1	22.46	24.00

LTE Uplink 2CA_ Band 7-State20-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	22.34	24.00
21100	21298	20	QPSK	1	Low	0	Low	1	22.40	24.00
21350	21152	20	QPSK	1	Low	0	Low	1	22.46	24.00

LTE Uplink 2CA_ Band 7-State11-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	20.19	22.00
21100	21298	20	QPSK	1	Low	0	Low	1	20.14	22.00
21350	21152	20	QPSK	1	Low	0	Low	1	20.16	22.00

LTE Uplink 2CA_ Band 7-State15-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	20.19	22.00
21100	21298	20	QPSK	1	Low	0	Low	1	20.14	22.00
21350	21152	20	QPSK	1	Low	0	Low	1	20.16	22.00

LTE Uplink 2CA_ Band 7-State17-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	19.28	21.00
21100	21298	20	QPSK	1	Low	0	Low	1	19.26	21.00
21350	21152	20	QPSK	1	Low	0	Low	1	19.23	21.00

LTE Uplink 2CA_ Band 7-State19-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	Low	0	Low	1	19.28	21.00
21100	21298	20	QPSK	1	Low	0	Low	1	19.26	21.00
21350	21152	20	QPSK	1	Low	0	Low	1	19.23	21.00

8.4.2 LTE Band38 Uplink CA Output Power

LTE Uplink 2CA_ Band 38-State12-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	18.84	20.00
38099	37901	20	QPSK	1	Low	0	Low	1	18.76	20.00
38150	37952	20	QPSK	1	Low	0	Low	1	18.78	20.00

LTE Uplink 2CA_ Band 38-State16-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	16.45	17.50
38099	37901	20	QPSK	1	Low	0	Low	1	16.42	17.50
38150	37952	20	QPSK	1	Low	0	Low	1	16.56	17.50

LTE Uplink 2CA_ Band 38-State18-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	16.04	17.00
38099	37901	20	QPSK	1	Low	0	Low	1	16.02	17.00
38150	37952	20	QPSK	1	Low	0	Low	1	16.11	17.00

LTE Uplink 2CA_ Band 38-State20-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	16.04	17.00
38099	37901	20	QPSK	1	Low	0	Low	1	16.02	17.00
38150	37952	20	QPSK	1	Low	0	Low	1	16.11	17.00

LTE Uplink 2CA_ Band 38-State11-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	20.74	22.00
38099	37901	20	QPSK	1	Low	0	Low	1	20.78	22.00
38150	37952	20	QPSK	1	Low	0	Low	1	20.85	22.00

LTE Uplink 2CA_ Band 38-State15-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	19.54	20.50
38099	37901	20	QPSK	1	Low	0	Low	1	19.69	20.50
38150	37952	20	QPSK	1	Low	0	Low	1	19.75	20.50

LTE Uplink 2CA_ Band 38-State17-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1		
38099	37901	20	QPSK	1	Low	0	Low	1		
38150	37952	20	QPSK	1	Low	0	Low	1		

LTE Uplink 2CA_ Band 38-State19-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1		
38099	37901	20	QPSK	1	Low	0	Low	1		
38150	37952	20	QPSK	1	Low	0	Low	1		

LTE Uplink 2CA_ Band 38-State12-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1		
38099	37901	20	QPSK	1	Low	0	Low	1		
38150	37952	20	QPSK	1	Low	0	Low	1		

LTE Uplink 2CA_ Band 38-State16-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1		
38099	37901	20	QPSK	1	Low	0	Low	1		
38150	37952	20	QPSK	1	Low	0	Low	1		

LTE Uplink 2CA_ Band 38-State18-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	22.79	24.00
38099	37901	20	QPSK	1	Low	0	Low	1	22.82	24.00
38150	37952	20	QPSK	1	Low	0	Low	1	22.86	24.00

LTE Uplink 2CA_ Band 38-State20-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	22.79	24.00
38099	37901	20	QPSK	1	Low	0	Low	1	22.82	24.00
38150	37952	20	QPSK	1	Low	0	Low	1	22.86	24.00

LTE Uplink 2CA_ Band 38-State11-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	21.23	22.00
38099	37901	20	QPSK	1	Low	0	Low	1	21.20	22.00
38150	37952	20	QPSK	1	Low	0	Low	1	21.35	22.00

LTE Uplink 2CA_ Band 38-State15-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	19.78	21.00
38099	37901	20	QPSK	1	Low	0	Low	1	19.82	21.00
38150	37952	20	QPSK	1	Low	0	Low	1	19.90	21.00

LTE Uplink 2CA_ Band 38-State17-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	19.28	20.50
38099	37901	20	QPSK	1	Low	0	Low	1	19.31	20.50
38150	37952	20	QPSK	1	Low	0	Low	1	19.30	20.50

LTE Uplink 2CA_ Band 38-State19-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	Low	0	Low	1	19.28	20.50
38099	37901	20	QPSK	1	Low	0	Low	1	19.31	20.50
38150	37952	20	QPSK	1	Low	0	Low	1	19.30	20.50

8.4.3 LTE Band41 Uplink CA Output Power

LTE Uplink 2CA_ Band 41-State12-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	19.32	20.50
40185	40383	20	QPSK	1	Low	0	Low	1	19.36	20.50
40620	40818	20	QPSK	1	Low	0	Low	1	19.42	20.50
41055	40857	20	QPSK	1	Low	0	Low	1	19.34	20.50
41490	41292	20	QPSK	1	Low	0	Low	1	19.53	20.50

LTE Uplink 2CA_ Band 41-State16-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	15.94	18.00
40185	40383	20	QPSK	1	Low	0	Low	1	16.03	18.00
40620	40818	20	QPSK	1	Low	0	Low	1	16.09	18.00
41055	40857	20	QPSK	1	Low	0	Low	1	16.08	18.00
41490	41292	20	QPSK	1	Low	0	Low	1	16.15	18.00

LTE Uplink 2CA_ Band 41-State18-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	15.42	17.50
40185	40383	20	QPSK	1	Low	0	Low	1	15.45	17.50
40620	40818	20	QPSK	1	Low	0	Low	1	15.53	17.50
41055	40857	20	QPSK	1	Low	0	Low	1	15.53	17.50
41490	41292	20	QPSK	1	Low	0	Low	1	18.60	17.50

LTE Uplink 2CA_ Band 41-State20-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	15.42	17.50
40185	40383	20	QPSK	1	Low	0	Low	1	15.45	17.50
40620	40818	20	QPSK	1	Low	0	Low	1	15.53	17.50
41055	40857	20	QPSK	1	Low	0	Low	1	15.53	17.50
41490	41292	20	QPSK	1	Low	0	Low	1	18.60	17.50

LTE Uplink 2CA_ Band 41-State11-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.47	22.50
40185	40383	20	QPSK	1	Low	0	Low	1	20.46	22.50
40620	40818	20	QPSK	1	Low	0	Low	1	20.52	22.50
41055	40857	20	QPSK	1	Low	0	Low	1	20.43	22.50
41490	41292	20	QPSK	1	Low	0	Low	1	20.65	22.50

LTE Uplink 2CA_ Band 41-State15-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.32	21.00
40185	40383	20	QPSK	1	Low	0	Low	1	20.36	21.00
40620	40818	20	QPSK	1	Low	0	Low	1	20.45	21.00
41055	40857	20	QPSK	1	Low	0	Low	1	20.43	21.00
41490	41292	20	QPSK	1	Low	0	Low	1	20.59	21.00

LTE Uplink 2CA_ Band 41-State17-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.32	21.00
40185	40383	20	QPSK	1	Low	0	Low	1	20.36	21.00
40620	40818	20	QPSK	1	Low	0	Low	1	20.45	21.00
41055	40857	20	QPSK	1	Low	0	Low	1	20.43	21.00
41490	41292	20	QPSK	1	Low	0	Low	1	20.59	21.00

LTE Uplink 2CA_ Band 41-State19-Ant.1										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.32	21.00
40185	40383	20	QPSK	1	Low	0	Low	1	20.36	21.00
40620	40818	20	QPSK	1	Low	0	Low	1	20.45	21.00
41055	40857	20	QPSK	1	Low	0	Low	1	20.43	21.00
41490	41292	20	QPSK	1	Low	0	Low	1	20.59	21.00

LTE Uplink 2CA_ Band 41-State12-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	22.74	24.50
40185	40383	20	QPSK	1	Low	0	Low	1	22.82	24.50
40620	40818	20	QPSK	1	Low	0	Low	1	22.89	24.50
41055	40857	20	QPSK	1	Low	0	Low	1	22.92	24.50
41490	41292	20	QPSK	1	Low	0	Low	1	22.95	24.50

LTE Uplink 2CA_ Band 41-State16-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	22.74	24.50
40185	40383	20	QPSK	1	Low	0	Low	1	22.82	24.50
40620	40818	20	QPSK	1	Low	0	Low	1	22.89	24.50
41055	40857	20	QPSK	1	Low	0	Low	1	22.92	24.50
41490	41292	20	QPSK	1	Low	0	Low	1	22.95	24.50

LTE Uplink 2CA_ Band 41-State118-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	22.74	24.50
40185	40383	20	QPSK	1	Low	0	Low	1	22.82	24.50
40620	40818	20	QPSK	1	Low	0	Low	1	22.89	24.50
41055	40857	20	QPSK	1	Low	0	Low	1	22.92	24.50
41490	41292	20	QPSK	1	Low	0	Low	1	22.95	24.50

LTE Uplink 2CA_ Band 41-State20-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	22.74	24.50
40185	40383	20	QPSK	1	Low	0	Low	1	22.82	24.50
40620	40818	20	QPSK	1	Low	0	Low	1	22.89	24.50
41055	40857	20	QPSK	1	Low	0	Low	1	22.92	24.50
41490	41292	20	QPSK	1	Low	0	Low	1	22.95	24.50

LTE Uplink 2CA_ Band 41-State11-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.42	22.50
40185	40383	20	QPSK	1	Low	0	Low	1	20.49	22.50
40620	40818	20	QPSK	1	Low	0	Low	1	20.56	22.50
41055	40857	20	QPSK	1	Low	0	Low	1	20.56	22.50
41490	41292	20	QPSK	1	Low	0	Low	1	20.62	22.50

LTE Uplink 2CA_ Band 41-State15-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	20.04	21.50
40185	40383	20	QPSK	1	Low	0	Low	1	20.09	21.50
40620	40818	20	QPSK	1	Low	0	Low	1	20.11	21.50
41055	40857	20	QPSK	1	Low	0	Low	1	20.07	21.50
41490	41292	20	QPSK	1	Low	0	Low	1	20.16	21.50

LTE Uplink 2CA_ Band 41-State17-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	19.45	21.00
40185	40383	20	QPSK	1	Low	0	Low	1	19.42	21.00
40620	40818	20	QPSK	1	Low	0	Low	1	19.58	21.00
41055	40857	20	QPSK	1	Low	0	Low	1	19.54	21.00
41490	41292	20	QPSK	1	Low	0	Low	1	19.63	21.00

LTE Uplink 2CA_ Band 41-State19-Ant.0										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	Low	0	Low	1	19.45	21.00
40185	40383	20	QPSK	1	Low	0	Low	1	19.42	21.00
40620	40818	20	QPSK	1	Low	0	Low	1	19.58	21.00
41055	40857	20	QPSK	1	Low	0	Low	1	19.54	21.00
41490	41292	20	QPSK	1	Low	0	Low	1	19.63	21.00

8.5 Intra-Band Uplink CA Power

8.5.1 NR Band5 Output Power

5G N5-State 12 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 16 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 18 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1				22.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1				22.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1				22.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.99	**22.14**	22.02	22.70
		1	53	21.96	22.10	21.98	22.70
		1	104	21.87	22.10	21.91	22.70
	DFT-s-OFDM BPSK	50	0	21.83	21.98	21.93	22.70
		50	28	22.07	**22.10**	21.80	22.70
		50	56	21.62	22.01	21.68	22.70
	DFT-s-OFDM BPSK	100	0	21.96	**22.08**	21.87	22.70
	DFT-s-OFDM QPSK	1	1	21.64	21.82	21.65	22.70
	DFT-s-OFDM 16QAM	1	1	21.41	21.41	21.23	22.70
	DFT-s-OFDM 64QAM	1	1	20.69	20.79	20.92	22.20
	DFT-s-OFDM	1	1	18.94	19.05	18.96	20.20
	CP-OFDM QPSK	1	1	22.02	21.98	21.86	22.70
	CP-OFDM 16QAM	1	1	21.82	21.78	21.74	22.70
	CP-OFDM 64QAM	1	1	19.76	19.78	19.86	21.20
	CP-OFDM 256QAM	1	1	16.84	16.91	17.01	17.70

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5G N5-State 20 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

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5G N5-State 11 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 15 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 17 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 19 -Ant.1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 12 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.68	22.89	22.54	23.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.73	22.62	22.81	23.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.86	22.92	22.58	23.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.91	22.87	22.74	23.20
		1	53	**22.92**	22.79	22.69	23.20
		1	104	22.90	22.78	22.66	23.20
	DFT-s-OFDM BPSK	50	0	**23.03**	22.99	22.81	23.20
		50	28	22.78	22.93	22.58	23.20
		50	56	22.76	22.99	22.56	23.20
	DFT-s-OFDM BPSK	100	0	**22.92**	22.81	22.51	23.20
	DFT-s-OFDM QPSK	1	1	23.00	22.66	22.66	23.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.41	22.43	23.20
	DFT-s-OFDM 64QAM	1	1	20.69	20.88	20.94	22.20
	DFT-s-OFDM	1	1	19.11	18.98	18.99	20.20
	CP-OFDM QPSK	1	1	21.83	22.20	22.44	23.20
	CP-OFDM 16QAM	1	1	21.98	21.73	21.67	22.70
	CP-OFDM 64QAM	1	1	19.82	19.76	19.64	21.20
	CP-OFDM 256QAM	1	1	16.88	16.81	17.12	17.70

5G N5-State 16 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	21.97	22.14	22.06	22.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.10	22.12	22.11	22.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	21.97	22.05	22.04	22.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.99	**22.14**	22.02	22.70
		1	53	21.96	22.10	21.98	22.70
		1	104	21.87	22.10	21.91	22.70
	DFT-s-OFDM BPSK	50	0	21.83	21.98	21.93	22.70
		50	28	22.07	**22.10**	21.80	22.70
		50	56	21.62	22.01	21.68	22.70
	DFT-s-OFDM BPSK	100	0	21.96	**22.08**	21.87	22.70
	DFT-s-OFDM QPSK	1	1	21.64	21.82	21.65	22.70
	DFT-s-OFDM 16QAM	1	1	21.41	21.41	21.23	22.70
	DFT-s-OFDM 64QAM	1	1	20.69	20.79	20.92	22.20
	DFT-s-OFDM	1	1	18.94	19.05	18.96	20.20
	CP-OFDM QPSK	1	1	22.02	21.98	21.86	22.70
	CP-OFDM 16QAM	1	1	21.82	21.78	21.74	22.70
	CP-OFDM 64QAM	1	1	19.76	19.78	19.86	21.20
	CP-OFDM 256QAM	1	1	16.84	16.91	17.01	17.70

5G N5-State 18 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	18.74	18.89	18.73	19.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	18.81	18.82	18.92	19.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	18.57	18.91	19.02	19.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	18.72	**18.97**	18.94	19.20
		1	53	18.71	18.81	18.53	19.20
		1	104	18.68	18.83	18.79	19.20
	DFT-s-OFDM BPSK	50	0	18.83	**18.97**	18.94	19.20
		50	28	18.87	18.79	18.79	19.20
		50	56	18.90	18.74	18.58	19.20
	DFT-s-OFDM BPSK	100	0	18.76	**18.79**	18.56	19.20
	DFT-s-OFDM QPSK	1	1	18.92	18.54	18.75	19.20
	DFT-s-OFDM 16QAM	1	1	19.01	18.94	18.84	19.20
	DFT-s-OFDM 64QAM	1	1	18.69	19.00	18.85	19.20
	DFT-s-OFDM	1	1	18.99	18.97	18.66	19.20
	CP-OFDM QPSK	1	1	19.00	18.90	18.86	19.20
	CP-OFDM 16QAM	1	1	18.74	18.84	18.83	19.20
	CP-OFDM 64QAM	1	1	18.69	18.88	18.84	19.20
	CP-OFDM 256QAM	1	1	16.89	16.82	16.87	17.70

5G N5-State 20 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	21.97	22.14	22.06	22.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.10	22.12	22.11	22.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	21.97	22.05	22.04	22.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.99	**22.14**	22.02	22.70
		1	53	21.96	22.10	21.98	22.70
		1	104	21.87	22.10	21.91	22.70
	DFT-s-OFDM BPSK	50	0	21.83	21.98	21.93	22.70
		50	28	22.07	**22.10**	21.80	22.70
		50	56	21.62	22.01	21.68	22.70
	DFT-s-OFDM BPSK	100	0	21.96	**22.08**	21.87	22.70
	DFT-s-OFDM QPSK	1	1	21.64	21.82	21.65	22.70
	DFT-s-OFDM 16QAM	1	1	21.41	21.41	21.23	22.70
	DFT-s-OFDM 64QAM	1	1	20.69	20.79	20.92	22.20
	DFT-s-OFDM	1	1	18.94	19.05	18.96	20.20
	CP-OFDM QPSK	1	1	22.02	21.98	21.86	22.70
	CP-OFDM 16QAM	1	1	21.82	21.78	21.74	22.70
	CP-OFDM 64QAM	1	1	19.76	19.78	19.86	21.20
	CP-OFDM 256QAM	1	1	16.84	16.91	17.01	17.70

5G N5-State 11 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 15 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 17 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.68	22.89	22.54	23.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.73	22.62	22.81	23.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.86	22.92	22.58	23.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.91	22.87	22.74	23.20
		1	53	**22.92**	22.79	22.69	23.20
		1	104	22.90	22.78	22.66	23.20
	DFT-s-OFDM BPSK	50	0	**23.03**	22.99	22.81	23.20
		50	28	22.78	22.93	22.58	23.20
		50	56	22.76	22.99	22.56	23.20
	DFT-s-OFDM BPSK	100	0	**22.92**	22.81	22.51	23.20
	DFT-s-OFDM QPSK	1	1	23.00	22.66	22.66	23.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.41	22.43	23.20
	DFT-s-OFDM 64QAM	1	1	20.69	20.88	20.94	22.20
	DFT-s-OFDM	1	1	19.11	18.98	18.99	20.20
	CP-OFDM QPSK	1	1	21.83	22.20	22.44	23.20
	CP-OFDM 16QAM	1	1	21.98	21.73	21.67	22.70
	CP-OFDM 64QAM	1	1	19.82	19.76	19.64	21.20
	CP-OFDM 256QAM	1	1	16.88	16.81	17.12	17.70

5G N5-State 19 -Ant.1 (NSA)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.84	23.61	23.66	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.93	23.99	23.97	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.72	23.70	24.02	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	**23.98**	23.87	23.90	24.20
		1	53	23.92	23.79	23.74	24.20
		1	104	23.88	23.85	23.84	24.20
	DFT-s-OFDM BPSK	50	0	**24.10**	23.94	24.02	24.20
		50	28	23.85	23.91	23.83	24.20
		50	56	23.76	23.92	23.79	24.20
	DFT-s-OFDM BPSK	100	0	**23.87**	23.79	23.71	24.20
	DFT-s-OFDM QPSK	1	1	23.98	23.75	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.52	22.45	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.92	21.00	22.20
	DFT-s-OFDM	1	1	19.13	19.13	19.07	20.20
	CP-OFDM QPSK	1	1	21.98	22.22	22.33	23.20
	CP-OFDM 16QAM	1	1	21.91	21.93	21.89	22.70
	CP-OFDM 64QAM	1	1	19.90	19.82	19.76	21.20
	CP-OFDM 256QAM	1	1	16.86	16.98	17.03	17.70

5G N5-State 1 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	53	23.29	23.42	23.10	24.20
		1	104	23.38	23.33	23.12	24.20
	DFT-s-OFDM BPSK	50	0	23.39	23.32	23.32	24.20
		50	28	23.36	23.35	**23.41**	24.20
		50	56	23.36	23.22	22.98	24.20
	DFT-s-OFDM BPSK	100	0	23.32	23.37	**23.44**	24.20
	DFT-s-OFDM QPSK	1	1	23.53	23.53	23.53	24.20
	DFT-s-OFDM 16QAM	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM QPSK	1	1	21.82	21.82	21.60	23.20
	CP-OFDM 16QAM	1	1	21.91	21.84	21.77	22.70
	CP-OFDM 64QAM	1	1	20.07	19.97	19.77	21.20
	CP-OFDM 256QAM	1	1	16.58	16.53	16.56	17.70

5G N5-State 2 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 3 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 4 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 5 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 6 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 7 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

5G N5-State 8 -Ant.0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dB
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.25	23.40	23.65	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dB
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.39	23.56	23.32	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dB
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	23.23	23.42	23.58	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dB
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.37	23.56	**23.58**	24.20
		1	104	23.38	23.33	23.12	24.20
		50	25	23.55	23.43	23.50	24.20
	DFT-s-OFDM BPSK	1	1	23.53	23.53	23.53	24.20
		1	104	23.08	23.29	23.20	24.20
		50	25	23.25	23.39	23.27	24.20
	DFT-s-OFDM BPSK	1	1	22.33	22.44	22.19	23.20
	DFT-s-OFDM QPSK	1	104	22.00	22.18	22.29	23.20
	DFT-s-OFDM 16QAM	50	25	22.18	22.27	22.14	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.76	20.76	22.20
	DFT-s-OFDM	1	104	20.32	20.48	20.36	22.20
	CP-OFDM QPSK	50	25	20.61	20.73	20.69	22.20
	CP-OFDM 16QAM	1	1	19.09	19.19	19.13	20.20
	CP-OFDM 64QAM	1	104	18.74	18.89	18.87	20.20
	CP-OFDM 256QAM	50	25	18.81	18.81	18.60	20.20

8.5.2 NR Band7 Output Power

5G N7-State 12 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.32	17.44	17.63	17.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.56	17.62	17.51	17.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.54	17.62	17.61	17.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**17.45**	17.39	17.41	17.70
		1	53	17.33	17.33	17.36	17.70
		1	104	17.15	17.09	17.37	17.70
	DFT-s-OFDM BPSK	50	0	**17.39**	17.25	17.37	17.70
		50	28	17.14	17.13	17.08	17.70
		50	56	17.19	16.88	17.17	17.70
	DFT-s-OFDM BPSK	100	0	17.29	**17.43**	17.25	17.70
	DFT-s-OFDM QPSK	1	1	16.99	17.36	17.26	17.70
	DFT-s-OFDM 16QAM	1	1	17.20	17.04	17.45	17.70
	DFT-s-OFDM 64QAM	1	1	17.31	17.10	17.24	17.70
	DFT-s-OFDM	1	1	17.18	17.08	16.99	17.70
	CP-OFDM QPSK	1	1	17.11	17.31	17.29	17.70
	CP-OFDM 16QAM	1	1	17.64	17.21	17.51	17.70
	CP-OFDM 64QAM	1	1	17.29	17.46	17.13	17.70
	CP-OFDM 256QAM	1	1	15.80	15.73	15.59	17.20

5G N7-State 16 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.32	17.44	17.63	17.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.56	17.62	17.51	17.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.54	17.62	17.61	17.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**17.45**	17.39	17.41	17.70
		1	53	17.33	17.33	17.36	17.70
		1	104	17.15	17.09	17.37	17.70
	DFT-s-OFDM BPSK	50	0	**17.39**	17.25	17.37	17.70
		50	28	17.14	17.13	17.08	17.70
		50	56	17.19	16.88	17.17	17.70
	DFT-s-OFDM BPSK	100	0	17.29	**17.43**	17.25	17.70
	DFT-s-OFDM QPSK	1	1	16.99	17.36	17.26	17.70
	DFT-s-OFDM 16QAM	1	1	17.20	17.04	17.45	17.70
	DFT-s-OFDM 64QAM	1	1	17.31	17.10	17.24	17.70
	DFT-s-OFDM	1	1	17.18	17.08	16.99	17.70
	CP-OFDM QPSK	1	1	17.11	17.31	17.29	17.70
	CP-OFDM 16QAM	1	1	17.64	17.21	17.51	17.70
	CP-OFDM 64QAM	1	1	17.29	17.46	17.13	17.70
	CP-OFDM 256QAM	1	1	15.80	15.73	15.59	17.20

5G N7-State 18 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.04	15.94	15.87	16.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.01	15.73	15.86	16.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.91	15.89	15.82	16.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**16.04**	15.86	16.00	16.20
		1	53	15.75	15.64	15.88	16.20
		1	104	15.60	15.81	15.95	16.20
	DFT-s-OFDM BPSK	50	0	**15.88**	15.72	15.78	16.20
		50	28	15.76	15.84	15.63	16.20
		50	56	15.87	15.63	15.86	16.20
	DFT-s-OFDM BPSK	100	0	**15.99**	15.72	15.82	16.20
	DFT-s-OFDM QPSK	1	1	15.40	16.01	15.68	16.20
	DFT-s-OFDM 16QAM	1	1	15.82	15.47	15.75	16.20
	DFT-s-OFDM 64QAM	1	1	15.64	15.70	15.96	16.20
	DFT-s-OFDM	1	1	15.76	15.56	15.61	16.20
	CP-OFDM QPSK	1	1	15.61	15.90	15.78	16.20
	CP-OFDM 16QAM	1	1	16.08	15.88	16.04	16.20
	CP-OFDM 64QAM	1	1	15.97	15.96	15.65	16.20
	CP-OFDM 256QAM	1	1	15.88	15.75	15.69	16.20

5G N7-State 20 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.32	17.44	17.63	17.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.56	17.62	17.51	17.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.54	17.62	17.61	17.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**17.45**	17.39	17.41	17.70
		1	53	17.33	17.33	17.36	17.70
		1	104	17.15	17.09	17.37	17.70
	DFT-s-OFDM BPSK	50	0	**17.39**	17.25	17.37	17.70
		50	28	17.14	17.13	17.08	17.70
		50	56	17.19	16.88	17.17	17.70
	DFT-s-OFDM BPSK	100	0	17.29	**17.43**	17.25	17.70
	DFT-s-OFDM QPSK	1	1	16.99	17.36	17.26	17.70
	DFT-s-OFDM 16QAM	1	1	17.20	17.04	17.45	17.70
	DFT-s-OFDM 64QAM	1	1	17.31	17.10	17.24	17.70
	DFT-s-OFDM	1	1	17.18	17.08	16.99	17.70
	CP-OFDM QPSK	1	1	17.11	17.31	17.29	17.70
	CP-OFDM 16QAM	1	1	17.64	17.21	17.51	17.70
	CP-OFDM 64QAM	1	1	17.29	17.46	17.13	17.70
	CP-OFDM 256QAM	1	1	15.80	15.73	15.59	17.20

5G N7-State 11 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.32	17.44	17.63	17.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.56	17.62	17.51	17.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.54	17.62	17.61	17.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**17.45**	17.39	17.41	17.70
		1	53	17.33	17.33	17.36	17.70
		1	104	17.15	17.09	17.37	17.70
	DFT-s-OFDM BPSK	50	0	**17.39**	17.25	17.37	17.70
		50	28	17.14	17.13	17.08	17.70
		50	56	17.19	16.88	17.17	17.70
	DFT-s-OFDM BPSK	100	0	17.29	**17.43**	17.25	17.70
	DFT-s-OFDM QPSK	1	1	16.99	17.36	17.26	17.70
	DFT-s-OFDM 16QAM	1	1	17.20	17.04	17.45	17.70
	DFT-s-OFDM 64QAM	1	1	17.31	17.10	17.24	17.70
	DFT-s-OFDM	1	1	17.18	17.08	16.99	17.70
	CP-OFDM QPSK	1	1	17.11	17.31	17.29	17.70
	CP-OFDM 16QAM	1	1	17.64	17.21	17.51	17.70
	CP-OFDM 64QAM	1	1	17.29	17.46	17.13	17.70
	CP-OFDM 256QAM	1	1	15.80	15.73	15.59	17.20

5G N7-State 15 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.04	15.94	15.87	16.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.01	15.73	15.86	16.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.91	15.89	15.82	16.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**16.04**	15.86	16.00	16.20
		1	53	15.75	15.64	15.88	16.20
		1	104	15.60	15.81	15.95	16.20
	DFT-s-OFDM BPSK	50	0	**15.88**	15.72	15.78	16.20
		50	28	15.76	15.84	15.63	16.20
		50	56	15.87	15.63	15.86	16.20
	DFT-s-OFDM BPSK	100	0	**15.99**	15.72	15.82	16.20
	DFT-s-OFDM QPSK	1	1	15.40	16.01	15.68	16.20
	DFT-s-OFDM 16QAM	1	1	15.82	15.47	15.75	16.20
	DFT-s-OFDM 64QAM	1	1	15.64	15.70	15.96	16.20
	DFT-s-OFDM	1	1	15.76	15.56	15.61	16.20
	CP-OFDM QPSK	1	1	15.61	15.90	15.78	16.20
	CP-OFDM 16QAM	1	1	16.08	15.88	16.04	16.20
	CP-OFDM 64QAM	1	1	15.97	15.96	15.65	16.20
	CP-OFDM 256QAM	1	1	15.88	15.75	15.69	16.20

5G N7-State 17 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	14.85	14.70	14.82	15.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	15.04	14.79	14.78	15.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.04	14.72	14.70	15.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**15.02**	14.76	14.85	15.20
		1	53	14.84	14.52	14.63	15.20
		1	104	14.97	14.71	14.44	15.20
	DFT-s-OFDM BPSK	50	0	**14.89**	14.76	14.85	15.20
		50	28	14.64	14.77	14.54	15.20
		50	56	14.83	14.59	14.77	15.20
	DFT-s-OFDM BPSK	100	0	**14.84**	14.69	14.78	15.20
	DFT-s-OFDM QPSK	1	1	14.43	15.04	14.69	15.20
	DFT-s-OFDM 16QAM	1	1	14.79	14.38	14.65	15.20
	DFT-s-OFDM 64QAM	1	1	14.60	14.63	14.93	15.20
	DFT-s-OFDM	1	1	14.75	14.50	14.61	15.20
	CP-OFDM QPSK	1	1	14.61	14.75	14.71	15.20
	CP-OFDM 16QAM	1	1	15.08	14.89	15.01	15.20
	CP-OFDM 64QAM	1	1	14.88	15.03	14.55	15.20
	CP-OFDM 256QAM	1	1	14.95	14.75	14.70	15.20

5G N7-State 19 -Ant.1							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.04	15.94	15.87	16.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.01	15.73	15.86	16.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	15.91	15.89	15.82	16.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**16.04**	15.86	16.00	16.20
		1	53	15.75	15.64	15.88	16.20
		1	104	15.60	15.81	15.95	16.20
	DFT-s-OFDM BPSK	50	0	**15.88**	15.72	15.78	16.20
		50	28	15.76	15.84	15.63	16.20
		50	56	15.87	15.63	15.86	16.20
	DFT-s-OFDM BPSK	100	0	**15.99**	15.72	15.82	16.20
	DFT-s-OFDM QPSK	1	1	15.40	16.01	15.68	16.20
	DFT-s-OFDM 16QAM	1	1	15.82	15.47	15.75	16.20
	DFT-s-OFDM 64QAM	1	1	15.64	15.70	15.96	16.20
	DFT-s-OFDM	1	1	15.76	15.56	15.61	16.20
	CP-OFDM QPSK	1	1	15.61	15.90	15.78	16.20
	CP-OFDM 16QAM	1	1	16.08	15.88	16.04	16.20
	CP-OFDM 64QAM	1	1	15.97	15.96	15.65	16.20
	CP-OFDM 256QAM	1	1	15.88	15.75	15.69	16.20

5G N7-State 12 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 16 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 18 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 20 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 11 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 15 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	20.70	20.72	20.84	22.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	20.99	20.49	20.86	22.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	20.83	20.72	20.80	22.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**20.91**	20.66	20.78	22.20
		1	53	20.87	20.77	20.78	22.20
		1	104	20.76	20.69	20.55	22.20
	DFT-s-OFDM BPSK	50	0	**20.93**	20.91	20.45	22.20
		50	28	20.80	20.88	20.60	22.20
		50	56	20.83	20.60	20.36	22.20
	DFT-s-OFDM BPSK	100	0	**20.88**	20.57	20.76	22.20
	DFT-s-OFDM QPSK	1	1	20.64	20.70	20.63	22.20
	DFT-s-OFDM 16QAM	1	1	20.62	20.54	20.76	22.20
	DFT-s-OFDM 64QAM	1	1	19.76	19.84	19.90	21.70
	DFT-s-OFDM	1	1	17.92	17.92	18.10	19.70
	CP-OFDM QPSK	1	1	20.44	20.22	20.24	22.20
	CP-OFDM 16QAM	1	1	20.32	20.66	20.66	22.20
	CP-OFDM 64QAM	1	1	18.79	18.85	18.79	20.70
	CP-OFDM 256QAM	1	1	15.30	15.34	15.25	17.20

5G N7-State 17 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.52	19.77	19.66	21.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.56	19.81	19.56	21.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	19.62	19.79	19.80	21.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.54	**19.95**	19.74	21.20
		1	53	19.65	19.61	19.80	21.20
		1	104	19.70	19.69	19.47	21.20
	DFT-s-OFDM BPSK	50	0	19.77	19.77	19.78	21.20
		50	28	19.76	**19.92**	19.66	21.20
		50	56	19.83	19.60	19.36	21.20
	DFT-s-OFDM BPSK	100	0	**19.80**	19.71	19.72	21.20
	DFT-s-OFDM QPSK	1	1	19.38	19.75	19.65	21.20
	DFT-s-OFDM 16QAM	1	1	19.54	19.68	19.56	21.20
	DFT-s-OFDM 64QAM	1	1	19.90	19.70	19.68	21.20
	DFT-s-OFDM	1	1	17.95	18.01	17.93	19.70
	CP-OFDM QPSK	1	1	19.35	19.39	19.48	21.20
	CP-OFDM 16QAM	1	1	19.42	19.34	19.68	21.20
	CP-OFDM 64QAM	1	1	18.75	18.75	18.86	20.70
	CP-OFDM 256QAM	1	1	15.22	15.32	15.22	17.20

5G N7-State 19 -Ant.0							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	20.70	20.72	20.84	22.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	20.99	20.49	20.86	22.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	20.83	20.72	20.80	22.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**20.91**	20.66	20.78	22.20
		1	53	20.87	20.77	20.78	22.20
		1	104	20.76	20.69	20.55	22.20
	DFT-s-OFDM BPSK	50	0	**20.93**	20.91	20.45	22.20
		50	28	20.80	20.88	20.60	22.20
		50	56	20.83	20.60	20.36	22.20
	DFT-s-OFDM BPSK	100	0	**20.88**	20.57	20.76	22.20
	DFT-s-OFDM QPSK	1	1	20.64	20.70	20.63	22.20
	DFT-s-OFDM 16QAM	1	1	20.62	20.54	20.76	22.20
	DFT-s-OFDM 64QAM	1	1	19.76	19.84	19.90	21.70
	DFT-s-OFDM	1	1	17.92	17.92	18.10	19.70
	CP-OFDM QPSK	1	1	20.44	20.22	20.24	22.20
	CP-OFDM 16QAM	1	1	20.32	20.66	20.66	22.20
	CP-OFDM 64QAM	1	1	18.79	18.85	18.79	20.70
	CP-OFDM 256QAM	1	1	15.30	15.34	15.25	17.20

5G N7-State 12 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 16 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 18 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 20 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.15	22.35	22.07	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.19	22.42	22.20	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	22.37	22.42	22.25	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.26	**22.35**	22.18	23.70
		1	53	22.33	22.25	22.22	23.70
		1	104	22.24	22.21	22.13	23.70
	DFT-s-OFDM BPSK	50	0	22.35	22.31	22.18	23.70
		50	28	22.26	**22.36**	22.20	23.70
		50	56	22.35	22.10	22.00	23.70
	DFT-s-OFDM BPSK	100	0	**22.28**	22.21	22.24	23.70
	DFT-s-OFDM QPSK	1	1	22.10	22.37	22.25	23.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.24	22.70
	DFT-s-OFDM 64QAM	1	1	19.82	19.74	19.82	21.70
	DFT-s-OFDM	1	1	17.82	17.96	18.01	19.70
	CP-OFDM QPSK	1	1	20.71	20.90	20.92	22.70
	CP-OFDM 16QAM	1	1	20.48	20.56	20.58	22.20
	CP-OFDM 64QAM	1	1	18.77	18.83	18.75	20.70
	CP-OFDM 256QAM	1	1	15.24	15.29	15.37	17.20

5G N7-State 11 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	20.34	20.15	20.14	21.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	20.14	20.09	20.06	21.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	20.18	20.09	20.08	21.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**20.28**	20.23	20.12	21.70
		1	53	20.16	20.05	20.21	21.70
		1	104	20.01	20.03	20.26	21.70
	DFT-s-OFDM BPSK	50	0	20.29	20.21	20.00	21.70
		50	28	**20.30**	**20.30**	20.04	21.70
		50	56	20.21	20.14	20.10	21.70
	DFT-s-OFDM BPSK	100	0	**20.30**	20.11	20.26	21.70
	DFT-s-OFDM QPSK	1	1	19.92	20.19	20.29	21.70
	DFT-s-OFDM 16QAM	1	1	20.10	20.08	20.06	21.70
	DFT-s-OFDM 64QAM	1	1	19.88	19.82	19.84	21.70
	DFT-s-OFDM	1	1	17.78	17.89	17.97	19.70
	CP-OFDM QPSK	1	1	20.34	19.99	20.09	21.70
	CP-OFDM 16QAM	1	1	20.29	20.11	19.90	21.70
	CP-OFDM 64QAM	1	1	18.86	18.72	18.84	20.70
	CP-OFDM 256QAM	1	1	15.36	15.33	15.45	17.20

5G N7-State 15 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.18	18.24	17.85	19.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.04	18.11	18.07	19.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.18	18.06	18.12	19.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.11	18.22	18.03	19.70
		1	53	**18.31**	18.18	18.07	19.70
		1	104	18.15	18.16	17.98	19.70
	DFT-s-OFDM BPSK	50	0	**18.42**	18.40	18.18	19.70
		50	28	18.19	18.34	18.18	19.70
		50	56	18.26	18.05	18.05	19.70
	DFT-s-OFDM BPSK	100	0	**18.26**	18.17	18.15	19.70
	DFT-s-OFDM QPSK	1	1	17.99	18.31	18.30	19.70
	DFT-s-OFDM 16QAM	1	1	18.12	18.16	18.29	19.70
	DFT-s-OFDM 64QAM	1	1	17.90	17.80	17.91	19.70
	DFT-s-OFDM	1	1	17.89	17.94	18.03	19.70
	CP-OFDM QPSK	1	1	18.10	18.27	17.95	19.70
	CP-OFDM 16QAM	1	1	18.11	18.22	18.00	19.70
	CP-OFDM 64QAM	1	1	18.25	18.01	18.04	19.70
	CP-OFDM 256QAM	1	1	15.29	15.20	15.26	17.20

5G N7-State 17 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.72	16.65	16.40	18.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.71	16.60	16.58	18.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	16.87	16.58	16.58	18.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	**16.84**	16.75	16.55	18.20
		1	53	16.70	16.63	16.80	18.20
		1	104	16.59	16.54	16.70	18.20
	DFT-s-OFDM BPSK	50	0	16.75	16.76	16.65	18.20
		50	28	16.83	**16.86**	16.67	18.20
		50	56	16.75	16.48	16.58	18.20
	DFT-s-OFDM BPSK	100	0	**16.85**	16.79	16.56	18.20
	DFT-s-OFDM QPSK	1	1	16.58	16.82	16.58	18.20
	DFT-s-OFDM 16QAM	1	1	16.53	16.59	16.82	18.20
	DFT-s-OFDM 64QAM	1	1	16.48	16.56	16.44	18.20
	DFT-s-OFDM	1	1	16.84	16.82	17.01	18.20
	CP-OFDM QPSK	1	1	16.80	16.61	16.60	18.20
	CP-OFDM 16QAM	1	1	16.72	16.77	16.34	18.20
	CP-OFDM 64QAM	1	1	16.79	16.50	16.77	18.20
	CP-OFDM 256QAM	1	1	15.22	15.27	15.28	17.20

5G N7-State 19 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.18	18.24	17.85	19.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.04	18.11	18.07	19.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.18	18.06	18.12	19.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.11	18.22	18.03	19.70
		1	53	**18.31**	18.18	18.07	19.70
		1	104	18.15	18.16	17.98	19.70
	DFT-s-OFDM BPSK	50	0	**18.42**	18.40	18.18	19.70
		50	28	18.19	18.34	18.18	19.70
		50	56	18.26	18.05	18.05	19.70
	DFT-s-OFDM BPSK	100	0	**18.26**	18.17	18.15	19.70
	DFT-s-OFDM QPSK	1	1	17.99	18.31	18.30	19.70
	DFT-s-OFDM 16QAM	1	1	18.12	18.16	18.29	19.70
	DFT-s-OFDM 64QAM	1	1	17.90	17.80	17.91	19.70
	DFT-s-OFDM	1	1	17.89	17.94	18.03	19.70
	CP-OFDM QPSK	1	1	18.10	18.27	17.95	19.70
	CP-OFDM 16QAM	1	1	18.11	18.22	18.00	19.70
	CP-OFDM 64QAM	1	1	18.25	18.01	18.04	19.70
	CP-OFDM 256QAM	1	1	15.29	15.20	15.26	17.20

5G N7-State 12 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.76	19.83	19.83	21.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.92	19.87	19.91	21.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	19.86	19.79	19.75	21.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.82	19.79	**19.87**	21.70
		1	53	19.76	19.77	19.82	21.70
		1	104	19.78	19.74	19.73	21.70
	DFT-s-OFDM BPSK	50	0	19.83	19.79	**19.85**	21.70
		50	28	19.80	19.77	19.76	21.70
		50	56	19.81	19.80	19.77	21.70
	DFT-s-OFDM BPSK	100	0	19.74	19.71	**19.85**	21.70
	DFT-s-OFDM QPSK	1	1	19.90	19.83	19.85	21.70
	DFT-s-OFDM 16QAM	1	1	19.78	19.82	19.90	21.70
	DFT-s-OFDM 64QAM	1	1	19.74	19.82	19.86	21.70
	DFT-s-OFDM	1	1	17.73	17.82	17.86	19.70
	CP-OFDM QPSK	1	1	19.79	19.74	19.78	21.70
	CP-OFDM 16QAM	1	1	19.80	19.78	19.86	21.70
	CP-OFDM 64QAM	1	1	18.81	18.72	18.77	20.70
	CP-OFDM 256QAM	1	1	15.22	15.24	15.30	17.20

5G N7-State 16 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.74	18.83	18.87	20.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.78	18.82	18.79	20.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.86	18.80	18.88	20.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.84	18.88	18.81	20.70
		1	53	**18.89**	18.82	18.70	20.70
		1	104	18.85	18.84	18.77	20.70
	DFT-s-OFDM BPSK	50	0	18.90	18.71	18.84	20.70
		50	28	**18.91**	18.73	18.79	20.70
		50	56	18.90	18.85	18.73	20.70
	DFT-s-OFDM BPSK	100	0	**18.79**	**18.79**	18.76	20.70
	DFT-s-OFDM QPSK	1	1	18.77	18.87	18.79	20.70
	DFT-s-OFDM 16QAM	1	1	18.78	18.81	18.81	20.70
	DFT-s-OFDM 64QAM	1	1	18.90	18.89	18.95	20.70
	DFT-s-OFDM	1	1	17.82	17.84	17.75	19.70
	CP-OFDM QPSK	1	1	18.86	18.76	18.79	20.70
	CP-OFDM 16QAM	1	1	18.88	18.76	18.87	20.70
	CP-OFDM 64QAM	1	1	18.72	18.79	18.71	20.70
	CP-OFDM 256QAM	1	1	15.25	15.33	15.35	17.20

5G N7-State 18 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.73	17.77	17.71	19.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.86	17.83	17.73	19.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.71	17.85	17.94	19.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.86	17.81	17.74	19.70
		1	53	**17.90**	17.81	17.79	19.70
		1	104	17.74	17.71	17.83	19.70
	DFT-s-OFDM BPSK	50	0	17.93	17.85	17.87	19.70
		50	28	**17.95**	17.89	17.86	19.70
		50	56	17.79	17.73	17.79	19.70
	DFT-s-OFDM BPSK	100	0	17.75	17.77	**17.79**	19.70
	DFT-s-OFDM QPSK	1	1	17.90	17.83	17.78	19.70
	DFT-s-OFDM 16QAM	1	1	17.87	17.78	17.77	19.70
	DFT-s-OFDM 64QAM	1	1	17.80	17.82	17.93	19.70
	DFT-s-OFDM	1	1	17.84	17.90	17.90	19.70
	CP-OFDM QPSK	1	1	17.83	17.85	17.78	19.70
	CP-OFDM 16QAM	1	1	17.84	17.74	17.72	19.70
	CP-OFDM 64QAM	1	1	17.84	17.72	17.88	19.70
	CP-OFDM 256QAM	1	1	15.34	15.27	15.25	17.20

5G N7-State 20 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.74	18.83	18.87	20.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.78	18.82	18.79	20.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.86	18.80	18.88	20.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.84	18.88	18.81	20.70
		1	53	**18.89**	18.82	18.70	20.70
		1	104	18.85	18.84	18.77	20.70
	DFT-s-OFDM BPSK	50	0	18.90	18.71	18.84	20.70
		50	28	**18.91**	18.73	18.79	20.70
		50	56	18.90	18.85	18.73	20.70
	DFT-s-OFDM BPSK	100	0	**18.79**	**18.79**	18.76	20.70
	DFT-s-OFDM QPSK	1	1	18.77	18.87	18.79	20.70
	DFT-s-OFDM 16QAM	1	1	18.78	18.81	18.81	20.70
	DFT-s-OFDM 64QAM	1	1	18.90	18.89	18.95	20.70
	DFT-s-OFDM	1	1	17.82	17.84	17.75	19.70
	CP-OFDM QPSK	1	1	18.86	18.76	18.79	20.70
	CP-OFDM 16QAM	1	1	18.88	18.76	18.87	20.70
	CP-OFDM 64QAM	1	1	18.72	18.79	18.71	20.70
	CP-OFDM 256QAM	1	1	15.25	15.33	15.35	17.20

5G N7-State 11 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.76	19.83	19.83	21.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.92	19.87	19.91	21.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	19.86	19.79	19.75	21.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.82	19.79	**19.87**	21.70
		1	53	19.76	19.77	19.82	21.70
		1	104	19.78	19.74	19.73	21.70
	DFT-s-OFDM BPSK	50	0	19.83	19.79	**19.85**	21.70
		50	28	19.80	19.77	19.76	21.70
		50	56	19.81	19.80	19.77	21.70
	DFT-s-OFDM BPSK	100	0	19.74	19.71	**19.85**	21.70
	DFT-s-OFDM QPSK	1	1	19.90	19.83	19.85	21.70
	DFT-s-OFDM 16QAM	1	1	19.78	19.82	19.90	21.70
	DFT-s-OFDM 64QAM	1	1	19.74	19.82	19.86	21.70
	DFT-s-OFDM	1	1	17.73	17.82	17.86	19.70
	CP-OFDM QPSK	1	1	19.79	19.74	19.78	21.70
	CP-OFDM 16QAM	1	1	19.80	19.78	19.86	21.70
	CP-OFDM 64QAM	1	1	18.81	18.72	18.77	20.70
	CP-OFDM 256QAM	1	1	15.22	15.24	15.30	17.20

5G N7-State 15 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.74	18.83	18.87	20.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.78	18.82	18.79	20.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.86	18.80	18.88	20.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.84	18.88	18.81	20.70
		1	53	**18.89**	18.82	18.70	20.70
		1	104	18.85	18.84	18.77	20.70
	DFT-s-OFDM BPSK	50	0	18.90	18.71	18.84	20.70
		50	28	**18.91**	18.73	18.79	20.70
		50	56	18.90	18.85	18.73	20.70
	DFT-s-OFDM BPSK	100	0	**18.79**	**18.79**	18.76	20.70
	DFT-s-OFDM QPSK	1	1	18.77	18.87	18.79	20.70
	DFT-s-OFDM 16QAM	1	1	18.78	18.81	18.81	20.70
	DFT-s-OFDM 64QAM	1	1	18.90	18.89	18.95	20.70
	DFT-s-OFDM	1	1	17.82	17.84	17.75	19.70
	CP-OFDM QPSK	1	1	18.86	18.76	18.79	20.70
	CP-OFDM 16QAM	1	1	18.88	18.76	18.87	20.70
	CP-OFDM 64QAM	1	1	18.72	18.79	18.71	20.70
	CP-OFDM 256QAM	1	1	15.25	15.33	15.35	17.20

5G N7-State 17 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.73	17.77	17.71	19.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.86	17.83	17.73	19.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	17.71	17.85	17.94	19.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.86	17.81	17.74	19.70
		1	53	**17.90**	17.81	17.79	19.70
		1	104	17.74	17.71	17.83	19.70
	DFT-s-OFDM BPSK	50	0	17.93	17.85	17.87	19.70
		50	28	**17.95**	17.89	17.86	19.70
		50	56	17.79	17.73	17.79	19.70
	DFT-s-OFDM BPSK	100	0	17.75	17.77	**17.79**	19.70
	DFT-s-OFDM QPSK	1	1	17.90	17.83	17.78	19.70
	DFT-s-OFDM 16QAM	1	1	17.87	17.78	17.77	19.70
	DFT-s-OFDM 64QAM	1	1	17.80	17.82	17.93	19.70
	DFT-s-OFDM	1	1	17.84	17.90	17.90	19.70
	CP-OFDM QPSK	1	1	17.83	17.85	17.78	19.70
	CP-OFDM 16QAM	1	1	17.84	17.74	17.72	19.70
	CP-OFDM 64QAM	1	1	17.84	17.72	17.88	19.70
	CP-OFDM 256QAM	1	1	15.34	15.27	15.25	17.20

5G N7-State 19 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dB
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.74	18.83	18.87	20.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dB
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.78	18.82	18.79	20.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dB
		Frequency(MHz)		2507.5	2535	2562.5	
15	DFT-s-OFDM	1	1	18.86	18.80	18.88	20.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dB
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.84	18.88	18.81	20.70
		1	53	**18.89**	18.82	18.70	20.70
		1	104	18.85	18.84	18.77	20.70
	DFT-s-OFDM BPSK	50	0	18.90	18.71	18.84	20.70
		50	28	**18.91**	18.73	18.79	20.70
		50	56	18.90	18.85	18.73	20.70
	DFT-s-OFDM BPSK	100	0	**18.79**	**18.79**	18.76	20.70
	DFT-s-OFDM QPSK	1	1	18.77	18.87	18.79	20.70
	DFT-s-OFDM 16QAM	1	1	18.78	18.81	18.81	20.70
	DFT-s-OFDM 64QAM	1	1	18.90	18.89	18.95	20.70
	DFT-s-OFDM	1	1	17.82	17.84	17.75	19.70
	CP-OFDM QPSK	1	1	18.86	18.76	18.79	20.70
	CP-OFDM 16QAM	1	1	18.88	18.76	18.87	20.70
	CP-OFDM 64QAM	1	1	18.72	18.79	18.71	20.70
	CP-OFDM 256QAM	1	1	15.25	15.33	15.35	17.20

8.5.3 NR Band38 Output Power

5G N38-State 12 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 16 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 18 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 20 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 11 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	18.75	18.60	18.83	19.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	18.55	18.64	18.65	19.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	**18.89**	18.86	18.74	19.20
		1	39	18.82	18.62	18.53	19.20
		1	76	18.80	18.72	18.65	19.20
	DFT-s-OFDM BPSK	36	0	**18.83**	18.80	18.66	19.20
		36	21	18.68	18.52	18.45	19.20
		36	42	18.68	18.54	18.69	19.20
	DFT-s-OFDM BPSK	75	0	**18.67**	18.60	18.58	19.20
	DFT-s-OFDM QPSK	1	1	18.44	18.56	18.88	19.20
	DFT-s-OFDM 16QAM	1	1	18.56	18.57	18.72	19.20
	DFT-s-OFDM 64QAM	1	1	18.05	18.09	17.77	19.20
	DFT-s-OFDM	1	1	18.24	18.52	18.07	19.20
	CP-OFDM QPSK	1	1	18.25	18.37	18.18	19.20
	CP-OFDM 16QAM	1	1	18.11	18.43	18.31	19.20
	CP-OFDM 64QAM	1	1	18.59	18.77	18.47	19.20
	CP-OFDM 256QAM	1	1	16.54	16.64	16.48	17.70

5G N38-State 15 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 17 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 19 -Ant.1							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	17.63	17.66	17.79	18.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	17.70	17.44	17.63	18.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2605	
30	DFT-s-OFDM BPSK	1	1	**17.86**	17.70	17.74	18.20
		1	39	17.63	17.55	17.71	18.20
		1	76	17.51	17.69	17.72	18.20
	DFT-s-OFDM BPSK	36	0	17.74	17.57	17.87	18.20
		36	21	**17.90**	17.56	17.63	18.20
		36	42	17.54	17.53	17.59	18.20
	DFT-s-OFDM BPSK	75	0	17.58	17.58	**17.68**	18.20
	DFT-s-OFDM QPSK	1	1	17.32	17.77	17.76	18.20
	DFT-s-OFDM 16QAM	1	1	17.44	17.52	17.67	18.20
	DFT-s-OFDM 64QAM	1	1	16.82	16.98	16.78	18.20
	DFT-s-OFDM	1	1	16.89	16.79	16.61	18.20
	CP-OFDM QPSK	1	1	16.73	16.94	16.83	18.20
	CP-OFDM 16QAM	1	1	16.76	16.77	16.77	18.20
	CP-OFDM 64QAM	1	1	16.66	16.70	16.77	18.20
	CP-OFDM 256QAM	1	1	16.52	16.64	16.60	17.70

5G N38-State 12 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 16 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 18 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 20 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 11 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	24.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	24.20
		1	39	**23.03**	22.88	22.91	24.20
		1	76	22.93	22.76	22.83	24.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	24.20
		36	21	22.94	22.83	22.96	24.20
		36	42	23.04	22.83	22.90	24.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	24.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	24.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 15 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	23.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	23.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	23.20
		1	39	**23.03**	22.88	22.91	23.20
		1	76	22.93	22.76	22.83	23.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	23.20
		36	21	22.94	22.83	22.96	23.20
		36	42	23.04	22.83	22.90	23.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	23.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	23.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

5G N38-State 17 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	21.27	21.16	21.17	22.70
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	21.44	21.16	21.34	22.70
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	21.37	21.22	21.27	22.70
		1	39	21.44	**21.47**	21.41	22.70
		1	76	21.30	21.15	21.16	22.70
	DFT-s-OFDM BPSK	36	0	**21.57**	21.05	21.07	22.70
		36	21	21.33	21.39	21.33	22.70
		36	42	21.50	21.44	21.25	22.70
	DFT-s-OFDM BPSK	75	0	**21.56**	21.46	21.26	22.70
	DFT-s-OFDM QPSK	1	1	20.99	21.03	21.38	22.70
	DFT-s-OFDM 16QAM	1	1	21.10	21.16	21.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.27	20.22	20.30	22.20
	DFT-s-OFDM	1	1	18.51	18.43	18.47	20.20
	CP-OFDM QPSK	1	1	21.35	21.13	21.10	22.70
	CP-OFDM 16QAM	1	1	20.67	20.59	20.82	22.20
	CP-OFDM 64QAM	1	1	19.28	19.25	19.28	21.20
	CP-OFDM 256QAM	1	1	15.96	15.88	15.71	17.70

5G N38-State 19 -Ant.0							
Bandwidth (MHz)		Channel		515000	519000	523000	Tune-up power(dB
		Frequency(MHz)		2575	2595	2615	
10	DFT-s-OFDM	1	1	22.68	22.51	22.86	23.20
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dB
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM	1	1	22.52	22.83	22.77	23.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up power(dB
		Frequency(MHz)		2585	2595	2615	
30	DFT-s-OFDM BPSK	1	1	22.98	22.81	22.86	23.20
		1	39	**23.03**	22.88	22.91	23.20
		1	76	22.93	22.76	22.83	23.20
	DFT-s-OFDM BPSK	36	0	**23.07**	22.74	22.61	23.20
		36	21	22.94	22.83	22.96	23.20
		36	42	23.04	22.83	22.90	23.20
	DFT-s-OFDM BPSK	75	0	**22.97**	22.94	22.76	23.20
	DFT-s-OFDM QPSK	1	1	22.57	22.51	22.77	23.20
	DFT-s-OFDM 16QAM	1	1	21.68	21.79	21.88	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.24	20.34	22.20
	DFT-s-OFDM	1	1	18.45	18.62	18.51	20.20
	CP-OFDM QPSK	1	1	21.26	21.32	21.21	23.20
	CP-OFDM 16QAM	1	1	20.79	20.74	20.78	22.70
	CP-OFDM 64QAM	1	1	19.28	19.27	19.30	21.20
	CP-OFDM 256QAM	1	1	16.06	16.04	15.88	17.70

8.5.4 NR Band41 Output Power

5G N41-State 12 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 16 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 18 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 20 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.11	17.03	16.87	16.71	16.94	17.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.87	17.00	17.01	16.82	17.09	17.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	17.11	17.06	16.87	16.91	16.99	17.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.01	16.84	17.04	16.91	17.04	17.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.11	16.95	17.02	16.79	17.15	17.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.02	16.93	16.89	16.82	16.89	17.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.02	16.88	16.95	16.67	17.09	17.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	17.04	16.98	17.04	16.84	**17.06**	17.20
		1	137	16.80	16.80	17.02	16.83	16.75	17.20
		1	271	16.76	16.90	16.89	16.90	16.82	17.20
	DFT-s-OFDM BPSK	135	0	17.04	16.90	17.04	16.74	**17.09**	17.20
		135	69	16.78	16.72	16.84	16.73	16.82	17.20
		135	138	16.95	16.84	16.81	16.89	16.85	17.20
	DFT-s-OFDM BPSK	270	0	16.71	16.82	**16.88**	16.82	**16.88**	17.20
	DFT-s-OFDM QPSK	1	1	17.04	17.12	17.04	17.04	16.82	17.20
	DFT-s-OFDM 16QAM	1	1	16.94	16.78	16.87	17.00	16.72	17.20
	DFT-s-OFDM 64QAM	1	1	16.89	16.70	16.74	16.72	16.75	17.20
	DFT-s-OFDM	1	1	16.79	16.72	16.85	16.72	16.86	17.20
	CP-OFDM QPSK	1	1	16.73	16.76	16.82	16.76	16.76	17.20
	CP-OFDM 16QAM	1	1	16.87	16.73	16.72	16.86	16.84	17.20
	CP-OFDM 64QAM	1	1	16.79	16.70	16.76	16.79	16.87	17.20
	CP-OFDM 256QAM	1	1	16.90	16.73	16.90	16.75	16.81	17.20

5G N41-State 11 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	17.96	18.25	18.03	18.05	18.02	19.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	18.09	18.18	18.30	17.98	18.13	19.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	18.10	18.05	18.21	18.11	18.20	19.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	18.09	18.18	18.28	18.00	18.00	19.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	18.23	18.11	18.23	17.94	18.20	19.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.96	18.27	18.28	18.02	17.95	19.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	17.98	18.18	18.08	17.94	17.91	19.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.14	18.20	18.23	18.07	18.11	19.20
		1	137	18.40	18.44	**18.47**	18.29	18.31	19.20
		1	271	18.30	18.23	18.19	18.13	18.33	19.20
	DFT-s-OFDM BPSK	135	0	18.33	18.38	18.38	18.25	18.11	19.20
		135	69	18.44	18.33	**18.51**	18.37	18.38	19.20
		135	138	18.20	18.14	18.25	18.12	18.05	19.20
	DFT-s-OFDM BPSK	270	0	18.20	18.13	18.02	**18.24**	18.11	19.20
	DFT-s-OFDM QPSK	1	1	18.56	18.41	18.32	18.50	18.59	19.20
	DFT-s-OFDM 16QAM	1	1	18.57	18.36	18.40	18.58	18.42	19.20
	DFT-s-OFDM 64QAM	1	1	17.89	17.98	17.99	17.92	17.90	19.20
	DFT-s-OFDM	1	1	18.09	18.06	17.97	18.15	18.00	19.20
	CP-OFDM QPSK	1	1	18.14	18.20	18.25	18.20	17.98	19.20
	CP-OFDM 16QAM	1	1	18.11	18.18	18.27	18.27	18.16	19.20
	CP-OFDM 64QAM	1	1	18.17	18.12	18.21	18.14	18.16	19.20
	CP-OFDM 256QAM	1	1	16.12	16.28	16.38	16.22	16.22	17.70

5G N41-State 15 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	16.65	16.60	16.65	16.78	16.63	17.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.69	16.55	16.87	16.52	16.60	17.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	16.85	16.72	16.65	16.52	16.77	17.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	16.69	16.63	16.82	16.55	16.78	17.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	16.80	16.52	16.77	16.63	16.60	17.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	16.59	16.63	16.82	16.67	16.80	17.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	16.77	16.48	16.62	16.78	16.83	17.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.77	16.65	16.80	16.70	16.75	17.70
		1	137	16.99	16.92	**17.06**	16.91	16.97	17.70
		1	271	16.75	16.68	16.66	16.75	16.70	17.70
	DFT-s-OFDM BPSK	135	0	16.79	16.86	16.86	16.74	16.72	17.70
		135	69	16.84	16.77	**16.95**	16.94	16.94	17.70
		135	138	16.74	16.84	16.89	16.78	16.78	17.70
	DFT-s-OFDM BPSK	270	0	**16.67**	16.57	16.53	16.62	16.65	17.70
	DFT-s-OFDM QPSK	1	1	17.05	16.81	16.85	16.97	16.86	17.70
	DFT-s-OFDM 16QAM	1	1	17.06	16.99	16.89	16.84	17.10	17.70
	DFT-s-OFDM 64QAM	1	1	16.50	16.55	16.60	16.35	16.38	17.70
	DFT-s-OFDM	1	1	16.53	16.54	16.58	16.46	16.59	17.70
	CP-OFDM QPSK	1	1	16.66	16.61	16.56	16.58	16.71	17.70
	CP-OFDM 16QAM	1	1	16.76	16.76	16.63	16.61	16.75	17.70
	CP-OFDM 64QAM	1	1	16.77	16.80	16.77	16.84	16.90	17.70
	CP-OFDM 256QAM	1	1	16.33	16.27	16.27	16.20	16.30	17.70

5G N41-State 17 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	15.42	15.64	15.72	15.64	15.70	16.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	15.50	15.65	15.68	15.53	15.62	16.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	15.54	15.50	15.64	15.66	15.69	16.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	15.64	15.69	15.65	15.67	15.56	16.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	15.65	15.64	15.68	15.69	15.62	16.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	15.54	15.72	15.72	15.61	15.75	16.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	15.64	15.51	15.84	15.47	15.59	16.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.59	15.67	15.81	15.64	15.67	16.20
		1	137	15.68	15.73	**15.89**	15.81	15.75	16.20
		1	271	15.76	15.75	15.59	15.62	15.75	16.20
	DFT-s-OFDM BPSK	135	0	15.64	15.61	15.60	15.60	15.60	16.20
		135	69	15.98	15.89	**16.00**	15.92	15.95	16.20
		135	138	15.65	15.59	15.66	15.63	15.73	16.20
	DFT-s-OFDM BPSK	270	0	15.90	15.82	15.77	**15.95**	15.93	16.20
	DFT-s-OFDM QPSK	1	1	15.86	15.93	15.90	16.02	16.12	16.20
	DFT-s-OFDM 16QAM	1	1	15.77	15.62	15.57	15.54	15.58	16.20
	DFT-s-OFDM 64QAM	1	1	15.46	15.55	15.65	15.66	15.65	16.20
	DFT-s-OFDM	1	1	15.37	15.35	15.51	15.44	15.31	16.20
	CP-OFDM QPSK	1	1	15.54	15.50	15.64	15.54	15.57	16.20
	CP-OFDM 16QAM	1	1	15.62	15.55	15.48	15.67	15.47	16.20
	CP-OFDM 64QAM	1	1	15.55	15.40	15.63	15.40	15.62	16.20
	CP-OFDM 256QAM	1	1	15.38	15.20	15.30	15.18	15.29	16.20

5G N41-State 19 -Ant.1									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	16.65	16.60	16.65	16.78	16.63	17.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	16.69	16.55	16.87	16.52	16.60	17.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	16.85	16.72	16.65	16.52	16.77	17.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	16.69	16.63	16.82	16.55	16.78	17.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	16.80	16.52	16.77	16.63	16.60	17.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	16.59	16.63	16.82	16.67	16.80	17.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	16.77	16.48	16.62	16.78	16.83	17.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.77	16.65	16.80	16.70	16.75	17.70
		1	137	16.99	16.92	**17.06**	16.91	16.97	17.70
		1	271	16.75	16.68	16.66	16.75	16.70	17.70
	DFT-s-OFDM BPSK	135	0	16.79	16.86	16.86	16.74	16.72	17.70
		135	69	16.84	16.77	**16.95**	16.94	16.94	17.70
		135	138	16.74	16.84	16.89	16.78	16.78	17.70
	DFT-s-OFDM BPSK	270	0	**16.67**	16.57	16.53	16.62	16.65	17.70
	DFT-s-OFDM QPSK	1	1	17.05	16.81	16.85	16.97	16.86	17.70
	DFT-s-OFDM 16QAM	1	1	17.06	16.99	16.89	16.84	17.10	17.70
	DFT-s-OFDM 64QAM	1	1	16.50	16.55	16.60	16.35	16.38	17.70
	DFT-s-OFDM	1	1	16.53	16.54	16.58	16.46	16.59	17.70
	CP-OFDM QPSK	1	1	16.66	16.61	16.56	16.58	16.71	17.70
	CP-OFDM 16QAM	1	1	16.76	16.76	16.63	16.61	16.75	17.70
	CP-OFDM 64QAM	1	1	16.77	16.80	16.77	16.84	16.90	17.70
	CP-OFDM 256QAM	1	1	16.33	16.27	16.27	16.20	16.30	17.70

5G N41-State 12 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 16 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 18 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 20 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 11 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 15 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	23.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	23.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	23.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	23.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	23.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	23.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	23.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	23.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	23.20
		1	271	22.45	22.36	22.37	22.32	22.43	23.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	23.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	23.20
		135	138	22.27	22.25	22.37	22.21	22.21	23.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 17 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	21.15	21.34	21.13	21.30	21.32	22.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	21.23	21.43	21.19	21.11	21.21	22.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	21.34	21.19	21.32	21.28	21.34	22.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	21.40	21.45	21.36	21.28	21.23	22.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	21.34	21.36	21.25	21.45	21.19	22.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	21.30	21.11	21.40	21.38	21.25	22.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	21.28	21.15	21.25	21.23	21.13	22.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	21.36	21.32	**21.45**	21.21	21.38	22.20
		1	137	21.31	21.31	21.27	21.10	21.29	22.20
		1	271	21.41	21.26	21.15	21.28	21.09	22.20
	DFT-s-OFDM BPSK	135	0	21.32	21.30	21.30	21.41	21.32	22.20
		135	69	21.40	21.19	**21.44**	21.32	21.32	22.20
		135	138	21.21	20.98	21.25	21.23	21.27	22.20
	DFT-s-OFDM BPSK	270	0	21.28	21.26	**21.30**	21.21	21.26	22.20
	DFT-s-OFDM QPSK	1	1	21.15	21.23	21.00	21.00	21.02	22.20
	DFT-s-OFDM 16QAM	1	1	21.22	21.18	21.24	21.07	21.16	22.20
	DFT-s-OFDM 64QAM	1	1	20.26	20.26	20.34	20.26	20.34	22.20
	DFT-s-OFDM	1	1	18.35	18.40	18.38	18.26	18.38	20.20
	CP-OFDM QPSK	1	1	21.27	21.29	21.35	21.27	21.14	22.20
	CP-OFDM 16QAM	1	1	20.60	20.54	20.67	20.56	20.62	22.20
	CP-OFDM 64QAM	1	1	19.29	19.29	19.20	19.39	19.47	21.20
	CP-OFDM 256QAM	1	1	15.83	15.78	15.72	15.81	15.84	17.70

5G N41-State 19 -Ant.0									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	23.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	23.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	23.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	23.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	23.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	23.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	23.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	23.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	23.20
		1	271	22.45	22.36	22.37	22.32	22.43	23.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	23.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	23.20
		135	138	22.27	22.25	22.37	22.21	22.21	23.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 12 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 16 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 18 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 20 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	24.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	24.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	24.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	24.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	24.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	24.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	24.20
		1	137	**22.56**	22.34	22.44	22.23	22.30	24.20
		1	271	22.45	22.36	22.37	22.32	22.43	24.20
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	24.20
		135	69	**22.63**	22.32	22.42	22.38	22.34	24.20
		135	138	22.27	22.25	22.37	22.21	22.21	24.20
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	24.20
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	24.20
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	23.20
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 11 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	22.21	22.42	22.38	22.48	22.38	22.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	22.38	22.28	22.54	22.24	22.41	22.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	22.21	22.24	22.63	22.37	22.34	22.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	22.34	22.46	22.65	22.37	22.21	22.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	22.27	22.44	22.65	22.28	22.36	22.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	22.34	22.40	22.45	22.33	22.27	22.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	22.34	22.48	22.65	22.19	22.32	22.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.25	22.32	22.54	22.34	22.34	22.70
		1	137	**22.56**	22.34	22.44	22.23	22.30	22.70
		1	271	22.45	22.36	22.37	22.32	22.43	22.70
	DFT-s-OFDM BPSK	135	0	22.29	22.32	22.54	22.41	22.30	22.70
		135	69	**22.63**	22.32	22.42	22.38	22.34	22.70
		135	138	22.27	22.25	22.37	22.21	22.21	22.70
	DFT-s-OFDM BPSK	270	0	**22.47**	22.38	22.38	22.32	22.45	22.70
	DFT-s-OFDM QPSK	1	1	22.21	22.38	22.54	22.23	22.27	22.70
	DFT-s-OFDM 16QAM	1	1	21.27	21.29	21.53	21.22	21.20	22.70
	DFT-s-OFDM 64QAM	1	1	20.30	20.46	20.22	20.26	20.40	22.20
	DFT-s-OFDM	1	1	18.38	18.38	18.29	18.33	18.33	20.20
	CP-OFDM QPSK	1	1	21.23	21.32	21.29	21.29	21.26	22.70
	CP-OFDM 16QAM	1	1	20.74	20.79	20.84	20.77	20.92	22.70
	CP-OFDM 64QAM	1	1	19.23	19.23	19.23	19.37	19.31	21.20
	CP-OFDM 256QAM	1	1	15.73	15.82	15.90	15.78	15.96	17.70

5G N41-State 15 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.36	19.32	19.36	19.24	19.22	21.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.20	19.34	19.11	19.22	19.34	21.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.22	19.44	19.38	19.46	19.26	21.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.38	19.28	19.18	19.32	19.32	21.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.22	19.20	19.20	19.30	19.34	21.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.15	19.24	19.13	19.17	19.26	21.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.20	19.28	19.40	19.28	21.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.34	19.34	19.30	19.38	19.24	21.20
		1	137	19.24	19.24	19.28	19.30	19.35	21.20
		1	271	**19.40**	19.33	19.30	19.37	19.34	21.20
	DFT-s-OFDM BPSK	135	0	19.37	19.33	19.22	19.22	19.35	21.20
		135	69	**19.38**	19.37	19.22	19.34	19.33	21.20
		135	138	19.26	19.26	19.20	19.28	19.30	21.20
	DFT-s-OFDM BPSK	270	0	**19.38**	19.20	19.20	19.26	19.35	21.20
	DFT-s-OFDM QPSK	1	1	19.31	19.24	19.31	19.20	19.33	21.20
	DFT-s-OFDM 16QAM	1	1	19.38	19.36	19.30	19.42	19.36	21.20
	DFT-s-OFDM 64QAM	1	1	19.42	19.42	19.34	19.20	19.33	21.20
	DFT-s-OFDM	1	1	18.29	18.45	18.34	18.44	18.47	20.20
	CP-OFDM QPSK	1	1	19.40	19.34	19.34	19.36	19.28	21.20
	CP-OFDM 16QAM	1	1	19.38	19.30	19.24	19.22	19.20	21.20
	CP-OFDM 64QAM	1	1	19.23	19.35	19.31	19.26	19.25	21.20
	CP-OFDM 256QAM	1	1	15.74	15.88	15.87	15.73	15.84	17.70

5G N41-State 17 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	18.04	17.97	17.74	17.82	17.95	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	17.95	17.90	17.94	18.00	17.85	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	18.06	17.90	17.76	17.95	17.88	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	17.84	17.88	17.74	17.93	17.83	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	17.88	18.09	17.90	17.97	17.94	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	17.95	17.95	17.92	17.88	17.99	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	18.13	17.97	17.88	17.95	18.01	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.04	18.04	17.90	17.95	17.99	19.70
		1	137	18.04	18.06	**18.09**	18.06	18.06	19.70
		1	271	17.95	17.97	17.86	18.04	18.06	19.70
	DFT-s-OFDM BPSK	135	0	18.02	18.08	18.08	18.06	17.92	19.70
		135	69	18.09	18.02	**18.13**	17.88	18.02	19.70
		135	138	17.97	17.88	17.90	17.97	18.00	19.70
	DFT-s-OFDM BPSK	270	0	17.90	17.86	**18.13**	17.88	18.02	19.70
	DFT-s-OFDM QPSK	1	1	17.93	17.99	17.99	18.06	17.92	19.70
	DFT-s-OFDM 16QAM	1	1	17.99	17.97	17.95	17.88	18.02	19.70
	DFT-s-OFDM 64QAM	1	1	18.13	18.08	17.88	17.86	18.11	19.70
	DFT-s-OFDM	1	1	17.88	18.08	18.02	18.04	18.06	19.70
	CP-OFDM QPSK	1	1	17.90	17.99	17.99	17.93	18.02	19.70
	CP-OFDM 16QAM	1	1	18.08	18.00	17.90	18.11	18.11	19.70
	CP-OFDM 64QAM	1	1	18.02	17.99	18.04	17.99	18.09	19.70
	CP-OFDM 256QAM	1	1	15.72	15.72	15.75	15.73	15.72	17.70

5G N41-State 19 -Ant.0 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.36	19.32	19.36	19.24	19.22	21.20
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.20	19.34	19.11	19.22	19.34	21.20
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.22	19.44	19.38	19.46	19.26	21.20
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.38	19.28	19.18	19.32	19.32	21.20
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.22	19.20	19.20	19.30	19.34	21.20
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.15	19.24	19.13	19.17	19.26	21.20
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.20	19.28	19.40	19.28	21.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.34	19.34	19.30	19.38	19.24	21.20
		1	137	19.24	19.24	19.28	19.30	19.35	21.20
		1	271	**19.40**	19.33	19.30	19.37	19.34	21.20
	DFT-s-OFDM BPSK	135	0	19.37	19.33	19.22	19.22	19.35	21.20
		135	69	**19.38**	19.37	19.22	19.34	19.33	21.20
		135	138	19.26	19.26	19.20	19.28	19.30	21.20
	DFT-s-OFDM BPSK	270	0	**19.38**	19.20	19.20	19.26	19.35	21.20
	DFT-s-OFDM QPSK	1	1	19.31	19.24	19.31	19.20	19.33	21.20
	DFT-s-OFDM 16QAM	1	1	19.38	19.36	19.30	19.42	19.36	21.20
	DFT-s-OFDM 64QAM	1	1	19.42	19.42	19.34	19.20	19.33	21.20
	DFT-s-OFDM	1	1	18.29	18.45	18.34	18.44	18.47	20.20
	CP-OFDM QPSK	1	1	19.40	19.34	19.34	19.36	19.28	21.20
	CP-OFDM 16QAM	1	1	19.38	19.30	19.24	19.22	19.20	21.20
	CP-OFDM 64QAM	1	1	19.23	19.35	19.31	19.26	19.25	21.20
	CP-OFDM 256QAM	1	1	15.74	15.88	15.87	15.73	15.84	17.70

5G N41-State 12 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	21.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	21.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	21.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	21.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	21.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	21.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	21.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	21.70
		1	137	20.20	20.00	20.21	20.12	20.28	21.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	21.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	21.70
		135	69	20.26	20.18	20.25	20.30	20.34	21.70
		135	138	20.27	20.31	20.28	20.35	20.40	21.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	21.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	21.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	21.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	21.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	21.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	21.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 16 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 18 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.24	19.28	19.34	19.30	19.30	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.14	19.16	19.07	19.05	19.15	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.18	19.05	19.07	19.10	19.17	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.24	19.22	19.16	19.22	19.42	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.09	19.30	19.22	19.09	19.11	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.24	19.32	19.22	19.30	19.40	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.09	19.24	19.03	19.32	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.22	19.22	19.28	19.22	**19.32**	19.70
		1	137	18.97	19.16	19.05	19.03	19.10	19.70
		1	271	19.25	19.15	19.08	19.21	19.28	19.70
	DFT-s-OFDM BPSK	135	0	19.36	19.38	19.32	19.32	**19.42**	19.70
		135	69	19.24	19.16	19.10	19.22	19.06	19.70
		135	138	19.08	19.25	19.28	19.21	19.08	19.70
	DFT-s-OFDM BPSK	270	0	**19.46**	19.38	19.32	19.34	19.36	19.70
	DFT-s-OFDM QPSK	1	1	19.18	19.16	19.10	19.18	18.97	19.70
	DFT-s-OFDM 16QAM	1	1	19.25	19.25	19.28	19.23	19.25	19.70
	DFT-s-OFDM 64QAM	1	1	19.48	19.38	19.32	19.32	19.46	19.70
	DFT-s-OFDM	1	1	19.10	19.16	19.10	18.95	19.06	19.70
	CP-OFDM QPSK	1	1	19.17	19.38	19.32	19.26	19.30	19.70
	CP-OFDM 16QAM	1	1	19.24	19.16	19.10	19.10	19.08	19.70
	CP-OFDM 64QAM	1	1	19.08	19.25	19.28	19.17	19.25	19.70
	CP-OFDM 256QAM	1	1	15.70	15.81	15.75	15.74	15.87	17.70

5G N41-State 20 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 11 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	21.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	21.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	21.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	21.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	21.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	21.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	21.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	21.70
		1	137	20.20	20.00	20.21	20.12	20.28	21.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	21.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	21.70
		135	69	20.26	20.18	20.25	20.30	20.34	21.70
		135	138	20.27	20.31	20.28	20.35	20.40	21.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	21.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	21.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	21.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	21.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	21.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	21.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 15 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

5G N41-State 17 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	19.24	19.28	19.34	19.30	19.30	19.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	19.14	19.16	19.07	19.05	19.15	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	19.18	19.05	19.07	19.10	19.17	19.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	19.24	19.22	19.16	19.22	19.42	19.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	19.09	19.30	19.22	19.09	19.11	19.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	19.24	19.32	19.22	19.30	19.40	19.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	19.32	19.09	19.24	19.03	19.32	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.22	19.22	19.28	19.22	**19.32**	19.70
		1	137	18.97	19.16	19.05	19.03	19.10	19.70
		1	271	19.25	19.15	19.08	19.21	19.28	19.70
	DFT-s-OFDM BPSK	135	0	19.36	19.38	19.32	19.32	**19.42**	19.70
		135	69	19.24	19.16	19.10	19.22	19.06	19.70
		135	138	19.08	19.25	19.28	19.21	19.08	19.70
	DFT-s-OFDM BPSK	270	0	**19.46**	19.38	19.32	19.34	19.36	19.70
	DFT-s-OFDM QPSK	1	1	19.18	19.16	19.10	19.18	18.97	19.70
	DFT-s-OFDM 16QAM	1	1	19.25	19.25	19.28	19.23	19.25	19.70
	DFT-s-OFDM 64QAM	1	1	19.48	19.38	19.32	19.32	19.46	19.70
	DFT-s-OFDM	1	1	19.10	19.16	19.10	18.95	19.06	19.70
	CP-OFDM QPSK	1	1	19.17	19.38	19.32	19.26	19.30	19.70
	CP-OFDM 16QAM	1	1	19.24	19.16	19.10	19.10	19.08	19.70
	CP-OFDM 64QAM	1	1	19.08	19.25	19.28	19.17	19.25	19.70
	CP-OFDM 256QAM	1	1	15.70	15.81	15.75	15.74	15.87	17.70

5G N41-State 19 -Ant.4 (NSA)									
Bandwidth (MHz)		Channel		501204	509898	518598	527298	535998	Tune-up power(dB
		Frequency(MHz)		2506.02	2549.49	2592.99	2636.49	2679.99	
20	DFT-s-OFDM	1	1	20.22	20.40	20.39	20.14	20.36	20.70
Bandwidth (MHz)		Channel		502200	510396	518598	526794	534996	Tune-up power(dB
		Frequency(MHz)		2511	2551.98	2592.99	2633.97	2674.98	
30	DFT-s-OFDM	1	1	20.40	20.26	20.29	20.08	20.30	20.70
Bandwidth (MHz)		Channel		503202	510900	518598	526296	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.48	2670	
40	DFT-s-OFDM	1	1	20.42	20.38	20.35	20.28	20.34	20.70
Bandwidth (MHz)		Channel		504204	511401	518598	525795	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2557.01	2592.99	2628.98	2664.99	
50	DFT-s-OFDM	1	1	20.34	20.16	20.43	20.36	20.34	20.70
Bandwidth (MHz)		Channel		505200	511899	518598	525297	531996	Tune-up power(dB
		Frequency(MHz)		2526	2559.5	2592.99	2626.49	2659.98	
60	DFT-s-OFDM	1	1	20.42	20.12	20.31	20.10	20.32	20.70
Bandwidth (MHz)		Channel		507204	512901	518598	524295	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2564.51	2592.99	2621.48	2649.99	
80	DFT-s-OFDM	1	1	20.44	20.16	20.21	20.24	20.34	20.70
Bandwidth (MHz)		Channel		508200	513399	518598	523797	528996	Tune-up power(dB
		Frequency(MHz)		2541	2567	2592.99	2618.99	2644.98	
90	DFT-s-OFDM	1	1	20.40	20.24	20.25	20.12	20.28	20.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dB
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.36	20.30	**20.41**	20.26	20.28	20.70
		1	137	20.20	20.00	20.21	20.12	20.28	20.70
		1	271	20.33	20.29	20.30	20.33	**20.41**	20.70
	DFT-s-OFDM BPSK	135	0	20.38	20.24	**20.42**	20.36	20.30	20.70
		135	69	20.26	20.18	20.25	20.30	20.34	20.70
		135	138	20.27	20.31	20.28	20.35	20.40	20.70
	DFT-s-OFDM BPSK	270	0	20.32	20.32	**20.43**	20.12	20.36	20.70
	DFT-s-OFDM QPSK	1	1	20.29	20.31	20.31	20.31	20.24	20.70
	DFT-s-OFDM 16QAM	1	1	20.41	20.47	20.30	20.25	20.37	20.70
	DFT-s-OFDM 64QAM	1	1	20.26	20.10	20.24	20.08	20.28	20.70
	DFT-s-OFDM	1	1	18.26	18.08	18.30	18.21	18.32	19.20
	CP-OFDM QPSK	1	1	20.40	20.30	20.24	20.36	20.31	20.70
	CP-OFDM 16QAM	1	1	20.38	20.24	20.30	20.32	20.27	20.70
	CP-OFDM 64QAM	1	1	19.24	19.28	19.22	19.18	19.29	20.70
	CP-OFDM 256QAM	1	1	15.83	15.91	15.77	15.66	15.71	17.20

8.5.5 NR Band66 Output Power

5G N66-State 12 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 16 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 18 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.77	16.60	16.71	17.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	16.76	16.74	16.71	17.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	16.74	16.69	16.68	17.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	16.79	16.72	16.76	17.20
		1	53	16.73	**16.93**	16.17	17.20
		1	104	16.85	16.78	16.76	17.20
	DFT-s-OFDM BPSK	50	0	16.79	16.77	16.84	17.20
		50	28	16.78	17.13	16.65	17.20
		50	56	16.78	**17.18**	16.66	17.20
	DFT-s-OFDM BPSK	100	0	**16.84**	16.26	16.71	17.20
	DFT-s-OFDM QPSK	1	1	16.75	16.63	16.73	17.20
	DFT-s-OFDM 16QAM	1	1	16.66	16.75	16.83	17.20
	DFT-s-OFDM 64QAM	1	1	16.61	16.42	16.86	17.20
	DFT-s-OFDM 256QAM	1	1	16.78	16.53	16.66	17.20
	CP-OFDM QPSK	1	1	16.76	16.64	16.66	17.20
	CP-OFDM 16QAM	1	1	16.63	16.65	16.58	17.20
	CP-OFDM 64QAM	1	1	16.66	16.50	16.72	17.20
	CP-OFDM 256QAM	1	1	16.57	16.51	16.38	17.20

5G N66-State 20 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.61	18.75	18.73	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.57	18.78	18.83	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.55	18.75	18.66	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.54	18.60	18.84	19.70
		1	53	18.76	**19.13**	18.96	19.70
		1	104	18.70	18.71	18.81	19.70
	DFT-s-OFDM BPSK	50	0	18.40	18.62	18.69	19.70
		50	28	18.81	**18.87**	18.81	19.70
		50	56	18.74	18.86	18.78	19.70
	DFT-s-OFDM BPSK	100	0	18.79	**18.83**	18.75	19.70
	DFT-s-OFDM QPSK	1	1	18.80	18.89	18.87	19.70
	DFT-s-OFDM 16QAM	1	1	18.35	18.24	18.22	19.70
	DFT-s-OFDM 64QAM	1	1	18.33	18.27	18.25	19.70
	DFT-s-OFDM 256QAM	1	1	18.36	18.38	18.31	19.70
	CP-OFDM QPSK	1	1	18.14	18.17	18.15	19.70
	CP-OFDM 16QAM	1	1	18.16	18.22	18.13	19.70
	CP-OFDM 64QAM	1	1	18.26	18.18	18.20	19.70
	CP-OFDM 256QAM	1	1	16.60	16.58	16.51	17.70

5G N66-State 11 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.69	22.83	22.83	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.51	22.79	22.67	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.79	22.79	22.89	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.74	22.72	22.78	23.20
		1	53	22.61	**23.01**	22.60	23.20
		1	104	22.96	22.88	22.86	23.20
	DFT-s-OFDM BPSK	50	0	22.72	22.90	22.74	23.20
		50	28	23.07	23.18	23.00	23.20
		50	56	23.17	**23.19**	23.14	23.20
	DFT-s-OFDM BPSK	100	0	22.27	**22.52**	22.45	23.20
	DFT-s-OFDM QPSK	1	1	22.85	22.87	22.66	23.20
	DFT-s-OFDM 16QAM	1	1	22.91	22.93	22.84	23.20
	DFT-s-OFDM 64QAM	1	1	20.95	21.14	20.93	22.20
	DFT-s-OFDM 256QAM	1	1	19.19	19.19	18.98	20.20
	CP-OFDM QPSK	1	1	22.17	22.28	22.35	23.20
	CP-OFDM 16QAM	1	1	21.76	21.83	21.94	22.70
	CP-OFDM 64QAM	1	1	20.13	20.23	20.31	21.20
	CP-OFDM 256QAM	1	1	17.12	17.14	17.05	17.70

5G N66-State 15 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.58	21.84	21.90	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.71	21.73	21.77	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.62	21.60	21.77	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.73	21.80	21.90	22.20
		1	53	21.85	**22.06**	21.73	22.20
		1	104	22.00	21.94	21.85	22.20
	DFT-s-OFDM BPSK	50	0	21.82	21.89	21.80	22.20
		50	28	22.05	22.18	22.02	22.20
		50	56	21.99	**22.19**	22.01	22.20
	DFT-s-OFDM BPSK	100	0	21.44	**21.50**	**21.50**	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.83	21.81	22.20
	DFT-s-OFDM 16QAM	1	1	21.86	21.88	21.70	22.20
	DFT-s-OFDM 64QAM	1	1	20.96	21.13	21.07	22.20
	DFT-s-OFDM 256QAM	1	1	18.99	19.16	19.22	20.20
	CP-OFDM QPSK	1	1	21.67	21.82	21.73	22.20
	CP-OFDM 16QAM	1	1	21.84	21.84	21.86	22.20
	CP-OFDM 64QAM	1	1	20.09	20.13	20.17	21.20
	CP-OFDM 256QAM	1	1	16.99	17.04	17.09	17.70

5G N66-State 17 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	15.57	15.50	15.55	16.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	15.50	15.57	15.56	16.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	15.67	15.52	15.80	16.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	15.62	15.66	15.72	16.20
		1	53	15.72	**16.01**	15.14	16.20
		1	104	15.81	15.80	15.72	16.20
	DFT-s-OFDM BPSK	50	0	15.69	15.72	15.77	16.20
		50	28	16.11	16.13	15.98	16.20
		50	56	16.13	**16.15**	16.10	16.20
	DFT-s-OFDM BPSK	100	0	15.15	**15.30**	15.17	16.20
	DFT-s-OFDM QPSK	1	1	15.59	15.65	15.57	16.20
	DFT-s-OFDM 16QAM	1	1	15.62	15.76	15.70	16.20
	DFT-s-OFDM 64QAM	1	1	15.43	15.40	15.23	16.20
	DFT-s-OFDM 256QAM	1	1	15.45	15.57	15.54	16.20
	CP-OFDM QPSK	1	1	15.70	15.65	15.63	16.20
	CP-OFDM 16QAM	1	1	15.55	15.68	15.68	16.20
	CP-OFDM 64QAM	1	1	15.31	15.48	15.56	16.20
	CP-OFDM 256QAM	1	1	15.62	15.70	15.67	16.20

5G N66-State 19 -Ant.1							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.58	21.84	21.90	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.71	21.73	21.77	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.62	21.60	21.77	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.73	21.80	21.90	22.20
		1	53	21.85	**22.06**	21.73	22.20
		1	104	22.00	21.94	21.85	22.20
	DFT-s-OFDM BPSK	50	0	21.82	21.89	21.80	22.20
		50	28	22.05	22.18	22.02	22.20
		50	56	21.99	**22.19**	22.01	22.20
	DFT-s-OFDM BPSK	100	0	21.44	**21.50**	**21.50**	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.83	21.81	22.20
	DFT-s-OFDM 16QAM	1	1	21.86	21.88	21.70	22.20
	DFT-s-OFDM 64QAM	1	1	20.96	21.13	21.07	22.20
	DFT-s-OFDM 256QAM	1	1	18.99	19.16	19.22	20.20
	CP-OFDM QPSK	1	1	21.67	21.82	21.73	22.20
	CP-OFDM 16QAM	1	1	21.84	21.84	21.86	22.20
	CP-OFDM 64QAM	1	1	20.09	20.13	20.17	21.20
	CP-OFDM 256QAM	1	1	16.99	17.04	17.09	17.70

5G N66-State 12 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 16 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 18 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 20 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 11 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.44	22.60	22.92	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.51	22.74	22.65	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.44	22.60	22.94	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.73	22.76	22.74	23.20
		1	53	22.69	**22.99**	22.62	23.20
		1	104	22.45	22.50	22.28	23.20
	DFT-s-OFDM BPSK	50	0	22.51	22.61	22.62	23.20
		50	28	22.57	**22.69**	22.34	23.20
		50	56	22.33	22.56	22.49	23.20
	DFT-s-OFDM BPSK	100	0	22.74	**22.97**	22.62	23.20
	DFT-s-OFDM QPSK	1	1	22.70	22.83	22.27	23.20
	DFT-s-OFDM 16QAM	1	1	22.69	22.45	22.60	23.20
	DFT-s-OFDM 64QAM	1	1	20.60	20.81	20.77	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.09	19.12	20.20
	CP-OFDM QPSK	1	1	21.70	21.64	21.82	23.20
	CP-OFDM 16QAM	1	1	21.13	21.62	21.39	22.70
	CP-OFDM 64QAM	1	1	19.68	19.68	19.46	21.20
	CP-OFDM 256QAM	1	1	16.51	16.63	16.56	17.70

5G N66-State 15 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.78	20.29	20.03	20.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.76	20.21	20.29	20.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.72	20.07	20.11	20.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.90	20.23	20.25	20.70
		1	53	20.28	**20.36**	20.20	20.70
		1	104	20.09	20.07	20.11	20.70
	DFT-s-OFDM BPSK	50	0	19.88	20.06	20.04	20.70
		50	28	20.06	**20.08**	19.86	20.70
		50	56	19.84	19.83	20.02	20.70
	DFT-s-OFDM BPSK	100	0	20.21	**20.44**	20.11	20.70
	DFT-s-OFDM QPSK	1	1	20.12	20.34	19.85	20.70
	DFT-s-OFDM 16QAM	1	1	20.44	20.01	20.33	20.70
	DFT-s-OFDM 64QAM	1	1	20.28	20.26	19.83	20.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.92	19.12	20.20
	CP-OFDM QPSK	1	1	21.68	21.55	21.77	23.20
	CP-OFDM 16QAM	1	1	20.12	19.97	20.25	20.70
	CP-OFDM 64QAM	1	1	19.70	19.52	19.42	20.70
	CP-OFDM 256QAM	1	1	16.57	16.54	16.62	17.70

5G N66-State 17 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.28	19.35	19.56	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.46	19.47	19.30	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.36	19.49	19.52	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.36	19.41	19.48	19.70
		1	53	19.26	19.46	19.33	19.70
		1	104	19.48	**19.50**	19.33	19.70
	DFT-s-OFDM BPSK	50	0	19.47	19.43	19.41	19.70
		50	28	19.42	**19.48**	19.30	19.70
		50	56	19.25	19.46	19.46	19.70
	DFT-s-OFDM BPSK	100	0	19.48	19.46	**19.52**	19.70
	DFT-s-OFDM QPSK	1	1	19.19	19.38	19.36	19.70
	DFT-s-OFDM 16QAM	1	1	19.29	19.48	19.42	19.70
	DFT-s-OFDM 64QAM	1	1	19.17	19.32	19.22	19.70
	DFT-s-OFDM 256QAM	1	1	18.84	18.78	18.84	19.70
	CP-OFDM QPSK	1	1	19.24	19.36	19.15	19.70
	CP-OFDM 16QAM	1	1	18.93	18.95	19.03	19.70
	CP-OFDM 64QAM	1	1	19.17	19.36	19.28	19.70
	CP-OFDM 256QAM	1	1	16.86	16.88	16.88	17.70

5G N66-State 19 -Ant.0							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.78	20.29	20.03	20.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.76	20.21	20.29	20.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.72	20.07	20.11	20.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.90	20.23	20.25	20.70
		1	53	20.28	**20.36**	20.20	20.70
		1	104	20.09	20.07	20.11	20.70
	DFT-s-OFDM BPSK	50	0	19.88	20.06	20.04	20.70
		50	28	20.06	**20.08**	19.86	20.70
		50	56	19.84	19.83	20.02	20.70
	DFT-s-OFDM BPSK	100	0	20.21	**20.44**	20.11	20.70
	DFT-s-OFDM QPSK	1	1	20.12	20.34	19.85	20.70
	DFT-s-OFDM 16QAM	1	1	20.44	20.01	20.33	20.70
	DFT-s-OFDM 64QAM	1	1	20.28	20.26	19.83	20.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.92	19.12	20.20
	CP-OFDM QPSK	1	1	21.68	21.55	21.77	23.20
	CP-OFDM 16QAM	1	1	20.12	19.97	20.25	20.70
	CP-OFDM 64QAM	1	1	19.70	19.52	19.42	20.70
	CP-OFDM 256QAM	1	1	16.57	16.54	16.62	17.70

5G N66-State 12 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 16 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 18 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 20 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	23.50	23.71	23.64	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	23.71	23.74	23.93	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	23.71	23.74	23.69	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	23.62	23.69	23.83	24.20
		1	53	23.74	**23.92**	23.62	24.20
		1	104	23.65	23.73	23.53	24.20
	DFT-s-OFDM BPSK	50	0	23.44	23.50	23.76	24.20
		50	28	23.72	**23.80**	23.38	24.20
		50	56	23.46	23.49	23.62	24.20
	DFT-s-OFDM BPSK	100	0	23.67	**23.92**	23.57	24.20
	DFT-s-OFDM QPSK	1	1	23.72	23.90	23.43	24.20
	DFT-s-OFDM 16QAM	1	1	22.90	22.65	22.83	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	21.00	20.87	22.20
	DFT-s-OFDM 256QAM	1	1	18.92	19.07	19.12	20.20
	CP-OFDM QPSK	1	1	21.81	21.75	21.93	23.20
	CP-OFDM 16QAM	1	1	21.30	21.58	21.28	22.70
	CP-OFDM 64QAM	1	1	19.68	19.72	19.48	21.20
	CP-OFDM 256QAM	1	1	16.54	16.56	16.54	17.70

5G N66-State 11 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.28	19.35	19.56	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	19.46	19.47	19.30	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	19.36	19.49	19.52	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.36	19.41	19.48	19.70
		1	53	19.26	19.46	19.33	19.70
		1	104	19.48	**19.50**	19.33	19.70
	DFT-s-OFDM BPSK	50	0	19.47	19.43	19.41	19.70
		50	28	19.42	**19.48**	19.30	19.70
		50	56	19.25	19.46	19.46	19.70
	DFT-s-OFDM BPSK	100	0	19.48	19.46	**19.52**	19.70
	DFT-s-OFDM QPSK	1	1	19.19	19.38	19.36	19.70
	DFT-s-OFDM 16QAM	1	1	19.29	19.48	19.42	19.70
	DFT-s-OFDM 64QAM	1	1	19.17	19.32	19.22	19.70
	DFT-s-OFDM 256QAM	1	1	18.84	18.78	18.84	19.70
	CP-OFDM QPSK	1	1	19.24	19.36	19.15	19.70
	CP-OFDM 16QAM	1	1	18.93	18.95	19.03	19.70
	CP-OFDM 64QAM	1	1	19.17	19.36	19.28	19.70
	CP-OFDM 256QAM	1	1	16.86	16.88	16.88	17.70

5G N66-State 15 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	17.64	17.87	17.84	18.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	17.80	17.78	17.66	18.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	17.68	17.80	17.91	18.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	17.80	17.89	17.84	18.20
		1	53	17.68	17.82	17.75	18.20
		1	104	17.89	**17.94**	17.79	18.20
	DFT-s-OFDM BPSK	50	0	17.73	17.86	17.82	18.20
		50	28	17.89	17.89	17.80	18.20
		50	56	**17.92**	**17.92**	17.85	18.20
	DFT-s-OFDM BPSK	100	0	17.67	**17.87**	17.67	18.20
	DFT-s-OFDM QPSK	1	1	17.72	17.90	17.77	18.20
	DFT-s-OFDM 16QAM	1	1	17.90	18.03	18.10	18.20
	DFT-s-OFDM 64QAM	1	1	17.78	17.85	17.89	18.20
	DFT-s-OFDM 256QAM	1	1	17.75	17.82	17.68	18.20
	CP-OFDM QPSK	1	1	17.84	17.91	17.86	18.20
	CP-OFDM 16QAM	1	1	17.44	17.42	17.51	18.20
	CP-OFDM 64QAM	1	1	17.67	17.83	17.65	18.20
	CP-OFDM 256QAM	1	1	16.96	16.91	16.74	17.70

5G N66-State 17 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.35	16.24	16.27	16.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	16.32	16.42	16.43	16.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	16.20	16.24	16.32	16.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	16.30	16.35	16.35	16.70
		1	53	16.23	16.29	16.21	16.70
		1	104	16.36	**16.40**	16.32	16.70
	DFT-s-OFDM BPSK	50	0	16.20	16.35	16.33	16.70
		50	28	16.32	16.34	16.26	16.70
		50	56	16.20	**16.36**	16.33	16.70
	DFT-s-OFDM BPSK	100	0	16.40	16.37	**16.42**	16.70
	DFT-s-OFDM QPSK	1	1	16.26	16.36	16.39	16.70
	DFT-s-OFDM 16QAM	1	1	16.53	16.46	16.38	16.70
	DFT-s-OFDM 64QAM	1	1	16.20	16.28	16.17	16.70
	DFT-s-OFDM 256QAM	1	1	16.32	16.24	16.26	16.70
	CP-OFDM QPSK	1	1	16.26	16.34	16.31	16.70
	CP-OFDM 16QAM	1	1	15.82	15.88	15.83	16.70
	CP-OFDM 64QAM	1	1	16.14	16.30	16.17	16.70
	CP-OFDM 256QAM	1	1	16.29	16.36	16.34	16.70

5G N66-State 19 -Ant.0 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	17.64	17.87	17.84	18.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	17.80	17.78	17.66	18.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	17.68	17.80	17.91	18.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	17.80	17.89	17.84	18.20
		1	53	17.68	17.82	17.75	18.20
		1	104	17.89	**17.94**	17.79	18.20
	DFT-s-OFDM BPSK	50	0	17.73	17.86	17.82	18.20
		50	28	17.89	17.89	17.80	18.20
		50	56	**17.92**	**17.92**	17.85	18.20
	DFT-s-OFDM BPSK	100	0	17.67	**17.87**	17.67	18.20
	DFT-s-OFDM QPSK	1	1	17.72	17.90	17.77	18.20
	DFT-s-OFDM 16QAM	1	1	17.90	18.03	18.10	18.20
	DFT-s-OFDM 64QAM	1	1	17.78	17.85	17.89	18.20
	DFT-s-OFDM 256QAM	1	1	17.75	17.82	17.68	18.20
	CP-OFDM QPSK	1	1	17.84	17.91	17.86	18.20
	CP-OFDM 16QAM	1	1	17.44	17.42	17.51	18.20
	CP-OFDM 64QAM	1	1	17.67	17.83	17.65	18.20
	CP-OFDM 256QAM	1	1	16.96	16.91	16.74	17.70

5G N66-State 12 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	23.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	23.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	23.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	23.20
		1	53	22.31	22.40	22.35	23.20
		1	104	22.50	22.49	22.42	23.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	23.20
		50	28	22.30	**22.43**	22.34	23.20
		50	56	21.61	22.01	21.57	23.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	23.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	23.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 16 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.46	21.57	21.71	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.68	21.76	21.52	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.63	21.65	21.65	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.70	**21.74**	21.69	22.20
		1	53	21.53	21.32	21.57	22.20
		1	104	21.53	21.45	21.55	22.20
	DFT-s-OFDM BPSK	50	0	21.69	**21.75**	21.71	22.20
		50	28	21.28	21.48	21.50	22.20
		50	56	21.38	21.35	21.64	22.20
	DFT-s-OFDM BPSK	100	0	21.50	**21.69**	21.67	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.51	21.60	22.20
	DFT-s-OFDM 16QAM	1	1	21.47	21.50	21.63	22.20
	DFT-s-OFDM 64QAM	1	1	20.35	20.32	20.37	22.20
	DFT-s-OFDM 256QAM	1	1	18.34	18.34	18.30	20.20
	CP-OFDM QPSK	1	1	21.24	21.24	21.28	22.20
	CP-OFDM 16QAM	1	1	20.72	20.71	20.79	22.20
	CP-OFDM 64QAM	1	1	19.43	19.39	19.29	21.20
	CP-OFDM 256QAM	1	1	15.81	15.86	15.78	17.70

5G N66-State 18 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	20.86	21.04	20.63	21.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	20.76	21.08	20.67	21.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	20.65	21.14	20.67	21.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	20.86	**21.06**	20.84	21.20
		1	53	20.84	21.03	20.82	21.20
		1	104	21.04	21.02	20.92	21.20
	DFT-s-OFDM BPSK	50	0	21.04	**21.06**	21.02	21.20
		50	28	20.89	21.03	20.93	21.20
		50	56	21.05	20.95	20.74	21.20
	DFT-s-OFDM BPSK	100	0	20.88	**21.07**	21.01	21.20
	DFT-s-OFDM QPSK	1	1	20.74	20.93	20.87	21.20
	DFT-s-OFDM 16QAM	1	1	21.16	21.18	21.10	21.20
	DFT-s-OFDM 64QAM	1	1	19.71	19.85	19.87	21.20
	DFT-s-OFDM 256QAM	1	1	18.47	18.41	18.41	20.20
	CP-OFDM QPSK	1	1	20.80	20.93	20.89	21.20
	CP-OFDM 16QAM	1	1	21.13	21.19	21.17	21.20
	CP-OFDM 64QAM	1	1	19.94	19.86	19.66	21.20
	CP-OFDM 256QAM	1	1	15.88	15.84	15.82	17.70

5G N66-State 20 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	21.46	21.57	21.71	22.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	21.68	21.76	21.52	22.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	21.63	21.65	21.65	22.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	21.70	**21.74**	21.69	22.20
		1	53	21.53	21.32	21.57	22.20
		1	104	21.53	21.45	21.55	22.20
	DFT-s-OFDM BPSK	50	0	21.69	**21.75**	21.71	22.20
		50	28	21.28	21.48	21.50	22.20
		50	56	21.38	21.35	21.64	22.20
	DFT-s-OFDM BPSK	100	0	21.50	**21.69**	21.67	22.20
	DFT-s-OFDM QPSK	1	1	21.68	21.51	21.60	22.20
	DFT-s-OFDM 16QAM	1	1	21.47	21.50	21.63	22.20
	DFT-s-OFDM 64QAM	1	1	20.35	20.32	20.37	22.20
	DFT-s-OFDM 256QAM	1	1	18.34	18.34	18.30	20.20
	CP-OFDM QPSK	1	1	21.24	21.24	21.28	22.20
	CP-OFDM 16QAM	1	1	20.72	20.71	20.79	22.20
	CP-OFDM 64QAM	1	1	19.43	19.39	19.29	21.20
	CP-OFDM 256QAM	1	1	15.81	15.86	15.78	17.70

5G N66-State 11 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 15 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 17 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70

5G N66-State 19 -Ant.4 (NSA)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.33	22.58	22.31	24.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.33	22.44	22.13	24.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.48	22.44	22.20	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.46	**22.51**	22.38	24.20
		1	53	22.31	22.40	22.35	24.20
		1	104	22.50	22.49	22.42	24.20
	DFT-s-OFDM BPSK	50	0	22.06	21.97	22.08	24.20
		50	28	22.30	**22.43**	22.34	24.20
		50	56	21.61	22.01	21.57	24.20
	DFT-s-OFDM BPSK	100	0	21.93	**21.97**	21.73	24.20
	DFT-s-OFDM QPSK	1	1	22.23	22.45	22.05	24.20
	DFT-s-OFDM 16QAM	1	1	21.71	21.73	21.49	23.20
	DFT-s-OFDM 64QAM	1	1	20.30	20.32	20.36	22.20
	DFT-s-OFDM 256QAM	1	1	18.39	18.34	18.21	20.20
	CP-OFDM QPSK	1	1	21.30	21.24	21.21	23.20
	CP-OFDM 16QAM	1	1	20.73	20.71	20.74	22.70
	CP-OFDM 64QAM	1	1	19.47	19.39	19.43	21.20
	CP-OFDM 256QAM	1	1	15.71	15.86	15.82	17.70