8.1 GSM Output Power

GSM-Full Power-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)	32.82	32.60	33.11	33.50	23.63	23.41	23.92	24.31
GPRS (GMSK, 1-Slot)	33.39	33.19	33.05	33.50	24.20	24.00	23.86	24.31
GPRS (GMSK, 2-Slots)	31.17	30.93	31.40	31.50	25.04	24.80	25.27	25.37
GPRS (GMSK, 3-Slots)	29.75	29.49	**30.21**	30.50	25.33	25.07	25.79	26.08
GPRS (GMSK, 4-Slots)	28.48	28.14	28.36	28.50	25.30	24.96	25.18	25.32
EGPRS (8PSK, 1-Slot)	26.55	26.57	26.52	28.00	17.36	17.38	17.33	18.81
EGPRS (8PSK, 2-Slots)	24.67	24.78	24.79	26.00	18.54	18.65	18.66	19.87
EGPRS (8PSK, 3-Slots)	22.48	22.51	22.61	24.00	18.06	18.09	18.19	19.58
EGPRS (8PSK, 4-Slots)	21.72	22.27	21.75	23.00	18.54	19.09	18.57	19.82
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)	29.86	30.22	30.05	30.50	20.67	21.03	20.86	21.31
GPRS (GMSK, 1-Slot)	29.91	30.23	30.00	30.50	20.72	21.04	20.81	21.31
GPRS (GMSK, 2-Slots)	27.91	27.86	27.90	28.00	21.78	21.73	21.77	21.87
GPRS (GMSK, 3-Slots)	26.94	**26.96**	26.93	27.00	22.52	22.54	22.51	22.58
GPRS (GMSK, 4-Slots)	25.37	25.46	25.39	25.50	22.19	22.28	22.21	22.32
EGPRS (8PSK, 1-Slot)	25.35	24.84	24.70	26.00	16.16	15.65	15.51	16.81
EGPRS (8PSK, 2-Slots)	23.70	23.39	23.18	25.00	17.57	17.26	17.05	18.87
EGPRS (8PSK, 3-Slots)	22.14	21.76	21.84	23.00	17.72	17.34	17.42	18.58
EGPRS (8PSK, 4-Slots)	20.36	20.38	20.17	22.00	17.18	17.20	16.99	18.82

GSM-Level1-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)	26.71	26.40	27.03	27.50	17.52	17.21	17.84	18.31
GPRS (GMSK, 1-Slot)	26.75	26.39	27.04	27.50	17.56	17.20	17.85	18.31
GPRS (GMSK, 2-Slots)	25.11	24.77	25.33	25.50	18.98	18.64	19.20	19.37
GPRS (GMSK, 3-Slots)	23.60	23.90	**24.07**	24.50	19.18	19.48	19.65	20.08
GPRS (GMSK, 4-Slots)	22.37	22.22	22.26	22.50	19.19	19.04	19.08	19.32
EGPRS (8PSK, 1-Slot)	26.55	26.57	26.52	28.00	17.36	17.38	17.33	18.81
EGPRS (8PSK, 2-Slots)	24.67	24.78	24.79	26.00	18.54	18.65	18.66	19.87
EGPRS (8PSK, 3-Slots)	22.48	22.51	22.61	24.00	18.06	18.09	18.19	19.58
EGPRS (8PSK, 4-Slots)	21.72	22.27	21.75	23.00	18.54	19.09	18.57	19.82
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)	20.57	20.59	20.63	21.50	11.38	11.40	11.44	12.31
GPRS (GMSK, 1-Slot)	20.74	20.68	20.66	21.50	11.55	11.49	11.47	12.31
GPRS (GMSK, 2-Slots)	19.15	19.20	19.24	19.50	13.02	13.07	13.11	13.37
GPRS (GMSK, 3-Slots)	17.94	17.92	**17.99**	18.50	13.52	13.50	13.57	14.08
GPRS (GMSK, 4-Slots)	16.80	16.71	16.76	17.00	13.62	13.53	13.58	13.82
EGPRS (8PSK, 1-Slot)	21.12	20.82	21.08	21.50	11.93	11.63	11.89	12.31
EGPRS (8PSK, 2-Slots)	18.95	19.20	19.14	20.00	12.83	13.07	13.01	13.87
EGPRS (8PSK, 3-Slots)	17.79	17.79	17.65	18.00	13.37	13.37	13.23	13.58
EGPRS (8PSK, 4-Slots)	16.42	16.44	16.47	17.00	13.24	13.26	13.29	13.82

GSM-Level2-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)	32.68	32.45	32.27	33.00	23.49	23.26	23.08	23.81
GPRS (GMSK, 1-Slot)	32.59	32.36	32.89	33.00	23.40	23.17	23.70	23.81
GPRS (GMSK, 2-Slots)	30.94	30.68	30.52	31.00	24.81	24.55	24.39	24.87
GPRS (GMSK, 3-Slots)	**29.49**	29.21	29.06	30.00	25.07	24.79	24.64	25.58
GPRS (GMSK, 4-Slots)	27.78	27.83	27.69	28.00	24.60	24.65	24.51	24.82
EGPRS (8PSK, 1-Slot)	26.55	26.57	26.52	28.00	17.36	17.38	17.33	18.81
EGPRS (8PSK, 2-Slots)	24.67	24.78	24.79	26.00	18.54	18.65	18.66	19.87
EGPRS (8PSK, 3-Slots)	22.48	22.51	22.61	24.00	18.06	18.09	18.19	19.58
EGPRS (8PSK, 4-Slots)	21.72	22.27	21.75	23.00	18.54	19.09	18.57	19.82
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)	25.14	25.12	25.35	26.00	15.95	15.93	16.16	16.81
GPRS (GMSK, 1-Slot)	25.28	25.16	25.39	26.00	16.09	15.97	16.20	16.81
GPRS (GMSK, 2-Slots)	23.36	23.39	23.49	23.50	17.23	17.26	17.36	17.37
GPRS (GMSK, 3-Slots)	22.07	22.08	**22.12**	22.50	17.65	17.66	17.70	18.08
GPRS (GMSK, 4-Slots)	20.69	20.79	20.84	21.00	17.51	17.61	17.66	17.82
EGPRS (8PSK, 1-Slot)	24.31	24.34	24.39	25.00	15.12	15.15	15.20	15.81
EGPRS (8PSK, 2-Slots)	22.65	22.42	22.59	23.00	16.52	16.29	16.46	16.87
EGPRS (8PSK, 3-Slots)	21.34	21.32	21.28	22.00	16.92	16.90	16.86	17.58
EGPRS (8PSK, 4-Slots)	20.24	20.28	20.24	21.00	17.06	17.10	17.06	17.82

GSM-Full Power-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)	32.94	32.73	33.22	33.50	23.75	23.54	24.03	24.31
GPRS (GMSK, 1-Slot)	33.48	33.29	33.13	33.50	24.29	24.10	23.94	24.31
GPRS (GMSK, 2-Slots)	31.30	31.04	31.38	31.50	25.17	24.91	25.25	25.37
GPRS (GMSK, 3-Slots)	29.87	29.59	**30.26**	30.50	25.45	25.17	25.84	26.08
GPRS (GMSK, 4-Slots)	28.40	28.23	28.48	28.50	25.22	25.05	25.30	25.32
EGPRS (8PSK, 1-Slot)	26.92	26.57	26.67	28.00	17.73	17.38	17.48	18.81
EGPRS (8PSK, 2-Slots)	25.05	24.79	24.90	26.00	18.92	18.66	18.77	19.87
EGPRS (8PSK, 3-Slots)	22.75	22.48	22.58	24.00	18.33	18.06	18.16	19.58
EGPRS (8PSK, 4-Slots)	22.17	21.84	22.10	23.00	18.99	18.66	18.92	19.82
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)	29.86	30.20	30.04	30.50	20.67	21.01	20.85	21.31
GPRS (GMSK, 1-Slot)	29.89	30.23	30.06	30.50	20.70	21.04	20.87	21.31
GPRS (GMSK, 2-Slots)	27.79	27.80	27.96	28.00	21.66	21.67	21.83	21.87
GPRS (GMSK, 3-Slots)	26.73	**26.89**	26.81	27.00	22.31	22.47	22.39	22.58
GPRS (GMSK, 4-Slots)	25.36	25.40	25.36	25.50	22.18	22.22	22.18	22.32
EGPRS (8PSK, 1-Slot)	25.73	25.62	25.54	27.00	16.54	16.43	16.35	17.81
EGPRS (8PSK, 2-Slots)	24.00	23.84	23.88	25.00	17.87	17.71	17.75	18.87
EGPRS (8PSK, 3-Slots)	21.62	21.56	21.55	23.00	17.20	17.14	17.13	18.58
EGPRS (8PSK, 4-Slots)	20.40	20.25	20.25	22.00	17.22	17.07	17.07	18.82

GSM-Level1-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)	32.94	32.73	33.22	33.50	23.75	23.54	24.03	24.31
GPRS (GMSK, 1-Slot)	33.48	33.29	33.13	33.50	24.29	24.10	23.94	24.31
GPRS (GMSK, 2-Slots)	31.30	31.04	31.38	31.50	25.17	24.91	25.25	25.37
GPRS (GMSK, 3-Slots)	29.87	29.59	**30.26**	30.50	25.45	25.17	25.84	26.08
GPRS (GMSK, 4-Slots)	28.40	28.23	28.48	28.50	25.22	25.05	25.30	25.32
EGPRS (8PSK, 1-Slot)	26.92	26.57	26.67	28.00	17.73	17.38	17.48	18.81
EGPRS (8PSK, 2-Slots)	25.05	24.79	24.90	26.00	18.92	18.66	18.77	19.87
EGPRS (8PSK, 3-Slots)	22.75	22.48	22.58	24.00	18.33	18.06	18.16	19.58
EGPRS (8PSK, 4-Slots)	22.17	21.84	22.10	23.00	18.99	18.66	18.92	19.82
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)	29.86	30.20	30.04	30.50	20.67	21.01	20.85	21.31
GPRS (GMSK, 1-Slot)	29.89	30.23	30.06	30.50	20.70	21.04	20.87	21.31
GPRS (GMSK, 2-Slots)	27.79	27.80	27.96	28.00	21.66	21.67	21.83	21.87
GPRS (GMSK, 3-Slots)	26.73	**26.89**	26.81	27.00	22.31	22.47	22.39	22.58
GPRS (GMSK, 4-Slots)	25.36	25.40	25.36	25.50	22.18	22.22	22.18	22.32
EGPRS (8PSK, 1-Slot)	25.73	25.62	25.54	27.00	16.54	16.43	16.35	17.81
EGPRS (8PSK, 2-Slots)	24.00	23.84	23.88	25.00	17.87	17.71	17.75	18.87
EGPRS (8PSK, 3-Slots)	21.62	21.56	21.55	23.00	17.20	17.14	17.13	18.58
EGPRS (8PSK, 4-Slots)	20.40	20.25	20.25	22.00	17.22	17.07	17.07	18.82

GSM-Level2-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)	32.94	32.73	33.22	33.50	23.75	23.54	24.03	24.31
GPRS (GMSK, 1-Slot)	33.48	33.29	33.13	33.50	24.29	24.10	23.94	24.31
GPRS (GMSK, 2-Slots)	31.30	31.04	31.38	31.50	25.17	24.91	25.25	25.37
GPRS (GMSK, 3-Slots)	29.87	29.59	**30.26**	30.50	25.45	25.17	25.84	26.08
GPRS (GMSK, 4-Slots)	28.40	28.23	28.48	28.50	25.22	25.05	25.30	25.32
EGPRS (8PSK, 1-Slot)	26.92	26.57	26.67	28.00	17.73	17.38	17.48	18.81
EGPRS (8PSK, 2-Slots)	25.05	24.79	24.90	26.00	18.92	18.66	18.77	19.87
EGPRS (8PSK, 3-Slots)	22.75	22.48	22.58	24.00	18.33	18.06	18.16	19.58
EGPRS (8PSK, 4-Slots)	22.17	21.84	22.10	23.00	18.99	18.66	18.92	19.82
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)	27.38	27.43	27.42	28.00	18.19	18.24	18.23	18.81
GPRS (GMSK, 1-Slot)	27.39	27.42	27.66	28.00	18.20	18.23	18.47	18.81
GPRS (GMSK, 2-Slots)	25.35	25.45	25.44	25.50	19.22	19.32	19.31	19.37
GPRS (GMSK, 3-Slots)	24.24	24.24	**24.33**	24.50	19.82	19.82	19.91	20.08
GPRS (GMSK, 4-Slots)	22.90	22.87	22.97	23.00	19.72	19.69	19.79	19.82
EGPRS (8PSK, 1-Slot)	25.32	25.30	25.53	27.00	16.13	16.11	16.34	17.81
EGPRS (8PSK, 2-Slots)	23.50	23.50	23.61	25.00	17.37	17.37	17.48	18.87
EGPRS (8PSK, 3-Slots)	21.22	21.40	21.35	23.00	16.80	16.98	16.93	18.58
EGPRS (8PSK, 4-Slots)	20.08	20.01	20.06	22.00	16.90	16.83	16.88	18.82

8.2 WCDMA Output Power

WCDMA-Full Power-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.44	**23.53**	23.52	24.50
AMR 12.2kbps	23.36	23.50	23.43	24.50
HSDPA Subtest-1	22.46	22.52	22.50	23.70
HSDPA Subtest-2	22.61	22.54	22.58	23.70
HSDPA Subtest-3	22.04	22.00	21.87	23.20
HSDPA Subtest-4	22.03	22.04	21.93	23.20
HSUPA Subtest-1	22.61	22.46	22.39	23.70
HSUPA Subtest-2	20.42	20.50	20.49	21.70
HSUPA Subtest-3	21.56	21.45	21.32	22.70
HSUPA Subtest-4	20.43	20.54	20.58	21.70
HSUPA Subtest-5	22.48	22.52	22.46	23.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.96	**24.07**	24.02	24.50
AMR 12.2kbps	23.89	24.00	24.00	24.50
HSDPA Subtest-1	23.07	23.05	22.99	23.70
HSDPA Subtest-2	23.16	23.04	23.07	23.70
HSDPA Subtest-3	22.46	22.51	22.42	23.20
HSDPA Subtest-4	22.66	22.54	22.44	23.20
HSUPA Subtest-1	23.13	22.99	23.03	23.70
HSUPA Subtest-2	20.93	21.01	21.06	21.70
HSUPA Subtest-3	21.96	21.99	21.85	22.70
HSUPA Subtest-4	21.07	21.14	21.03	21.70
HSUPA Subtest-5	23.14	23.02	22.95	23.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	**24.08**	23.84	23.83	25.00
AMR 12.2kbps	24.04	23.71	23.82	25.00
HSDPA Subtest-1	22.96	22.91	22.84	23.70
HSDPA Subtest-2	22.86	22.88	22.82	23.70
HSDPA Subtest-3	22.49	22.38	22.29	23.20
HSDPA Subtest-4	22.38	22.36	22.45	23.20
HSUPA Subtest-1	22.94	22.91	22.76	23.70
HSUPA Subtest-2	20.88	20.87	20.81	21.70
HSUPA Subtest-3	22.01	21.87	21.83	22.70
HSUPA Subtest-4	20.94	20.88	20.73	21.70
HSUPA Subtest-5	22.87	22.88	22.91	23.70

WCDMA-Level1-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	13.13	**13.19**	13.12	14.00
AMR 12.2kbps	13.02	13.17	13.06	14.00
HSDPA Subtest-1	12.15	12.20	12.33	13.20
HSDPA Subtest-2	12.07	12.20	12.35	13.20
HSDPA Subtest-3	11.77	11.66	11.67	12.70
HSDPA Subtest-4	11.67	11.72	11.85	12.70
HSUPA Subtest-1	12.14	12.18	12.18	13.20
HSUPA Subtest-2	10.08	10.17	10.15	11.20
HSUPA Subtest-3	11.18	11.21	11.34	12.20
HSUPA Subtest-4	10.15	10.18	10.18	11.20
HSUPA Subtest-5	12.11	12.20	12.06	13.20
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	14.20	**14.28**	14.25	15.00
AMR 12.2kbps	14.07	14.11	14.22	15.00
HSDPA Subtest-1	13.43	13.30	13.41	14.20
HSDPA Subtest-2	13.43	13.29	13.38	14.20
HSDPA Subtest-3	12.90	12.76	12.83	13.70
HSDPA Subtest-4	12.81	12.79	12.76	13.70
HSUPA Subtest-1	13.18	13.24	13.39	14.20
HSUPA Subtest-2	11.31	11.22	11.15	12.20
HSUPA Subtest-3	12.31	12.29	12.20	13.20
HSUPA Subtest-4	11.28	11.31	11.32	12.20
HSUPA Subtest-5	13.19	13.26	13.33	14.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	19.69	**19.9**	19.70	21.00
AMR 12.2kbps	19.81	19.67	19.62	21.00
HSDPA Subtest-1	18.81	18.72	18.72	19.70
HSDPA Subtest-2	18.78	18.73	18.82	19.70
HSDPA Subtest-3	18.30	18.18	18.25	19.20
HSDPA Subtest-4	18.08	18.19	18.05	19.20
HSUPA Subtest-1	18.56	18.68	18.58	19.70
HSUPA Subtest-2	16.78	16.66	16.58	17.70
HSUPA Subtest-3	17.64	17.76	17.66	18.70
HSUPA Subtest-4	16.69	16.73	16.74	17.70
HSUPA Subtest-5	18.65	18.74	18.65	19.70

WCDMA-Level2-Ant.1				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	17.66	**17.7**	17.68	18.50
AMR 12.2kbps	17.64	17.60	17.58	18.50
HSDPA Subtest-1	16.85	16.73	16.79	17.70
HSDPA Subtest-2	16.69	16.77	16.92	17.70
HSDPA Subtest-3	16.24	16.23	16.30	17.20
HSDPA Subtest-4	16.16	16.20	16.07	17.20
HSUPA Subtest-1	16.71	16.71	16.75	17.70
HSUPA Subtest-2	14.80	14.70	14.81	15.70
HSUPA Subtest-3	15.74	15.77	15.85	16.70
HSUPA Subtest-4	14.92	14.79	14.93	15.70
HSUPA Subtest-5	16.82	16.76	16.78	17.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	19.26	**19.31**	19.30	20.00
AMR 12.2kbps	19.16	19.18	19.16	20.00
HSDPA Subtest-1	18.23	18.32	18.19	19.20
HSDPA Subtest-2	18.21	18.35	18.36	19.20
HSDPA Subtest-3	17.77	17.85	17.94	18.70
HSDPA Subtest-4	17.70	17.80	17.85	18.70
HSUPA Subtest-1	18.44	18.35	18.20	19.20
HSUPA Subtest-2	16.27	16.23	16.38	17.20
HSUPA Subtest-3	17.33	17.26	17.18	18.20
HSUPA Subtest-4	16.21	16.33	16.46	17.20
HSUPA Subtest-5	18.35	18.40	18.28	19.20
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	**24.08**	23.84	23.83	25.00
AMR 12.2kbps	24.04	23.71	23.82	25.00
HSDPA Subtest-1	22.96	22.91	22.84	23.70
HSDPA Subtest-2	22.86	22.88	22.82	23.70
HSDPA Subtest-3	22.49	22.38	22.29	23.20
HSDPA Subtest-4	22.38	22.36	22.45	23.20
HSUPA Subtest-1	22.94	22.91	22.76	23.70
HSUPA Subtest-2	20.88	20.87	20.81	21.70
HSUPA Subtest-3	22.01	21.87	21.83	22.70
HSUPA Subtest-4	20.94	20.88	20.73	21.70
HSUPA Subtest-5	22.87	22.88	22.91	23.70

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.41	**23.54**	23.49	24.50
AMR 12.2kbps	23.36	23.42	23.48	24.50
HSDPA Subtest-1	22.42	22.55	22.59	23.70
HSDPA Subtest-2	22.62	22.54	22.54	23.70
HSDPA Subtest-3	21.89	22.00	21.96	23.20
HSDPA Subtest-4	22.12	22.03	21.92	23.20
HSUPA Subtest-1	22.40	22.53	22.62	23.70
HSUPA Subtest-2	20.50	20.59	20.62	21.70
HSUPA Subtest-3	21.57	21.49	21.64	22.70
HSUPA Subtest-4	20.60	20.56	20.46	21.70
HSUPA Subtest-5	22.72	22.59	22.61	23.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.05	**24.18**	24.14	24.50
AMR 12.2kbps	23.97	24.14	24.12	24.50
HSDPA Subtest-1	23.31	23.16	23.20	23.70
HSDPA Subtest-2	23.24	23.18	23.24	23.70
HSDPA Subtest-3	22.71	22.63	22.61	23.20
HSDPA Subtest-4	22.75	22.62	22.64	23.20
HSUPA Subtest-1	23.18	23.13	23.01	23.70
HSUPA Subtest-2	21.18	21.08	21.14	21.70
HSUPA Subtest-3	22.01	22.07	22.03	22.70
HSUPA Subtest-4	21.13	21.18	21.24	21.70
HSUPA Subtest-5	23.18	23.07	23.09	23.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.00	**24.27**	24.07	25.00
AMR 12.2kbps	24.22	23.94	24.02	25.00
HSDPA Subtest-1	22.97	23.05	23.11	23.70
HSDPA Subtest-2	23.03	23.09	23.09	23.70
HSDPA Subtest-3	22.62	22.57	22.71	23.20
HSDPA Subtest-4	22.45	22.53	22.59	23.20
HSUPA Subtest-1	23.13	23.05	23.02	23.70
HSUPA Subtest-2	20.98	21.05	20.91	21.70
HSUPA Subtest-3	22.08	21.99	21.84	22.70
HSUPA Subtest-4	21.17	21.12	21.15	21.70
HSUPA Subtest-5	22.95	23.08	23.01	23.70

WCDMA-Full Power-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	23.41	**23.54**	23.49	24.50
AMR 12.2kbps	23.36	23.42	23.48	24.50
HSDPA Subtest-1	22.42	22.55	22.59	23.70
HSDPA Subtest-2	22.62	22.54	22.54	23.70
HSDPA Subtest-3	21.89	22.00	21.96	23.20
HSDPA Subtest-4	22.12	22.03	21.92	23.20
HSUPA Subtest-1	22.40	22.53	22.62	23.70
HSUPA Subtest-2	20.50	20.59	20.62	21.70
HSUPA Subtest-3	21.57	21.49	21.64	22.70
HSUPA Subtest-4	20.60	20.56	20.46	21.70
HSUPA Subtest-5	22.72	22.59	22.61	23.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.05	**24.18**	24.14	24.50
AMR 12.2kbps	23.97	24.14	24.12	24.50
HSDPA Subtest-1	23.31	23.16	23.20	23.70
HSDPA Subtest-2	23.24	23.18	23.24	23.70
HSDPA Subtest-3	22.71	22.63	22.61	23.20
HSDPA Subtest-4	22.75	22.62	22.64	23.20
HSUPA Subtest-1	23.18	23.13	23.01	23.70
HSUPA Subtest-2	21.18	21.08	21.14	21.70
HSUPA Subtest-3	22.01	22.07	22.03	22.70
HSUPA Subtest-4	21.13	21.18	21.24	21.70
HSUPA Subtest-5	23.18	23.07	23.09	23.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.00	**24.27**	24.07	25.00
AMR 12.2kbps	24.22	23.94	24.02	25.00
HSDPA Subtest-1	22.97	23.05	23.11	23.70
HSDPA Subtest-2	23.03	23.09	23.09	23.70
HSDPA Subtest-3	22.62	22.57	22.71	23.20
HSDPA Subtest-4	22.45	22.53	22.59	23.20
HSUPA Subtest-1	23.13	23.05	23.02	23.70
HSUPA Subtest-2	20.98	21.05	20.91	21.70
HSUPA Subtest-3	22.08	21.99	21.84	22.70
HSUPA Subtest-4	21.17	21.12	21.15	21.70
HSUPA Subtest-5	22.95	23.08	23.01	23.70

WCDMA-Level2-Ant.0				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	19.68	**19.75**	19.71	20.50
AMR 12.2kbps	19.53	19.73	19.70	20.50
HSDPA Subtest-1	18.70	18.75	18.65	19.70
HSDPA Subtest-2	18.80	18.75	18.64	19.70
HSDPA Subtest-3	18.13	18.24	18.09	19.20
HSDPA Subtest-4	18.25	18.25	18.12	19.20
HSUPA Subtest-1	18.68	18.75	18.66	19.70
HSUPA Subtest-2	16.78	16.74	16.71	17.70
HSUPA Subtest-3	17.81	17.77	17.79	18.70
HSUPA Subtest-4	16.92	16.79	16.86	17.70
HSUPA Subtest-5	18.75	18.76	18.77	19.70
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	20.88	**20.95**	20.92	21.50
AMR 12.2kbps	20.88	20.92	20.82	21.50
HSDPA Subtest-1	19.99	19.96	20.02	20.70
HSDPA Subtest-2	20.07	19.98	20.09	20.70
HSDPA Subtest-3	19.52	19.45	19.59	20.20
HSDPA Subtest-4	19.40	19.47	19.60	20.20
HSUPA Subtest-1	20.07	19.93	19.82	20.70
HSUPA Subtest-2	18.02	17.92	17.88	18.70
HSUPA Subtest-3	19.10	18.95	19.08	19.70
HSUPA Subtest-4	18.07	18.03	18.02	18.70
HSUPA Subtest-5	20.11	19.97	19.99	20.70
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	24.00	**24.27**	24.07	25.00
AMR 12.2kbps	24.22	23.94	24.02	25.00
HSDPA Subtest-1	22.97	23.05	23.11	23.70
HSDPA Subtest-2	23.03	23.09	23.09	23.70
HSDPA Subtest-3	22.62	22.57	22.71	23.20
HSDPA Subtest-4	22.45	22.53	22.59	23.20
HSUPA Subtest-1	23.13	23.05	23.02	23.70
HSUPA Subtest-2	20.98	21.05	20.91	21.70
HSUPA Subtest-3	22.08	21.99	21.84	22.70
HSUPA Subtest-4	21.17	21.12	21.15	21.70
HSUPA Subtest-5	22.95	23.08	23.01	23.70

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8.3.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.08	23.20	22.97	24.00
		MID	QPSK	23.13	23.18	23.04	24.00
		HIGH	QPSK	23.03	23.11	23.40	24.00
	3	LOW	QPSK	23.09	23.04	23.06	24.00
		MID	QPSK	23.31	23.37	23.39	24.00
		HIGH	QPSK	23.27	23.15	23.30	24.00
	6	LOW	QPSK	22.02	22.26	22.34	23.00
1.4	1	LOW	Q16	22.83	22.47	22.28	23.00
		MID	Q16	22.43	22.62	22.65	23.00
		HIGH	Q16	22.54	22.50	22.77	23.00
	3	LOW	Q16	22.34	22.34	22.10	23.00
		MID	Q16	22.12	22.09	22.35	23.00
		HIGH	Q16	22.15	22.17	22.31	23.00
	6	LOW	Q16	21.13	21.06	21.35	22.00
1.4	1	LOW	64QAM	21.82	21.32	21.41	22.00
		MID	64QAM	21.60	21.73	21.59	22.00
		HIGH	64QAM	21.46	21.41	21.78	22.00
	3	LOW	64QAM	21.35	21.13	21.23	22.00
		MID	64QAM	21.21	21.35	21.23	22.00
		HIGH	64QAM	21.27	21.26	21.25	22.00
	6	LOW	64QAM	20.15	20.29	20.33	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.23	23.16	22.86	24.00
		MID	QPSK	23.00	23.16	23.11	24.00
		HIGH	QPSK	22.97	23.23	23.37	24.00
	8	LOW	QPSK	22.15	22.27	22.03	23.00
		MID	QPSK	22.30	22.14	22.22	23.00
		HIGH	QPSK	21.98	22.17	22.26	23.00
	15	LOW	QPSK	22.16	22.26	22.21	23.00
3	1	LOW	Q16	22.81	22.49	22.31	23.00
		MID	Q16	22.67	22.53	22.57	23.00
		HIGH	Q16	22.47	22.37	22.85	23.00
	8	LOW	Q16	21.28	21.12	21.18	22.00
		MID	Q16	21.32	21.37	21.37	22.00
		HIGH	Q16	21.06	21.21	21.39	22.00
	15	LOW	Q16	21.09	21.16	21.12	22.00
3	1	LOW	64QAM	21.66	21.60	21.25	22.00
		MID	64QAM	21.69	21.50	21.52	22.00
		HIGH	64QAM	21.39	21.67	21.62	22.00
	8	LOW	64QAM	20.21	20.09	20.22	21.00
		MID	64QAM	20.30	20.32	20.18	21.00
		HIGH	64QAM	20.02	20.10	20.29	21.00
	15	LOW	64QAM	20.27	20.27	20.31	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.30	23.07	22.87	24.00
		MID	QPSK	22.99	23.26	23.22	24.00
		HIGH	QPSK	22.90	23.09	23.27	24.00
	12	LOW	QPSK	22.15	22.08	22.15	23.00
		MID	QPSK	22.07	22.37	22.26	23.00
		HIGH	QPSK	22.23	22.20	22.25	23.00
	25	LOW	QPSK	22.26	22.15	22.26	23.00
5	1	LOW	Q16	22.81	22.34	22.40	23.00
		MID	Q16	22.62	22.75	22.70	23.00
		HIGH	Q16	22.49	22.44	22.77	23.00
	12	LOW	Q16	21.12	21.35	21.24	22.00
		MID	Q16	21.20	21.31	21.25	22.00
		HIGH	Q16	21.08	21.23	21.33	22.00
	25	LOW	Q16	21.09	21.17	21.32	22.00
5	1	LOW	64QAM	21.85	21.54	21.29	22.00
		MID	64QAM	21.44	21.48	21.72	22.00
		HIGH	64QAM	21.38	21.47	21.86	22.00
	12	LOW	64QAM	20.13	20.33	20.20	21.00
		MID	64QAM	20.31	20.35	20.25	21.00
		HIGH	64QAM	20.06	20.08	20.28	21.00
	25	LOW	64QAM	20.33	20.13	20.27	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.27	23.20	22.99	24.00
		MID	QPSK	23.14	23.27	23.23	24.00
		HIGH	QPSK	22.86	23.06	23.35	24.00
	25	LOW	QPSK	22.11	22.03	22.05	23.00
		MID	QPSK	22.16	22.38	22.31	23.00
		HIGH	QPSK	22.23	22.22	22.37	23.00
	50	LOW	QPSK	22.14	22.11	22.19	23.00
10	1	LOW	Q16	22.89	22.44	22.37	23.00
		MID	Q16	22.70	22.61	22.62	23.00
		HIGH	Q16	22.44	22.44	22.67	23.00
	25	LOW	Q16	21.30	21.35	21.07	22.00
		MID	Q16	21.28	21.10	21.27	22.00
		HIGH	Q16	21.25	21.15	21.24	22.00
	50	LOW	Q16	21.30	21.02	21.33	22.00
10	1	LOW	64QAM	21.82	21.62	21.21	22.00
		MID	64QAM	21.43	21.65	21.42	22.00
		HIGH	64QAM	21.43	21.44	21.64	22.00
	25	LOW	64QAM	20.12	20.09	20.24	21.00
		MID	64QAM	20.29	20.27	20.11	21.00
		HIGH	64QAM	20.15	20.04	20.22	21.00
	50	LOW	64QAM	20.09	20.16	20.15	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	23.09	22.92	23.03	24.00
		MID	QPSK	23.14	23.33	22.94	24.00
		HIGH	QPSK	23.07	23.01	23.37	24.00
	36	LOW	QPSK	22.13	22.16	21.99	23.00
		MID	QPSK	22.16	22.35	22.42	23.00
		HIGH	QPSK	21.98	22.32	22.21	23.00
	75	LOW	QPSK	22.05	22.22	22.23	23.00
15	1	LOW	Q16	22.84	22.58	22.45	23.00
		MID	Q16	22.53	22.52	22.50	23.00
		HIGH	Q16	22.57	22.57	22.76	23.00
	36	LOW	Q16	21.27	21.10	21.20	22.00
		MID	Q16	21.27	21.33	21.15	22.00
		HIGH	Q16	21.23	21.13	21.32	22.00
	75	LOW	Q16	21.21	21.31	21.38	22.00
15	1	LOW	64QAM	21.67	21.48	21.36	22.00
		MID	64QAM	21.56	21.69	21.45	22.00
		HIGH	64QAM	21.65	21.44	21.62	22.00
	36	LOW	64QAM	20.23	20.26	20.13	21.00
		MID	64QAM	20.12	20.38	20.39	21.00
		HIGH	64QAM	20.22	20.30	20.44	21.00
	75	LOW	64QAM	20.23	20.32	20.40	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.18	23.07	22.88	24.00
		MID	QPSK	22.99	23.26	23.09	24.00
		HIGH	QPSK	23.00	23.16	23.27	24.00
	50	LOW	QPSK	22.18	22.13	22.14	23.00
		MID	QPSK	22.17	22.23	22.29	23.00
		HIGH	QPSK	22.13	22.18	22.34	23.00
	100	LOW	QPSK	22.17	22.18	22.24	23.00
20	1	LOW	Q16	22.76	22.47	22.34	23.00
		MID	Q16	22.55	22.60	22.57	23.00
		HIGH	Q16	22.53	22.52	22.77	23.00
	50	LOW	Q16	21.20	21.20	21.15	22.00
		MID	Q16	21.19	21.24	21.26	22.00
		HIGH	Q16	21.15	21.18	21.29	22.00
	100	LOW	Q16	21.24	21.17	21.25	22.00
20	1	LOW	64QAM	21.67	21.49	21.44	22.00
		MID	64QAM	21.41	21.67	21.59	22.00
		HIGH	64QAM	21.47	21.49	21.67	22.00
	50	LOW	64QAM	20.22	20.29	20.08	21.00
		MID	64QAM	20.05	20.33	20.11	21.00
		HIGH	64QAM	20.00	20.17	20.44	21.00
	100	LOW	64QAM	20.23	20.18	20.29	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	12.73	12.70	12.35	14.00
		MID	QPSK	12.64	12.67	12.46	14.00
		HIGH	QPSK	12.60	12.58	12.97	14.00
	3	LOW	QPSK	12.86	12.61	12.64	14.00
		MID	QPSK	12.72	12.79	12.71	14.00
		HIGH	QPSK	12.83	12.63	12.89	14.00
	6	LOW	QPSK	12.72	12.67	12.67	14.00
1.4	1	LOW	Q16	13.55	13.03	13.03	14.00
		MID	Q16	13.21	13.19	13.05	14.00
		HIGH	Q16	13.20	12.99	13.46	14.00
	3	LOW	Q16	12.71	12.82	12.45	14.00
		MID	Q16	12.69	12.95	12.67	14.00
		HIGH	Q16	12.66	12.82	12.83	14.00
	6	LOW	Q16	12.74	12.65	12.85	14.00
1.4	1	LOW	64QAM	13.46	13.16	12.83	14.00
		MID	64QAM	13.31	13.14	13.09	14.00
		HIGH	64QAM	13.30	13.09	13.43	14.00
	3	LOW	64QAM	12.74	12.90	12.57	14.00
		MID	64QAM	12.65	12.91	12.83	14.00
		HIGH	64QAM	12.79	12.71	12.67	14.00
	6	LOW	64QAM	12.90	12.69	12.71	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	12.91	12.61	12.45	14.00
		MID	QPSK	12.73	12.65	12.52	14.00
		HIGH	QPSK	12.52	12.55	12.92	14.00
	8	LOW	QPSK	12.76	12.59	12.55	14.00
		MID	QPSK	12.66	12.82	12.61	14.00
		HIGH	QPSK	12.66	12.69	12.85	14.00
	15	LOW	QPSK	12.85	12.64	12.81	14.00
3	1	LOW	Q16	13.39	12.96	12.87	14.00
		MID	Q16	13.10	13.25	13.01	14.00
		HIGH	Q16	13.29	13.19	13.37	14.00
	8	LOW	Q16	12.88	12.67	12.50	14.00
		MID	Q16	12.89	12.81	12.88	14.00
		HIGH	Q16	12.62	12.80	12.76	14.00
	15	LOW	Q16	12.74	12.89	12.78	14.00
3	1	LOW	64QAM	13.60	12.96	12.77	14.00
		MID	64QAM	13.20	13.10	12.92	14.00
		HIGH	64QAM	13.26	13.24	13.33	14.00
	8	LOW	64QAM	12.81	12.74	12.50	14.00
		MID	64QAM	12.78	12.74	12.65	14.00
		HIGH	64QAM	12.88	12.88	12.74	14.00
	15	LOW	64QAM	12.94	12.60	12.72	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	12.77	12.76	12.47	14.00
		MID	QPSK	12.56	12.69	12.59	14.00
		HIGH	QPSK	12.47	12.60	12.69	14.00
	12	LOW	QPSK	12.66	12.67	12.55	14.00
		MID	QPSK	12.85	12.77	12.64	14.00
		HIGH	QPSK	12.79	12.79	12.64	14.00
	25	LOW	QPSK	12.90	12.61	12.65	14.00
5	1	LOW	Q16	13.62	12.98	12.95	14.00
		MID	Q16	13.06	13.07	13.16	14.00
		HIGH	Q16	13.20	13.12	13.31	14.00
	12	LOW	Q16	12.88	12.71	12.53	14.00
		MID	Q16	12.87	12.94	12.77	14.00
		HIGH	Q16	12.67	12.64	12.65	14.00
	25	LOW	Q16	12.73	12.68	12.81	14.00
5	1	LOW	64QAM	13.47	13.06	12.93	14.00
		MID	64QAM	13.28	13.15	13.08	14.00
		HIGH	64QAM	13.08	13.11	13.32	14.00
	12	LOW	64QAM	12.83	12.86	12.58	14.00
		MID	64QAM	12.70	12.73	12.64	14.00
		HIGH	64QAM	12.83	12.64	12.78	14.00
	25	LOW	64QAM	12.83	12.72	12.61	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	12.84	12.78	12.63	14.00
		MID	QPSK	12.55	12.90	12.71	14.00
		HIGH	QPSK	12.68	12.72	12.81	14.00
	25	LOW	QPSK	12.74	12.74	12.72	14.00
		MID	QPSK	12.68	12.69	12.77	14.00
		HIGH	QPSK	12.65	12.71	12.92	14.00
	50	LOW	QPSK	12.90	12.83	12.74	14.00
10	1	LOW	Q16	13.43	13.17	12.95	14.00
		MID	Q16	13.15	13.15	13.04	14.00
		HIGH	Q16	13.13	12.99	13.27	14.00
	25	LOW	Q16	12.67	12.81	12.47	14.00
		MID	Q16	12.89	12.80	12.63	14.00
		HIGH	Q16	12.77	12.84	12.92	14.00
	50	LOW	Q16	12.82	12.90	12.63	14.00
10	1	LOW	64QAM	13.60	13.26	12.96	14.00
		MID	64QAM	13.30	13.37	12.95	14.00
		HIGH	64QAM	13.16	12.97	13.47	14.00
	25	LOW	64QAM	12.91	12.65	12.53	14.00
		MID	64QAM	12.70	12.98	12.76	14.00
		HIGH	64QAM	12.76	12.63	12.66	14.00
	50	LOW	64QAM	12.82	12.82	12.76	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	12.72	12.56	12.61	14.00
		MID	QPSK	12.72	12.68	12.47	14.00
		HIGH	QPSK	12.74	12.64	12.74	14.00
	36	LOW	QPSK	12.66	12.82	12.62	14.00
		MID	QPSK	12.88	12.76	12.61	14.00
		HIGH	QPSK	12.67	12.59	12.71	14.00
	75	LOW	QPSK	12.67	12.87	12.77	14.00
15	1	LOW	Q16	13.53	13.07	13.05	14.00
		MID	Q16	13.34	13.15	13.17	14.00
		HIGH	Q16	13.21	12.97	13.41	14.00
	36	LOW	Q16	12.87	12.82	12.47	14.00
		MID	Q16	12.64	12.87	12.62	14.00
		HIGH	Q16	12.88	12.60	12.79	14.00
	75	LOW	Q16	12.71	12.80	12.85	14.00
15	1	LOW	64QAM	13.40	13.08	13.01	14.00
		MID	64QAM	13.23	13.35	13.17	14.00
		HIGH	64QAM	13.10	13.27	13.39	14.00
	36	LOW	64QAM	12.71	12.76	12.56	14.00
		MID	64QAM	12.72	12.98	12.61	14.00
		HIGH	64QAM	12.78	12.64	12.67	14.00
	75	LOW	64QAM	12.82	12.78	12.88	14.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	12.79	12.63	12.50	14.00
		MID	QPSK	12.60	**12.85**	12.57	14.00
		HIGH	QPSK	12.59	12.62	12.82	14.00
	50	LOW	QPSK	**12.80**	12.68	12.70	14.00
		MID	QPSK	12.76	12.79	12.73	14.00
		HIGH	QPSK	12.72	12.70	12.78	14.00
	100	LOW	QPSK	**12.75**	12.73	12.74	14.00
20	1	LOW	Q16	13.47	13.11	12.91	14.00
		MID	Q16	13.19	13.22	13.06	14.00
		HIGH	Q16	13.17	13.12	13.32	14.00
	50	LOW	Q16	12.80	12.79	12.60	14.00
		MID	Q16	12.78	12.84	12.76	14.00
		HIGH	Q16	12.74	12.74	12.78	14.00
	100	LOW	Q16	12.80	12.75	12.76	14.00
20	1	LOW	64QAM	13.38	13.00	13.06	14.00
		MID	64QAM	13.06	13.11	13.04	14.00
		HIGH	64QAM	13.13	13.07	13.44	14.00
	50	LOW	64QAM	12.70	12.93	12.61	14.00
		MID	64QAM	12.83	12.78	12.78	14.00
		HIGH	64QAM	12.65	12.62	12.88	14.00
	100	LOW	64QAM	12.67	12.67	12.87	14.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	16.78	16.57	16.51	18.00
		MID	QPSK	16.53	16.80	16.51	18.00
		HIGH	QPSK	16.48	16.70	16.74	18.00
	3	LOW	QPSK	16.65	16.90	16.71	18.00
		MID	QPSK	16.93	16.77	16.79	18.00
		HIGH	QPSK	16.83	16.81	16.66	18.00
	6	LOW	QPSK	16.93	16.60	16.79	18.00
1.4	1	LOW	Q16	17.45	17.10	17.05	18.00
		MID	Q16	17.03	17.13	17.12	18.00
		HIGH	Q16	17.15	17.16	17.31	18.00
	3	LOW	Q16	16.79	16.68	16.49	18.00
		MID	Q16	16.69	16.94	16.84	18.00
		HIGH	Q16	16.85	16.73	16.78	18.00
	6	LOW	Q16	16.95	16.93	16.90	18.00
1.4	1	LOW	64QAM	17.46	17.05	17.06	18.00
		MID	64QAM	17.11	17.12	17.21	18.00
		HIGH	64QAM	17.23	17.00	17.43	18.00
	3	LOW	64QAM	16.84	16.89	16.60	18.00
		MID	64QAM	16.75	16.97	16.75	18.00
		HIGH	64QAM	16.66	16.63	16.84	18.00
	6	LOW	64QAM	16.69	16.64	16.65	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	16.95	16.58	16.44	18.00
		MID	QPSK	16.42	16.91	16.61	18.00
		HIGH	QPSK	16.50	16.71	16.71	18.00
	8	LOW	QPSK	16.91	16.90	16.63	18.00
		MID	QPSK	16.81	16.83	16.72	18.00
		HIGH	QPSK	16.71	16.79	16.84	18.00
	15	LOW	QPSK	16.72	16.64	16.83	18.00
3	1	LOW	Q16	17.28	17.11	16.79	18.00
		MID	Q16	17.08	17.33	17.02	18.00
		HIGH	Q16	17.11	17.02	17.20	18.00
	8	LOW	Q16	16.77	16.91	16.68	18.00
		MID	Q16	16.83	16.71	16.87	18.00
		HIGH	Q16	16.66	16.69	16.66	18.00
	15	LOW	Q16	16.78	16.83	16.64	18.00
3	1	LOW	64QAM	17.28	17.06	16.99	18.00
		MID	64QAM	17.06	17.14	17.09	18.00
		HIGH	64QAM	17.09	17.24	17.24	18.00
	8	LOW	64QAM	16.89	16.81	16.51	18.00
		MID	64QAM	16.92	16.87	16.84	18.00
		HIGH	64QAM	16.76	16.76	16.88	18.00
	15	LOW	64QAM	16.99	16.85	16.73	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	16.77	16.57	16.60	18.00
		MID	QPSK	16.59	16.99	16.43	18.00
		HIGH	QPSK	16.54	16.76	17.00	18.00
	12	LOW	QPSK	16.78	16.70	16.65	18.00
		MID	QPSK	16.79	16.80	16.81	18.00
		HIGH	QPSK	16.68	16.76	16.61	18.00
	25	LOW	QPSK	16.81	16.65	16.91	18.00
5	1	LOW	Q16	17.44	17.01	16.92	18.00
		MID	Q16	17.07	17.04	17.09	18.00
		HIGH	Q16	17.34	16.96	17.41	18.00
	12	LOW	Q16	16.92	16.69	16.61	18.00
		MID	Q16	16.85	16.71	16.84	18.00
		HIGH	Q16	16.87	16.83	16.67	18.00
	25	LOW	Q16	16.94	16.93	16.65	18.00
5	1	LOW	64QAM	17.42	17.21	16.86	18.00
		MID	64QAM	17.04	17.07	17.23	18.00
		HIGH	64QAM	17.07	17.09	17.45	18.00
	12	LOW	64QAM	16.94	16.79	16.68	18.00
		MID	64QAM	16.82	16.91	16.71	18.00
		HIGH	64QAM	16.73	16.76	16.80	18.00
	25	LOW	64QAM	16.75	16.80	16.77	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	16.75	16.79	16.46	18.00
		MID	QPSK	16.45	16.91	16.50	18.00
		HIGH	QPSK	16.67	16.83	16.87	18.00
	25	LOW	QPSK	16.91	16.69	16.59	18.00
		MID	QPSK	16.75	16.74	16.67	18.00
		HIGH	QPSK	16.58	16.82	16.88	18.00
	50	LOW	QPSK	16.95	16.61	16.74	18.00
10	1	LOW	Q16	17.36	16.96	16.93	18.00
		MID	Q16	17.17	17.25	17.00	18.00
		HIGH	Q16	17.14	17.24	17.41	18.00
	25	LOW	Q16	16.86	16.72	16.70	18.00
		MID	Q16	16.92	16.76	16.73	18.00
		HIGH	Q16	16.65	16.68	16.92	18.00
	50	LOW	Q16	16.72	16.82	16.78	18.00
10	1	LOW	64QAM	17.30	17.18	16.81	18.00
		MID	64QAM	17.07	17.15	16.94	18.00
		HIGH	64QAM	17.18	17.01	17.46	18.00
	25	LOW	64QAM	16.86	16.84	16.50	18.00
		MID	64QAM	16.69	16.76	16.65	18.00
		HIGH	64QAM	16.91	16.77	16.75	18.00
	50	LOW	64QAM	16.85	16.91	16.75	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	16.79	16.77	16.40	18.00
		MID	QPSK	16.48	16.73	16.65	18.00
		HIGH	QPSK	16.75	16.63	16.78	18.00
	36	LOW	QPSK	16.66	16.74	16.79	18.00
		MID	QPSK	16.72	16.96	16.86	18.00
		HIGH	QPSK	16.76	16.76	16.91	18.00
	75	LOW	QPSK	16.67	16.63	16.91	18.00
15	1	LOW	Q16	17.49	17.18	16.94	18.00
		MID	Q16	17.17	17.19	16.97	18.00
		HIGH	Q16	17.17	17.00	17.46	18.00
	36	LOW	Q16	16.97	16.92	16.70	18.00
		MID	Q16	16.66	16.79	16.62	18.00
		HIGH	Q16	16.64	16.71	16.67	18.00
	75	LOW	Q16	16.93	16.91	16.68	18.00
15	1	LOW	64QAM	17.25	16.94	16.86	18.00
		MID	64QAM	17.23	17.32	17.16	18.00
		HIGH	64QAM	17.20	17.17	17.36	18.00
	36	LOW	64QAM	16.87	16.78	16.59	18.00
		MID	64QAM	16.71	16.85	16.76	18.00
		HIGH	64QAM	16.66	16.73	16.76	18.00
	75	LOW	64QAM	16.70	16.81	16.82	18.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	16.83	16.71	16.51	18.00
		MID	QPSK	16.57	**16.87**	16.58	18.00
		HIGH	QPSK	16.63	16.72	16.86	18.00
	50	LOW	QPSK	16.78	16.76	16.65	18.00
		MID	QPSK	**16.82**	16.81	16.75	18.00
		HIGH	QPSK	16.73	16.73	16.76	18.00
	100	LOW	QPSK	**16.80**	16.74	16.79	18.00
20	1	LOW	Q16	17.39	17.09	16.92	18.00
		MID	Q16	17.18	17.18	17.08	18.00
		HIGH	Q16	17.19	17.09	17.34	18.00
	50	LOW	Q16	16.84	16.78	16.64	18.00
		MID	Q16	16.81	16.85	16.75	18.00
		HIGH	Q16	16.76	16.77	16.81	18.00
	100	LOW	Q16	16.84	16.78	16.79	18.00
20	1	LOW	64QAM	17.33	17.12	16.99	18.00
		MID	64QAM	17.12	17.10	16.98	18.00
		HIGH	64QAM	17.13	17.22	17.28	18.00
	50	LOW	64QAM	16.81	16.79	16.76	18.00
		MID	64QAM	16.90	16.91	16.82	18.00
		HIGH	64QAM	16.82	16.68	16.92	18.00
	100	LOW	64QAM	16.92	16.66	16.73	18.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.00	22.90	22.86	24.00
		MID	QPSK	22.79	23.12	22.91	24.00
		HIGH	QPSK	22.99	22.87	23.24	24.00
	3	LOW	QPSK	22.92	22.96	23.05	24.00
		MID	QPSK	23.19	23.22	23.18	24.00
		HIGH	QPSK	23.12	23.21	23.17	24.00
	6	LOW	QPSK	22.06	22.21	22.06	23.00
1.4	1	LOW	Q16	22.59	22.53	22.14	23.00
		MID	Q16	22.50	22.58	22.48	23.00
		HIGH	Q16	22.50	22.46	22.66	23.00
	3	LOW	Q16	22.24	22.18	21.85	23.00
		MID	Q16	22.02	22.34	22.20	23.00
		HIGH	Q16	22.14	21.98	21.95	23.00
	6	LOW	Q16	21.08	20.99	21.05	22.00
1.4	1	LOW	64QAM	21.78	21.42	21.29	22.00
		MID	64QAM	21.30	21.44	21.38	22.00
		HIGH	64QAM	21.50	21.43	21.44	22.00
	3	LOW	64QAM	21.11	20.95	20.86	22.00
		MID	64QAM	21.20	21.15	21.05	22.00
		HIGH	64QAM	20.98	21.03	21.17	22.00
	6	LOW	64QAM	20.14	20.01	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.23	22.90	22.72	24.00
		MID	QPSK	22.78	23.09	22.93	24.00
		HIGH	QPSK	22.90	23.05	23.08	24.00
	8	LOW	QPSK	21.93	22.23	22.11	23.00
		MID	QPSK	22.08	22.28	22.11	23.00
		HIGH	QPSK	22.09	22.11	22.28	23.00
	15	LOW	QPSK	22.20	22.05	22.19	23.00
3	1	LOW	Q16	22.76	22.36	22.31	23.00
		MID	Q16	22.34	22.63	22.28	23.00
		HIGH	Q16	22.55	22.38	22.59	23.00
	8	LOW	Q16	20.99	20.98	20.90	22.00
		MID	Q16	21.14	21.25	21.16	22.00
		HIGH	Q16	21.10	21.13	21.10	22.00
	15	LOW	Q16	21.21	21.15	20.97	22.00
3	1	LOW	64QAM	21.53	21.41	21.37	22.00
		MID	64QAM	21.27	21.62	21.33	22.00
		HIGH	64QAM	21.41	21.52	21.62	22.00
	8	LOW	64QAM	20.28	20.10	19.86	21.00
		MID	64QAM	20.04	20.34	20.12	21.00
		HIGH	64QAM	20.12	20.22	20.05	21.00
	15	LOW	64QAM	20.19	19.99	19.95	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.22	22.93	22.81	24.00
		MID	QPSK	22.77	23.06	22.96	24.00
		HIGH	QPSK	23.02	22.98	23.19	24.00
	12	LOW	QPSK	22.17	22.09	22.07	23.00
		MID	QPSK	22.17	22.17	22.21	23.00
		HIGH	QPSK	21.92	22.21	22.10	23.00
	25	LOW	QPSK	21.91	22.20	22.16	23.00
5	1	LOW	Q16	22.71	22.37	22.29	23.00
		MID	Q16	22.34	22.57	22.25	23.00
		HIGH	Q16	22.43	22.50	22.70	23.00
	12	LOW	Q16	21.00	21.11	20.98	22.00
		MID	Q16	21.06	21.06	21.12	22.00
		HIGH	Q16	20.98	21.10	21.02	22.00
	25	LOW	Q16	21.11	21.05	21.16	22.00
5	1	LOW	64QAM	21.67	21.30	21.37	22.00
		MID	64QAM	21.46	21.49	21.44	22.00
		HIGH	64QAM	21.38	21.29	21.70	22.00
	12	LOW	64QAM	19.99	20.15	19.96	21.00
		MID	64QAM	20.04	20.31	20.17	21.00
		HIGH	64QAM	19.94	20.02	20.22	21.00
	25	LOW	64QAM	20.21	19.96	20.10	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	22.87	22.91	24.00
		MID	QPSK	22.99	23.17	22.90	24.00
		HIGH	QPSK	22.86	22.94	23.05	24.00
	25	LOW	QPSK	21.92	22.17	21.98	23.00
		MID	QPSK	22.17	22.12	22.26	23.00
		HIGH	QPSK	21.94	21.93	22.19	23.00
	50	LOW	QPSK	21.94	22.00	22.01	23.00
10	1	LOW	Q16	22.63	22.52	22.24	23.00
		MID	Q16	22.55	22.45	22.28	23.00
		HIGH	Q16	22.47	22.57	22.59	23.00
	25	LOW	Q16	20.99	20.95	20.87	22.00
		MID	Q16	21.24	21.22	21.14	22.00
		HIGH	Q16	20.93	21.01	21.05	22.00
	50	LOW	Q16	21.02	21.01	20.99	22.00
10	1	LOW	64QAM	21.64	21.39	21.23	22.00
		MID	64QAM	21.36	21.51	21.28	22.00
		HIGH	64QAM	21.61	21.41	21.53	22.00
	25	LOW	64QAM	20.05	20.12	20.00	21.00
		MID	64QAM	20.15	20.15	20.02	21.00
		HIGH	64QAM	19.96	20.11	20.02	21.00
	50	LOW	64QAM	20.02	20.21	20.10	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.99	23.00	22.69	24.00
		MID	QPSK	22.94	23.06	23.00	24.00
		HIGH	QPSK	22.88	23.14	22.98	24.00
	36	LOW	QPSK	21.98	22.15	22.11	23.00
		MID	QPSK	21.91	22.05	22.23	23.00
		HIGH	QPSK	21.92	22.21	22.26	23.00
	75	LOW	QPSK	22.17	22.05	21.96	23.00
15	1	LOW	Q16	22.54	22.29	22.12	23.00
		MID	Q16	22.54	22.41	22.29	23.00
		HIGH	Q16	22.48	22.52	22.48	23.00
	36	LOW	Q16	21.09	21.09	20.85	22.00
		MID	Q16	21.13	21.20	21.15	22.00
		HIGH	Q16	21.01	21.07	21.15	22.00
	75	LOW	Q16	21.10	21.12	20.97	22.00
15	1	LOW	64QAM	21.71	21.33	21.37	22.00
		MID	64QAM	21.46	21.54	21.27	22.00
		HIGH	64QAM	21.40	21.56	21.57	22.00
	36	LOW	64QAM	20.16	19.93	19.98	21.00
		MID	64QAM	19.97	20.17	20.10	21.00
		HIGH	64QAM	19.95	20.24	20.21	21.00
	75	LOW	64QAM	19.97	20.21	20.07	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.11	22.97	22.79	24.00
		MID	QPSK	22.87	23.14	22.93	24.00
		HIGH	QPSK	22.90	22.99	23.12	24.00
	50	LOW	QPSK	22.06	22.11	22.02	23.00
		MID	QPSK	22.05	22.16	22.12	23.00
		HIGH	QPSK	22.02	22.07	22.13	23.00
	100	LOW	QPSK	22.06	22.10	22.11	23.00
20	1	LOW	Q16	22.65	22.40	22.24	23.00
		MID	Q16	22.42	22.55	22.37	23.00
		HIGH	Q16	22.47	22.44	22.58	23.00
	50	LOW	Q16	21.13	21.07	21.00	22.00
		MID	Q16	21.09	21.19	21.06	22.00
		HIGH	Q16	21.04	21.09	21.08	22.00
	100	LOW	Q16	21.09	21.08	21.10	22.00
20	1	LOW	64QAM	21.59	21.38	21.29	22.00
		MID	64QAM	21.44	21.49	21.22	22.00
		HIGH	64QAM	21.33	21.59	21.50	22.00
	50	LOW	64QAM	20.24	20.18	20.08	21.00
		MID	64QAM	19.95	20.11	20.20	21.00
		HIGH	64QAM	20.19	20.17	19.98	21.00
	100	LOW	64QAM	20.08	20.04	19.96	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.00	22.90	22.86	24.00
		MID	QPSK	22.79	23.12	22.91	24.00
		HIGH	QPSK	22.99	22.87	23.24	24.00
	3	LOW	QPSK	22.92	22.96	23.05	24.00
		MID	QPSK	23.19	23.22	23.18	24.00
		HIGH	QPSK	23.12	23.21	23.17	24.00
	6	LOW	QPSK	22.06	22.21	22.06	23.00
1.4	1	LOW	Q16	22.59	22.53	22.14	23.00
		MID	Q16	22.50	22.58	22.48	23.00
		HIGH	Q16	22.50	22.46	22.66	23.00
	3	LOW	Q16	22.24	22.18	21.85	23.00
		MID	Q16	22.02	22.34	22.20	23.00
		HIGH	Q16	22.14	21.98	21.95	23.00
	6	LOW	Q16	21.08	20.99	21.05	22.00
1.4	1	LOW	64QAM	21.78	21.42	21.29	22.00
		MID	64QAM	21.30	21.44	21.38	22.00
		HIGH	64QAM	21.50	21.43	21.44	22.00
	3	LOW	64QAM	21.11	20.95	20.86	22.00
		MID	64QAM	21.20	21.15	21.05	22.00
		HIGH	64QAM	20.98	21.03	21.17	22.00
	6	LOW	64QAM	20.14	20.01	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	23.23	22.90	22.72	24.00
		MID	QPSK	22.78	23.09	22.93	24.00
		HIGH	QPSK	22.90	23.05	23.08	24.00
	8	LOW	QPSK	21.93	22.23	22.11	23.00
		MID	QPSK	22.08	22.28	22.11	23.00
		HIGH	QPSK	22.09	22.11	22.28	23.00
	15	LOW	QPSK	22.20	22.05	22.19	23.00
3	1	LOW	Q16	22.76	22.36	22.31	23.00
		MID	Q16	22.34	22.63	22.28	23.00
		HIGH	Q16	22.55	22.38	22.59	23.00
	8	LOW	Q16	20.99	20.98	20.90	22.00
		MID	Q16	21.14	21.25	21.16	22.00
		HIGH	Q16	21.10	21.13	21.10	22.00
	15	LOW	Q16	21.21	21.15	20.97	22.00
3	1	LOW	64QAM	21.53	21.41	21.37	22.00
		MID	64QAM	21.27	21.62	21.33	22.00
		HIGH	64QAM	21.41	21.52	21.62	22.00
	8	LOW	64QAM	20.28	20.10	19.86	21.00
		MID	64QAM	20.04	20.34	20.12	21.00
		HIGH	64QAM	20.12	20.22	20.05	21.00
	15	LOW	64QAM	20.19	19.99	19.95	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	23.22	22.93	22.81	24.00
		MID	QPSK	22.77	23.06	22.96	24.00
		HIGH	QPSK	23.02	22.98	23.19	24.00
	12	LOW	QPSK	22.17	22.09	22.07	23.00
		MID	QPSK	22.17	22.17	22.21	23.00
		HIGH	QPSK	21.92	22.21	22.10	23.00
	25	LOW	QPSK	21.91	22.20	22.16	23.00
5	1	LOW	Q16	22.71	22.37	22.29	23.00
		MID	Q16	22.34	22.57	22.25	23.00
		HIGH	Q16	22.43	22.50	22.70	23.00
	12	LOW	Q16	21.00	21.11	20.98	22.00
		MID	Q16	21.06	21.06	21.12	22.00
		HIGH	Q16	20.98	21.10	21.02	22.00
	25	LOW	Q16	21.11	21.05	21.16	22.00
5	1	LOW	64QAM	21.67	21.30	21.37	22.00
		MID	64QAM	21.46	21.49	21.44	22.00
		HIGH	64QAM	21.38	21.29	21.70	22.00
	12	LOW	64QAM	19.99	20.15	19.96	21.00
		MID	64QAM	20.04	20.31	20.17	21.00
		HIGH	64QAM	19.94	20.02	20.22	21.00
	25	LOW	64QAM	20.21	19.96	20.10	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	23.10	22.87	22.91	24.00
		MID	QPSK	22.99	23.17	22.90	24.00
		HIGH	QPSK	22.86	22.94	23.05	24.00
	25	LOW	QPSK	21.92	22.17	21.98	23.00
		MID	QPSK	22.17	22.12	22.26	23.00
		HIGH	QPSK	21.94	21.93	22.19	23.00
	50	LOW	QPSK	21.94	22.00	22.01	23.00
10	1	LOW	Q16	22.63	22.52	22.24	23.00
		MID	Q16	22.55	22.45	22.28	23.00
		HIGH	Q16	22.47	22.57	22.59	23.00
	25	LOW	Q16	20.99	20.95	20.87	22.00
		MID	Q16	21.24	21.22	21.14	22.00
		HIGH	Q16	20.93	21.01	21.05	22.00
	50	LOW	Q16	21.02	21.01	20.99	22.00
10	1	LOW	64QAM	21.64	21.39	21.23	22.00
		MID	64QAM	21.36	21.51	21.28	22.00
		HIGH	64QAM	21.61	21.41	21.53	22.00
	25	LOW	64QAM	20.05	20.12	20.00	21.00
		MID	64QAM	20.15	20.15	20.02	21.00
		HIGH	64QAM	19.96	20.11	20.02	21.00
	50	LOW	64QAM	20.02	20.21	20.10	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	22.99	23.00	22.69	24.00
		MID	QPSK	22.94	23.06	23.00	24.00
		HIGH	QPSK	22.88	23.14	22.98	24.00
	36	LOW	QPSK	21.98	22.15	22.11	23.00
		MID	QPSK	21.91	22.05	22.23	23.00
		HIGH	QPSK	21.92	22.21	22.26	23.00
	75	LOW	QPSK	22.17	22.05	21.96	23.00
15	1	LOW	Q16	22.54	22.29	22.12	23.00
		MID	Q16	22.54	22.41	22.29	23.00
		HIGH	Q16	22.48	22.52	22.48	23.00
	36	LOW	Q16	21.09	21.09	20.85	22.00
		MID	Q16	21.13	21.20	21.15	22.00
		HIGH	Q16	21.01	21.07	21.15	22.00
	75	LOW	Q16	21.10	21.12	20.97	22.00
15	1	LOW	64QAM	21.71	21.33	21.37	22.00
		MID	64QAM	21.46	21.54	21.27	22.00
		HIGH	64QAM	21.40	21.56	21.57	22.00
	36	LOW	64QAM	20.16	19.93	19.98	21.00
		MID	64QAM	19.97	20.17	20.10	21.00
		HIGH	64QAM	19.95	20.24	20.21	21.00
	75	LOW	64QAM	19.97	20.21	20.07	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	23.11	22.97	22.79	24.00
		MID	QPSK	22.87	**23.14**	22.93	24.00
		HIGH	QPSK	22.90	22.99	23.12	24.00
	50	LOW	QPSK	22.06	22.11	22.02	23.00
		MID	QPSK	22.05	**22.16**	22.12	23.00
		HIGH	QPSK	22.02	22.07	22.13	23.00
	100	LOW	QPSK	22.06	22.10	**22.11**	23.00
20	1	LOW	Q16	22.65	22.40	22.24	23.00
		MID	Q16	22.42	22.55	22.37	23.00
		HIGH	Q16	22.47	22.44	22.58	23.00
	50	LOW	Q16	21.13	21.07	21.00	22.00
		MID	Q16	21.09	21.19	21.06	22.00
		HIGH	Q16	21.04	21.09	21.08	22.00
	100	LOW	Q16	21.09	21.08	21.10	22.00
20	1	LOW	64QAM	21.59	21.38	21.29	22.00
		MID	64QAM	21.44	21.49	21.22	22.00
		HIGH	64QAM	21.33	21.59	21.50	22.00
	50	LOW	64QAM	20.24	20.18	20.08	21.00
		MID	64QAM	19.95	20.11	20.20	21.00
		HIGH	64QAM	20.19	20.17	19.98	21.00
	100	LOW	64QAM	20.08	20.04	19.96	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.33	19.10	19.12	20.50
		MID	QPSK	19.14	19.33	19.28	20.50
		HIGH	QPSK	19.27	19.08	19.52	20.50
	3	LOW	QPSK	19.44	19.36	19.13	20.50
		MID	QPSK	19.24	19.41	19.27	20.50
		HIGH	QPSK	19.36	19.20	19.48	20.50
	6	LOW	QPSK	19.31	19.31	19.36	20.50
1.4	1	LOW	Q16	19.77	19.68	19.55	20.50
		MID	Q16	19.77	19.79	19.77	20.50
		HIGH	Q16	19.61	19.60	19.74	20.50
	3	LOW	Q16	19.29	19.24	19.35	20.50
		MID	Q16	19.30	19.46	19.25	20.50
		HIGH	Q16	19.33	19.46	19.41	20.50
	6	LOW	Q16	19.50	19.20	19.40	20.50
1.4	1	LOW	64QAM	19.86	19.77	19.35	20.50
		MID	64QAM	19.74	19.86	19.68	20.50
		HIGH	64QAM	19.76	19.72	19.80	20.50
	3	LOW	64QAM	19.29	19.43	19.28	20.50
		MID	64QAM	19.38	19.56	19.38	20.50
		HIGH	64QAM	19.30	19.24	19.39	20.50
	6	LOW	64QAM	19.43	19.48	19.27	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	19.30	19.08	19.15	20.50
		MID	QPSK	19.24	19.45	19.30	20.50
		HIGH	QPSK	19.16	19.37	19.47	20.50
	8	LOW	QPSK	19.34	19.35	19.20	20.50
		MID	QPSK	19.34	19.39	19.40	20.50
		HIGH	QPSK	19.19	19.26	19.28	20.50
	15	LOW	QPSK	19.23	19.27	19.47	20.50
3	1	LOW	Q16	19.96	19.47	19.57	20.50
		MID	Q16	19.65	19.60	19.58	20.50
		HIGH	Q16	19.60	19.71	19.72	20.50
	8	LOW	Q16	19.37	19.41	19.34	20.50
		MID	Q16	19.25	19.47	19.31	20.50
		HIGH	Q16	19.30	19.22	19.30	20.50
	15	LOW	Q16	19.27	19.48	19.37	20.50
3	1	LOW	64QAM	19.91	19.49	19.42	20.50
		MID	64QAM	19.71	19.79	19.64	20.50
		HIGH	64QAM	19.65	19.58	19.77	20.50
	8	LOW	64QAM	19.39	19.39	19.38	20.50
		MID	64QAM	19.43	19.54	19.25	20.50
		HIGH	64QAM	19.32	19.31	19.47	20.50
	15	LOW	64QAM	19.35	19.20	19.22	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	19.24	19.07	18.98	20.50
		MID	QPSK	19.23	19.47	19.13	20.50
		HIGH	QPSK	19.14	19.20	19.45	20.50
	12	LOW	QPSK	19.24	19.35	19.20	20.50
		MID	QPSK	19.17	19.36	19.19	20.50
		HIGH	QPSK	19.29	19.18	19.46	20.50
	25	LOW	QPSK	19.25	19.40	19.25	20.50
5	1	LOW	Q16	19.82	19.63	19.56	20.50
		MID	Q16	19.64	19.61	19.72	20.50
		HIGH	Q16	19.78	19.60	19.94	20.50
	12	LOW	Q16	19.47	19.17	19.19	20.50
		MID	Q16	19.24	19.38	19.48	20.50
		HIGH	Q16	19.33	19.44	19.27	20.50
	25	LOW	Q16	19.21	19.25	19.28	20.50
5	1	LOW	64QAM	19.95	19.49	19.46	20.50
		MID	64QAM	19.62	19.66	19.76	20.50
		HIGH	64QAM	19.53	19.63	19.81	20.50
	12	LOW	64QAM	19.36	19.36	19.27	20.50
		MID	64QAM	19.20	19.40	19.44	20.50
		HIGH	64QAM	19.25	19.34	19.29	20.50
	25	LOW	64QAM	19.37	19.37	19.37	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	19.37	19.03	19.04	20.50
		MID	QPSK	19.24	19.23	19.06	20.50
		HIGH	QPSK	19.20	19.33	19.53	20.50
	25	LOW	QPSK	19.33	19.38	19.11	20.50
		MID	QPSK	19.14	19.38	19.21	20.50
		HIGH	QPSK	19.23	19.12	19.28	20.50
	50	LOW	QPSK	19.34	19.26	19.19	20.50
10	1	LOW	Q16	20.00	19.50	19.40	20.50
		MID	Q16	19.69	19.78	19.68	20.50
		HIGH	Q16	19.70	19.68	19.85	20.50
	25	LOW	Q16	19.41	19.22	19.15	20.50
		MID	Q16	19.23	19.52	19.26	20.50
		HIGH	Q16	19.14	19.47	19.41	20.50
	50	LOW	Q16	19.25	19.38	19.44	20.50
10	1	LOW	64QAM	19.96	19.66	19.38	20.50
		MID	64QAM	19.64	19.65	19.50	20.50
		HIGH	64QAM	19.59	19.56	19.91	20.50
	25	LOW	64QAM	19.40	19.27	19.13	20.50
		MID	64QAM	19.17	19.37	19.26	20.50
		HIGH	64QAM	19.17	19.36	19.47	20.50
	50	LOW	64QAM	19.25	19.44	19.23	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	19.25	19.05	18.99	20.50
		MID	QPSK	19.10	19.28	19.23	20.50
		HIGH	QPSK	19.07	19.34	19.27	20.50
	36	LOW	QPSK	19.35	19.39	19.17	20.50
		MID	QPSK	19.31	19.31	19.38	20.50
		HIGH	QPSK	19.17	19.37	19.47	20.50
	75	LOW	QPSK	19.29	19.24	19.46	20.50
15	1	LOW	Q16	19.87	19.57	19.51	20.50
		MID	Q16	19.76	19.73	19.60	20.50
		HIGH	Q16	19.55	19.70	19.92	20.50
	36	LOW	Q16	19.44	19.43	19.27	20.50
		MID	Q16	19.22	19.42	19.26	20.50
		HIGH	Q16	19.35	19.39	19.30	20.50
	75	LOW	Q16	19.25	19.20	19.47	20.50
15	1	LOW	64QAM	19.82	19.60	19.33	20.50
		MID	64QAM	19.73	19.70	19.56	20.50
		HIGH	64QAM	19.72	19.54	19.93	20.50
	36	LOW	64QAM	19.21	19.41	19.27	20.50
		MID	64QAM	19.23	19.39	19.43	20.50
		HIGH	64QAM	19.13	19.30	19.35	20.50
	75	LOW	64QAM	19.35	19.20	19.43	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	**19.38**	19.18	19.01	20.50
		MID	QPSK	19.12	**19.38**	19.18	20.50
		HIGH	QPSK	19.17	19.22	19.37	20.50
	50	LOW	QPSK	19.32	19.29	19.23	20.50
		MID	QPSK	19.28	**19.39**	19.32	20.50
		HIGH	QPSK	19.27	19.27	19.37	20.50
	100	LOW	QPSK	19.28	19.32	**19.34**	20.50
20	1	LOW	Q16	19.91	19.62	19.43	20.50
		MID	Q16	19.67	19.73	19.62	20.50
		HIGH	Q16	19.67	19.68	19.85	20.50
	50	LOW	Q16	19.32	19.32	19.24	20.50
		MID	Q16	19.28	19.41	19.34	20.50
		HIGH	Q16	19.27	19.37	19.36	20.50
	100	LOW	Q16	19.35	19.33	19.36	20.50
20	1	LOW	64QAM	19.93	19.63	19.35	20.50
		MID	64QAM	19.66	19.76	19.70	20.50
		HIGH	64QAM	19.68	19.66	19.99	20.50
	50	LOW	64QAM	19.23	19.28	19.15	20.50
		MID	64QAM	19.23	19.47	19.37	20.50
		HIGH	64QAM	19.28	19.47	19.50	20.50
	100	LOW	64QAM	19.45	19.30	19.31	20.50

8.3.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.87	23.94	23.82	24.80
		MID	QPSK	23.96	24.02	23.78	24.80
		HIGH	QPSK	23.97	23.91	23.88	24.80
	3	LOW	QPSK	23.78	23.89	24.02	24.80
		MID	QPSK	24.05	23.99	24.09	24.80
		HIGH	QPSK	23.92	24.18	24.18	24.80
	6	LOW	QPSK	23.12	22.96	23.07	23.80
1.4	1	LOW	Q16	23.30	23.52	23.37	23.80
		MID	Q16	23.49	23.42	23.34	23.80
		HIGH	Q16	23.29	23.46	23.25	23.80
	3	LOW	Q16	22.83	23.09	22.83	23.80
		MID	Q16	23.00	23.14	23.03	23.80
		HIGH	Q16	22.85	23.19	22.96	23.80
	6	LOW	Q16	22.03	21.95	21.96	22.80
1.4	1	LOW	64QAM	22.45	22.54	22.35	22.80
		MID	64QAM	22.51	22.41	22.50	22.80
		HIGH	64QAM	22.41	22.25	22.43	22.80
	3	LOW	64QAM	21.92	21.98	21.91	22.80
		MID	64QAM	22.03	22.15	22.02	22.80
		HIGH	64QAM	21.98	22.00	22.11	22.80
	6	LOW	64QAM	20.94	21.09	20.96	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.93	24.01	23.80	24.80
		MID	QPSK	23.98	24.17	24.02	24.80
		HIGH	QPSK	23.96	24.07	23.84	24.80
	8	LOW	QPSK	22.88	22.86	23.05	23.80
		MID	QPSK	22.96	23.16	22.92	23.80
		HIGH	QPSK	22.95	22.89	22.96	23.80
	15	LOW	QPSK	22.89	23.11	23.00	23.80
3	1	LOW	Q16	23.37	23.37	23.25	23.80
		MID	Q16	23.54	23.31	23.40	23.80
		HIGH	Q16	23.48	23.23	23.49	23.80
	8	LOW	Q16	21.82	22.00	21.84	22.80
		MID	Q16	21.91	22.08	22.00	22.80
		HIGH	Q16	21.95	22.05	22.13	22.80
	15	LOW	Q16	22.08	21.94	22.07	22.80
3	1	LOW	64QAM	22.54	22.29	22.34	22.80
		MID	64QAM	22.46	22.27	22.41	22.80
		HIGH	64QAM	22.38	22.43	22.49	22.80
	8	LOW	64QAM	20.95	20.93	21.05	21.80
		MID	64QAM	20.95	21.20	21.04	21.80
		HIGH	64QAM	21.07	21.15	21.04	21.80
	15	LOW	64QAM	20.99	20.94	20.93	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	24.07	23.90	24.05	24.80
		MID	QPSK	23.79	23.97	23.79	24.80
		HIGH	QPSK	23.90	24.11	23.89	24.80
	12	LOW	QPSK	23.00	23.04	22.86	23.80
		MID	QPSK	23.14	22.95	23.06	23.80
		HIGH	QPSK	23.07	23.17	22.99	23.80
	25	LOW	QPSK	22.88	23.07	22.97	23.80
5	1	LOW	Q16	23.56	23.49	23.26	23.80
		MID	Q16	23.50	23.30	23.44	23.80
		HIGH	Q16	23.48	23.30	23.53	23.80
	12	LOW	Q16	21.91	21.95	21.96	22.80
		MID	Q16	22.12	22.08	22.08	22.80
		HIGH	Q16	22.08	22.09	21.94	22.80
	25	LOW	Q16	22.07	22.18	22.03	22.80
5	1	LOW	64QAM	22.34	22.53	22.31	22.80
		MID	64QAM	22.26	22.44	22.25	22.80
		HIGH	64QAM	22.51	22.30	22.38	22.80
	12	LOW	64QAM	21.06	21.12	20.86	21.80
		MID	64QAM	20.96	21.05	20.95	21.80
		HIGH	64QAM	20.91	20.91	20.96	21.80
	25	LOW	64QAM	21.09	21.04	21.01	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	23.89	24.10	24.03	24.80
		MID	QPSK	23.82	23.95	23.91	24.80
		HIGH	QPSK	23.84	24.18	23.92	24.80
	25	LOW	QPSK	22.84	22.87	22.99	23.80
		MID	QPSK	22.99	23.04	23.18	23.80
		HIGH	QPSK	22.86	22.96	23.00	23.80
	50	LOW	QPSK	23.10	22.89	22.91	23.80
10	1	LOW	Q16	23.30	23.46	23.25	23.80
		MID	Q16	23.52	23.18	23.40	23.80
		HIGH	Q16	23.40	23.44	23.30	23.80
	25	LOW	Q16	21.83	21.94	21.95	22.80
		MID	Q16	22.05	22.22	22.06	22.80
		HIGH	Q16	21.93	22.07	22.12	22.80
	50	LOW	Q16	22.04	22.01	21.97	22.80
10	1	LOW	64QAM	22.53	22.33	22.32	22.80
		MID	64QAM	22.44	22.41	22.29	22.80
		HIGH	64QAM	22.39	22.44	22.35	22.80
	25	LOW	64QAM	20.96	20.92	20.88	21.80
		MID	64QAM	21.03	21.18	20.88	21.80
		HIGH	64QAM	21.09	20.98	21.01	21.80
	50	LOW	64QAM	20.93	21.09	20.90	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	23.78	23.89	23.91	24.80
		MID	QPSK	23.92	24.13	23.94	24.80
		HIGH	QPSK	24.03	24.02	23.96	24.80
	36	LOW	QPSK	22.83	23.00	22.99	23.80
		MID	QPSK	23.14	23.09	23.16	23.80
		HIGH	QPSK	23.15	22.99	23.18	23.80
	75	LOW	QPSK	22.87	22.95	22.90	23.80
15	1	LOW	Q16	23.46	23.44	23.25	23.80
		MID	Q16	23.30	23.16	23.34	23.80
		HIGH	Q16	23.47	23.34	23.47	23.80
	36	LOW	Q16	22.09	21.88	21.84	22.80
		MID	Q16	22.14	22.00	21.93	22.80
		HIGH	Q16	22.03	22.02	22.08	22.80
	75	LOW	Q16	21.99	22.18	21.86	22.80
15	1	LOW	64QAM	22.52	22.50	22.39	22.80
		MID	64QAM	22.32	22.34	22.41	22.80
		HIGH	64QAM	22.57	22.32	22.38	22.80
	36	LOW	64QAM	21.03	21.00	21.01	21.80
		MID	64QAM	21.15	20.98	21.16	21.80
		HIGH	64QAM	21.08	21.01	20.86	21.80
	75	LOW	64QAM	21.11	21.02	21.01	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.92	23.98	23.94	24.80
		MID	QPSK	23.89	24.02	23.93	24.80
		HIGH	QPSK	23.92	24.03	23.94	24.80
	50	LOW	QPSK	22.88	22.93	22.98	23.80
		MID	QPSK	23.02	23.03	23.05	23.80
		HIGH	QPSK	23.01	23.04	23.05	23.80
	100	LOW	QPSK	23.01	23.01	22.97	23.80
20	1	LOW	Q16	23.42	23.39	23.40	23.80
		MID	Q16	23.40	23.30	23.36	23.80
		HIGH	Q16	23.43	23.33	23.39	23.80
	50	LOW	Q16	21.97	21.97	21.93	22.80
		MID	Q16	22.03	22.07	22.03	22.80
		HIGH	Q16	21.99	22.06	22.01	22.80
	100	LOW	Q16	22.01	22.04	21.94	22.80
20	1	LOW	64QAM	22.35	22.35	22.54	22.80
		MID	64QAM	22.50	22.17	22.21	22.80
		HIGH	64QAM	22.56	22.37	22.51	22.80
	50	LOW	64QAM	20.83	21.06	20.92	21.80
		MID	64QAM	20.98	21.16	21.10	21.80
		HIGH	64QAM	21.12	21.20	20.92	21.80
	100	LOW	64QAM	21.09	21.08	20.95	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.18	14.08	13.93	15.30
		MID	QPSK	14.07	13.88	13.96	15.30
		HIGH	QPSK	14.13	14.10	14.05	15.30
	3	LOW	QPSK	14.10	13.97	14.06	15.30
		MID	QPSK	14.10	14.23	13.98	15.30
		HIGH	QPSK	14.11	14.30	14.06	15.30
	6	LOW	QPSK	14.23	14.17	14.16	15.30
1.4	1	LOW	Q16	14.40	14.66	14.43	15.30
		MID	Q16	14.32	14.52	14.47	15.30
		HIGH	Q16	14.52	14.71	14.63	15.30
	3	LOW	Q16	14.19	14.03	13.98	15.30
		MID	Q16	14.03	14.17	14.07	15.30
		HIGH	Q16	14.08	14.12	14.27	15.30
	6	LOW	Q16	14.14	14.23	14.13	15.30
1.4	1	LOW	64QAM	14.49	14.83	14.54	15.30
		MID	64QAM	14.49	14.76	14.54	15.30
		HIGH	64QAM	14.49	14.70	14.66	15.30
	3	LOW	64QAM	14.10	14.25	13.97	15.30
		MID	64QAM	14.08	14.08	14.13	15.30
		HIGH	64QAM	14.20	14.22	14.02	15.30
	6	LOW	64QAM	14.22	13.97	14.09	15.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	14.04	14.03	14.09	15.30
		MID	QPSK	13.92	14.17	14.16	15.30
		HIGH	QPSK	14.02	13.98	14.15	15.30
	8	LOW	QPSK	14.17	14.23	14.06	15.30
		MID	QPSK	14.23	14.14	14.10	15.30
		HIGH	QPSK	14.06	14.29	14.03	15.30
	15	LOW	QPSK	14.28	13.91	14.08	15.30
3	1	LOW	Q16	14.37	14.72	14.51	15.30
		MID	Q16	14.46	14.76	14.63	15.30
		HIGH	Q16	14.61	14.83	14.58	15.30
	8	LOW	Q16	14.08	14.11	14.18	15.30
		MID	Q16	14.14	14.09	14.33	15.30
		HIGH	Q16	14.07	14.28	14.07	15.30
	15	LOW	Q16	14.01	14.20	14.06	15.30
3	1	LOW	64QAM	14.39	14.55	14.49	15.30
		MID	64QAM	14.53	14.66	14.63	15.30
		HIGH	64QAM	14.61	14.68	14.70	15.30
	8	LOW	64QAM	14.02	13.99	14.17	15.30
		MID	64QAM	14.14	14.07	14.24	15.30
		HIGH	64QAM	14.22	14.19	14.30	15.30
	15	LOW	64QAM	14.18	14.22	14.05	15.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	14.15	14.01	14.07	15.30
		MID	QPSK	13.89	14.05	14.12	15.30
		HIGH	QPSK	14.11	14.11	14.15	15.30
	12	LOW	QPSK	13.97	14.02	14.17	15.30
		MID	QPSK	14.26	14.10	14.14	15.30
		HIGH	QPSK	14.29	14.12	14.20	15.30
	25	LOW	QPSK	14.11	14.12	13.95	15.30
5	1	LOW	Q16	14.57	14.80	14.43	15.30
		MID	Q16	14.55	14.60	14.44	15.30
		HIGH	Q16	14.59	14.57	14.70	15.30
	12	LOW	Q16	13.93	14.07	13.99	15.30
		MID	Q16	14.05	14.17	14.13	15.30
		HIGH	Q16	14.15	14.24	14.30	15.30
	25	LOW	Q16	14.03	14.18	14.19	15.30
5	1	LOW	64QAM	14.44	14.56	14.49	15.30
		MID	64QAM	14.54	14.51	14.57	15.30
		HIGH	64QAM	14.56	14.73	14.48	15.30
	12	LOW	64QAM	14.05	14.06	14.10	15.30
		MID	64QAM	14.01	14.16	14.06	15.30
		HIGH	64QAM	14.22	14.25	14.28	15.30
	25	LOW	64QAM	14.19	14.22	13.94	15.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	13.95	13.95	14.03	15.30
		MID	QPSK	13.89	14.06	14.03	15.30
		HIGH	QPSK	13.89	14.00	14.19	15.30
	25	LOW	QPSK	14.21	13.99	14.20	15.30
		MID	QPSK	14.13	14.14	14.04	15.30
		HIGH	QPSK	14.24	14.07	14.20	15.30
	50	LOW	QPSK	14.12	14.19	13.96	15.30
10	1	LOW	Q16	14.61	14.74	14.53	15.30
		MID	Q16	14.37	14.65	14.45	15.30
		HIGH	Q16	14.35	14.55	14.68	15.30
	25	LOW	Q16	14.12	14.10	14.01	15.30
		MID	Q16	14.21	13.97	14.11	15.30
		HIGH	Q16	14.14	14.20	14.08	15.30
	50	LOW	Q16	14.01	13.96	14.09	15.30
10	1	LOW	64QAM	14.46	14.66	14.66	15.30
		MID	64QAM	14.34	14.75	14.59	15.30
		HIGH	64QAM	14.36	14.53	14.44	15.30
	25	LOW	64QAM	13.94	14.14	14.24	15.30
		MID	64QAM	14.07	14.01	14.21	15.30
		HIGH	64QAM	14.12	14.28	14.24	15.30
	50	LOW	64QAM	14.17	14.19	13.94	15.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	13.94	14.03	14.01	15.30
		MID	QPSK	14.00	13.92	14.09	15.30
		HIGH	QPSK	14.17	14.17	14.13	15.30
	36	LOW	QPSK	14.24	13.96	14.24	15.30
		MID	QPSK	14.24	14.05	14.13	15.30
		HIGH	QPSK	14.02	14.14	14.22	15.30
	75	LOW	QPSK	14.03	14.19	13.95	15.30
15	1	LOW	Q16	14.54	14.62	14.40	15.30
		MID	Q16	14.56	14.74	14.45	15.30
		HIGH	Q16	14.50	14.62	14.60	15.30
	36	LOW	Q16	13.93	14.04	14.07	15.30
		MID	Q16	14.18	13.98	14.28	15.30
		HIGH	Q16	14.27	14.20	14.24	15.30
	75	LOW	Q16	14.04	14.09	14.12	15.30
15	1	LOW	64QAM	14.52	14.77	14.59	15.30
		MID	64QAM	14.49	14.55	14.65	15.30
		HIGH	64QAM	14.35	14.75	14.64	15.30
	36	LOW	64QAM	14.13	14.21	14.21	15.30
		MID	64QAM	14.27	13.99	14.36	15.30
		HIGH	64QAM	14.27	14.23	14.12	15.30
	75	LOW	64QAM	14.22	14.18	14.20	15.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	14.04	14.07	**14.08**	15.30
		MID	QPSK	13.95	14.02	14.04	15.30
		HIGH	QPSK	14.03	14.07	14.06	15.30
	50	LOW	QPSK	14.09	14.08	14.10	15.30
		MID	QPSK	**14.19**	14.10	14.10	15.30
		HIGH	QPSK	14.14	14.18	14.15	15.30
	100	LOW	QPSK	**14.16**	14.06	14.10	15.30
20	1	LOW	Q16	14.47	14.68	14.54	15.30
		MID	Q16	14.43	14.61	14.56	15.30
		HIGH	Q16	14.48	14.68	14.58	15.30
	50	LOW	Q16	14.05	14.10	14.12	15.30
		MID	Q16	14.12	14.11	14.21	15.30
		HIGH	Q16	14.13	14.18	14.17	15.30
	100	LOW	Q16	14.16	14.08	14.07	15.30
20	1	LOW	64QAM	14.44	14.75	14.40	15.30
		MID	64QAM	14.36	14.68	14.46	15.30
		HIGH	64QAM	14.56	14.80	14.53	15.30
	50	LOW	64QAM	13.95	14.19	14.26	15.30
		MID	64QAM	14.03	14.18	14.26	15.30
		HIGH	64QAM	14.21	14.18	14.17	15.30
	100	LOW	64QAM	14.14	14.10	14.02	15.30

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.99	18.87	19.20	20.30
		MID	QPSK	19.05	18.97	19.14	20.30
		HIGH	QPSK	18.96	19.18	19.21	20.30
	3	LOW	QPSK	19.21	19.14	19.20	20.30
		MID	QPSK	19.26	19.01	19.19	20.30
		HIGH	QPSK	19.03	19.12	19.03	20.30
	6	LOW	QPSK	19.24	19.21	19.00	20.30
1.4	1	LOW	Q16	19.37	19.71	19.56	20.30
		MID	Q16	19.46	19.45	19.43	20.30
		HIGH	Q16	19.66	19.77	19.58	20.30
	3	LOW	Q16	18.94	19.08	19.09	20.30
		MID	Q16	19.06	19.11	19.29	20.30
		HIGH	Q16	19.09	19.24	19.31	20.30
	6	LOW	Q16	19.06	19.23	19.12	20.30
1.4	1	LOW	64QAM	19.50	19.56	19.58	20.30
		MID	64QAM	19.51	19.61	19.39	20.30
		HIGH	64QAM	19.54	19.73	19.69	20.30
	3	LOW	64QAM	18.93	19.11	19.13	20.30
		MID	64QAM	19.23	19.28	19.16	20.30
		HIGH	64QAM	19.12	19.32	19.33	20.30
	6	LOW	64QAM	19.28	19.17	19.25	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.05	19.10	19.06	20.30
		MID	QPSK	18.93	18.96	19.24	20.30
		HIGH	QPSK	19.07	19.24	19.24	20.30
	8	LOW	QPSK	19.03	19.09	19.19	20.30
		MID	QPSK	19.21	19.13	19.10	20.30
		HIGH	QPSK	18.99	19.29	19.28	20.30
	15	LOW	QPSK	19.10	19.16	19.05	20.30
3	1	LOW	Q16	19.55	19.58	19.58	20.30
		MID	Q16	19.54	19.50	19.34	20.30
		HIGH	Q16	19.39	19.65	19.55	20.30
	8	LOW	Q16	19.16	18.97	19.09	20.30
		MID	Q16	19.30	19.26	19.33	20.30
		HIGH	Q16	19.12	19.23	19.07	20.30
	15	LOW	Q16	19.28	19.22	19.24	20.30
3	1	LOW	64QAM	19.61	19.51	19.49	20.30
		MID	64QAM	19.58	19.52	19.48	20.30
		HIGH	64QAM	19.62	19.67	19.69	20.30
	8	LOW	64QAM	18.95	19.04	19.14	20.30
		MID	64QAM	19.14	19.18	19.34	20.30
		HIGH	64QAM	19.08	19.16	19.25	20.30
	15	LOW	64QAM	19.17	19.24	19.13	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.11	19.04	19.12	20.30
		MID	QPSK	18.90	19.01	19.09	20.30
		HIGH	QPSK	18.97	19.07	19.19	20.30
	12	LOW	QPSK	19.04	19.04	19.24	20.30
		MID	QPSK	19.02	19.14	19.11	20.30
		HIGH	QPSK	19.21	19.28	19.04	20.30
	25	LOW	QPSK	19.09	19.32	19.01	20.30
5	1	LOW	Q16	19.46	19.63	19.56	20.30
		MID	Q16	19.36	19.68	19.49	20.30
		HIGH	Q16	19.66	19.61	19.55	20.30
	12	LOW	Q16	19.20	19.18	19.02	20.30
		MID	Q16	19.14	19.30	19.21	20.30
		HIGH	Q16	19.05	19.20	19.20	20.30
	25	LOW	Q16	19.23	19.16	19.01	20.30
5	1	LOW	64QAM	19.62	19.53	19.63	20.30
		MID	64QAM	19.58	19.49	19.60	20.30
		HIGH	64QAM	19.38	19.76	19.44	20.30
	12	LOW	64QAM	19.15	18.96	19.26	20.30
		MID	64QAM	19.20	19.18	19.35	20.30
		HIGH	64QAM	19.08	19.07	19.25	20.30
	25	LOW	64QAM	19.25	19.24	18.99	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	18.89	18.88	19.20	20.30
		MID	QPSK	19.11	18.99	19.02	20.30
		HIGH	QPSK	18.95	19.09	19.14	20.30
	25	LOW	QPSK	19.02	19.11	19.18	20.30
		MID	QPSK	19.07	19.21	19.25	20.30
		HIGH	QPSK	19.24	19.17	19.29	20.30
	50	LOW	QPSK	19.08	19.16	19.19	20.30
10	1	LOW	Q16	19.38	19.60	19.55	20.30
		MID	Q16	19.60	19.59	19.51	20.30
		HIGH	Q16	19.58	19.74	19.71	20.30
	25	LOW	Q16	19.21	19.06	19.20	20.30
		MID	Q16	19.03	19.34	19.12	20.30
		HIGH	Q16	19.21	19.03	19.16	20.30
	50	LOW	Q16	19.12	19.20	19.01	20.30
10	1	LOW	64QAM	19.36	19.61	19.49	20.30
		MID	64QAM	19.61	19.53	19.40	20.30
		HIGH	64QAM	19.62	19.61	19.61	20.30
	25	LOW	64QAM	19.23	19.26	19.28	20.30
		MID	64QAM	19.07	19.07	19.13	20.30
		HIGH	64QAM	19.24	19.33	19.32	20.30
	50	LOW	64QAM	19.27	19.33	19.17	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	19.10	19.09	19.10	20.30
		MID	QPSK	19.03	18.96	19.19	20.30
		HIGH	QPSK	19.13	19.02	19.18	20.30
	36	LOW	QPSK	19.19	18.99	19.02	20.30
		MID	QPSK	19.20	19.20	19.11	20.30
		HIGH	QPSK	19.04	19.16	19.20	20.30
	75	LOW	QPSK	19.26	19.15	19.15	20.30
15	1	LOW	Q16	19.41	19.75	19.39	20.30
		MID	Q16	19.44	19.46	19.34	20.30
		HIGH	Q16	19.57	19.78	19.45	20.30
	36	LOW	Q16	18.99	19.00	19.03	20.30
		MID	Q16	19.28	19.32	19.24	20.30
		HIGH	Q16	18.98	19.33	19.28	20.30
	75	LOW	Q16	19.14	19.32	19.07	20.30
15	1	LOW	64QAM	19.45	19.48	19.40	20.30
		MID	64QAM	19.48	19.67	19.57	20.30
		HIGH	64QAM	19.48	19.66	19.52	20.30
	36	LOW	64QAM	19.14	19.00	19.06	20.30
		MID	64QAM	19.05	19.24	19.22	20.30
		HIGH	64QAM	19.03	19.12	19.21	20.30
	75	LOW	64QAM	19.24	19.18	19.15	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	19.01	19.02	**19.15**	20.30
		MID	QPSK	19.00	18.98	19.13	20.30
		HIGH	QPSK	19.06	19.09	19.11	20.30
	50	LOW	QPSK	19.07	19.09	19.12	20.30
		MID	QPSK	19.15	19.15	**19.22**	20.30
		HIGH	QPSK	19.14	19.17	19.16	20.30
	100	LOW	QPSK	19.16	**19.17**	19.09	20.30
20	1	LOW	Q16	19.48	19.62	19.49	20.30
		MID	Q16	19.48	19.55	19.48	20.30
		HIGH	Q16	19.52	19.65	19.56	20.30
	50	LOW	Q16	19.08	19.11	19.15	20.30
		MID	Q16	19.15	19.21	19.23	20.30
		HIGH	Q16	19.13	19.18	19.19	20.30
	100	LOW	Q16	19.18	19.21	19.11	20.30
20	1	LOW	64QAM	19.39	19.51	19.42	20.30
		MID	64QAM	19.53	19.47	19.34	20.30
		HIGH	64QAM	19.57	19.54	19.56	20.30
	50	LOW	64QAM	19.17	19.06	19.11	20.30
		MID	64QAM	19.30	19.35	19.20	20.30
		HIGH	64QAM	19.04	19.14	19.34	20.30
	100	LOW	64QAM	19.19	19.17	19.15	20.30

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.07	24.10	24.05	24.80
		MID	QPSK	24.02	23.89	23.91	24.80
		HIGH	QPSK	22.88	23.01	22.99	24.80
	3	LOW	QPSK	24.03	23.92	24.10	24.80
		MID	QPSK	23.99	23.92	23.97	24.80
		HIGH	QPSK	24.03	23.96	24.09	24.80
	6	LOW	QPSK	23.59	23.38	23.42	23.80
1.4	1	LOW	Q16	23.34	23.53	23.34	23.80
		MID	Q16	23.58	23.30	23.53	23.80
		HIGH	Q16	21.84	22.14	21.88	23.80
	3	LOW	Q16	22.99	23.14	23.05	23.80
		MID	Q16	23.21	23.00	23.17	23.80
		HIGH	Q16	23.17	23.03	23.03	23.80
	6	LOW	Q16	22.53	22.33	21.95	22.80
1.4	1	LOW	64QAM	22.51	22.49	22.34	22.80
		MID	64QAM	22.39	22.29	22.39	22.80
		HIGH	64QAM	20.86	21.09	20.87	22.80
	3	LOW	64QAM	22.20	22.21	21.96	22.80
		MID	64QAM	22.08	22.22	22.10	22.80
		HIGH	64QAM	22.20	22.09	22.18	22.80
	6	LOW	64QAM	21.60	21.38	21.23	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.89	23.85	23.95	24.80
		MID	QPSK	23.90	24.10	23.86	24.80
		HIGH	QPSK	22.81	22.85	23.08	24.80
	8	LOW	QPSK	23.06	23.17	22.97	23.80
		MID	QPSK	23.16	23.08	23.17	23.80
		HIGH	QPSK	23.05	23.01	23.06	23.80
	15	LOW	QPSK	23.45	23.39	23.52	23.80
3	1	LOW	Q16	23.32	23.41	23.24	23.80
		MID	Q16	23.62	23.52	23.44	23.80
		HIGH	Q16	21.84	21.98	21.94	23.80
	8	LOW	Q16	22.03	22.25	22.25	22.80
		MID	Q16	22.01	21.97	22.01	22.80
		HIGH	Q16	22.17	21.92	21.91	22.80
	15	LOW	Q16	22.62	22.36	22.05	22.80
3	1	LOW	64QAM	22.32	22.53	22.31	22.80
		MID	64QAM	22.42	22.39	22.58	22.80
		HIGH	64QAM	20.94	20.99	20.97	22.80
	8	LOW	64QAM	20.95	21.09	21.04	22.80
		MID	64QAM	21.08	21.13	21.11	22.80
		HIGH	64QAM	21.04	21.07	20.92	22.80
	15	LOW	64QAM	21.60	21.59	21.08	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	24.02	24.03	24.80
		MID	QPSK	23.88	23.91	23.89	24.80
		HIGH	QPSK	22.82	23.02	23.01	24.80
	12	LOW	QPSK	23.17	23.18	23.15	23.80
		MID	QPSK	22.92	23.03	23.05	23.80
		HIGH	QPSK	23.12	22.94	23.07	23.80
	25	LOW	QPSK	23.46	23.24	23.49	23.80
5	1	LOW	Q16	23.37	23.48	23.53	23.80
		MID	Q16	23.56	23.51	23.39	23.80
		HIGH	Q16	21.97	22.02	21.87	23.80
	12	LOW	Q16	22.19	22.02	22.24	22.80
		MID	Q16	22.16	22.23	22.09	22.80
		HIGH	Q16	22.23	22.07	22.02	22.80
	25	LOW	Q16	22.67	22.55	22.22	22.80
5	1	LOW	64QAM	22.47	22.37	22.25	22.80
		MID	64QAM	22.62	22.32	22.36	22.80
		HIGH	64QAM	20.93	21.08	21.15	22.80
	12	LOW	64QAM	21.14	21.15	21.14	21.80
		MID	64QAM	21.18	21.16	21.17	21.80
		HIGH	64QAM	21.04	21.14	20.90	21.80
	25	LOW	64QAM	21.52	21.46	21.16	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.07	23.90	24.09	24.80
		MID	QPSK	23.86	23.89	24.07	24.80
		HIGH	QPSK	23.01	22.97	22.88	24.80
	25	LOW	QPSK	23.11	23.15	23.13	23.80
		MID	QPSK	22.98	22.91	23.02	23.80
		HIGH	QPSK	23.04	23.18	23.03	23.80
	50	LOW	QPSK	23.54	23.35	23.54	23.80
10	1	LOW	Q16	23.41	23.46	23.24	23.80
		MID	Q16	23.38	23.57	23.35	23.80
		HIGH	Q16	22.12	22.12	21.93	23.80
	25	LOW	Q16	22.17	22.07	22.03	22.80
		MID	Q16	22.07	22.10	21.90	22.80
		HIGH	Q16	22.09	22.02	21.94	22.80
	50	LOW	Q16	22.49	22.63	22.02	22.80
10	1	LOW	64QAM	22.60	22.33	22.45	22.80
		MID	64QAM	22.58	22.28	22.36	22.80
		HIGH	64QAM	20.83	21.02	21.01	22.80
	25	LOW	64QAM	21.21	21.10	21.00	21.80
		MID	64QAM	21.06	21.05	21.09	21.80
		HIGH	64QAM	21.19	21.09	20.97	21.80
	50	LOW	64QAM	21.56	21.53	21.20	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.04	24.07	23.87	24.80
		MID	QPSK	23.91	24.07	24.07	24.80
		HIGH	QPSK	22.84	22.93	22.97	24.80
	36	LOW	QPSK	22.94	23.03	23.20	23.80
		MID	QPSK	23.07	23.03	23.07	23.80
		HIGH	QPSK	22.94	23.15	23.00	23.80
	75	LOW	QPSK	23.71	23.26	23.35	23.80
15	1	LOW	Q16	23.51	23.30	23.30	23.80
		MID	Q16	23.49	23.38	23.56	23.80
		HIGH	Q16	22.06	22.03	22.15	23.80
	36	LOW	Q16	21.94	22.12	22.09	22.80
		MID	Q16	22.00	22.15	21.93	22.80
		HIGH	Q16	21.93	21.92	21.97	22.80
	75	LOW	Q16	22.58	22.43	21.99	22.80
15	1	LOW	64QAM	22.42	22.54	22.40	22.80
		MID	64QAM	22.52	22.56	22.34	22.80
		HIGH	64QAM	21.03	21.02	21.06	22.80
	36	LOW	64QAM	20.93	21.13	20.95	21.80
		MID	64QAM	21.08	20.95	20.95	21.80
		HIGH	64QAM	21.16	20.93	21.00	21.80
	75	LOW	64QAM	21.51	21.48	21.14	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.93	24.00	23.98	24.80
		MID	QPSK	23.99	24.03	24.00	24.80
		HIGH	QPSK	22.94	22.96	23.02	24.80
	50	LOW	QPSK	23.04	23.05	23.11	23.80
		MID	QPSK	23.01	23.06	23.09	23.80
		HIGH	QPSK	23.05	23.05	23.00	23.80
	100	LOW	QPSK	23.59	23.36	23.44	23.80
20	1	LOW	Q16	23.45	23.39	23.38	23.80
		MID	Q16	23.51	23.43	23.49	23.80
		HIGH	Q16	21.98	22.00	22.01	23.80
	50	LOW	Q16	22.08	22.10	22.10	22.80
		MID	Q16	22.06	22.10	22.05	22.80
		HIGH	Q16	22.08	22.06	22.04	22.80
	100	LOW	Q16	22.56	22.48	22.10	22.80
20	1	LOW	64QAM	22.40	22.36	22.44	22.80
		MID	64QAM	22.43	22.36	22.42	22.80
		HIGH	64QAM	21.00	20.92	21.06	22.80
	50	LOW	64QAM	20.93	21.16	21.15	21.80
		MID	64QAM	21.21	21.09	20.95	21.80
		HIGH	64QAM	21.17	21.09	20.95	21.80
	100	LOW	64QAM	21.45	21.55	21.23	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.07	24.10	24.05	24.80
		MID	QPSK	24.02	23.89	23.91	24.80
		HIGH	QPSK	22.88	23.01	22.99	24.80
	3	LOW	QPSK	24.03	23.92	24.10	24.80
		MID	QPSK	23.99	23.92	23.97	24.80
		HIGH	QPSK	24.03	23.96	24.09	24.80
	6	LOW	QPSK	23.59	23.38	23.42	23.80
1.4	1	LOW	Q16	23.34	23.53	23.34	23.80
		MID	Q16	23.58	23.30	23.53	23.80
		HIGH	Q16	21.84	22.14	21.88	23.80
	3	LOW	Q16	22.99	23.14	23.05	23.80
		MID	Q16	23.21	23.00	23.17	23.80
		HIGH	Q16	23.17	23.03	23.03	23.80
	6	LOW	Q16	22.53	22.33	21.95	22.80
1.4	1	LOW	64QAM	22.51	22.49	22.34	22.80
		MID	64QAM	22.39	22.29	22.39	22.80
		HIGH	64QAM	20.86	21.09	20.87	22.80
	3	LOW	64QAM	22.20	22.21	21.96	22.80
		MID	64QAM	22.08	22.22	22.10	22.80
		HIGH	64QAM	22.20	22.09	22.18	22.80
	6	LOW	64QAM	21.60	21.38	21.23	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	23.89	23.85	23.95	24.80
		MID	QPSK	23.90	24.10	23.86	24.80
		HIGH	QPSK	22.81	22.85	23.08	24.80
	8	LOW	QPSK	23.06	23.17	22.97	23.80
		MID	QPSK	23.16	23.08	23.17	23.80
		HIGH	QPSK	23.05	23.01	23.06	23.80
	15	LOW	QPSK	23.45	23.39	23.52	23.80
3	1	LOW	Q16	23.32	23.41	23.24	23.80
		MID	Q16	23.62	23.52	23.44	23.80
		HIGH	Q16	21.84	21.98	21.94	23.80
	8	LOW	Q16	22.03	22.25	22.25	22.80
		MID	Q16	22.01	21.97	22.01	22.80
		HIGH	Q16	22.17	21.92	21.91	22.80
	15	LOW	Q16	22.62	22.36	22.05	22.80
3	1	LOW	64QAM	22.32	22.53	22.31	22.80
		MID	64QAM	22.42	22.39	22.58	22.80
		HIGH	64QAM	20.94	20.99	20.97	22.80
	8	LOW	64QAM	20.95	21.09	21.04	22.80
		MID	64QAM	21.08	21.13	21.11	22.80
		HIGH	64QAM	21.04	21.07	20.92	22.80
	15	LOW	64QAM	21.60	21.59	21.08	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	23.85	24.02	24.03	24.80
		MID	QPSK	23.88	23.91	23.89	24.80
		HIGH	QPSK	22.82	23.02	23.01	24.80
	12	LOW	QPSK	23.17	23.18	23.15	23.80
		MID	QPSK	22.92	23.03	23.05	23.80
		HIGH	QPSK	23.12	22.94	23.07	23.80
	25	LOW	QPSK	23.46	23.24	23.49	23.80
5	1	LOW	Q16	23.37	23.48	23.53	23.80
		MID	Q16	23.56	23.51	23.39	23.80
		HIGH	Q16	21.97	22.02	21.87	23.80
	12	LOW	Q16	22.19	22.02	22.24	22.80
		MID	Q16	22.16	22.23	22.09	22.80
		HIGH	Q16	22.23	22.07	22.02	22.80
	25	LOW	Q16	22.67	22.55	22.22	22.80
5	1	LOW	64QAM	22.47	22.37	22.25	22.80
		MID	64QAM	22.62	22.32	22.36	22.80
		HIGH	64QAM	20.93	21.08	21.15	22.80
	12	LOW	64QAM	21.14	21.15	21.14	21.80
		MID	64QAM	21.18	21.16	21.17	21.80
		HIGH	64QAM	21.04	21.14	20.90	21.80
	25	LOW	64QAM	21.52	21.46	21.16	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	24.07	23.90	24.09	24.80
		MID	QPSK	23.86	23.89	24.07	24.80
		HIGH	QPSK	23.01	22.97	22.88	24.80
	25	LOW	QPSK	23.11	23.15	23.13	23.80
		MID	QPSK	22.98	22.91	23.02	23.80
		HIGH	QPSK	23.04	23.18	23.03	23.80
	50	LOW	QPSK	23.54	23.35	23.54	23.80
10	1	LOW	Q16	23.41	23.46	23.24	23.80
		MID	Q16	23.38	23.57	23.35	23.80
		HIGH	Q16	22.12	22.12	21.93	23.80
	25	LOW	Q16	22.17	22.07	22.03	22.80
		MID	Q16	22.07	22.10	21.90	22.80
		HIGH	Q16	22.09	22.02	21.94	22.80
	50	LOW	Q16	22.49	22.63	22.02	22.80
10	1	LOW	64QAM	22.60	22.33	22.45	22.80
		MID	64QAM	22.58	22.28	22.36	22.80
		HIGH	64QAM	20.83	21.02	21.01	22.80
	25	LOW	64QAM	21.21	21.10	21.00	21.80
		MID	64QAM	21.06	21.05	21.09	21.80
		HIGH	64QAM	21.19	21.09	20.97	21.80
	50	LOW	64QAM	21.56	21.53	21.20	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	24.04	24.07	23.87	24.80
		MID	QPSK	23.91	24.07	24.07	24.80
		HIGH	QPSK	22.84	22.93	22.97	24.80
	36	LOW	QPSK	22.94	23.03	23.20	23.80
		MID	QPSK	23.07	23.03	23.07	23.80
		HIGH	QPSK	22.94	23.15	23.00	23.80
	75	LOW	QPSK	23.71	23.26	23.35	23.80
15	1	LOW	Q16	23.51	23.30	23.30	23.80
		MID	Q16	23.49	23.38	23.56	23.80
		HIGH	Q16	22.06	22.03	22.15	23.80
	36	LOW	Q16	21.94	22.12	22.09	22.80
		MID	Q16	22.00	22.15	21.93	22.80
		HIGH	Q16	21.93	21.92	21.97	22.80
	75	LOW	Q16	22.58	22.43	21.99	22.80
15	1	LOW	64QAM	22.42	22.54	22.40	22.80
		MID	64QAM	22.52	22.56	22.34	22.80
		HIGH	64QAM	21.03	21.02	21.06	22.80
	36	LOW	64QAM	20.93	21.13	20.95	21.80
		MID	64QAM	21.08	20.95	20.95	21.80
		HIGH	64QAM	21.16	20.93	21.00	21.80
	75	LOW	64QAM	21.51	21.48	21.14	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	23.93	24.00	23.98	24.80
		MID	QPSK	23.99	**24.03**	24.00	24.80
		HIGH	QPSK	22.94	22.96	23.02	24.80
	50	LOW	QPSK	23.04	23.05	**23.11**	23.80
		MID	QPSK	23.01	23.06	23.09	23.80
		HIGH	QPSK	23.05	23.05	23.00	23.80
	100	LOW	QPSK	**23.59**	23.36	23.44	23.80
20	1	LOW	Q16	23.45	23.39	23.38	23.80
		MID	Q16	23.51	23.43	23.49	23.80
		HIGH	Q16	21.98	22.00	22.01	23.80
	50	LOW	Q16	22.08	22.10	22.10	22.80
		MID	Q16	22.06	22.10	22.05	22.80
		HIGH	Q16	22.08	22.06	22.04	22.80
	100	LOW	Q16	22.56	22.48	22.10	22.80
20	1	LOW	64QAM	22.40	22.36	22.44	22.80
		MID	64QAM	22.43	22.36	22.42	22.80
		HIGH	64QAM	21.00	20.92	21.06	22.80
	50	LOW	64QAM	20.93	21.16	21.15	21.80
		MID	64QAM	21.21	21.09	20.95	21.80
		HIGH	64QAM	21.17	21.09	20.95	21.80
	100	LOW	64QAM	21.45	21.55	21.23	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.63	20.50	20.82	21.80
		MID	QPSK	20.47	20.43	20.72	21.80
		HIGH	QPSK	20.48	20.57	20.87	21.80
	3	LOW	QPSK	20.54	20.77	20.61	21.80
		MID	QPSK	20.79	20.73	20.82	21.80
		HIGH	QPSK	20.89	20.82	20.86	21.80
	6	LOW	QPSK	20.60	20.71	20.78	21.80
1.4	1	LOW	Q16	21.21	21.22	21.20	21.80
		MID	Q16	20.98	21.09	20.90	21.80
		HIGH	Q16	21.15	21.41	21.22	21.80
	3	LOW	Q16	20.65	20.73	20.72	21.80
		MID	Q16	20.85	20.94	20.78	21.80
		HIGH	Q16	20.88	20.91	20.87	21.80
	6	LOW	Q16	20.94	20.85	20.81	21.80
1.4	1	LOW	64QAM	21.06	21.33	21.17	21.80
		MID	64QAM	21.01	21.06	21.13	21.80
		HIGH	64QAM	21.08	21.20	21.07	21.80
	3	LOW	64QAM	20.75	20.59	20.78	21.80
		MID	64QAM	20.71	20.86	20.72	21.80
		HIGH	64QAM	20.61	20.74	20.89	21.80
	6	LOW	64QAM	20.71	20.67	20.71	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.75	20.52	20.65	21.80
		MID	QPSK	20.71	20.42	20.88	21.80
		HIGH	QPSK	20.64	20.58	20.89	21.80
	8	LOW	QPSK	20.75	20.57	20.68	21.80
		MID	QPSK	20.68	20.86	20.86	21.80
		HIGH	QPSK	20.62	20.64	20.89	21.80
	15	LOW	QPSK	20.84	20.71	20.62	21.80
3	1	LOW	Q16	21.17	21.14	21.22	21.80
		MID	Q16	21.23	21.03	21.11	21.80
		HIGH	Q16	21.02	21.24	21.11	21.80
	8	LOW	Q16	20.53	20.85	20.76	21.80
		MID	Q16	20.76	20.86	20.92	21.80
		HIGH	Q16	20.67	20.71	20.88	21.80
	15	LOW	Q16	20.72	20.76	20.61	21.80
3	1	LOW	64QAM	21.04	21.31	21.17	21.80
		MID	64QAM	21.18	21.24	20.95	21.80
		HIGH	64QAM	21.23	21.39	21.00	21.80
	8	LOW	64QAM	20.74	20.69	20.66	21.80
		MID	64QAM	20.66	20.89	20.91	21.80
		HIGH	64QAM	20.88	20.91	20.81	21.80
	15	LOW	64QAM	20.67	20.64	20.73	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.49	20.74	20.71	21.80
		MID	QPSK	20.48	20.50	20.87	21.80
		HIGH	QPSK	20.72	20.73	20.89	21.80
	12	LOW	QPSK	20.63	20.71	20.59	21.80
		MID	QPSK	20.83	20.87	20.68	21.80
		HIGH	QPSK	20.76	20.85	20.73	21.80
	25	LOW	QPSK	20.61	20.80	20.66	21.80
5	1	LOW	Q16	21.23	21.09	21.29	21.80
		MID	Q16	21.14	21.26	21.03	21.80
		HIGH	Q16	21.00	21.25	21.06	21.80
	12	LOW	Q16	20.66	20.77	20.67	21.80
		MID	Q16	20.89	20.76	20.87	21.80
		HIGH	Q16	20.60	20.75	20.79	21.80
	25	LOW	Q16	20.66	20.94	20.77	21.80
5	1	LOW	64QAM	21.07	21.27	21.10	21.80
		MID	64QAM	21.11	21.06	20.92	21.80
		HIGH	64QAM	21.21	21.16	21.16	21.80
	12	LOW	64QAM	20.61	20.81	20.71	21.80
		MID	64QAM	20.66	20.78	20.88	21.80
		HIGH	64QAM	20.67	20.90	20.97	21.80
	25	LOW	64QAM	20.75	20.71	20.62	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.55	20.53	20.64	21.80
		MID	QPSK	20.69	20.48	20.61	21.80
		HIGH	QPSK	20.48	20.82	20.77	21.80
	25	LOW	QPSK	20.59	20.75	20.66	21.80
		MID	QPSK	20.66	20.88	20.83	21.80
		HIGH	QPSK	20.81	20.78	20.72	21.80
	50	LOW	QPSK	20.60	20.87	20.75	21.80
10	1	LOW	Q16	21.19	21.28	21.17	21.80
		MID	Q16	20.95	21.00	21.18	21.80
		HIGH	Q16	21.25	21.17	20.96	21.80
	25	LOW	Q16	20.54	20.59	20.69	21.80
		MID	Q16	20.76	20.67	20.87	21.80
		HIGH	Q16	20.68	20.65	20.85	21.80
	50	LOW	Q16	20.67	20.64	20.82	21.80
10	1	LOW	64QAM	21.12	21.22	21.28	21.80
		MID	64QAM	21.20	21.20	21.14	21.80
		HIGH	64QAM	21.26	21.18	21.05	21.80
	25	LOW	64QAM	20.70	20.63	20.76	21.80
		MID	64QAM	20.63	20.86	21.01	21.80
		HIGH	64QAM	20.76	20.63	20.73	21.80
	50	LOW	64QAM	20.68	20.65	20.64	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.50	20.70	20.62	21.80
		MID	QPSK	20.50	20.60	20.82	21.80
		HIGH	QPSK	20.47	20.79	20.89	21.80
	36	LOW	QPSK	20.70	20.77	20.76	21.80
		MID	QPSK	20.80	20.89	20.78	21.80
		HIGH	QPSK	20.62	20.60	20.68	21.80
	75	LOW	QPSK	20.76	20.74	20.56	21.80
15	1	LOW	Q16	21.00	21.08	21.07	21.80
		MID	Q16	20.96	21.03	20.90	21.80
		HIGH	Q16	21.10	21.23	21.05	21.80
	36	LOW	Q16	20.66	20.79	20.80	21.80
		MID	Q16	20.85	20.92	20.82	21.80
		HIGH	Q16	20.71	20.74	20.93	21.80
	75	LOW	Q16	20.73	20.86	20.65	21.80
15	1	LOW	64QAM	21.21	21.15	21.10	21.80
		MID	64QAM	21.01	21.21	21.05	21.80
		HIGH	64QAM	21.11	21.40	21.09	21.80
	36	LOW	64QAM	20.75	20.75	20.70	21.80
		MID	64QAM	20.85	20.71	21.00	21.80
		HIGH	64QAM	20.66	20.63	20.84	21.80
	75	LOW	64QAM	20.80	20.92	20.84	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.60	20.59	20.73	21.80
		MID	QPSK	20.56	20.56	**20.74**	21.80
		HIGH	QPSK	20.60	20.67	20.72	21.80
	50	LOW	QPSK	20.62	20.64	20.69	21.80
		MID	QPSK	20.73	20.75	20.77	21.80
		HIGH	QPSK	20.77	20.74	**20.78**	21.80
	100	LOW	QPSK	**20.73**	20.70	20.70	21.80
20	1	LOW	Q16	21.10	21.23	21.14	21.80
		MID	Q16	21.08	21.13	21.04	21.80
		HIGH	Q16	21.11	21.26	21.11	21.80
	50	LOW	Q16	20.67	20.72	20.76	21.80
		MID	Q16	20.74	20.82	20.86	21.80
		HIGH	Q16	20.74	20.77	20.82	21.80
	100	LOW	Q16	20.80	20.79	20.74	21.80
20	1	LOW	64QAM	21.19	21.12	21.26	21.80
		MID	64QAM	21.21	21.02	21.01	21.80
		HIGH	64QAM	21.04	21.21	20.99	21.80
	50	LOW	64QAM	20.62	20.62	20.69	21.80
		MID	64QAM	20.66	20.86	20.90	21.80
		HIGH	64QAM	20.83	20.92	20.68	21.80
	100	LOW	64QAM	20.82	20.86	20.82	21.80

8.3.3 LTE Band5 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.30	24.01	24.01	25.00
		MID	QPSK	24.32	24.01	24.16	25.00
		HIGH	QPSK	24.30	24.20	24.02	25.00
	3	LOW	QPSK	24.34	24.01	24.12	25.00
		MID	QPSK	24.26	24.08	24.09	25.00
		HIGH	QPSK	24.22	24.24	24.15	25.00
	6	LOW	QPSK	23.34	23.24	23.17	24.00
1.4	1	LOW	Q16	23.35	23.52	23.18	24.00
		MID	Q16	23.23	23.62	23.02	24.00
		HIGH	Q16	23.35	23.70	23.14	24.00
	3	LOW	Q16	23.27	22.98	23.01	24.00
		MID	Q16	23.48	23.32	23.19	24.00
		HIGH	Q16	23.30	23.21	23.22	24.00
	6	LOW	Q16	22.42	22.24	22.23	23.00
1.4	1	LOW	64QAM	22.33	22.59	22.10	23.00
		MID	64QAM	22.12	22.46	22.13	23.00
		HIGH	64QAM	22.10	22.58	22.14	23.00
	3	LOW	64QAM	22.27	22.25	22.01	23.00
		MID	64QAM	22.27	22.09	22.12	23.00
		HIGH	64QAM	22.33	22.17	22.28	23.00
	6	LOW	64QAM	21.39	21.20	21.16	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.12	24.17	25.00
		MID	QPSK	24.41	23.99	24.09	25.00
		HIGH	QPSK	24.27	24.21	24.00	25.00
	8	LOW	QPSK	23.41	23.29	23.10	24.00
		MID	QPSK	23.42	23.24	23.06	24.00
		HIGH	QPSK	23.45	23.14	23.09	24.00
	15	LOW	QPSK	23.49	23.40	23.17	24.00
3	1	LOW	Q16	23.40	23.62	23.07	24.00
		MID	Q16	23.31	23.64	23.26	24.00
		HIGH	Q16	23.32	23.66	23.04	24.00
	8	LOW	Q16	22.40	22.19	22.23	23.00
		MID	Q16	22.47	22.23	22.24	23.00
		HIGH	Q16	22.38	22.29	22.25	23.00
	15	LOW	Q16	22.45	22.34	22.12	23.00
3	1	LOW	64QAM	22.38	22.39	22.07	23.00
		MID	64QAM	22.29	22.65	22.26	23.00
		HIGH	64QAM	22.22	22.49	22.03	23.00
	8	LOW	64QAM	21.39	21.14	21.21	23.00
		MID	64QAM	21.45	21.34	21.13	23.00
		HIGH	64QAM	21.27	21.40	21.23	23.00
	15	LOW	64QAM	21.41	21.12	21.14	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.28	24.07	24.03	25.00
		MID	QPSK	24.37	23.93	24.23	25.00
		HIGH	QPSK	24.23	24.01	24.10	25.00
	12	LOW	QPSK	23.32	23.33	23.25	24.00
		MID	QPSK	23.32	23.13	23.17	24.00
		HIGH	QPSK	23.40	23.24	23.05	24.00
	25	LOW	QPSK	23.56	23.30	23.07	24.00
5	1	LOW	Q16	23.20	23.41	23.15	24.00
		MID	Q16	23.12	23.51	23.27	24.00
		HIGH	Q16	23.05	23.44	22.95	24.00
	12	LOW	Q16	22.37	22.08	22.27	23.00
		MID	Q16	22.49	22.17	22.28	23.00
		HIGH	Q16	22.40	22.38	22.37	23.00
	25	LOW	Q16	22.54	22.37	22.09	23.00
5	1	LOW	64QAM	22.19	22.49	22.18	23.00
		MID	64QAM	22.29	22.71	22.09	23.00
		HIGH	64QAM	22.32	22.64	21.93	23.00
	12	LOW	64QAM	21.39	21.12	21.21	22.00
		MID	64QAM	21.45	21.19	21.24	22.00
		HIGH	64QAM	21.44	21.20	21.36	22.00
	25	LOW	64QAM	21.26	21.19	21.20	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.31	24.08	24.09	25.00
		MID	QPSK	24.26	24.04	24.10	25.00
		HIGH	QPSK	24.23	24.08	24.04	25.00
	25	LOW	QPSK	23.40	23.19	23.13	24.00
		MID	QPSK	23.42	23.25	23.14	24.00
		HIGH	QPSK	23.41	23.21	23.17	24.00
	50	LOW	QPSK	23.42	23.25	23.15	24.00
10	1	LOW	Q16	23.31	23.54	23.17	24.00
		MID	Q16	23.25	23.58	23.15	24.00
		HIGH	Q16	23.20	23.56	23.07	24.00
	25	LOW	Q16	22.47	22.22	22.24	23.00
		MID	Q16	22.48	22.30	22.21	23.00
		HIGH	Q16	22.40	22.30	22.31	23.00
	50	LOW	Q16	22.40	22.27	22.18	23.00
10	1	LOW	64QAM	22.46	22.39	22.19	23.00
		MID	64QAM	22.16	22.47	22.06	23.00
		HIGH	64QAM	22.14	22.69	21.99	23.00
	25	LOW	64QAM	21.40	21.33	21.31	22.00
		MID	64QAM	21.47	21.15	21.22	22.00
		HIGH	64QAM	21.39	21.21	21.23	22.00
	50	LOW	64QAM	21.45	21.29	21.32	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.84	19.76	19.68	21.00
		MID	QPSK	19.77	19.65	19.51	21.00
		HIGH	QPSK	19.77	19.69	19.61	21.00
	3	LOW	QPSK	20.03	19.88	19.72	21.00
		MID	QPSK	20.04	19.91	19.81	21.00
		HIGH	QPSK	19.96	19.83	19.64	21.00
	6	LOW	QPSK	20.17	19.76	19.78	21.00
1.4	1	LOW	Q16	19.97	20.14	19.62	21.00
		MID	Q16	19.86	20.13	19.63	21.00
		HIGH	Q16	19.87	20.26	19.48	21.00
	3	LOW	Q16	20.12	19.94	19.87	21.00
		MID	Q16	20.18	20.04	19.93	21.00
		HIGH	Q16	19.91	19.86	19.80	21.00
	6	LOW	Q16	20.10	19.84	19.93	21.00
1.4	1	LOW	64QAM	19.96	20.33	19.81	21.00
		MID	64QAM	19.87	20.19	19.84	21.00
		HIGH	64QAM	19.78	20.12	19.65	21.00
	3	LOW	64QAM	20.02	19.78	19.83	21.00
		MID	64QAM	19.99	19.99	19.88	21.00
		HIGH	64QAM	19.88	19.86	19.96	21.00
	6	LOW	64QAM	20.06	19.89	19.65	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.75	19.67	19.89	21.00
		MID	QPSK	20.02	19.58	19.69	21.00
		HIGH	QPSK	19.79	19.65	19.45	21.00
	8	LOW	QPSK	20.00	19.90	19.83	21.00
		MID	QPSK	20.06	19.98	19.65	21.00
		HIGH	QPSK	20.08	19.85	19.92	21.00
	15	LOW	QPSK	20.06	20.02	19.66	21.00
3	1	LOW	Q16	19.88	20.17	19.64	21.00
		MID	Q16	19.60	20.24	19.56	21.00
		HIGH	Q16	19.91	20.14	19.65	21.00
	8	LOW	Q16	19.87	19.76	19.97	21.00
		MID	Q16	20.05	20.00	19.79	21.00
		HIGH	Q16	20.05	20.01	19.97	21.00
	15	LOW	Q16	20.02	19.75	19.94	21.00
3	1	LOW	64QAM	19.93	20.11	19.81	21.00
		MID	64QAM	19.76	20.15	19.60	21.00
		HIGH	64QAM	19.91	20.04	19.59	21.00
	8	LOW	64QAM	20.02	20.00	19.81	21.00
		MID	64QAM	20.15	19.81	19.92	21.00
		HIGH	64QAM	20.14	19.96	19.95	21.00
	15	LOW	64QAM	20.16	20.03	19.89	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	19.88	19.70	19.88	21.00
		MID	QPSK	19.94	19.76	19.70	21.00
		HIGH	QPSK	19.83	19.53	19.54	21.00
	12	LOW	QPSK	20.09	19.80	19.78	21.00
		MID	QPSK	20.00	19.84	19.92	21.00
		HIGH	QPSK	20.03	19.86	19.73	21.00
	25	LOW	QPSK	20.17	19.98	19.65	21.00
5	1	LOW	Q16	20.02	20.20	19.63	21.00
		MID	Q16	19.67	20.19	19.68	21.00
		HIGH	Q16	19.66	20.06	19.68	21.00
	12	LOW	Q16	20.09	19.90	19.87	21.00
		MID	Q16	19.97	19.80	19.89	21.00
		HIGH	Q16	20.09	20.05	20.02	21.00
	25	LOW	Q16	20.14	19.98	19.78	21.00
5	1	LOW	64QAM	19.87	20.29	19.69	21.00
		MID	64QAM	19.66	20.08	19.85	21.00
		HIGH	64QAM	19.90	20.26	19.70	21.00
	12	LOW	64QAM	20.11	20.01	19.83	21.00
		MID	64QAM	19.90	19.81	19.81	21.00
		HIGH	64QAM	19.90	19.89	19.96	21.00
	25	LOW	64QAM	19.90	19.82	19.72	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**19.89**	19.78	19.74	21.00
		MID	QPSK	19.87	19.71	19.64	21.00
		HIGH	QPSK	19.87	19.66	19.59	21.00
	25	LOW	QPSK	19.96	19.85	19.74	21.00
		MID	QPSK	**20.07**	19.85	19.77	21.00
		HIGH	QPSK	20.01	19.88	19.79	21.00
	50	LOW	QPSK	**20.03**	19.88	19.74	21.00
10	1	LOW	Q16	19.88	20.22	19.69	21.00
		MID	Q16	19.74	20.18	19.70	21.00
		HIGH	Q16	19.79	20.17	19.59	21.00
	25	LOW	Q16	20.00	19.90	19.85	21.00
		MID	Q16	20.05	19.95	19.85	21.00
		HIGH	Q16	20.01	19.97	19.89	21.00
	50	LOW	Q16	20.04	19.90	19.79	21.00
10	1	LOW	64QAM	19.84	20.26	19.72	21.00
		MID	64QAM	19.63	20.18	19.67	21.00
		HIGH	64QAM	19.75	20.25	19.47	21.00
	25	LOW	64QAM	19.95	19.76	19.73	21.00
		MID	64QAM	20.11	20.01	20.00	21.00
		HIGH	64QAM	19.96	20.04	19.92	21.00
	50	LOW	64QAM	20.17	19.90	19.74	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.30	24.01	24.01	25.00
		MID	QPSK	24.32	24.01	24.16	25.00
		HIGH	QPSK	24.30	24.20	24.02	25.00
	3	LOW	QPSK	24.34	24.01	24.12	25.00
		MID	QPSK	24.26	24.08	24.09	25.00
		HIGH	QPSK	24.22	24.24	24.15	25.00
	6	LOW	QPSK	23.34	23.24	23.17	24.00
1.4	1	LOW	Q16	23.35	23.52	23.18	24.00
		MID	Q16	23.23	23.62	23.02	24.00
		HIGH	Q16	23.35	23.70	23.14	24.00
	3	LOW	Q16	23.27	22.98	23.01	24.00
		MID	Q16	23.48	23.32	23.19	24.00
		HIGH	Q16	23.30	23.21	23.22	24.00
	6	LOW	Q16	22.42	22.24	22.23	23.00
1.4	1	LOW	64QAM	22.33	22.59	22.10	23.00
		MID	64QAM	22.12	22.46	22.13	23.00
		HIGH	64QAM	22.10	22.58	22.14	23.00
	3	LOW	64QAM	22.27	22.25	22.01	23.00
		MID	64QAM	22.27	22.09	22.12	23.00
		HIGH	64QAM	22.33	22.17	22.28	23.00
	6	LOW	64QAM	21.39	21.20	21.16	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.29	24.12	24.17	25.00
		MID	QPSK	24.41	23.99	24.09	25.00
		HIGH	QPSK	24.27	24.21	24.00	25.00
	8	LOW	QPSK	23.41	23.29	23.10	24.00
		MID	QPSK	23.42	23.24	23.06	24.00
		HIGH	QPSK	23.45	23.14	23.09	24.00
	15	LOW	QPSK	23.49	23.40	23.17	24.00
3	1	LOW	Q16	23.40	23.62	23.07	24.00
		MID	Q16	23.31	23.64	23.26	24.00
		HIGH	Q16	23.32	23.66	23.04	24.00
	8	LOW	Q16	22.40	22.19	22.23	23.00
		MID	Q16	22.47	22.23	22.24	23.00
		HIGH	Q16	22.38	22.29	22.25	23.00
	15	LOW	Q16	22.45	22.34	22.12	23.00
3	1	LOW	64QAM	22.38	22.39	22.07	23.00
		MID	64QAM	22.29	22.65	22.26	23.00
		HIGH	64QAM	22.22	22.49	22.03	23.00
	8	LOW	64QAM	21.39	21.14	21.21	23.00
		MID	64QAM	21.45	21.34	21.13	23.00
		HIGH	64QAM	21.27	21.40	21.23	23.00
	15	LOW	64QAM	21.41	21.12	21.14	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.28	24.07	24.03	25.00
		MID	QPSK	24.37	23.93	24.23	25.00
		HIGH	QPSK	24.23	24.01	24.10	25.00
	12	LOW	QPSK	23.32	23.33	23.25	24.00
		MID	QPSK	23.32	23.13	23.17	24.00
		HIGH	QPSK	23.40	23.24	23.05	24.00
	25	LOW	QPSK	23.56	23.30	23.07	24.00
5	1	LOW	Q16	23.20	23.41	23.15	24.00
		MID	Q16	23.12	23.51	23.27	24.00
		HIGH	Q16	23.05	23.44	22.95	24.00
	12	LOW	Q16	22.37	22.08	22.27	23.00
		MID	Q16	22.49	22.17	22.28	23.00
		HIGH	Q16	22.40	22.38	22.37	23.00
	25	LOW	Q16	22.54	22.37	22.09	23.00
5	1	LOW	64QAM	22.19	22.49	22.18	23.00
		MID	64QAM	22.29	22.71	22.09	23.00
		HIGH	64QAM	22.32	22.64	21.93	23.00
	12	LOW	64QAM	21.39	21.12	21.21	22.00
		MID	64QAM	21.45	21.19	21.24	22.00
		HIGH	64QAM	21.44	21.20	21.36	22.00
	25	LOW	64QAM	21.26	21.19	21.20	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**24.31**	24.08	24.09	25.00
		MID	QPSK	24.26	24.04	24.10	25.00
		HIGH	QPSK	24.23	24.08	24.04	25.00
	25	LOW	QPSK	23.40	23.19	23.13	24.00
		MID	QPSK	**23.42**	23.25	23.14	24.00
		HIGH	QPSK	23.41	23.21	23.17	24.00
	50	LOW	QPSK	**23.42**	23.25	23.15	24.00
10	1	LOW	Q16	23.31	23.54	23.17	24.00
		MID	Q16	23.25	23.58	23.15	24.00
		HIGH	Q16	23.20	23.56	23.07	24.00
	25	LOW	Q16	22.47	22.22	22.24	23.00
		MID	Q16	22.48	22.30	22.21	23.00
		HIGH	Q16	22.40	22.30	22.31	23.00
	50	LOW	Q16	22.40	22.27	22.18	23.00
10	1	LOW	64QAM	22.46	22.39	22.19	23.00
		MID	64QAM	22.16	22.47	22.06	23.00
		HIGH	64QAM	22.14	22.69	21.99	23.00
	25	LOW	64QAM	21.40	21.33	21.31	22.00
		MID	64QAM	21.47	21.15	21.22	22.00
		HIGH	64QAM	21.39	21.21	21.23	22.00
	50	LOW	64QAM	21.45	21.29	21.32	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.26	24.26	24.05	25.00
		MID	QPSK	24.46	24.32	24.31	25.00
		HIGH	QPSK	24.29	24.02	24.15	25.00
	3	LOW	QPSK	24.37	24.19	24.05	25.00
		MID	QPSK	24.28	24.14	24.06	25.00
		HIGH	QPSK	24.42	24.19	24.24	25.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.26	23.68	23.26	24.00
		MID	Q16	23.36	23.67	23.14	24.00
		HIGH	Q16	23.33	23.73	23.30	24.00
	3	LOW	Q16	23.32	23.29	23.29	24.00
		MID	Q16	23.63	23.28	23.42	24.00
		HIGH	Q16	23.30	23.36	23.22	24.00
	6	LOW	Q16	22.44	22.42	22.24	23.00
1.4	1	LOW	64QAM	22.46	22.73	22.36	23.00
		MID	64QAM	22.25	22.80	22.29	23.00
		HIGH	64QAM	22.35	22.67	22.16	23.00
	3	LOW	64QAM	22.32	22.12	22.40	23.00
		MID	64QAM	22.39	22.43	22.16	23.00
		HIGH	64QAM	22.39	22.22	22.39	23.00
	6	LOW	64QAM	21.58	21.50	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.27	24.17	24.13	25.00
		MID	QPSK	24.37	24.13	24.34	25.00
		HIGH	QPSK	24.40	24.07	24.34	25.00
	8	LOW	QPSK	23.64	23.27	23.24	24.00
		MID	QPSK	23.50	23.23	23.39	24.00
		HIGH	QPSK	23.50	23.35	23.38	24.00
	15	LOW	QPSK	23.62	23.38	23.28	24.00
3	1	LOW	Q16	23.35	23.51	23.22	24.00
		MID	Q16	23.12	23.69	23.21	24.00
		HIGH	Q16	23.31	23.64	23.07	24.00
	8	LOW	Q16	22.52	22.46	22.39	23.00
		MID	Q16	22.47	22.57	22.49	23.00
		HIGH	Q16	22.51	22.50	22.51	23.00
	15	LOW	Q16	22.59	22.28	22.47	23.00
3	1	LOW	64QAM	22.30	22.61	22.25	23.00
		MID	64QAM	22.35	22.83	22.41	23.00
		HIGH	64QAM	22.19	22.66	22.20	23.00
	8	LOW	64QAM	21.57	21.24	21.45	23.00
		MID	64QAM	21.45	21.39	21.54	23.00
		HIGH	64QAM	21.44	21.51	21.39	23.00
	15	LOW	64QAM	21.50	21.30	21.29	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	24.31	24.05	25.00
		MID	QPSK	24.25	24.21	24.28	25.00
		HIGH	QPSK	24.49	24.09	24.15	25.00
	12	LOW	QPSK	23.64	23.22	23.31	24.00
		MID	QPSK	23.45	23.45	23.23	24.00
		HIGH	QPSK	23.53	23.36	23.28	24.00
	25	LOW	QPSK	23.43	23.52	23.32	24.00
5	1	LOW	Q16	23.54	23.58	23.26	24.00
		MID	Q16	23.39	23.64	23.30	24.00
		HIGH	Q16	23.23	23.73	23.25	24.00
	12	LOW	Q16	22.53	22.35	22.33	23.00
		MID	Q16	22.57	22.58	22.38	23.00
		HIGH	Q16	22.61	22.50	22.27	23.00
	25	LOW	Q16	22.42	22.50	22.29	23.00
5	1	LOW	64QAM	22.33	22.53	22.42	23.00
		MID	64QAM	22.16	22.60	22.28	23.00
		HIGH	64QAM	22.37	22.85	22.07	23.00
	12	LOW	64QAM	21.48	21.37	21.32	22.00
		MID	64QAM	21.54	21.33	21.36	22.00
		HIGH	64QAM	21.41	21.60	21.26	22.00
	25	LOW	64QAM	21.47	21.43	21.46	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	24.41	24.26	24.20	25.00
		MID	QPSK	24.39	24.18	24.21	25.00
		HIGH	QPSK	24.35	24.10	24.20	25.00
	25	LOW	QPSK	23.52	23.31	23.25	24.00
		MID	QPSK	23.52	23.38	23.29	24.00
		HIGH	QPSK	23.51	23.32	23.29	24.00
	50	LOW	QPSK	23.53	23.39	23.28	24.00
10	1	LOW	Q16	23.41	23.64	23.31	24.00
		MID	Q16	23.25	23.71	23.27	24.00
		HIGH	Q16	23.29	23.71	23.21	24.00
	25	LOW	Q16	22.56	22.37	22.35	23.00
		MID	Q16	22.60	22.45	22.39	23.00
		HIGH	Q16	22.53	22.45	22.40	23.00
	50	LOW	Q16	22.53	22.42	22.33	23.00
10	1	LOW	64QAM	22.50	22.72	22.23	23.00
		MID	64QAM	22.18	22.80	22.31	23.00
		HIGH	64QAM	22.17	22.66	22.07	23.00
	25	LOW	64QAM	21.47	21.31	21.46	22.00
		MID	64QAM	21.68	21.33	21.50	22.00
		HIGH	64QAM	21.41	21.38	21.34	22.00
	50	LOW	64QAM	21.39	21.35	21.20	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.26	24.26	24.05	25.00
		MID	QPSK	24.46	24.32	24.31	25.00
		HIGH	QPSK	24.29	24.02	24.15	25.00
	3	LOW	QPSK	24.37	24.19	24.05	25.00
		MID	QPSK	24.28	24.14	24.06	25.00
		HIGH	QPSK	24.42	24.19	24.24	25.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.26	23.68	23.26	24.00
		MID	Q16	23.36	23.67	23.14	24.00
		HIGH	Q16	23.33	23.73	23.30	24.00
	3	LOW	Q16	23.32	23.29	23.29	24.00
		MID	Q16	23.63	23.28	23.42	24.00
		HIGH	Q16	23.30	23.36	23.22	24.00
	6	LOW	Q16	22.44	22.42	22.24	23.00
1.4	1	LOW	64QAM	22.46	22.73	22.36	23.00
		MID	64QAM	22.25	22.80	22.29	23.00
		HIGH	64QAM	22.35	22.67	22.16	23.00
	3	LOW	64QAM	22.32	22.12	22.40	23.00
		MID	64QAM	22.39	22.43	22.16	23.00
		HIGH	64QAM	22.39	22.22	22.39	23.00
	6	LOW	64QAM	21.58	21.50	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.27	24.17	24.13	25.00
		MID	QPSK	24.37	24.13	24.34	25.00
		HIGH	QPSK	24.40	24.07	24.34	25.00
	8	LOW	QPSK	23.64	23.27	23.24	24.00
		MID	QPSK	23.50	23.23	23.39	24.00
		HIGH	QPSK	23.50	23.35	23.38	24.00
	15	LOW	QPSK	23.62	23.38	23.28	24.00
3	1	LOW	Q16	23.35	23.51	23.22	24.00
		MID	Q16	23.12	23.69	23.21	24.00
		HIGH	Q16	23.31	23.64	23.07	24.00
	8	LOW	Q16	22.52	22.46	22.39	23.00
		MID	Q16	22.47	22.57	22.49	23.00
		HIGH	Q16	22.51	22.50	22.51	23.00
	15	LOW	Q16	22.59	22.28	22.47	23.00
3	1	LOW	64QAM	22.30	22.61	22.25	23.00
		MID	64QAM	22.35	22.83	22.41	23.00
		HIGH	64QAM	22.19	22.66	22.20	23.00
	8	LOW	64QAM	21.57	21.24	21.45	23.00
		MID	64QAM	21.45	21.39	21.54	23.00
		HIGH	64QAM	21.44	21.51	21.39	23.00
	15	LOW	64QAM	21.50	21.30	21.29	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	24.31	24.05	25.00
		MID	QPSK	24.25	24.21	24.28	25.00
		HIGH	QPSK	24.49	24.09	24.15	25.00
	12	LOW	QPSK	23.64	23.22	23.31	24.00
		MID	QPSK	23.45	23.45	23.23	24.00
		HIGH	QPSK	23.53	23.36	23.28	24.00
	25	LOW	QPSK	23.43	23.52	23.32	24.00
5	1	LOW	Q16	23.54	23.58	23.26	24.00
		MID	Q16	23.39	23.64	23.30	24.00
		HIGH	Q16	23.23	23.73	23.25	24.00
	12	LOW	Q16	22.53	22.35	22.33	23.00
		MID	Q16	22.57	22.58	22.38	23.00
		HIGH	Q16	22.61	22.50	22.27	23.00
	25	LOW	Q16	22.42	22.50	22.29	23.00
5	1	LOW	64QAM	22.33	22.53	22.42	23.00
		MID	64QAM	22.16	22.60	22.28	23.00
		HIGH	64QAM	22.37	22.85	22.07	23.00
	12	LOW	64QAM	21.48	21.37	21.32	22.00
		MID	64QAM	21.54	21.33	21.36	22.00
		HIGH	64QAM	21.41	21.60	21.26	22.00
	25	LOW	64QAM	21.47	21.43	21.46	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**24.41**	24.26	24.20	25.00
		MID	QPSK	24.39	24.18	24.21	25.00
		HIGH	QPSK	24.35	24.10	24.20	25.00
	25	LOW	QPSK	**23.52**	23.31	23.25	24.00
		MID	QPSK	**23.52**	23.38	23.29	24.00
		HIGH	QPSK	23.51	23.32	23.29	24.00
	50	LOW	QPSK	**23.53**	23.39	23.28	24.00
10	1	LOW	Q16	23.41	23.64	23.31	24.00
		MID	Q16	23.25	23.71	23.27	24.00
		HIGH	Q16	23.29	23.71	23.21	24.00
	25	LOW	Q16	22.56	22.37	22.35	23.00
		MID	Q16	22.60	22.45	22.39	23.00
		HIGH	Q16	22.53	22.45	22.40	23.00
	50	LOW	Q16	22.53	22.42	22.33	23.00
10	1	LOW	64QAM	22.50	22.72	22.23	23.00
		MID	64QAM	22.18	22.80	22.31	23.00
		HIGH	64QAM	22.17	22.66	22.07	23.00
	25	LOW	64QAM	21.47	21.31	21.46	22.00
		MID	64QAM	21.68	21.33	21.50	22.00
		HIGH	64QAM	21.41	21.38	21.34	22.00
	50	LOW	64QAM	21.39	21.35	21.20	22.00

LTE B5-Level2 -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.26	24.26	24.05	25.00
		MID	QPSK	24.46	24.32	24.31	25.00
		HIGH	QPSK	24.29	24.02	24.15	25.00
	3	LOW	QPSK	24.37	24.19	24.05	25.00
		MID	QPSK	24.28	24.14	24.06	25.00
		HIGH	QPSK	24.42	24.19	24.24	25.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.26	23.68	23.26	24.00
		MID	Q16	23.36	23.67	23.14	24.00
		HIGH	Q16	23.33	23.73	23.30	24.00
	3	LOW	Q16	23.32	23.29	23.29	24.00
		MID	Q16	23.63	23.28	23.42	24.00
		HIGH	Q16	23.30	23.36	23.22	24.00
	6	LOW	Q16	22.44	22.42	22.24	23.00
1.4	1	LOW	64QAM	22.46	22.73	22.36	23.00
		MID	64QAM	22.25	22.80	22.29	23.00
		HIGH	64QAM	22.35	22.67	22.16	23.00
	3	LOW	64QAM	22.32	22.12	22.40	23.00
		MID	64QAM	22.39	22.43	22.16	23.00
		HIGH	64QAM	22.39	22.22	22.39	23.00
	6	LOW	64QAM	21.58	21.50	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	24.27	24.17	24.13	25.00
		MID	QPSK	24.37	24.13	24.34	25.00
		HIGH	QPSK	24.40	24.07	24.34	25.00
	8	LOW	QPSK	23.64	23.27	23.24	24.00
		MID	QPSK	23.50	23.23	23.39	24.00
		HIGH	QPSK	23.50	23.35	23.38	24.00
	15	LOW	QPSK	23.62	23.38	23.28	24.00
3	1	LOW	Q16	23.35	23.51	23.22	24.00
		MID	Q16	23.12	23.69	23.21	24.00
		HIGH	Q16	23.31	23.64	23.07	24.00
	8	LOW	Q16	22.52	22.46	22.39	23.00
		MID	Q16	22.47	22.57	22.49	23.00
		HIGH	Q16	22.51	22.50	22.51	23.00
	15	LOW	Q16	22.59	22.28	22.47	23.00
3	1	LOW	64QAM	22.30	22.61	22.25	23.00
		MID	64QAM	22.35	22.83	22.41	23.00
		HIGH	64QAM	22.19	22.66	22.20	23.00
	8	LOW	64QAM	21.57	21.24	21.45	23.00
		MID	64QAM	21.45	21.39	21.54	23.00
		HIGH	64QAM	21.44	21.51	21.39	23.00
	15	LOW	64QAM	21.50	21.30	21.29	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	24.38	24.31	24.05	25.00
		MID	QPSK	24.25	24.21	24.28	25.00
		HIGH	QPSK	24.49	24.09	24.15	25.00
	12	LOW	QPSK	23.64	23.22	23.31	24.00
		MID	QPSK	23.45	23.45	23.23	24.00
		HIGH	QPSK	23.53	23.36	23.28	24.00
	25	LOW	QPSK	23.43	23.52	23.32	24.00
5	1	LOW	Q16	23.54	23.58	23.26	24.00
		MID	Q16	23.39	23.64	23.30	24.00
		HIGH	Q16	23.23	23.73	23.25	24.00
	12	LOW	Q16	22.53	22.35	22.33	23.00
		MID	Q16	22.57	22.58	22.38	23.00
		HIGH	Q16	22.61	22.50	22.27	23.00
	25	LOW	Q16	22.42	22.50	22.29	23.00
5	1	LOW	64QAM	22.33	22.53	22.42	23.00
		MID	64QAM	22.16	22.60	22.28	23.00
		HIGH	64QAM	22.37	22.85	22.07	23.00
	12	LOW	64QAM	21.48	21.37	21.32	22.00
		MID	64QAM	21.54	21.33	21.36	22.00
		HIGH	64QAM	21.41	21.60	21.26	22.00
	25	LOW	64QAM	21.47	21.43	21.46	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	**24.41**	24.26	24.20	25.00
		MID	QPSK	24.39	24.18	24.21	25.00
		HIGH	QPSK	24.35	24.10	24.20	25.00
	25	LOW	QPSK	**23.52**	23.31	23.25	24.00
		MID	QPSK	**23.52**	23.38	23.29	24.00
		HIGH	QPSK	23.51	23.32	23.29	24.00
	50	LOW	QPSK	**23.53**	23.39	23.28	24.00
10	1	LOW	Q16	23.41	23.64	23.31	24.00
		MID	Q16	23.25	23.71	23.27	24.00
		HIGH	Q16	23.29	23.71	23.21	24.00
	25	LOW	Q16	22.56	22.37	22.35	23.00
		MID	Q16	22.60	22.45	22.39	23.00
		HIGH	Q16	22.53	22.45	22.40	23.00
	50	LOW	Q16	22.53	22.42	22.33	23.00
10	1	LOW	64QAM	22.50	22.72	22.23	23.00
		MID	64QAM	22.18	22.80	22.31	23.00
		HIGH	64QAM	22.17	22.66	22.07	23.00
	25	LOW	64QAM	21.47	21.31	21.46	22.00
		MID	64QAM	21.68	21.33	21.50	22.00
		HIGH	64QAM	21.41	21.38	21.34	22.00
	50	LOW	64QAM	21.39	21.35	21.20	22.00

LTE B5-Full Power -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.25	23.08	22.93	24.00
		MID	QPSK	23.13	22.97	23.11	24.00
		HIGH	QPSK	23.23	23.21	22.87	24.00
	3	LOW	QPSK	23.36	22.97	22.93	24.00
		MID	QPSK	23.11	23.14	22.92	24.00
		HIGH	QPSK	23.08	23.07	23.00	24.00
	6	LOW	QPSK	23.34	23.24	23.17	24.00
1.4	1	LOW	Q16	23.08	23.34	23.11	24.00
		MID	Q16	22.97	23.60	22.90	24.00
		HIGH	Q16	23.20	23.43	22.99	24.00
	3	LOW	Q16	23.18	23.03	22.92	24.00
		MID	Q16	23.41	23.32	23.11	24.00
		HIGH	Q16	23.14	23.25	23.29	24.00
	6	LOW	Q16	22.51	22.31	22.18	23.00
1.4	1	LOW	64QAM	22.15	22.53	21.94	23.00
		MID	64QAM	21.83	22.33	21.96	23.00
		HIGH	64QAM	21.93	22.30	21.94	23.00
	3	LOW	64QAM	22.34	22.24	22.09	23.00
		MID	64QAM	22.19	22.04	22.09	23.00
		HIGH	64QAM	22.42	21.99	22.19	23.00
	6	LOW	64QAM	21.23	21.16	21.02	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.10	22.98	23.14	24.00
		MID	QPSK	23.29	22.95	23.14	24.00
		HIGH	QPSK	23.27	23.13	22.96	24.00
	8	LOW	QPSK	23.45	23.21	22.95	24.00
		MID	QPSK	23.34	23.29	22.94	24.00
		HIGH	QPSK	23.48	23.18	23.11	24.00
	15	LOW	QPSK	23.56	23.48	23.24	24.00
3	1	LOW	Q16	23.27	23.57	22.95	24.00
		MID	Q16	23.08	23.42	23.19	24.00
		HIGH	Q16	23.30	23.59	22.86	24.00
	8	LOW	Q16	22.41	22.21	22.10	23.00
		MID	Q16	22.46	22.05	22.23	23.00
		HIGH	Q16	22.21	22.25	22.35	23.00
	15	LOW	Q16	22.55	22.33	21.93	23.00
3	1	LOW	64QAM	22.20	22.25	21.95	23.00
		MID	64QAM	22.24	22.65	21.98	23.00
		HIGH	64QAM	22.13	22.28	21.80	23.00
	8	LOW	64QAM	21.32	21.05	21.04	23.00
		MID	64QAM	21.34	21.42	21.39	23.00
		HIGH	64QAM	21.16	21.27	21.29	23.00
	15	LOW	64QAM	21.51	21.12	21.13	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.28	22.96	23.11	24.00
		MID	QPSK	23.40	22.98	23.24	24.00
		HIGH	QPSK	23.11	23.04	22.92	24.00
	12	LOW	QPSK	23.31	23.20	23.06	24.00
		MID	QPSK	23.23	22.94	23.17	24.00
		HIGH	QPSK	23.26	23.27	22.88	24.00
	25	LOW	QPSK	23.48	23.14	23.02	24.00
5	1	LOW	Q16	22.96	23.22	23.06	24.00
		MID	Q16	23.08	23.41	23.27	24.00
		HIGH	Q16	22.84	23.23	22.73	24.00
	12	LOW	Q16	22.21	21.93	22.27	23.00
		MID	Q16	22.52	22.01	22.13	23.00
		HIGH	Q16	22.48	22.29	22.29	23.00
	25	LOW	Q16	22.40	22.29	21.99	23.00
5	1	LOW	64QAM	22.17	22.26	22.11	23.00
		MID	64QAM	22.02	22.46	21.96	23.00
		HIGH	64QAM	22.03	22.62	21.84	23.00
	12	LOW	64QAM	21.48	21.11	21.23	23.00
		MID	64QAM	21.52	21.29	21.15	23.00
		HIGH	64QAM	21.29	21.30	21.46	23.00
	25	LOW	64QAM	21.19	21.02	21.08	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.20	23.08	22.95	24.00
		MID	QPSK	23.20	22.90	23.08	24.00
		HIGH	QPSK	23.22	22.95	23.01	24.00
	25	LOW	QPSK	23.28	23.14	22.95	24.00
		MID	QPSK	23.50	23.23	23.04	24.00
		HIGH	QPSK	23.31	23.05	23.26	24.00
	50	LOW	QPSK	23.36	23.24	23.25	24.00
10	1	LOW	Q16	23.15	23.54	22.98	24.00
		MID	Q16	22.98	23.43	22.99	24.00
		HIGH	Q16	22.95	23.52	23.01	24.00
	25	LOW	Q16	22.36	22.05	22.28	23.00
		MID	Q16	22.37	22.21	22.22	23.00
		HIGH	Q16	22.32	22.25	22.29	23.00
	50	LOW	Q16	22.46	22.08	22.24	23.00
10	1	LOW	64QAM	22.30	22.35	21.98	23.00
		MID	64QAM	22.15	22.20	21.95	23.00
		HIGH	64QAM	22.00	22.61	21.71	23.00
	25	LOW	64QAM	21.41	21.22	21.41	23.00
		MID	64QAM	21.49	21.14	21.24	23.00
		HIGH	64QAM	21.23	21.07	21.32	23.00
	50	LOW	64QAM	21.26	21.21	21.34	22.00

LTE B5-Level1-Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.78	18.77	18.64	20.00
		MID	QPSK	18.86	18.68	18.57	20.00
		HIGH	QPSK	18.76	18.71	18.63	20.00
	3	LOW	QPSK	19.09	18.89	18.79	20.00
		MID	QPSK	19.11	18.98	18.82	20.00
		HIGH	QPSK	18.87	18.89	18.65	20.00
	6	LOW	QPSK	19.10	18.85	18.85	20.00
1.4	1	LOW	Q16	18.77	18.88	18.38	20.00
		MID	Q16	18.60	19.01	18.38	20.00
		HIGH	Q16	18.64	19.12	18.23	20.00
	3	LOW	Q16	19.15	18.96	18.84	20.00
		MID	Q16	19.26	19.03	18.84	20.00
		HIGH	Q16	18.89	18.86	18.73	20.00
	6	LOW	Q16	19.09	18.90	18.88	20.00
1.4	1	LOW	64QAM	18.67	19.17	18.57	20.00
		MID	64QAM	18.74	19.05	18.60	20.00
		HIGH	64QAM	18.67	18.96	18.39	20.00
	3	LOW	64QAM	18.98	18.79	18.84	20.00
		MID	64QAM	19.08	19.00	18.96	20.00
		HIGH	64QAM	18.89	18.95	19.02	20.00
	6	LOW	64QAM	19.11	18.91	18.60	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	18.72	18.64	18.95	20.00
		MID	QPSK	18.96	18.67	18.75	20.00
		HIGH	QPSK	18.84	18.59	18.49	20.00
	8	LOW	QPSK	18.95	18.83	18.74	20.00
		MID	QPSK	19.07	19.04	18.61	20.00
		HIGH	QPSK	19.01	18.81	18.90	20.00
	15	LOW	QPSK	19.01	18.94	18.73	20.00
3	1	LOW	Q16	18.60	18.92	18.35	20.00
		MID	Q16	18.39	19.10	18.29	20.00
		HIGH	Q16	18.71	18.96	18.51	20.00
	8	LOW	Q16	18.86	18.75	19.00	20.00
		MID	Q16	19.02	18.98	18.71	20.00
		HIGH	Q16	19.01	18.99	19.04	20.00
	15	LOW	Q16	18.98	18.77	18.97	20.00
3	1	LOW	64QAM	18.80	18.96	18.59	20.00
		MID	64QAM	18.62	18.94	18.39	20.00
		HIGH	64QAM	18.70	18.92	18.38	20.00
	8	LOW	64QAM	18.94	18.91	18.72	20.00
		MID	64QAM	19.22	18.77	18.84	20.00
		HIGH	64QAM	19.21	19.00	18.91	20.00
	15	LOW	64QAM	19.19	19.02	18.97	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	18.94	18.79	18.88	20.00
		MID	QPSK	18.88	18.78	18.64	20.00
		HIGH	QPSK	18.91	18.49	18.52	20.00
	12	LOW	QPSK	19.15	18.71	18.74	20.00
		MID	QPSK	19.08	18.93	18.93	20.00
		HIGH	QPSK	19.10	18.94	18.68	20.00
	25	LOW	QPSK	19.24	18.97	18.59	20.00
5	1	LOW	Q16	18.82	18.91	18.51	20.00
		MID	Q16	18.53	19.02	18.47	20.00
		HIGH	Q16	18.55	18.77	18.40	20.00
	12	LOW	Q16	19.08	18.95	18.89	20.00
		MID	Q16	18.88	18.72	18.81	20.00
		HIGH	Q16	19.08	19.04	18.98	20.00
	25	LOW	Q16	19.13	19.02	18.73	20.00
5	1	LOW	64QAM	18.75	19.16	18.58	20.00
		MID	64QAM	18.51	18.80	18.69	20.00
		HIGH	64QAM	18.65	19.15	18.46	20.00
	12	LOW	64QAM	19.16	19.09	18.87	20.00
		MID	64QAM	18.89	18.86	18.89	20.00
		HIGH	64QAM	18.83	18.92	18.88	20.00
	25	LOW	64QAM	18.83	18.74	18.78	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	18.84	18.82	18.71	20.00
		MID	QPSK	**18.91**	18.64	18.55	20.00
		HIGH	QPSK	18.88	18.63	18.54	20.00
	25	LOW	QPSK	18.93	18.78	18.80	20.00
		MID	QPSK	**19.15**	18.91	18.71	20.00
		HIGH	QPSK	18.99	18.82	18.88	20.00
	50	LOW	QPSK	**19.03**	18.93	18.73	20.00
10	1	LOW	Q16	18.77	18.96	18.45	20.00
		MID	Q16	18.55	18.89	18.42	20.00
		HIGH	Q16	18.52	19.04	18.46	20.00
	25	LOW	Q16	18.98	18.84	18.80	20.00
		MID	Q16	19.01	18.95	18.94	20.00
		HIGH	Q16	19.08	18.88	18.84	20.00
	50	LOW	Q16	19.12	18.98	18.78	20.00
10	1	LOW	64QAM	18.63	19.04	18.45	20.00
		MID	64QAM	18.37	19.01	18.50	20.00
		HIGH	64QAM	18.48	19.10	18.29	20.00
	25	LOW	64QAM	18.88	18.84	18.70	20.00
		MID	64QAM	19.05	19.05	19.03	20.00
		HIGH	64QAM	19.03	19.13	18.91	20.00
	50	LOW	64QAM	19.21	18.95	18.69	20.00

LTE B5-Level2 -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.25	23.08	22.93	24.00
		MID	QPSK	23.13	22.97	23.11	24.00
		HIGH	QPSK	23.23	23.21	22.87	24.00
	3	LOW	QPSK	23.36	22.97	22.93	24.00
		MID	QPSK	23.11	23.14	22.92	24.00
		HIGH	QPSK	23.08	23.07	23.00	24.00
	6	LOW	QPSK	23.34	23.24	23.17	24.00
1.4	1	LOW	Q16	23.08	23.34	23.11	24.00
		MID	Q16	22.97	23.60	22.90	24.00
		HIGH	Q16	23.20	23.43	22.99	24.00
	3	LOW	Q16	23.18	23.03	22.92	24.00
		MID	Q16	23.41	23.32	23.11	24.00
		HIGH	Q16	23.14	23.25	23.29	24.00
	6	LOW	Q16	22.51	22.31	22.18	23.00
1.4	1	LOW	64QAM	22.15	22.53	21.94	23.00
		MID	64QAM	21.83	22.33	21.96	23.00
		HIGH	64QAM	21.93	22.30	21.94	23.00
	3	LOW	64QAM	22.34	22.24	22.09	23.00
		MID	64QAM	22.19	22.04	22.09	23.00
		HIGH	64QAM	22.42	21.99	22.19	23.00
	6	LOW	64QAM	21.23	21.16	21.02	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.10	22.98	23.14	24.00
		MID	QPSK	23.29	22.95	23.14	24.00
		HIGH	QPSK	23.27	23.13	22.96	24.00
	8	LOW	QPSK	23.45	23.21	22.95	24.00
		MID	QPSK	23.34	23.29	22.94	24.00
		HIGH	QPSK	23.48	23.18	23.11	24.00
	15	LOW	QPSK	23.56	23.48	23.24	24.00
3	1	LOW	Q16	23.27	23.57	22.95	24.00
		MID	Q16	23.08	23.42	23.19	24.00
		HIGH	Q16	23.30	23.59	22.86	24.00
	8	LOW	Q16	22.41	22.21	22.10	23.00
		MID	Q16	22.46	22.05	22.23	23.00
		HIGH	Q16	22.21	22.25	22.35	23.00
	15	LOW	Q16	22.55	22.33	21.93	23.00
3	1	LOW	64QAM	22.20	22.25	21.95	23.00
		MID	64QAM	22.24	22.65	21.98	23.00
		HIGH	64QAM	22.13	22.28	21.80	23.00
	8	LOW	64QAM	21.32	21.05	21.04	23.00
		MID	64QAM	21.34	21.42	21.39	23.00
		HIGH	64QAM	21.16	21.27	21.29	23.00
	15	LOW	64QAM	21.51	21.12	21.13	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.28	22.96	23.11	24.00
		MID	QPSK	23.40	22.98	23.24	24.00
		HIGH	QPSK	23.11	23.04	22.92	24.00
	12	LOW	QPSK	23.31	23.20	23.06	24.00
		MID	QPSK	23.23	22.94	23.17	24.00
		HIGH	QPSK	23.26	23.27	22.88	24.00
	25	LOW	QPSK	23.48	23.14	23.02	24.00
5	1	LOW	Q16	22.96	23.22	23.06	24.00
		MID	Q16	23.08	23.41	23.27	24.00
		HIGH	Q16	22.84	23.23	22.73	24.00
	12	LOW	Q16	22.21	21.93	22.27	23.00
		MID	Q16	22.52	22.01	22.13	23.00
		HIGH	Q16	22.48	22.29	22.29	23.00
	25	LOW	Q16	22.40	22.29	21.99	23.00
5	1	LOW	64QAM	22.17	22.26	22.11	23.00
		MID	64QAM	22.02	22.46	21.96	23.00
		HIGH	64QAM	22.03	22.62	21.84	23.00
	12	LOW	64QAM	21.48	21.11	21.23	23.00
		MID	64QAM	21.52	21.29	21.15	23.00
		HIGH	64QAM	21.29	21.30	21.46	23.00
	25	LOW	64QAM	21.19	21.02	21.08	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.20	23.08	22.95	24.00
		MID	QPSK	23.20	22.90	23.08	24.00
		HIGH	QPSK	**23.22**	22.95	23.01	24.00
	25	LOW	QPSK	23.28	23.14	22.95	24.00
		MID	QPSK	**23.50**	23.23	23.04	24.00
		HIGH	QPSK	23.31	23.05	23.26	24.00
	50	LOW	QPSK	**23.36**	23.24	23.25	24.00
10	1	LOW	Q16	23.15	23.54	22.98	24.00
		MID	Q16	22.98	23.43	22.99	24.00
		HIGH	Q16	22.95	23.52	23.01	24.00
	25	LOW	Q16	22.36	22.05	22.28	23.00
		MID	Q16	22.37	22.21	22.22	23.00
		HIGH	Q16	22.32	22.25	22.29	23.00
	50	LOW	Q16	22.46	22.08	22.24	23.00
10	1	LOW	64QAM	22.30	22.35	21.98	23.00
		MID	64QAM	22.15	22.20	21.95	23.00
		HIGH	64QAM	22.00	22.61	21.71	23.00
	25	LOW	64QAM	21.41	21.22	21.41	23.00
		MID	64QAM	21.49	21.14	21.24	23.00
		HIGH	64QAM	21.23	21.07	21.32	23.00
	50	LOW	64QAM	21.26	21.21	21.34	22.00

LTE B5-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.33	22.87	24.00
		MID	QPSK	23.52	23.29	23.19	24.00
		HIGH	QPSK	23.13	22.87	23.02	24.00
	3	LOW	QPSK	23.22	23.11	23.07	24.00
		MID	QPSK	23.28	23.22	22.98	24.00
		HIGH	QPSK	23.40	23.09	23.27	24.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.01	23.67	23.04	24.00
		MID	Q16	23.12	23.43	22.97	24.00
		HIGH	Q16	23.10	23.57	23.27	24.00
	3	LOW	Q16	23.13	23.38	23.10	24.00
		MID	Q16	23.65	23.29	23.34	24.00
		HIGH	Q16	23.27	23.31	23.11	24.00
	6	LOW	Q16	22.32	22.35	22.20	23.00
1.4	1	LOW	64QAM	22.22	22.54	22.18	23.00
		MID	64QAM	22.00	22.78	22.21	23.00
		HIGH	64QAM	22.10	22.42	22.03	23.00
	3	LOW	64QAM	22.23	22.15	22.29	23.00
		MID	64QAM	22.40	22.49	21.98	23.00
		HIGH	64QAM	22.31	22.12	22.25	23.00
	6	LOW	64QAM	21.45	21.42	21.42	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.25	23.02	24.00
		MID	QPSK	23.43	22.97	23.19	24.00
		HIGH	QPSK	23.31	23.05	23.28	24.00
	8	LOW	QPSK	23.60	23.34	23.07	24.00
		MID	QPSK	23.51	23.29	23.22	24.00
		HIGH	QPSK	23.41	23.26	23.30	24.00
	15	LOW	QPSK	23.59	23.43	23.11	24.00
3	1	LOW	Q16	23.07	23.31	23.19	24.00
		MID	Q16	23.08	23.58	23.12	24.00
		HIGH	Q16	23.18	23.51	22.81	24.00
	8	LOW	Q16	22.36	22.42	22.44	23.00
		MID	Q16	22.46	22.41	22.42	23.00
		HIGH	Q16	22.50	22.60	22.61	23.00
	15	LOW	Q16	22.54	22.14	22.46	23.00
3	1	LOW	64QAM	22.05	22.35	22.09	23.00
		MID	64QAM	22.17	22.57	22.31	23.00
		HIGH	64QAM	21.92	22.51	22.17	23.00
	8	LOW	64QAM	21.38	21.33	21.38	23.00
		MID	64QAM	21.40	21.22	21.41	23.00
		HIGH	64QAM	21.47	21.48	21.23	23.00
	15	LOW	64QAM	21.53	21.11	21.19	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.46	23.24	23.04	24.00
		MID	QPSK	23.32	23.27	23.33	24.00
		HIGH	QPSK	23.48	23.00	22.96	24.00
	12	LOW	QPSK	23.70	23.04	23.16	24.00
		MID	QPSK	23.41	23.47	23.16	24.00
		HIGH	QPSK	23.39	23.42	23.28	24.00
	25	LOW	QPSK	23.48	23.51	23.20	24.00
5	1	LOW	Q16	23.50	23.31	22.98	24.00
		MID	Q16	23.20	23.39	23.25	24.00
		HIGH	Q16	22.96	23.45	23.06	24.00
	12	LOW	Q16	22.56	22.39	22.21	23.00
		MID	Q16	22.39	22.58	22.47	23.00
		HIGH	Q16	22.68	22.44	22.35	23.00
	25	LOW	Q16	22.46	22.41	22.14	23.00
5	1	LOW	64QAM	22.13	22.33	22.16	23.00
		MID	64QAM	22.04	22.41	22.12	23.00
		HIGH	64QAM	22.16	22.65	22.04	23.00
	12	LOW	64QAM	21.30	21.46	21.35	23.00
		MID	64QAM	21.53	21.31	21.18	23.00
		HIGH	64QAM	21.34	21.46	21.21	23.00
	25	LOW	64QAM	21.42	21.38	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.30	23.21	24.00
		MID	QPSK	23.46	23.28	23.23	24.00
		HIGH	QPSK	23.45	22.92	23.03	24.00
	25	LOW	QPSK	23.53	23.37	23.34	24.00
		MID	QPSK	23.47	23.45	23.15	24.00
		HIGH	QPSK	23.61	23.32	23.32	24.00
	50	LOW	QPSK	23.47	23.46	23.14	24.00
10	1	LOW	Q16	23.28	23.56	23.07	24.00
		MID	Q16	23.04	23.51	23.19	24.00
		HIGH	Q16	23.23	23.48	23.18	24.00
	25	LOW	Q16	22.56	22.23	22.35	23.00
		MID	Q16	22.54	22.29	22.36	23.00
		HIGH	Q16	22.56	22.48	22.39	23.00
	50	LOW	Q16	22.48	22.31	22.17	23.00
10	1	LOW	64QAM	22.33	22.57	21.95	23.00
		MID	64QAM	21.98	22.56	22.09	23.00
		HIGH	64QAM	21.96	22.63	22.07	23.00
	25	LOW	64QAM	21.43	21.14	21.35	23.00
		MID	64QAM	21.60	21.32	21.32	23.00
		HIGH	64QAM	21.23	21.22	21.43	23.00
	50	LOW	64QAM	21.39	21.45	21.19	22.00

LTE B5-Level1 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.33	22.87	24.00
		MID	QPSK	23.52	23.29	23.19	24.00
		HIGH	QPSK	23.13	22.87	23.02	24.00
	3	LOW	QPSK	23.22	23.11	23.07	24.00
		MID	QPSK	23.28	23.22	22.98	24.00
		HIGH	QPSK	23.40	23.09	23.27	24.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.01	23.67	23.04	24.00
		MID	Q16	23.12	23.43	22.97	24.00
		HIGH	Q16	23.10	23.57	23.27	24.00
	3	LOW	Q16	23.13	23.38	23.10	24.00
		MID	Q16	23.65	23.29	23.34	24.00
		HIGH	Q16	23.27	23.31	23.11	24.00
	6	LOW	Q16	22.32	22.35	22.20	23.00
1.4	1	LOW	64QAM	22.22	22.54	22.18	23.00
		MID	64QAM	22.00	22.78	22.21	23.00
		HIGH	64QAM	22.10	22.42	22.03	23.00
	3	LOW	64QAM	22.23	22.15	22.29	23.00
		MID	64QAM	22.40	22.49	21.98	23.00
		HIGH	64QAM	22.31	22.12	22.25	23.00
	6	LOW	64QAM	21.45	21.42	21.42	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.25	23.02	24.00
		MID	QPSK	23.43	22.97	23.19	24.00
		HIGH	QPSK	23.31	23.05	23.28	24.00
	8	LOW	QPSK	23.60	23.34	23.07	24.00
		MID	QPSK	23.51	23.29	23.22	24.00
		HIGH	QPSK	23.41	23.26	23.30	24.00
	15	LOW	QPSK	23.59	23.43	23.11	24.00
3	1	LOW	Q16	23.07	23.31	23.19	24.00
		MID	Q16	23.08	23.58	23.12	24.00
		HIGH	Q16	23.18	23.51	22.81	24.00
	8	LOW	Q16	22.36	22.42	22.44	23.00
		MID	Q16	22.46	22.41	22.42	23.00
		HIGH	Q16	22.50	22.60	22.61	23.00
	15	LOW	Q16	22.54	22.14	22.46	23.00
3	1	LOW	64QAM	22.05	22.35	22.09	23.00
		MID	64QAM	22.17	22.57	22.31	23.00
		HIGH	64QAM	21.92	22.51	22.17	23.00
	8	LOW	64QAM	21.38	21.33	21.38	23.00
		MID	64QAM	21.40	21.22	21.41	23.00
		HIGH	64QAM	21.47	21.48	21.23	23.00
	15	LOW	64QAM	21.53	21.11	21.19	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.46	23.24	23.04	24.00
		MID	QPSK	23.32	23.27	23.33	24.00
		HIGH	QPSK	23.48	23.00	22.96	24.00
	12	LOW	QPSK	23.70	23.04	23.16	24.00
		MID	QPSK	23.41	23.47	23.16	24.00
		HIGH	QPSK	23.39	23.42	23.28	24.00
	25	LOW	QPSK	23.48	23.51	23.20	24.00
5	1	LOW	Q16	23.50	23.31	22.98	24.00
		MID	Q16	23.20	23.39	23.25	24.00
		HIGH	Q16	22.96	23.45	23.06	24.00
	12	LOW	Q16	22.56	22.39	22.21	23.00
		MID	Q16	22.39	22.58	22.47	23.00
		HIGH	Q16	22.68	22.44	22.35	23.00
	25	LOW	Q16	22.46	22.41	22.14	23.00
5	1	LOW	64QAM	22.13	22.33	22.16	23.00
		MID	64QAM	22.04	22.41	22.12	23.00
		HIGH	64QAM	22.16	22.65	22.04	23.00
	12	LOW	64QAM	21.30	21.46	21.35	23.00
		MID	64QAM	21.53	21.31	21.18	23.00
		HIGH	64QAM	21.34	21.46	21.21	23.00
	25	LOW	64QAM	21.42	21.38	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.30	23.21	24.00
		MID	QPSK	**23.46**	23.28	23.23	24.00
		HIGH	QPSK	23.45	22.92	23.03	24.00
	25	LOW	QPSK	23.53	23.37	23.34	24.00
		MID	QPSK	23.47	23.45	23.15	24.00
		HIGH	QPSK	**23.61**	23.32	23.32	24.00
	50	LOW	QPSK	**23.47**	23.46	23.14	24.00
10	1	LOW	Q16	23.28	23.56	23.07	24.00
		MID	Q16	23.04	23.51	23.19	24.00
		HIGH	Q16	23.23	23.48	23.18	24.00
	25	LOW	Q16	22.56	22.23	22.35	23.00
		MID	Q16	22.54	22.29	22.36	23.00
		HIGH	Q16	22.56	22.48	22.39	23.00
	50	LOW	Q16	22.48	22.31	22.17	23.00
10	1	LOW	64QAM	22.33	22.57	21.95	23.00
		MID	64QAM	21.98	22.56	22.09	23.00
		HIGH	64QAM	21.96	22.63	22.07	23.00
	25	LOW	64QAM	21.43	21.14	21.35	23.00
		MID	64QAM	21.60	21.32	21.32	23.00
		HIGH	64QAM	21.23	21.22	21.43	23.00
	50	LOW	64QAM	21.39	21.45	21.19	22.00

LTE B5-Level2 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.15	23.33	22.87	24.00
		MID	QPSK	23.52	23.29	23.19	24.00
		HIGH	QPSK	23.13	22.87	23.02	24.00
	3	LOW	QPSK	23.22	23.11	23.07	24.00
		MID	QPSK	23.28	23.22	22.98	24.00
		HIGH	QPSK	23.40	23.09	23.27	24.00
	6	LOW	QPSK	23.48	23.52	23.41	24.00
1.4	1	LOW	Q16	23.01	23.67	23.04	24.00
		MID	Q16	23.12	23.43	22.97	24.00
		HIGH	Q16	23.10	23.57	23.27	24.00
	3	LOW	Q16	23.13	23.38	23.10	24.00
		MID	Q16	23.65	23.29	23.34	24.00
		HIGH	Q16	23.27	23.31	23.11	24.00
	6	LOW	Q16	22.32	22.35	22.20	23.00
1.4	1	LOW	64QAM	22.22	22.54	22.18	23.00
		MID	64QAM	22.00	22.78	22.21	23.00
		HIGH	64QAM	22.10	22.42	22.03	23.00
	3	LOW	64QAM	22.23	22.15	22.29	23.00
		MID	64QAM	22.40	22.49	21.98	23.00
		HIGH	64QAM	22.31	22.12	22.25	23.00
	6	LOW	64QAM	21.45	21.42	21.42	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	23.11	23.25	23.02	24.00
		MID	QPSK	23.43	22.97	23.19	24.00
		HIGH	QPSK	23.31	23.05	23.28	24.00
	8	LOW	QPSK	23.60	23.34	23.07	24.00
		MID	QPSK	23.51	23.29	23.22	24.00
		HIGH	QPSK	23.41	23.26	23.30	24.00
	15	LOW	QPSK	23.59	23.43	23.11	24.00
3	1	LOW	Q16	23.07	23.31	23.19	24.00
		MID	Q16	23.08	23.58	23.12	24.00
		HIGH	Q16	23.18	23.51	22.81	24.00
	8	LOW	Q16	22.36	22.42	22.44	23.00
		MID	Q16	22.46	22.41	22.42	23.00
		HIGH	Q16	22.50	22.60	22.61	23.00
	15	LOW	Q16	22.54	22.14	22.46	23.00
3	1	LOW	64QAM	22.05	22.35	22.09	23.00
		MID	64QAM	22.17	22.57	22.31	23.00
		HIGH	64QAM	21.92	22.51	22.17	23.00
	8	LOW	64QAM	21.38	21.33	21.38	23.00
		MID	64QAM	21.40	21.22	21.41	23.00
		HIGH	64QAM	21.47	21.48	21.23	23.00
	15	LOW	64QAM	21.53	21.11	21.19	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	23.46	23.24	23.04	24.00
		MID	QPSK	23.32	23.27	23.33	24.00
		HIGH	QPSK	23.48	23.00	22.96	24.00
	12	LOW	QPSK	23.70	23.04	23.16	24.00
		MID	QPSK	23.41	23.47	23.16	24.00
		HIGH	QPSK	23.39	23.42	23.28	24.00
	25	LOW	QPSK	23.48	23.51	23.20	24.00
5	1	LOW	Q16	23.50	23.31	22.98	24.00
		MID	Q16	23.20	23.39	23.25	24.00
		HIGH	Q16	22.96	23.45	23.06	24.00
	12	LOW	Q16	22.56	22.39	22.21	23.00
		MID	Q16	22.39	22.58	22.47	23.00
		HIGH	Q16	22.68	22.44	22.35	23.00
	25	LOW	Q16	22.46	22.41	22.14	23.00
5	1	LOW	64QAM	22.13	22.33	22.16	23.00
		MID	64QAM	22.04	22.41	22.12	23.00
		HIGH	64QAM	22.16	22.65	22.04	23.00
	12	LOW	64QAM	21.30	21.46	21.35	23.00
		MID	64QAM	21.53	21.31	21.18	23.00
		HIGH	64QAM	21.34	21.46	21.21	23.00
	25	LOW	64QAM	21.42	21.38	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.30	23.21	24.00
		MID	QPSK	**23.46**	23.28	23.23	24.00
		HIGH	QPSK	23.45	22.92	23.03	24.00
	25	LOW	QPSK	23.53	23.37	23.34	24.00
		MID	QPSK	23.47	23.45	23.15	24.00
		HIGH	QPSK	**23.61**	23.32	23.32	24.00
	50	LOW	QPSK	**23.47**	23.46	23.14	24.00
10	1	LOW	Q16	23.28	23.56	23.07	24.00
		MID	Q16	23.04	23.51	23.19	24.00
		HIGH	Q16	23.23	23.48	23.18	24.00
	25	LOW	Q16	22.56	22.23	22.35	23.00
		MID	Q16	22.54	22.29	22.36	23.00
		HIGH	Q16	22.56	22.48	22.39	23.00
	50	LOW	Q16	22.48	22.31	22.17	23.00
10	1	LOW	64QAM	22.33	22.57	21.95	23.00
		MID	64QAM	21.98	22.56	22.09	23.00
		HIGH	64QAM	21.96	22.63	22.07	23.00
	25	LOW	64QAM	21.43	21.14	21.35	23.00
		MID	64QAM	21.60	21.32	21.32	23.00
		HIGH	64QAM	21.23	21.22	21.43	23.00
	50	LOW	64QAM	21.39	21.45	21.19	22.00

8.3.4 LTE Band7 Output Power

LTE B7-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.44	23.42	24.20
		MID	QPSK	23.44	23.43	23.34	24.20
		HIGH	QPSK	23.51	23.63	23.61	24.20
	12	LOW	QPSK	22.63	22.52	22.77	23.20
		MID	QPSK	22.70	22.45	22.58	23.20
		HIGH	QPSK	22.47	22.75	22.63	23.20
	25	LOW	QPSK	22.72	22.60	22.68	23.20
5	1	LOW	Q16	22.96	22.85	22.86	23.20
		MID	Q16	22.96	22.79	22.75	23.20
		HIGH	Q16	22.81	22.92	22.97	23.20
	12	LOW	Q16	21.66	21.49	21.77	22.20
		MID	Q16	21.78	21.49	21.54	22.20
		HIGH	Q16	21.76	21.82	21.54	22.20
	25	LOW	Q16	21.65	21.68	21.72	22.20
5	1	LOW	64QAM	21.90	21.88	21.89	22.20
		MID	64QAM	21.80	21.90	21.99	22.20
		HIGH	64QAM	21.74	21.81	21.83	22.20
	12	LOW	64QAM	20.41	20.68	20.50	21.20
		MID	64QAM	20.72	20.54	20.80	21.20
		HIGH	64QAM	20.47	20.76	20.57	21.20
	25	LOW	64QAM	20.80	20.66	20.66	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.50	23.34	24.20
		MID	QPSK	23.30	23.45	23.34	24.20
		HIGH	QPSK	23.64	23.67	23.50	24.20
	25	LOW	QPSK	22.56	22.49	22.73	23.20
		MID	QPSK	22.54	22.47	22.52	23.20
		HIGH	QPSK	22.60	22.54	22.62	23.20
	50	LOW	QPSK	22.68	22.69	22.68	23.20
10	1	LOW	Q16	22.82	22.93	22.99	23.20
		MID	Q16	22.82	22.79	22.81	23.20
		HIGH	Q16	22.85	22.81	22.82	23.20
	25	LOW	Q16	21.60	21.47	21.64	22.20
		MID	Q16	21.78	21.62	21.80	22.20
		HIGH	Q16	21.55	21.65	21.53	22.20
	50	LOW	Q16	21.52	21.68	21.73	22.20
10	1	LOW	64QAM	21.89	21.84	21.98	22.20
		MID	64QAM	21.85	21.82	21.79	22.20
		HIGH	64QAM	21.79	21.95	21.98	22.20
	25	LOW	64QAM	20.45	20.70	20.75	21.20
		MID	64QAM	20.56	20.68	20.72	21.20
		HIGH	64QAM	20.73	20.72	20.72	21.20
	50	LOW	64QAM	20.55	20.42	20.78	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.40	23.60	23.41	24.20
		MID	QPSK	23.53	23.48	23.51	24.20
		HIGH	QPSK	23.54	23.45	23.41	24.20
	36	LOW	QPSK	22.48	22.73	22.68	23.20
		MID	QPSK	22.73	22.55	22.52	23.20
		HIGH	QPSK	22.63	22.56	22.75	23.20
	75	LOW	QPSK	22.73	22.62	22.75	23.20
15	1	LOW	Q16	22.81	22.70	22.98	23.20
		MID	Q16	22.90	22.66	22.95	23.20
		HIGH	Q16	22.85	22.84	22.87	23.20
	36	LOW	Q16	21.56	21.57	21.67	22.20
		MID	Q16	21.64	21.75	21.59	22.20
		HIGH	Q16	21.55	21.65	21.80	22.20
	75	LOW	Q16	21.79	21.60	21.79	22.20
15	1	LOW	64QAM	21.89	21.81	21.79	22.20
		MID	64QAM	21.82	21.92	21.83	22.20
		HIGH	64QAM	21.82	21.75	21.88	22.20
	36	LOW	64QAM	20.65	20.63	20.68	21.20
		MID	64QAM	20.73	20.66	20.82	21.20
		HIGH	64QAM	20.56	20.82	20.58	21.20
	75	LOW	64QAM	20.51	20.67	20.60	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.38	23.47	23.42	24.20
		MID	QPSK	23.41	23.54	23.44	24.20
		HIGH	QPSK	23.52	23.60	23.52	24.20
	50	LOW	QPSK	22.51	22.58	22.63	23.20
		MID	QPSK	22.61	22.59	22.64	23.20
		HIGH	QPSK	22.60	22.66	22.67	23.20
	100	LOW	QPSK	22.61	22.59	22.66	23.20
20	1	LOW	Q16	22.93	22.95	22.92	23.20
		MID	Q16	22.81	22.94	22.91	23.20
		HIGH	Q16	22.76	22.99	22.99	23.20
	50	LOW	Q16	21.55	21.61	21.62	22.20
		MID	Q16	21.64	21.62	21.67	22.20
		HIGH	Q16	21.62	21.67	21.66	22.20
	100	LOW	Q16	21.66	21.56	21.68	22.20
20	1	LOW	64QAM	21.80	21.93	21.81	22.20
		MID	64QAM	21.88	21.98	21.82	22.20
		HIGH	64QAM	21.97	21.79	21.85	22.20
	50	LOW	64QAM	20.45	20.74	20.56	21.20
		MID	64QAM	20.59	20.71	20.69	21.20
		HIGH	64QAM	20.53	20.80	20.76	21.20
	100	LOW	64QAM	20.52	20.61	20.61	21.20

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.22	15.06	15.06	16.70
		MID	QPSK	15.39	15.22	15.10	16.70
		HIGH	QPSK	15.18	15.23	15.48	16.70
	12	LOW	QPSK	15.22	15.43	15.22	16.70
		MID	QPSK	15.40	15.24	15.30	16.70
		HIGH	QPSK	15.42	15.19	15.56	16.70
	25	LOW	QPSK	15.35	15.41	15.26	16.70
5	1	LOW	Q16	15.58	15.65	15.71	16.70
		MID	Q16	15.60	15.48	15.78	16.70
		HIGH	Q16	15.71	15.60	16.00	16.70
	12	LOW	Q16	15.35	15.18	15.44	16.70
		MID	Q16	15.29	15.40	15.19	16.70
		HIGH	Q16	15.49	15.39	15.33	16.70
	25	LOW	Q16	15.31	15.31	15.49	16.70
5	1	LOW	64QAM	15.49	15.43	15.60	16.70
		MID	64QAM	15.46	15.63	15.67	16.70
		HIGH	64QAM	15.70	15.72	15.75	16.70
	12	LOW	64QAM	15.40	15.28	15.45	16.70
		MID	64QAM	15.25	15.11	15.44	16.70
		HIGH	64QAM	15.26	15.48	15.45	16.70
	25	LOW	64QAM	15.43	15.20	15.26	16.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.29	14.97	15.18	16.70
		MID	QPSK	15.19	15.15	15.25	16.70
		HIGH	QPSK	15.01	15.18	15.23	16.70
	25	LOW	QPSK	15.25	15.30	15.28	16.70
		MID	QPSK	15.25	15.27	15.45	16.70
		HIGH	QPSK	15.16	15.35	15.48	16.70
	50	LOW	QPSK	15.17	15.15	15.25	16.70
10	1	LOW	Q16	15.59	15.58	15.73	16.70
		MID	Q16	15.51	15.63	15.89	16.70
		HIGH	Q16	15.67	15.66	15.77	16.70
	25	LOW	Q16	15.50	15.13	15.29	16.70
		MID	Q16	15.44	15.23	15.36	16.70
		HIGH	Q16	15.32	15.37	15.41	16.70
	50	LOW	Q16	15.43	15.35	15.49	16.70
10	1	LOW	64QAM	15.52	15.67	15.64	16.70
		MID	64QAM	15.69	15.63	15.85	16.70
		HIGH	64QAM	15.77	15.75	15.93	16.70
	25	LOW	64QAM	15.35	15.34	15.47	16.70
		MID	64QAM	15.37	15.37	15.28	16.70
		HIGH	64QAM	15.50	15.32	15.48	16.70
	50	LOW	64QAM	15.42	15.16	15.39	16.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.05	15.15	15.12	16.70
		MID	QPSK	15.38	15.27	15.29	16.70
		HIGH	QPSK	15.08	15.21	15.43	16.70
	36	LOW	QPSK	15.37	15.27	15.48	16.70
		MID	QPSK	15.19	15.21	15.20	16.70
		HIGH	QPSK	15.21	15.23	15.34	16.70
	75	LOW	QPSK	15.20	15.16	15.18	16.70
15	1	LOW	Q16	15.59	15.50	15.86	16.70
		MID	Q16	15.50	15.58	15.70	16.70
		HIGH	Q16	15.80	15.64	15.73	16.70
	36	LOW	Q16	15.29	15.21	15.30	16.70
		MID	Q16	15.52	15.28	15.28	16.70
		HIGH	Q16	15.28	15.38	15.37	16.70
	75	LOW	Q16	15.32	15.21	15.24	16.70
15	1	LOW	64QAM	15.68	15.47	15.59	16.70
		MID	64QAM	15.75	15.65	15.83	16.70
		HIGH	64QAM	15.87	15.53	15.84	16.70
	36	LOW	64QAM	15.50	15.21	15.34	16.70
		MID	64QAM	15.45	15.18	15.18	16.70
		HIGH	64QAM	15.53	15.36	15.39	16.70
	75	LOW	64QAM	15.48	15.22	15.26	16.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.17	15.12	15.13	16.70
		MID	QPSK	15.24	15.12	**15.33**	16.70
		HIGH	QPSK	15.14	15.18	15.20	16.70
	50	LOW	QPSK	15.32	15.28	15.33	16.70
		MID	QPSK	15.30	15.26	**15.41**	16.70
		HIGH	QPSK	15.31	15.34	15.32	16.70
	100	LOW	QPSK	**15.32**	15.27	15.28	16.70
20	1	LOW	Q16	15.58	15.55	15.71	16.70
		MID	Q16	15.61	15.60	15.81	16.70
		HIGH	Q16	15.73	15.63	15.85	16.70
	50	LOW	Q16	15.39	15.28	15.38	16.70
		MID	Q16	15.40	15.25	15.32	16.70
		HIGH	Q16	15.38	15.33	15.42	16.70
	100	LOW	Q16	15.38	15.29	15.35	16.70
20	1	LOW	64QAM	15.60	15.51	15.65	16.70
		MID	64QAM	15.68	15.69	15.84	16.70
		HIGH	64QAM	15.68	15.54	15.71	16.70
	50	LOW	64QAM	15.53	15.39	15.28	16.70
		MID	64QAM	15.50	15.14	15.46	16.70
		HIGH	64QAM	15.38	15.23	15.28	16.70
	100	LOW	64QAM	15.37	15.25	15.42	16.70

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.46	17.36	17.42	18.70
		MID	QPSK	17.72	17.48	17.60	18.70
		HIGH	QPSK	17.47	17.49	17.52	18.70
	12	LOW	QPSK	17.53	17.68	17.80	18.70
		MID	QPSK	17.76	17.58	17.62	18.70
		HIGH	QPSK	17.68	17.78	17.70	18.70
	25	LOW	QPSK	17.65	17.77	17.57	18.70
5	1	LOW	Q16	17.97	18.02	18.05	18.70
		MID	Q16	17.99	17.99	17.99	18.70
		HIGH	Q16	18.14	18.01	18.00	18.70
	12	LOW	Q16	17.77	17.67	17.55	18.70
		MID	Q16	17.67	17.79	17.46	18.70
		HIGH	Q16	17.85	17.61	17.80	18.70
	25	LOW	Q16	17.58	17.63	17.74	18.70
5	1	LOW	64QAM	18.03	17.80	17.90	18.70
		MID	64QAM	17.96	17.85	18.00	18.70
		HIGH	64QAM	18.15	17.88	18.18	18.70
	12	LOW	64QAM	17.70	17.81	17.70	18.70
		MID	64QAM	17.71	17.69	17.52	18.70
		HIGH	64QAM	17.76	17.82	17.72	18.70
	25	LOW	64QAM	17.47	17.84	17.66	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.31	17.56	17.47	18.70
		MID	QPSK	17.52	17.63	17.59	18.70
		HIGH	QPSK	17.46	17.66	17.62	18.70
	25	LOW	QPSK	17.78	17.78	17.67	18.70
		MID	QPSK	17.65	17.64	17.67	18.70
		HIGH	QPSK	17.79	17.58	17.55	18.70
	50	LOW	QPSK	17.54	17.61	17.51	18.70
10	1	LOW	Q16	17.92	17.82	17.98	18.70
		MID	Q16	17.95	17.87	18.00	18.70
		HIGH	Q16	18.11	18.01	18.11	18.70
	25	LOW	Q16	17.72	17.71	17.61	18.70
		MID	Q16	17.53	17.52	17.44	18.70
		HIGH	Q16	17.57	17.79	17.74	18.70
	50	LOW	Q16	17.56	17.85	17.73	18.70
10	1	LOW	64QAM	17.94	17.88	17.84	18.70
		MID	64QAM	18.02	17.99	17.77	18.70
		HIGH	64QAM	17.89	17.81	18.20	18.70
	25	LOW	64QAM	17.55	17.55	17.53	18.70
		MID	64QAM	17.63	17.56	17.66	18.70
		HIGH	64QAM	17.67	17.55	17.87	18.70
	50	LOW	64QAM	17.62	17.60	17.75	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.33	17.32	17.41	18.70
		MID	QPSK	17.53	17.43	17.54	18.70
		HIGH	QPSK	17.61	17.52	17.54	18.70
	36	LOW	QPSK	17.78	17.70	17.74	18.70
		MID	QPSK	17.71	17.60	17.56	18.70
		HIGH	QPSK	17.71	17.74	17.57	18.70
	75	LOW	QPSK	17.65	17.62	17.52	18.70
15	1	LOW	Q16	18.06	17.87	18.06	18.70
		MID	Q16	17.93	18.01	17.77	18.70
		HIGH	Q16	18.14	17.97	18.21	18.70
	36	LOW	Q16	17.57	17.72	17.66	18.70
		MID	Q16	17.79	17.54	17.55	18.70
		HIGH	Q16	17.59	17.62	17.93	18.70
	75	LOW	Q16	17.47	17.56	17.75	18.70
15	1	LOW	64QAM	17.89	17.83	18.10	18.70
		MID	64QAM	17.97	18.04	17.91	18.70
		HIGH	64QAM	17.93	18.08	18.02	18.70
	36	LOW	64QAM	17.67	17.80	17.70	18.70
		MID	64QAM	17.56	17.72	17.51	18.70
		HIGH	64QAM	17.75	17.66	17.93	18.70
	75	LOW	64QAM	17.64	17.63	17.61	18.70
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.45	17.45	17.38	18.70
		MID	QPSK	**17.58**	17.48	17.55	18.70
		HIGH	QPSK	**17.58**	17.54	17.51	18.70
	50	LOW	QPSK	17.64	17.68	**17.71**	18.70
		MID	QPSK	17.61	17.70	17.67	18.70
		HIGH	QPSK	17.69	17.69	17.68	18.70
	100	LOW	QPSK	17.62	**17.68**	17.50	18.70
20	1	LOW	Q16	18.00	17.87	17.98	18.70
		MID	Q16	17.99	17.93	17.90	18.70
		HIGH	Q16	18.01	17.96	18.07	18.70
	50	LOW	Q16	17.67	17.69	17.64	18.70
		MID	Q16	17.66	17.66	17.59	18.70
		HIGH	Q16	17.72	17.68	17.82	18.70
	100	LOW	Q16	17.62	17.70	17.76	18.70
20	1	LOW	64QAM	18.03	17.86	17.90	18.70
		MID	64QAM	17.93	18.04	17.82	18.70
		HIGH	64QAM	17.90	17.92	18.21	18.70
	50	LOW	64QAM	17.80	17.77	17.57	18.70
		MID	64QAM	17.67	17.61	17.62	18.70
		HIGH	64QAM	17.85	17.83	17.96	18.70
	100	LOW	64QAM	17.59	17.72	17.70	18.70

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.62	23.67	23.63	24.20
		MID	QPSK	23.51	23.53	23.37	24.20
		HIGH	QPSK	23.69	23.80	23.51	24.20
	12	LOW	QPSK	22.62	22.57	22.65	23.20
		MID	QPSK	22.60	22.72	22.79	23.20
		HIGH	QPSK	22.74	22.73	22.84	23.20
	25	LOW	QPSK	22.66	22.79	22.82	23.20
5	1	LOW	Q16	22.78	22.88	22.84	23.20
		MID	Q16	22.95	22.78	22.64	23.20
		HIGH	Q16	22.90	22.80	22.94	23.20
	12	LOW	Q16	21.59	21.85	21.57	22.20
		MID	Q16	21.60	21.61	21.81	22.20
		HIGH	Q16	21.72	21.79	21.74	22.20
	25	LOW	Q16	21.70	21.74	21.86	22.20
5	1	LOW	64QAM	21.75	21.83	21.81	22.20
		MID	64QAM	21.86	21.90	21.88	22.20
		HIGH	64QAM	21.67	21.93	21.69	22.20
	12	LOW	64QAM	20.69	20.81	20.81	21.20
		MID	64QAM	20.86	20.60	20.62	21.20
		HIGH	64QAM	20.71	20.75	20.63	21.20
	25	LOW	64QAM	20.76	20.59	20.72	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.46	23.48	24.20
		MID	QPSK	23.67	23.66	23.52	24.20
		HIGH	QPSK	23.57	23.64	23.47	24.20
	25	LOW	QPSK	22.58	22.73	22.85	23.20
		MID	QPSK	22.80	22.73	22.74	23.20
		HIGH	QPSK	22.74	22.63	22.73	23.20
	50	LOW	QPSK	22.62	22.66	22.71	23.20
10	1	LOW	Q16	22.97	22.86	22.65	23.20
		MID	Q16	22.79	22.90	22.73	23.20
		HIGH	Q16	22.82	22.82	22.76	23.20
	25	LOW	Q16	21.76	21.57	21.60	22.20
		MID	Q16	21.70	21.81	21.67	22.20
		HIGH	Q16	21.81	21.81	21.58	22.20
	50	LOW	Q16	21.85	21.66	21.77	22.20
10	1	LOW	64QAM	21.71	21.82	21.84	22.20
		MID	64QAM	21.89	21.87	21.79	22.20
		HIGH	64QAM	21.86	21.81	21.82	22.20
	25	LOW	64QAM	20.59	20.68	20.53	21.20
		MID	64QAM	20.72	20.75	20.76	21.20
		HIGH	64QAM	20.71	20.71	20.85	21.20
	50	LOW	64QAM	20.79	20.64	20.65	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.67	23.56	24.20
		MID	QPSK	23.45	23.72	23.53	24.20
		HIGH	QPSK	23.61	23.69	23.46	24.20
	36	LOW	QPSK	22.61	22.72	22.56	23.20
		MID	QPSK	22.84	22.75	22.68	23.20
		HIGH	QPSK	22.67	22.71	22.71	23.20
	75	LOW	QPSK	22.67	22.53	22.80	23.20
15	1	LOW	Q16	22.92	22.87	22.69	23.20
		MID	Q16	22.90	22.92	22.83	23.20
		HIGH	Q16	22.74	22.88	22.93	23.20
	36	LOW	Q16	21.51	21.68	21.80	22.20
		MID	Q16	21.60	21.65	21.67	22.20
		HIGH	Q16	21.79	21.60	21.76	22.20
	75	LOW	Q16	21.77	21.82	21.86	22.20
15	1	LOW	64QAM	21.73	21.89	21.67	22.20
		MID	64QAM	21.88	21.92	21.78	22.20
		HIGH	64QAM	21.84	21.71	21.83	22.20
	36	LOW	64QAM	20.49	20.80	20.57	21.20
		MID	64QAM	20.62	20.66	20.57	21.20
		HIGH	64QAM	20.72	20.65	20.57	21.20
	75	LOW	64QAM	20.79	20.75	20.63	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.48	23.58	23.52	24.20
		MID	QPSK	23.66	23.65	23.51	24.20
		HIGH	QPSK	23.59	23.57	23.56	24.20
	50	LOW	QPSK	22.62	22.66	22.70	23.20
		MID	QPSK	22.69	22.68	22.73	23.20
		HIGH	QPSK	22.69	22.72	22.74	23.20
	100	LOW	QPSK	22.70	22.64	22.72	23.20
20	1	LOW	Q16	22.84	22.83	22.77	23.20
		MID	Q16	22.90	22.86	22.76	23.20
		HIGH	Q16	22.89	22.85	22.81	23.20
	50	LOW	Q16	21.63	21.71	21.68	22.20
		MID	Q16	21.73	21.69	21.72	22.20
		HIGH	Q16	21.71	21.75	21.71	22.20
	100	LOW	Q16	21.76	21.67	21.76	22.20
20	1	LOW	64QAM	21.73	21.95	21.65	22.20
		MID	64QAM	21.80	21.86	21.67	22.20
		HIGH	64QAM	21.80	21.84	21.95	22.20
	50	LOW	64QAM	20.53	20.60	20.57	21.20
		MID	64QAM	20.58	20.69	20.71	21.20
		HIGH	64QAM	20.82	20.85	20.73	21.20
	100	LOW	64QAM	20.86	20.57	20.66	21.20

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.62	23.67	23.63	24.20
		MID	QPSK	23.51	23.53	23.37	24.20
		HIGH	QPSK	23.69	23.80	23.51	24.20
	12	LOW	QPSK	22.62	22.57	22.65	23.20
		MID	QPSK	22.60	22.72	22.79	23.20
		HIGH	QPSK	22.74	22.73	22.84	23.20
	25	LOW	QPSK	22.66	22.79	22.82	23.20
5	1	LOW	Q16	22.78	22.88	22.84	23.20
		MID	Q16	22.95	22.78	22.64	23.20
		HIGH	Q16	22.90	22.80	22.94	23.20
	12	LOW	Q16	21.59	21.85	21.57	22.20
		MID	Q16	21.60	21.61	21.81	22.20
		HIGH	Q16	21.72	21.79	21.74	22.20
	25	LOW	Q16	21.70	21.74	21.86	22.20
5	1	LOW	64QAM	21.75	21.83	21.81	22.20
		MID	64QAM	21.86	21.90	21.88	22.20
		HIGH	64QAM	21.67	21.93	21.69	22.20
	12	LOW	64QAM	20.69	20.81	20.81	21.20
		MID	64QAM	20.86	20.60	20.62	21.20
		HIGH	64QAM	20.71	20.75	20.63	21.20
	25	LOW	64QAM	20.76	20.59	20.72	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.46	23.48	24.20
		MID	QPSK	23.67	23.66	23.52	24.20
		HIGH	QPSK	23.57	23.64	23.47	24.20
	25	LOW	QPSK	22.58	22.73	22.85	23.20
		MID	QPSK	22.80	22.73	22.74	23.20
		HIGH	QPSK	22.74	22.63	22.73	23.20
	50	LOW	QPSK	22.62	22.66	22.71	23.20
10	1	LOW	Q16	22.97	22.86	22.65	23.20
		MID	Q16	22.79	22.90	22.73	23.20
		HIGH	Q16	22.82	22.82	22.76	23.20
	25	LOW	Q16	21.76	21.57	21.60	22.20
		MID	Q16	21.70	21.81	21.67	22.20
		HIGH	Q16	21.81	21.81	21.58	22.20
	50	LOW	Q16	21.85	21.66	21.77	22.20
10	1	LOW	64QAM	21.71	21.82	21.84	22.20
		MID	64QAM	21.89	21.87	21.79	22.20
		HIGH	64QAM	21.86	21.81	21.82	22.20
	25	LOW	64QAM	20.59	20.68	20.53	21.20
		MID	64QAM	20.72	20.75	20.76	21.20
		HIGH	64QAM	20.71	20.71	20.85	21.20
	50	LOW	64QAM	20.79	20.64	20.65	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.67	23.56	24.20
		MID	QPSK	23.45	23.72	23.53	24.20
		HIGH	QPSK	23.61	23.69	23.46	24.20
	36	LOW	QPSK	22.61	22.72	22.56	23.20
		MID	QPSK	22.84	22.75	22.68	23.20
		HIGH	QPSK	22.67	22.71	22.71	23.20
	75	LOW	QPSK	22.67	22.53	22.80	23.20
15	1	LOW	Q16	22.92	22.87	22.69	23.20
		MID	Q16	22.90	22.92	22.83	23.20
		HIGH	Q16	22.74	22.88	22.93	23.20
	36	LOW	Q16	21.51	21.68	21.80	22.20
		MID	Q16	21.60	21.65	21.67	22.20
		HIGH	Q16	21.79	21.60	21.76	22.20
	75	LOW	Q16	21.77	21.82	21.86	22.20
15	1	LOW	64QAM	21.73	21.89	21.67	22.20
		MID	64QAM	21.88	21.92	21.78	22.20
		HIGH	64QAM	21.84	21.71	21.83	22.20
	36	LOW	64QAM	20.49	20.80	20.57	21.20
		MID	64QAM	20.62	20.66	20.57	21.20
		HIGH	64QAM	20.72	20.65	20.57	21.20
	75	LOW	64QAM	20.79	20.75	20.63	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.48	23.58	23.52	24.20
		MID	QPSK	**23.66**	23.65	23.51	24.20
		HIGH	QPSK	23.59	23.57	23.56	24.20
	50	LOW	QPSK	22.62	22.66	22.70	23.20
		MID	QPSK	22.69	22.68	22.73	23.20
		HIGH	QPSK	22.69	22.72	**22.74**	23.20
	100	LOW	QPSK	22.70	22.64	**22.72**	23.20
20	1	LOW	Q16	22.84	22.83	22.77	23.20
		MID	Q16	22.90	22.86	22.76	23.20
		HIGH	Q16	22.89	22.85	22.81	23.20
	50	LOW	Q16	21.63	21.71	21.68	22.20
		MID	Q16	21.73	21.69	21.72	22.20
		HIGH	Q16	21.71	21.75	21.71	22.20
	100	LOW	Q16	21.76	21.67	21.76	22.20
20	1	LOW	64QAM	21.73	21.95	21.65	22.20
		MID	64QAM	21.80	21.86	21.67	22.20
		HIGH	64QAM	21.80	21.84	21.95	22.20
	50	LOW	64QAM	20.53	20.60	20.57	21.20
		MID	64QAM	20.58	20.69	20.71	21.20
		HIGH	64QAM	20.82	20.85	20.73	21.20
	100	LOW	64QAM	20.86	20.57	20.66	21.20

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.67	20.56	20.80	21.70
		MID	QPSK	20.85	20.52	21.00	21.70
		HIGH	QPSK	20.83	20.60	20.56	21.70
	12	LOW	QPSK	20.90	21.02	20.88	21.70
		MID	QPSK	20.76	20.81	20.65	21.70
		HIGH	QPSK	20.97	20.78	21.04	21.70
	25	LOW	QPSK	20.85	20.96	20.84	21.70
5	1	LOW	Q16	21.25	20.97	21.13	21.70
		MID	Q16	21.12	20.98	21.43	21.70
		HIGH	Q16	21.35	21.01	21.25	21.70
	12	LOW	Q16	20.77	20.99	20.72	21.70
		MID	Q16	20.81	20.83	20.63	21.70
		HIGH	Q16	21.01	20.72	20.98	21.70
	25	LOW	Q16	20.74	20.95	20.72	21.70
5	1	LOW	64QAM	21.14	21.15	21.23	21.70
		MID	64QAM	21.34	21.19	21.21	21.70
		HIGH	64QAM	21.35	20.99	21.29	21.70
	12	LOW	64QAM	20.48	20.49	20.17	21.20
		MID	64QAM	20.25	20.27	20.35	21.20
		HIGH	64QAM	20.44	20.45	20.60	21.20
	25	LOW	64QAM	20.23	20.24	20.24	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.71	20.68	20.88	21.70
		MID	QPSK	20.88	20.77	20.97	21.70
		HIGH	QPSK	20.72	20.70	20.61	21.70
	25	LOW	QPSK	20.89	20.84	20.91	21.70
		MID	QPSK	20.70	21.00	20.56	21.70
		HIGH	QPSK	20.79	20.75	20.89	21.70
	50	LOW	QPSK	20.75	20.93	20.95	21.70
10	1	LOW	Q16	21.13	21.08	21.23	21.70
		MID	Q16	21.10	21.19	21.31	21.70
		HIGH	Q16	21.25	21.04	21.13	21.70
	25	LOW	Q16	20.99	20.82	20.81	21.70
		MID	Q16	20.86	20.76	20.70	21.70
		HIGH	Q16	20.86	20.92	21.02	21.70
	50	LOW	Q16	20.98	20.98	20.94	21.70
10	1	LOW	64QAM	21.26	20.92	21.20	21.70
		MID	64QAM	21.17	21.06	21.18	21.70
		HIGH	64QAM	21.30	21.15	21.40	21.70
	25	LOW	64QAM	20.25	20.34	20.19	21.20
		MID	64QAM	20.46	20.29	20.15	21.20
		HIGH	64QAM	20.50	20.33	20.45	21.20
	50	LOW	64QAM	20.48	20.29	20.31	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.62	20.69	20.91	21.70
		MID	QPSK	20.77	20.63	20.78	21.70
		HIGH	QPSK	20.86	20.62	20.59	21.70
	36	LOW	QPSK	20.90	20.84	20.85	21.70
		MID	QPSK	20.70	20.90	20.64	21.70
		HIGH	QPSK	20.87	20.76	21.03	21.70
	75	LOW	QPSK	20.83	20.95	20.79	21.70
15	1	LOW	Q16	21.27	20.95	21.14	21.70
		MID	Q16	21.06	21.12	21.36	21.70
		HIGH	Q16	21.08	21.14	21.39	21.70
	36	LOW	Q16	20.86	20.91	20.62	21.70
		MID	Q16	20.99	20.85	20.68	21.70
		HIGH	Q16	20.97	20.78	21.01	21.70
	75	LOW	Q16	20.73	21.01	20.66	21.70
15	1	LOW	64QAM	21.14	20.97	21.09	21.70
		MID	64QAM	21.07	20.93	21.47	21.70
		HIGH	64QAM	21.30	21.20	21.37	21.70
	36	LOW	64QAM	20.46	20.26	20.14	21.20
		MID	64QAM	20.36	20.29	20.17	21.20
		HIGH	64QAM	20.54	20.24	20.49	21.20
	75	LOW	64QAM	20.45	20.50	20.31	21.20
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.74	20.66	20.83	21.70
		MID	QPSK	20.79	20.66	**20.86**	21.70
		HIGH	QPSK	20.79	20.72	20.67	21.70
	50	LOW	QPSK	20.84	20.88	20.93	21.70
		MID	QPSK	20.82	20.88	20.70	21.70
		HIGH	QPSK	20.86	20.90	**21.01**	21.70
	100	LOW	QPSK	20.82	20.87	**20.93**	21.70
20	1	LOW	Q16	21.15	21.07	21.14	21.70
		MID	Q16	21.19	21.08	21.32	21.70
		HIGH	Q16	21.22	21.12	21.27	21.70
	50	LOW	Q16	20.85	20.84	20.72	21.70
		MID	Q16	20.87	20.87	20.73	21.70
		HIGH	Q16	20.92	20.86	20.98	21.70
	100	LOW	Q16	20.83	20.89	20.81	21.70
20	1	LOW	64QAM	21.18	21.17	21.27	21.70
		MID	64QAM	21.16	20.94	21.46	21.70
		HIGH	64QAM	21.20	20.97	21.39	21.70
	50	LOW	64QAM	20.23	20.49	20.10	21.20
		MID	64QAM	20.50	20.22	20.36	21.20
		HIGH	64QAM	20.49	20.51	20.54	21.20
	100	LOW	64QAM	20.24	20.43	20.41	21.20

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.19	21.28	21.04	22.80
		MID	QPSK	21.18	21.20	21.05	22.80
		HIGH	QPSK	21.17	21.26	21.13	22.80
	12	LOW	QPSK	20.20	20.41	20.20	21.80
		MID	QPSK	20.12	20.25	20.23	21.80
		HIGH	QPSK	20.38	20.35	20.24	21.80
	25	LOW	QPSK	20.09	20.31	20.35	21.80
5	1	LOW	Q16	20.59	20.63	20.39	21.80
		MID	Q16	20.63	20.26	20.57	21.80
		HIGH	Q16	20.49	20.15	20.50	21.80
	12	LOW	Q16	19.43	19.44	19.23	20.80
		MID	Q16	19.36	19.46	19.44	20.80
		HIGH	Q16	19.58	19.43	19.66	20.80
	25	LOW	Q16	19.28	19.35	19.29	20.80
5	1	LOW	64QAM	19.43	19.61	19.68	20.80
		MID	64QAM	19.48	19.42	19.40	20.80
		HIGH	64QAM	19.41	19.28	19.52	20.80
	12	LOW	64QAM	18.54	18.37	18.27	19.80
		MID	64QAM	18.62	18.66	18.27	19.80
		HIGH	64QAM	18.44	18.54	18.53	19.80
	25	LOW	64QAM	18.42	18.55	18.41	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.09	21.31	21.17	22.80
		MID	QPSK	21.13	21.14	21.04	22.80
		HIGH	QPSK	21.19	21.34	21.03	22.80
	25	LOW	QPSK	20.17	20.28	20.22	21.80
		MID	QPSK	20.19	20.29	20.25	21.80
		HIGH	QPSK	20.42	20.46	20.26	21.80
	50	LOW	QPSK	20.13	20.34	20.24	21.80
10	1	LOW	Q16	20.62	20.48	20.34	21.80
		MID	Q16	20.70	20.37	20.55	21.80
		HIGH	Q16	20.52	20.25	20.44	21.80
	25	LOW	Q16	19.42	19.51	19.30	20.80
		MID	Q16	19.35	19.41	19.36	20.80
		HIGH	Q16	19.59	19.40	19.66	20.80
	50	LOW	Q16	19.21	19.30	19.23	20.80
10	1	LOW	64QAM	19.45	19.52	19.68	20.80
		MID	64QAM	19.51	19.30	19.48	20.80
		HIGH	64QAM	19.45	19.33	19.66	20.80
	25	LOW	64QAM	18.56	18.22	18.25	19.80
		MID	64QAM	18.56	18.58	18.40	19.80
		HIGH	64QAM	18.48	18.61	18.55	19.80
	50	LOW	64QAM	18.32	18.47	18.38	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.01	21.37	21.14	22.80
		MID	QPSK	21.09	21.11	21.10	22.80
		HIGH	QPSK	21.04	21.26	21.16	22.80
	36	LOW	QPSK	20.18	20.31	20.17	21.80
		MID	QPSK	20.16	20.25	20.20	21.80
		HIGH	QPSK	20.30	20.37	20.25	21.80
	75	LOW	QPSK	20.22	20.40	20.32	21.80
15	1	LOW	Q16	20.62	20.49	20.39	21.80
		MID	Q16	20.68	20.33	20.53	21.80
		HIGH	Q16	20.52	20.16	20.55	21.80
	36	LOW	Q16	19.38	19.40	19.31	20.80
		MID	Q16	19.34	19.55	19.44	20.80
		HIGH	Q16	19.52	19.41	19.53	20.80
	75	LOW	Q16	19.24	19.29	19.21	20.80
15	1	LOW	64QAM	19.35	19.60	19.61	20.80
		MID	64QAM	19.48	19.30	19.43	20.80
		HIGH	64QAM	19.50	19.31	19.52	20.80
	36	LOW	64QAM	18.53	18.35	18.26	19.80
		MID	64QAM	18.49	18.68	18.40	19.80
		HIGH	64QAM	18.44	18.59	18.51	19.80
	75	LOW	64QAM	18.40	18.54	18.42	19.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.04	21.34	21.06	22.80
		MID	QPSK	21.08	21.21	21.09	22.80
		HIGH	QPSK	21.08	21.36	21.04	22.80
	50	LOW	QPSK	20.20	20.38	20.22	21.80
		MID	QPSK	20.19	20.35	20.25	21.80
		HIGH	QPSK	20.39	20.45	20.34	21.80
	100	LOW	QPSK	20.19	20.35	20.35	21.80
20	1	LOW	Q16	20.62	20.58	20.40	21.80
		MID	Q16	20.67	20.33	20.54	21.80
		HIGH	Q16	20.47	20.23	20.55	21.80
	50	LOW	Q16	19.46	19.51	19.29	20.80
		MID	Q16	19.44	19.50	19.46	20.80
		HIGH	Q16	19.59	19.47	19.63	20.80
	100	LOW	Q16	19.27	19.34	19.30	20.80
20	1	LOW	64QAM	19.44	19.56	19.64	20.80
		MID	64QAM	19.47	19.41	19.43	20.80
		HIGH	64QAM	19.46	19.36	19.62	20.80
	50	LOW	64QAM	18.56	18.33	18.34	19.80
		MID	64QAM	18.60	18.64	18.35	19.80
		HIGH	64QAM	18.45	18.58	18.52	19.80
	100	LOW	64QAM	18.41	18.53	18.41	19.80

LTE B7-Level1 -Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.07	18.03	17.87	19.30
		MID	QPSK	17.95	17.92	17.95	19.30
		HIGH	QPSK	18.13	18.04	18.10	19.30
	12	LOW	QPSK	17.84	18.06	17.90	19.30
		MID	QPSK	17.93	18.00	17.93	19.30
		HIGH	QPSK	18.01	18.21	18.17	19.30
	25	LOW	QPSK	18.00	18.04	18.10	19.30
5	1	LOW	Q16	18.12	18.16	17.97	19.30
		MID	Q16	18.04	17.92	18.14	19.30
		HIGH	Q16	17.96	18.06	18.00	19.30
	12	LOW	Q16	17.91	17.97	17.87	19.30
		MID	Q16	18.15	17.89	18.01	19.30
		HIGH	Q16	17.94	18.10	18.16	19.30
	25	LOW	Q16	18.07	18.01	18.13	19.30
5	1	LOW	64QAM	17.94	18.13	18.06	19.30
		MID	64QAM	18.19	18.09	17.92	19.30
		HIGH	64QAM	17.81	17.93	17.95	19.30
	12	LOW	64QAM	18.08	17.92	18.14	19.30
		MID	64QAM	17.72	18.04	18.15	19.30
		HIGH	64QAM	17.79	18.12	18.11	19.30
	25	LOW	64QAM	18.19	18.01	17.98	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.08	17.97	18.01	19.30
		MID	QPSK	17.83	17.95	17.89	19.30
		HIGH	QPSK	18.10	18.10	18.13	19.30
	25	LOW	QPSK	17.94	17.95	17.97	19.30
		MID	QPSK	17.93	17.98	17.85	19.30
		HIGH	QPSK	18.02	18.20	18.03	19.30
	50	LOW	QPSK	18.05	18.14	18.14	19.30
10	1	LOW	Q16	18.19	18.06	18.03	19.30
		MID	Q16	18.01	17.95	18.13	19.30
		HIGH	Q16	18.03	18.05	17.99	19.30
	25	LOW	Q16	17.99	18.03	17.95	19.30
		MID	Q16	18.12	17.94	18.05	19.30
		HIGH	Q16	18.00	18.02	18.16	19.30
	50	LOW	Q16	18.10	17.90	18.17	19.30
10	1	LOW	64QAM	17.92	18.19	18.08	19.30
		MID	64QAM	18.05	18.07	18.02	19.30
		HIGH	64QAM	17.81	17.91	17.98	19.30
	25	LOW	64QAM	18.11	17.91	18.11	19.30
		MID	64QAM	17.87	17.96	18.11	19.30
		HIGH	64QAM	17.82	18.12	18.09	19.30
	50	LOW	64QAM	18.08	18.02	18.03	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.14	18.04	17.97	19.30
		MID	QPSK	17.96	17.92	17.89	19.30
		HIGH	QPSK	18.13	17.97	18.06	19.30
	36	LOW	QPSK	17.83	18.01	17.97	19.30
		MID	QPSK	17.95	18.04	17.90	19.30
		HIGH	QPSK	18.01	18.07	18.15	19.30
	75	LOW	QPSK	18.12	18.09	18.12	19.30
15	1	LOW	Q16	18.14	18.20	18.03	19.30
		MID	Q16	18.03	18.01	18.15	19.30
		HIGH	Q16	18.05	18.08	17.98	19.30
	36	LOW	Q16	18.02	17.97	17.99	19.30
		MID	Q16	18.18	17.96	17.97	19.30
		HIGH	Q16	17.84	18.03	18.11	19.30
	75	LOW	Q16	18.06	17.93	18.15	19.30
15	1	LOW	64QAM	17.87	18.19	18.09	19.30
		MID	64QAM	18.17	18.03	17.94	19.30
		HIGH	64QAM	17.87	17.94	17.95	19.30
	36	LOW	64QAM	18.13	17.94	18.12	19.30
		MID	64QAM	17.87	18.05	18.15	19.30
		HIGH	64QAM	17.85	18.08	18.13	19.30
	75	LOW	64QAM	18.13	18.03	17.94	19.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.18**	18.13	18.03	19.30
		MID	QPSK	17.98	18.08	18.01	19.30
		HIGH	QPSK	**18.18**	18.12	18.14	19.30
	50	LOW	QPSK	17.97	18.08	17.98	19.30
		MID	QPSK	17.95	18.12	17.98	19.30
		HIGH	QPSK	18.04	**18.21**	18.18	19.30
	100	LOW	QPSK	18.12	18.17	**18.25**	19.30
20	1	LOW	Q16	18.24	18.20	18.05	19.30
		MID	Q16	18.06	18.03	18.19	19.30
		HIGH	Q16	18.05	18.09	18.09	19.30
	50	LOW	Q16	18.06	18.12	18.02	19.30
		MID	Q16	18.19	17.98	18.10	19.30
		HIGH	Q16	18.00	18.14	18.17	19.30
	100	LOW	Q16	18.12	18.05	18.24	19.30
20	1	LOW	64QAM	18.03	18.24	18.21	19.30
		MID	64QAM	18.20	18.11	18.07	19.30
		HIGH	64QAM	17.90	18.06	18.05	19.30
	50	LOW	64QAM	18.23	17.95	18.18	19.30
		MID	64QAM	17.88	18.07	18.19	19.30
		HIGH	64QAM	17.95	18.20	18.14	19.30
	100	LOW	64QAM	18.20	18.16	18.04	19.30

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Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.52	17.60	17.54	18.80
		MID	QPSK	17.32	17.50	17.30	18.80
		HIGH	QPSK	17.52	17.47	17.63	18.80
	12	LOW	QPSK	17.40	17.49	17.31	18.80
		MID	QPSK	17.63	17.59	17.61	18.80
		HIGH	QPSK	17.59	17.71	17.58	18.80
	25	LOW	QPSK	17.63	17.59	17.56	18.80
5	1	LOW	Q16	17.60	17.58	17.49	18.80
		MID	Q16	17.61	17.55	17.55	18.80
		HIGH	Q16	17.64	17.43	17.50	18.80
	12	LOW	Q16	17.66	17.50	17.33	18.80
		MID	Q16	17.42	17.35	17.54	18.80
		HIGH	Q16	17.46	17.28	17.35	18.80
	25	LOW	Q16	17.27	17.54	17.59	18.80
5	1	LOW	64QAM	17.63	17.33	17.67	18.80
		MID	64QAM	17.49	17.46	17.67	18.80
		HIGH	64QAM	17.28	17.61	17.24	18.80
	12	LOW	64QAM	17.38	17.65	17.42	18.80
		MID	64QAM	17.61	17.59	17.36	18.80
		HIGH	64QAM	17.41	17.40	17.59	18.80
	25	LOW	64QAM	17.42	17.50	17.56	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.63	17.57	17.41	18.80
		MID	QPSK	17.45	17.46	17.36	18.80
		HIGH	QPSK	17.59	17.53	17.49	18.80
	25	LOW	QPSK	17.50	17.44	17.29	18.80
		MID	QPSK	17.60	17.55	17.67	18.80
		HIGH	QPSK	17.62	17.63	17.64	18.80
	50	LOW	QPSK	17.68	17.56	17.68	18.80
10	1	LOW	Q16	17.48	17.58	17.48	18.80
		MID	Q16	17.66	17.61	17.49	18.80
		HIGH	Q16	17.67	17.42	17.46	18.80
	25	LOW	Q16	17.60	17.48	17.43	18.80
		MID	Q16	17.41	17.38	17.48	18.80
		HIGH	Q16	17.62	17.32	17.40	18.80
	50	LOW	Q16	17.31	17.61	17.56	18.80
10	1	LOW	64QAM	17.62	17.41	17.58	18.80
		MID	64QAM	17.55	17.42	17.62	18.80
		HIGH	64QAM	17.32	17.59	17.29	18.80
	25	LOW	64QAM	17.40	17.68	17.44	18.80
		MID	64QAM	17.67	17.68	17.44	18.80
		HIGH	64QAM	17.53	17.51	17.50	18.80
	50	LOW	64QAM	17.45	17.53	17.48	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.57	17.48	17.53	18.80
		MID	QPSK	17.45	17.48	17.32	18.80
		HIGH	QPSK	17.62	17.51	17.59	18.80
	36	LOW	QPSK	17.43	17.53	17.39	18.80
		MID	QPSK	17.62	17.67	17.55	18.80
		HIGH	QPSK	17.55	17.71	17.64	18.80
	75	LOW	QPSK	17.58	17.55	17.59	18.80
15	1	LOW	Q16	17.58	17.57	17.53	18.80
		MID	Q16	17.67	17.53	17.56	18.80
		HIGH	Q16	17.65	17.29	17.55	18.80
	36	LOW	Q16	17.60	17.34	17.32	18.80
		MID	Q16	17.42	17.40	17.38	18.80
		HIGH	Q16	17.51	17.39	17.33	18.80
	75	LOW	Q16	17.37	17.57	17.59	18.80
15	1	LOW	64QAM	17.63	17.42	17.72	18.80
		MID	64QAM	17.54	17.43	17.71	18.80
		HIGH	64QAM	17.28	17.59	17.31	18.80
	36	LOW	64QAM	17.48	17.56	17.41	18.80
		MID	64QAM	17.70	17.60	17.40	18.80
		HIGH	64QAM	17.41	17.45	17.47	18.80
	75	LOW	64QAM	17.56	17.55	17.54	18.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.66**	17.62	17.54	18.80
		MID	QPSK	17.48	17.50	17.44	18.80
		HIGH	QPSK	17.63	17.63	17.63	18.80
	50	LOW	QPSK	17.53	17.56	17.45	18.80
		MID	QPSK	17.64	17.68	17.69	18.80
		HIGH	QPSK	17.63	**17.75**	17.74	18.80
	100	LOW	QPSK	**17.74**	17.66	17.69	18.80
20	1	LOW	Q16	17.63	17.69	17.55	18.80
		MID	Q16	17.69	17.64	17.59	18.80
		HIGH	Q16	17.76	17.43	17.62	18.80
	50	LOW	Q16	17.67	17.50	17.43	18.80
		MID	Q16	17.57	17.42	17.54	18.80
		HIGH	Q16	17.62	17.44	17.47	18.80
	100	LOW	Q16	17.42	17.70	17.67	18.80
20	1	LOW	64QAM	17.73	17.49	17.72	18.80
		MID	64QAM	17.56	17.46	17.72	18.80
		HIGH	64QAM	17.44	17.65	17.37	18.80
	50	LOW	64QAM	17.54	17.70	17.45	18.80
		MID	64QAM	17.72	17.68	17.47	18.80
		HIGH	64QAM	17.57	17.53	17.62	18.80
	100	LOW	64QAM	17.56	17.58	17.62	18.80

LTE B7-Full Power -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.41	23.44	23.42	24.00
		MID	QPSK	23.44	23.43	23.34	24.00
		HIGH	QPSK	23.51	23.63	23.61	24.00
	12	LOW	QPSK	22.63	22.52	22.77	23.00
		MID	QPSK	22.70	22.45	22.58	23.00
		HIGH	QPSK	22.47	22.75	22.63	23.00
	25	LOW	QPSK	22.72	22.60	22.68	23.00
5	1	LOW	Q16	22.96	22.85	22.86	23.00
		MID	Q16	22.96	22.79	22.75	23.00
		HIGH	Q16	22.81	22.92	22.97	23.00
	12	LOW	Q16	21.66	21.49	21.77	22.00
		MID	Q16	21.78	21.49	21.54	22.00
		HIGH	Q16	21.76	21.82	21.54	22.00
	25	LOW	Q16	21.65	21.68	21.72	22.00
5	1	LOW	64QAM	21.90	21.88	21.89	22.00
		MID	64QAM	21.80	21.90	21.99	22.00
		HIGH	64QAM	21.74	21.81	21.83	22.00
	12	LOW	64QAM	20.41	20.68	20.50	21.00
		MID	64QAM	20.72	20.54	20.80	21.00
		HIGH	64QAM	20.47	20.76	20.57	21.00
	25	LOW	64QAM	20.80	20.66	20.66	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.50	23.34	24.00
		MID	QPSK	23.30	23.45	23.34	24.00
		HIGH	QPSK	23.64	23.67	23.50	24.00
	25	LOW	QPSK	22.56	22.49	22.73	23.00
		MID	QPSK	22.54	22.47	22.52	23.00
		HIGH	QPSK	22.60	22.54	22.62	23.00
	50	LOW	QPSK	22.68	22.69	22.68	23.00
10	1	LOW	Q16	22.82	22.93	22.99	23.00
		MID	Q16	22.82	22.79	22.81	23.00
		HIGH	Q16	22.85	22.81	22.82	23.00
	25	LOW	Q16	21.60	21.47	21.64	22.00
		MID	Q16	21.78	21.62	21.80	22.00
		HIGH	Q16	21.55	21.65	21.53	22.00
	50	LOW	Q16	21.52	21.68	21.73	22.00
10	1	LOW	64QAM	21.89	21.84	21.98	22.00
		MID	64QAM	21.85	21.82	21.79	22.00
		HIGH	64QAM	21.79	21.95	21.98	22.00
	25	LOW	64QAM	20.45	20.70	20.75	21.00
		MID	64QAM	20.56	20.68	20.72	21.00
		HIGH	64QAM	20.73	20.72	20.72	21.00
	50	LOW	64QAM	20.55	20.42	20.78	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.40	23.60	23.41	24.00
		MID	QPSK	23.53	23.48	23.51	24.00
		HIGH	QPSK	23.54	23.45	23.41	24.00
	36	LOW	QPSK	22.48	22.73	22.68	23.00
		MID	QPSK	22.73	22.55	22.52	23.00
		HIGH	QPSK	22.63	22.56	22.75	23.00
	75	LOW	QPSK	22.73	22.62	22.75	23.00
15	1	LOW	Q16	22.81	22.70	22.98	23.00
		MID	Q16	22.90	22.66	22.95	23.00
		HIGH	Q16	22.85	22.84	22.87	23.00
	36	LOW	Q16	21.56	21.57	21.67	22.00
		MID	Q16	21.64	21.75	21.59	22.00
		HIGH	Q16	21.55	21.65	21.80	22.00
	75	LOW	Q16	21.79	21.60	21.79	22.00
15	1	LOW	64QAM	21.89	21.81	21.79	22.00
		MID	64QAM	21.82	21.92	21.83	22.00
		HIGH	64QAM	21.82	21.75	21.88	22.00
	36	LOW	64QAM	20.65	20.63	20.68	21.00
		MID	64QAM	20.73	20.66	20.82	21.00
		HIGH	64QAM	20.56	20.82	20.58	21.00
	75	LOW	64QAM	20.51	20.67	20.60	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.38	23.47	23.42	24.00
		MID	QPSK	23.41	23.54	23.44	24.00
		HIGH	QPSK	23.52	23.60	23.52	24.00
	50	LOW	QPSK	22.51	22.58	22.63	23.00
		MID	QPSK	22.61	22.59	22.64	23.00
		HIGH	QPSK	22.60	22.66	22.67	23.00
	100	LOW	QPSK	22.61	22.59	22.66	23.00
20	1	LOW	Q16	22.93	22.95	22.92	23.00
		MID	Q16	22.81	22.94	22.91	23.00
		HIGH	Q16	22.76	22.99	22.99	23.00
	50	LOW	Q16	21.55	21.61	21.62	22.00
		MID	Q16	21.64	21.62	21.67	22.00
		HIGH	Q16	21.62	21.67	21.66	22.00
	100	LOW	Q16	21.66	21.56	21.68	22.00
20	1	LOW	64QAM	21.80	21.93	21.81	22.00
		MID	64QAM	21.88	21.98	21.82	22.00
		HIGH	64QAM	21.97	21.79	21.85	22.00
	50	LOW	64QAM	20.45	20.74	20.56	21.00
		MID	64QAM	20.59	20.71	20.69	21.00
		HIGH	64QAM	20.53	20.80	20.76	21.00
	100	LOW	64QAM	20.52	20.61	20.61	21.00

LTE B7-Level1 -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.22	15.06	15.06	16.50
		MID	QPSK	15.39	15.22	15.10	16.50
		HIGH	QPSK	15.18	15.23	15.48	16.50
	12	LOW	QPSK	15.22	15.43	15.22	16.50
		MID	QPSK	15.40	15.24	15.30	16.50
		HIGH	QPSK	15.42	15.19	15.56	16.50
	25	LOW	QPSK	15.35	15.41	15.26	16.50
5	1	LOW	Q16	15.58	15.65	15.71	16.50
		MID	Q16	15.60	15.48	15.78	16.50
		HIGH	Q16	15.71	15.60	16.00	16.50
	12	LOW	Q16	15.35	15.18	15.44	16.50
		MID	Q16	15.29	15.40	15.19	16.50
		HIGH	Q16	15.49	15.39	15.33	16.50
	25	LOW	Q16	15.31	15.31	15.49	16.50
5	1	LOW	64QAM	15.49	15.43	15.60	16.50
		MID	64QAM	15.46	15.63	15.67	16.50
		HIGH	64QAM	15.70	15.72	15.75	16.50
	12	LOW	64QAM	15.40	15.28	15.45	16.50
		MID	64QAM	15.25	15.11	15.44	16.50
		HIGH	64QAM	15.26	15.48	15.45	16.50
	25	LOW	64QAM	15.43	15.20	15.26	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	15.29	14.97	15.18	16.50
		MID	QPSK	15.19	15.15	15.25	16.50
		HIGH	QPSK	15.01	15.18	15.23	16.50
	25	LOW	QPSK	15.25	15.30	15.28	16.50
		MID	QPSK	15.25	15.27	15.45	16.50
		HIGH	QPSK	15.16	15.35	15.48	16.50
	50	LOW	QPSK	15.17	15.15	15.25	16.50
10	1	LOW	Q16	15.59	15.58	15.73	16.50
		MID	Q16	15.51	15.63	15.89	16.50
		HIGH	Q16	15.67	15.66	15.77	16.50
	25	LOW	Q16	15.50	15.13	15.29	16.50
		MID	Q16	15.44	15.23	15.36	16.50
		HIGH	Q16	15.32	15.37	15.41	16.50
	50	LOW	Q16	15.43	15.35	15.49	16.50
10	1	LOW	64QAM	15.52	15.67	15.64	16.50
		MID	64QAM	15.69	15.63	15.85	16.50
		HIGH	64QAM	15.77	15.75	15.93	16.50
	25	LOW	64QAM	15.35	15.34	15.47	16.50
		MID	64QAM	15.37	15.37	15.28	16.50
		HIGH	64QAM	15.50	15.32	15.48	16.50
	50	LOW	64QAM	15.42	15.16	15.39	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.05	15.15	15.12	16.50
		MID	QPSK	15.38	15.27	15.29	16.50
		HIGH	QPSK	15.08	15.21	15.43	16.50
	36	LOW	QPSK	15.37	15.27	15.48	16.50
		MID	QPSK	15.19	15.21	15.20	16.50
		HIGH	QPSK	15.21	15.23	15.34	16.50
	75	LOW	QPSK	15.20	15.16	15.18	16.50
15	1	LOW	Q16	15.59	15.50	15.86	16.50
		MID	Q16	15.50	15.58	15.70	16.50
		HIGH	Q16	15.80	15.64	15.73	16.50
	36	LOW	Q16	15.29	15.21	15.30	16.50
		MID	Q16	15.52	15.28	15.28	16.50
		HIGH	Q16	15.28	15.38	15.37	16.50
	75	LOW	Q16	15.32	15.21	15.24	16.50
15	1	LOW	64QAM	15.68	15.47	15.59	16.50
		MID	64QAM	15.75	15.65	15.83	16.50
		HIGH	64QAM	15.87	15.53	15.84	16.50
	36	LOW	64QAM	15.50	15.21	15.34	16.50
		MID	64QAM	15.45	15.18	15.18	16.50
		HIGH	64QAM	15.53	15.36	15.39	16.50
	75	LOW	64QAM	15.48	15.22	15.26	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	15.17	15.12	15.13	16.50
		MID	QPSK	15.24	15.12	**15.33**	16.50
		HIGH	QPSK	15.14	15.18	15.20	16.50
	50	LOW	QPSK	15.32	15.28	15.33	16.50
		MID	QPSK	15.30	15.26	**15.41**	16.50
		HIGH	QPSK	15.31	15.34	15.32	16.50
	100	LOW	QPSK	**15.32**	15.27	15.28	16.50
20	1	LOW	Q16	15.58	15.55	15.71	16.50
		MID	Q16	15.61	15.60	15.81	16.50
		HIGH	Q16	15.73	15.63	15.85	16.50
	50	LOW	Q16	15.39	15.28	15.38	16.50
		MID	Q16	15.40	15.25	15.32	16.50
		HIGH	Q16	15.38	15.33	15.42	16.50
	100	LOW	Q16	15.38	15.29	15.35	16.50
20	1	LOW	64QAM	15.60	15.51	15.65	16.50
		MID	64QAM	15.68	15.69	15.84	16.50
		HIGH	64QAM	15.68	15.54	15.71	16.50
	50	LOW	64QAM	15.53	15.39	15.28	16.50
		MID	64QAM	15.50	15.14	15.46	16.50
		HIGH	64QAM	15.38	15.23	15.28	16.50
	100	LOW	64QAM	15.37	15.25	15.42	16.50

LTE B7-Level2 -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.46	17.36	17.42	18.50
		MID	QPSK	17.72	17.48	17.60	18.50
		HIGH	QPSK	17.47	17.49	17.52	18.50
	12	LOW	QPSK	17.53	17.68	17.80	18.50
		MID	QPSK	17.76	17.58	17.62	18.50
		HIGH	QPSK	17.68	17.78	17.70	18.50
	25	LOW	QPSK	17.65	17.77	17.57	18.50
5	1	LOW	Q16	17.97	18.02	18.05	18.50
		MID	Q16	17.99	17.99	17.99	18.50
		HIGH	Q16	18.14	18.01	18.00	18.50
	12	LOW	Q16	17.77	17.67	17.55	18.50
		MID	Q16	17.67	17.79	17.46	18.50
		HIGH	Q16	17.85	17.61	17.80	18.50
	25	LOW	Q16	17.58	17.63	17.74	18.50
5	1	LOW	64QAM	18.03	17.80	17.90	18.50
		MID	64QAM	17.96	17.85	18.00	18.50
		HIGH	64QAM	18.15	17.88	18.18	18.50
	12	LOW	64QAM	17.70	17.81	17.70	18.50
		MID	64QAM	17.71	17.69	17.52	18.50
		HIGH	64QAM	17.76	17.82	17.72	18.50
	25	LOW	64QAM	17.47	17.84	17.66	18.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.31	17.56	17.47	18.50
		MID	QPSK	17.52	17.63	17.59	18.50
		HIGH	QPSK	17.46	17.66	17.62	18.50
	25	LOW	QPSK	17.78	17.78	17.67	18.50
		MID	QPSK	17.65	17.64	17.67	18.50
		HIGH	QPSK	17.79	17.58	17.55	18.50
	50	LOW	QPSK	17.54	17.61	17.51	18.50
10	1	LOW	Q16	17.92	17.82	17.98	18.50
		MID	Q16	17.95	17.87	18.00	18.50
		HIGH	Q16	18.11	18.01	18.11	18.50
	25	LOW	Q16	17.72	17.71	17.61	18.50
		MID	Q16	17.53	17.52	17.44	18.50
		HIGH	Q16	17.57	17.79	17.74	18.50
	50	LOW	Q16	17.56	17.85	17.73	18.50
10	1	LOW	64QAM	17.94	17.88	17.84	18.50
		MID	64QAM	18.02	17.99	17.77	18.50
		HIGH	64QAM	17.89	17.81	18.20	18.50
	25	LOW	64QAM	17.55	17.55	17.53	18.50
		MID	64QAM	17.63	17.56	17.66	18.50
		HIGH	64QAM	17.67	17.55	17.87	18.50
	50	LOW	64QAM	17.62	17.60	17.75	18.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.33	17.32	17.41	18.50
		MID	QPSK	17.53	17.43	17.54	18.50
		HIGH	QPSK	17.61	17.52	17.54	18.50
	36	LOW	QPSK	17.78	17.70	17.74	18.50
		MID	QPSK	17.71	17.60	17.56	18.50
		HIGH	QPSK	17.71	17.74	17.57	18.50
	75	LOW	QPSK	17.65	17.62	17.52	18.50
15	1	LOW	Q16	18.06	17.87	18.06	18.50
		MID	Q16	17.93	18.01	17.77	18.50
		HIGH	Q16	18.14	17.97	18.21	18.50
	36	LOW	Q16	17.57	17.72	17.66	18.50
		MID	Q16	17.79	17.54	17.55	18.50
		HIGH	Q16	17.59	17.62	17.93	18.50
	75	LOW	Q16	17.47	17.56	17.75	18.50
15	1	LOW	64QAM	17.89	17.83	18.10	18.50
		MID	64QAM	17.97	18.04	17.91	18.50
		HIGH	64QAM	17.93	18.08	18.02	18.50
	36	LOW	64QAM	17.67	17.80	17.70	18.50
		MID	64QAM	17.56	17.72	17.51	18.50
		HIGH	64QAM	17.75	17.66	17.93	18.50
	75	LOW	64QAM	17.64	17.63	17.61	18.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	17.45	17.45	17.38	18.50
		MID	QPSK	**17.58**	17.48	17.55	18.50
		HIGH	QPSK	**17.58**	17.54	17.51	18.50
	50	LOW	QPSK	17.64	17.68	**17.71**	18.50
		MID	QPSK	17.61	17.70	17.67	18.50
		HIGH	QPSK	17.69	17.69	17.68	18.50
	100	LOW	QPSK	17.62	**17.68**	17.50	18.50
20	1	LOW	Q16	18.00	17.87	17.98	18.50
		MID	Q16	17.99	17.93	17.90	18.50
		HIGH	Q16	18.01	17.96	18.07	18.50
	50	LOW	Q16	17.67	17.69	17.64	18.50
		MID	Q16	17.66	17.66	17.59	18.50
		HIGH	Q16	17.72	17.68	17.82	18.50
	100	LOW	Q16	17.62	17.70	17.76	18.50
20	1	LOW	64QAM	18.03	17.86	17.90	18.50
		MID	64QAM	17.93	18.04	17.82	18.50
		HIGH	64QAM	17.90	17.92	18.21	18.50
	50	LOW	64QAM	17.80	17.77	17.57	18.50
		MID	64QAM	17.67	17.61	17.62	18.50
		HIGH	64QAM	17.85	17.83	17.96	18.50
	100	LOW	64QAM	17.59	17.72	17.70	18.50

LTE B7-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.62	23.67	23.63	24.00
		MID	QPSK	23.51	23.53	23.37	24.00
		HIGH	QPSK	23.69	23.80	23.51	24.00
	12	LOW	QPSK	22.62	22.57	22.65	23.00
		MID	QPSK	22.60	22.72	22.79	23.00
		HIGH	QPSK	22.74	22.73	22.84	23.00
	25	LOW	QPSK	22.66	22.79	22.82	23.00
5	1	LOW	Q16	22.78	22.88	22.84	23.00
		MID	Q16	22.95	22.78	22.64	23.00
		HIGH	Q16	22.90	22.80	22.94	23.00
	12	LOW	Q16	21.59	21.85	21.57	22.00
		MID	Q16	21.60	21.61	21.81	22.00
		HIGH	Q16	21.72	21.79	21.74	22.00
	25	LOW	Q16	21.70	21.74	21.86	22.00
5	1	LOW	64QAM	21.75	21.83	21.81	22.00
		MID	64QAM	21.86	21.90	21.88	22.00
		HIGH	64QAM	21.67	21.93	21.69	22.00
	12	LOW	64QAM	20.69	20.81	20.81	21.00
		MID	64QAM	20.86	20.60	20.62	21.00
		HIGH	64QAM	20.71	20.75	20.63	21.00
	25	LOW	64QAM	20.76	20.59	20.72	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.46	23.48	24.00
		MID	QPSK	23.67	23.66	23.52	24.00
		HIGH	QPSK	23.57	23.64	23.47	24.00
	25	LOW	QPSK	22.58	22.73	22.85	23.00
		MID	QPSK	22.80	22.73	22.74	23.00
		HIGH	QPSK	22.74	22.63	22.73	23.00
	50	LOW	QPSK	22.62	22.66	22.71	23.00
10	1	LOW	Q16	22.97	22.86	22.65	23.00
		MID	Q16	22.79	22.90	22.73	23.00
		HIGH	Q16	22.82	22.82	22.76	23.00
	25	LOW	Q16	21.76	21.57	21.60	22.00
		MID	Q16	21.70	21.81	21.67	22.00
		HIGH	Q16	21.81	21.81	21.58	22.00
	50	LOW	Q16	21.85	21.66	21.77	22.00
10	1	LOW	64QAM	21.71	21.82	21.84	22.00
		MID	64QAM	21.89	21.87	21.79	22.00
		HIGH	64QAM	21.86	21.81	21.82	22.00
	25	LOW	64QAM	20.59	20.68	20.53	21.00
		MID	64QAM	20.72	20.75	20.76	21.00
		HIGH	64QAM	20.71	20.71	20.85	21.00
	50	LOW	64QAM	20.79	20.64	20.65	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.67	23.56	24.00
		MID	QPSK	23.45	23.72	23.53	24.00
		HIGH	QPSK	23.61	23.69	23.46	24.00
	36	LOW	QPSK	22.61	22.72	22.56	23.00
		MID	QPSK	22.84	22.75	22.68	23.00
		HIGH	QPSK	22.67	22.71	22.71	23.00
	75	LOW	QPSK	22.67	22.53	22.80	23.00
15	1	LOW	Q16	22.92	22.87	22.69	23.00
		MID	Q16	22.90	22.92	22.83	23.00
		HIGH	Q16	22.74	22.88	22.93	23.00
	36	LOW	Q16	21.51	21.68	21.80	22.00
		MID	Q16	21.60	21.65	21.67	22.00
		HIGH	Q16	21.79	21.60	21.76	22.00
	75	LOW	Q16	21.77	21.82	21.86	22.00
15	1	LOW	64QAM	21.73	21.89	21.67	22.00
		MID	64QAM	21.88	21.92	21.78	22.00
		HIGH	64QAM	21.84	21.71	21.83	22.00
	36	LOW	64QAM	20.49	20.80	20.57	21.00
		MID	64QAM	20.62	20.66	20.57	21.00
		HIGH	64QAM	20.72	20.65	20.57	21.00
	75	LOW	64QAM	20.79	20.75	20.63	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.48	23.58	23.52	24.00
		MID	QPSK	23.66	23.65	23.51	24.00
		HIGH	QPSK	23.59	23.57	23.56	24.00
	50	LOW	QPSK	22.62	22.66	22.70	23.00
		MID	QPSK	22.69	22.68	22.73	23.00
		HIGH	QPSK	22.69	22.72	22.74	23.00
	100	LOW	QPSK	22.70	22.64	22.72	23.00
20	1	LOW	Q16	22.84	22.83	22.77	23.00
		MID	Q16	22.90	22.86	22.76	23.00
		HIGH	Q16	22.89	22.85	22.81	23.00
	50	LOW	Q16	21.63	21.71	21.68	22.00
		MID	Q16	21.73	21.69	21.72	22.00
		HIGH	Q16	21.71	21.75	21.71	22.00
	100	LOW	Q16	21.76	21.67	21.76	22.00
20	1	LOW	64QAM	21.73	21.95	21.65	22.00
		MID	64QAM	21.80	21.86	21.67	22.00
		HIGH	64QAM	21.80	21.84	21.95	22.00
	50	LOW	64QAM	20.53	20.60	20.57	21.00
		MID	64QAM	20.58	20.69	20.71	21.00
		HIGH	64QAM	20.82	20.85	20.73	21.00
	100	LOW	64QAM	20.86	20.57	20.66	21.00

LTE B7-Level1 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.62	23.67	23.63	24.00
		MID	QPSK	23.51	23.53	23.37	24.00
		HIGH	QPSK	23.69	23.80	23.51	24.00
	12	LOW	QPSK	22.62	22.57	22.65	23.00
		MID	QPSK	22.60	22.72	22.79	23.00
		HIGH	QPSK	22.74	22.73	22.84	23.00
	25	LOW	QPSK	22.66	22.79	22.82	23.00
5	1	LOW	Q16	22.78	22.88	22.84	23.00
		MID	Q16	22.95	22.78	22.64	23.00
		HIGH	Q16	22.90	22.80	22.94	23.00
	12	LOW	Q16	21.59	21.85	21.57	22.00
		MID	Q16	21.60	21.61	21.81	22.00
		HIGH	Q16	21.72	21.79	21.74	22.00
	25	LOW	Q16	21.70	21.74	21.86	22.00
5	1	LOW	64QAM	21.75	21.83	21.81	22.00
		MID	64QAM	21.86	21.90	21.88	22.00
		HIGH	64QAM	21.67	21.93	21.69	22.00
	12	LOW	64QAM	20.69	20.81	20.81	21.00
		MID	64QAM	20.86	20.60	20.62	21.00
		HIGH	64QAM	20.71	20.75	20.63	21.00
	25	LOW	64QAM	20.76	20.59	20.72	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	23.54	23.46	23.48	24.00
		MID	QPSK	23.67	23.66	23.52	24.00
		HIGH	QPSK	23.57	23.64	23.47	24.00
	25	LOW	QPSK	22.58	22.73	22.85	23.00
		MID	QPSK	22.80	22.73	22.74	23.00
		HIGH	QPSK	22.74	22.63	22.73	23.00
	50	LOW	QPSK	22.62	22.66	22.71	23.00
10	1	LOW	Q16	22.97	22.86	22.65	23.00
		MID	Q16	22.79	22.90	22.73	23.00
		HIGH	Q16	22.82	22.82	22.76	23.00
	25	LOW	Q16	21.76	21.57	21.60	22.00
		MID	Q16	21.70	21.81	21.67	22.00
		HIGH	Q16	21.81	21.81	21.58	22.00
	50	LOW	Q16	21.85	21.66	21.77	22.00
10	1	LOW	64QAM	21.71	21.82	21.84	22.00
		MID	64QAM	21.89	21.87	21.79	22.00
		HIGH	64QAM	21.86	21.81	21.82	22.00
	25	LOW	64QAM	20.59	20.68	20.53	21.00
		MID	64QAM	20.72	20.75	20.76	21.00
		HIGH	64QAM	20.71	20.71	20.85	21.00
	50	LOW	64QAM	20.79	20.64	20.65	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.39	23.67	23.56	24.00
		MID	QPSK	23.45	23.72	23.53	24.00
		HIGH	QPSK	23.61	23.69	23.46	24.00
	36	LOW	QPSK	22.61	22.72	22.56	23.00
		MID	QPSK	22.84	22.75	22.68	23.00
		HIGH	QPSK	22.67	22.71	22.71	23.00
	75	LOW	QPSK	22.67	22.53	22.80	23.00
15	1	LOW	Q16	22.92	22.87	22.69	23.00
		MID	Q16	22.90	22.92	22.83	23.00
		HIGH	Q16	22.74	22.88	22.93	23.00
	36	LOW	Q16	21.51	21.68	21.80	22.00
		MID	Q16	21.60	21.65	21.67	22.00
		HIGH	Q16	21.79	21.60	21.76	22.00
	75	LOW	Q16	21.77	21.82	21.86	22.00
15	1	LOW	64QAM	21.73	21.89	21.67	22.00
		MID	64QAM	21.88	21.92	21.78	22.00
		HIGH	64QAM	21.84	21.71	21.83	22.00
	36	LOW	64QAM	20.49	20.80	20.57	21.00
		MID	64QAM	20.62	20.66	20.57	21.00
		HIGH	64QAM	20.72	20.65	20.57	21.00
	75	LOW	64QAM	20.79	20.75	20.63	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	23.48	23.58	23.52	24.00
		MID	QPSK	**23.66**	23.65	23.51	24.00
		HIGH	QPSK	23.59	23.57	23.56	24.00
	50	LOW	QPSK	22.62	22.66	22.70	23.00
		MID	QPSK	22.69	22.68	22.73	23.00
		HIGH	QPSK	22.69	22.72	**22.74**	23.00
	100	LOW	QPSK	22.70	22.64	**22.72**	23.00
20	1	LOW	Q16	22.84	22.83	22.77	23.00
		MID	Q16	22.90	22.86	22.76	23.00
		HIGH	Q16	22.89	22.85	22.81	23.00
	50	LOW	Q16	21.63	21.71	21.68	22.00
		MID	Q16	21.73	21.69	21.72	22.00
		HIGH	Q16	21.71	21.75	21.71	22.00
	100	LOW	Q16	21.76	21.67	21.76	22.00
20	1	LOW	64QAM	21.73	21.95	21.65	22.00
		MID	64QAM	21.80	21.86	21.67	22.00
		HIGH	64QAM	21.80	21.84	21.95	22.00
	50	LOW	64QAM	20.53	20.60	20.57	21.00
		MID	64QAM	20.58	20.69	20.71	21.00
		HIGH	64QAM	20.82	20.85	20.73	21.00
	100	LOW	64QAM	20.86	20.57	20.66	21.00

LTE B7-Level2 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	20.67	20.56	20.80	21.50
		MID	QPSK	20.85	20.52	21.00	21.50
		HIGH	QPSK	20.83	20.60	20.56	21.50
	12	LOW	QPSK	20.90	21.02	20.88	21.50
		MID	QPSK	20.76	20.81	20.65	21.50
		HIGH	QPSK	20.97	20.78	21.04	21.50
	25	LOW	QPSK	20.85	20.96	20.84	21.50
5	1	LOW	Q16	21.25	20.97	21.13	21.50
		MID	Q16	21.12	20.98	21.43	21.50
		HIGH	Q16	21.35	21.01	21.25	21.50
	12	LOW	Q16	20.77	20.99	20.72	21.50
		MID	Q16	20.81	20.83	20.63	21.50
		HIGH	Q16	21.01	20.72	20.98	21.50
	25	LOW	Q16	20.74	20.95	20.72	21.50
5	1	LOW	64QAM	21.14	21.15	21.23	21.50
		MID	64QAM	21.34	21.19	21.21	21.50
		HIGH	64QAM	21.35	20.99	21.29	21.50
	12	LOW	64QAM	20.48	20.49	20.17	21.00
		MID	64QAM	20.25	20.27	20.35	21.00
		HIGH	64QAM	20.44	20.45	20.60	21.00
	25	LOW	64QAM	20.23	20.24	20.24	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.71	20.68	20.88	21.50
		MID	QPSK	20.88	20.77	20.97	21.50
		HIGH	QPSK	20.72	20.70	20.61	21.50
	25	LOW	QPSK	20.89	20.84	20.91	21.50
		MID	QPSK	20.70	21.00	20.56	21.50
		HIGH	QPSK	20.79	20.75	20.89	21.50
	50	LOW	QPSK	20.75	20.93	20.95	21.50
10	1	LOW	Q16	21.13	21.08	21.23	21.50
		MID	Q16	21.10	21.19	21.31	21.50
		HIGH	Q16	21.25	21.04	21.13	21.50
	25	LOW	Q16	20.99	20.82	20.81	21.50
		MID	Q16	20.86	20.76	20.70	21.50
		HIGH	Q16	20.86	20.92	21.02	21.50
	50	LOW	Q16	20.98	20.98	20.94	21.50
10	1	LOW	64QAM	21.26	20.92	21.20	21.50
		MID	64QAM	21.17	21.06	21.18	21.50
		HIGH	64QAM	21.30	21.15	21.40	21.50
	25	LOW	64QAM	20.25	20.34	20.19	21.00
		MID	64QAM	20.46	20.29	20.15	21.00
		HIGH	64QAM	20.50	20.33	20.45	21.00
	50	LOW	64QAM	20.48	20.29	20.31	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.62	20.69	20.91	21.50
		MID	QPSK	20.77	20.63	20.78	21.50
		HIGH	QPSK	20.86	20.62	20.59	21.50
	36	LOW	QPSK	20.90	20.84	20.85	21.50
		MID	QPSK	20.70	20.90	20.64	21.50
		HIGH	QPSK	20.87	20.76	21.03	21.50
	75	LOW	QPSK	20.83	20.95	20.79	21.50
15	1	LOW	Q16	21.27	20.95	21.14	21.50
		MID	Q16	21.06	21.12	21.36	21.50
		HIGH	Q16	21.08	21.14	21.39	21.50
	36	LOW	Q16	20.86	20.91	20.62	21.50
		MID	Q16	20.99	20.85	20.68	21.50
		HIGH	Q16	20.97	20.78	21.01	21.50
	75	LOW	Q16	20.73	21.01	20.66	21.50
15	1	LOW	64QAM	21.14	20.97	21.09	21.50
		MID	64QAM	21.07	20.93	21.47	21.50
		HIGH	64QAM	21.30	21.20	21.37	21.50
	36	LOW	64QAM	20.46	20.26	20.14	21.00
		MID	64QAM	20.36	20.29	20.17	21.00
		HIGH	64QAM	20.54	20.24	20.49	21.00
	75	LOW	64QAM	20.45	20.50	20.31	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	20.74	20.66	20.83	21.50
		MID	QPSK	20.79	20.66	**20.86**	21.50
		HIGH	QPSK	20.79	20.72	20.67	21.50
	50	LOW	QPSK	20.84	20.88	20.93	21.50
		MID	QPSK	20.82	20.88	20.70	21.50
		HIGH	QPSK	20.86	20.90	**21.01**	21.50
	100	LOW	QPSK	20.82	20.87	**20.93**	21.50
20	1	LOW	Q16	21.15	21.07	21.14	21.50
		MID	Q16	21.19	21.08	21.32	21.50
		HIGH	Q16	21.22	21.12	21.27	21.50
	50	LOW	Q16	20.85	20.84	20.72	21.50
		MID	Q16	20.87	20.87	20.73	21.50
		HIGH	Q16	20.92	20.86	20.98	21.50
	100	LOW	Q16	20.83	20.89	20.81	21.50
20	1	LOW	64QAM	21.18	21.17	21.27	21.50
		MID	64QAM	21.16	20.94	21.46	21.50
		HIGH	64QAM	21.20	20.97	21.39	21.50
	50	LOW	64QAM	20.23	20.49	20.10	21.00
		MID	64QAM	20.50	20.22	20.36	21.00
		HIGH	64QAM	20.49	20.51	20.54	21.00
	100	LOW	64QAM	20.24	20.43	20.41	21.00

LTE B7-Full Power -Ant.4(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	21.19	21.28	21.04	23.00
		MID	QPSK	21.18	21.20	21.05	23.00
		HIGH	QPSK	21.17	21.26	21.13	23.00
	12	LOW	QPSK	20.20	20.41	20.20	22.00
		MID	QPSK	20.12	20.25	20.23	22.00
		HIGH	QPSK	20.38	20.35	20.24	22.00
	25	LOW	QPSK	20.09	20.31	20.35	22.00
5	1	LOW	Q16	20.59	20.63	20.39	22.00
		MID	Q16	20.63	20.26	20.57	22.00
		HIGH	Q16	20.49	20.15	20.50	22.00
	12	LOW	Q16	19.43	19.44	19.23	21.00
		MID	Q16	19.36	19.46	19.44	21.00
		HIGH	Q16	19.58	19.43	19.66	21.00
	25	LOW	Q16	19.28	19.35	19.29	21.00
5	1	LOW	64QAM	19.43	19.61	19.68	21.00
		MID	64QAM	19.48	19.42	19.40	21.00
		HIGH	64QAM	19.41	19.28	19.52	21.00
	12	LOW	64QAM	18.54	18.37	18.27	20.00
		MID	64QAM	18.62	18.66	18.27	20.00
		HIGH	64QAM	18.44	18.54	18.53	20.00
	25	LOW	64QAM	18.42	18.55	18.41	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	21.09	21.31	21.17	23.00
		MID	QPSK	21.13	21.14	21.04	23.00
		HIGH	QPSK	21.19	21.34	21.03	23.00
	25	LOW	QPSK	20.17	20.28	20.22	22.00
		MID	QPSK	20.19	20.29	20.25	22.00
		HIGH	QPSK	20.42	20.46	20.26	22.00
	50	LOW	QPSK	20.13	20.34	20.24	22.00
10	1	LOW	Q16	20.62	20.48	20.34	22.00
		MID	Q16	20.70	20.37	20.55	22.00
		HIGH	Q16	20.52	20.25	20.44	22.00
	25	LOW	Q16	19.42	19.51	19.30	21.00
		MID	Q16	19.35	19.41	19.36	21.00
		HIGH	Q16	19.59	19.40	19.66	21.00
	50	LOW	Q16	19.21	19.30	19.23	21.00
10	1	LOW	64QAM	19.45	19.52	19.68	21.00
		MID	64QAM	19.51	19.30	19.48	21.00
		HIGH	64QAM	19.45	19.33	19.66	21.00
	25	LOW	64QAM	18.56	18.22	18.25	20.00
		MID	64QAM	18.56	18.58	18.40	20.00
		HIGH	64QAM	18.48	18.61	18.55	20.00
	50	LOW	64QAM	18.32	18.47	18.38	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	21.01	21.37	21.14	23.00
		MID	QPSK	21.09	21.11	21.10	23.00
		HIGH	QPSK	21.04	21.26	21.16	23.00
	36	LOW	QPSK	20.18	20.31	20.17	22.00
		MID	QPSK	20.16	20.25	20.20	22.00
		HIGH	QPSK	20.30	20.37	20.25	22.00
	75	LOW	QPSK	20.22	20.40	20.32	22.00
15	1	LOW	Q16	20.62	20.49	20.39	22.00
		MID	Q16	20.68	20.33	20.53	22.00
		HIGH	Q16	20.52	20.16	20.55	22.00
	36	LOW	Q16	19.38	19.40	19.31	21.00
		MID	Q16	19.34	19.55	19.44	21.00
		HIGH	Q16	19.52	19.41	19.53	21.00
	75	LOW	Q16	19.24	19.29	19.21	21.00
15	1	LOW	64QAM	19.35	19.60	19.61	21.00
		MID	64QAM	19.48	19.30	19.43	21.00
		HIGH	64QAM	19.50	19.31	19.52	21.00
	36	LOW	64QAM	18.53	18.35	18.26	20.00
		MID	64QAM	18.49	18.68	18.40	20.00
		HIGH	64QAM	18.44	18.59	18.51	20.00
	75	LOW	64QAM	18.40	18.54	18.42	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	21.04	21.34	21.06	23.00
		MID	QPSK	21.08	21.21	21.09	23.00
		HIGH	QPSK	21.08	21.36	21.04	23.00
	50	LOW	QPSK	20.20	20.38	20.22	22.00
		MID	QPSK	20.19	20.35	20.25	22.00
		HIGH	QPSK	20.39	20.45	20.34	22.00
	100	LOW	QPSK	20.19	20.35	20.35	22.00
20	1	LOW	Q16	20.62	20.58	20.40	22.00
		MID	Q16	20.67	20.33	20.54	22.00
		HIGH	Q16	20.47	20.23	20.55	22.00
	50	LOW	Q16	19.46	19.51	19.29	21.00
		MID	Q16	19.44	19.50	19.46	21.00
		HIGH	Q16	19.59	19.47	19.63	21.00
	100	LOW	Q16	19.27	19.34	19.30	21.00
20	1	LOW	64QAM	19.44	19.56	19.64	21.00
		MID	64QAM	19.47	19.41	19.43	21.00
		HIGH	64QAM	19.46	19.36	19.62	21.00
	50	LOW	64QAM	18.56	18.33	18.34	20.00
		MID	64QAM	18.60	18.64	18.35	20.00
		HIGH	64QAM	18.45	18.58	18.52	20.00
	100	LOW	64QAM	18.41	18.53	18.41	20.00

LTE B7-Level1 -Ant.4(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	18.07	18.03	17.87	19.50
		MID	QPSK	17.95	17.92	17.95	19.50
		HIGH	QPSK	18.13	18.04	18.10	19.50
	12	LOW	QPSK	17.84	18.06	17.90	19.50
		MID	QPSK	17.93	18.00	17.93	19.50
		HIGH	QPSK	18.01	18.21	18.17	19.50
	25	LOW	QPSK	18.00	18.04	18.10	19.50
5	1	LOW	Q16	18.12	18.16	17.97	19.50
		MID	Q16	18.04	17.92	18.14	19.50
		HIGH	Q16	17.96	18.06	18.00	19.50
	12	LOW	Q16	17.91	17.97	17.87	19.50
		MID	Q16	18.15	17.89	18.01	19.50
		HIGH	Q16	17.94	18.10	18.16	19.50
	25	LOW	Q16	18.07	18.01	18.13	19.50
5	1	LOW	64QAM	17.94	18.13	18.06	19.50
		MID	64QAM	18.19	18.09	17.92	19.50
		HIGH	64QAM	17.81	17.93	17.95	19.50
	12	LOW	64QAM	18.08	17.92	18.14	19.50
		MID	64QAM	17.72	18.04	18.15	19.50
		HIGH	64QAM	17.79	18.12	18.11	19.50
	25	LOW	64QAM	18.19	18.01	17.98	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	18.08	17.97	18.01	19.50
		MID	QPSK	17.83	17.95	17.89	19.50
		HIGH	QPSK	18.10	18.10	18.13	19.50
	25	LOW	QPSK	17.94	17.95	17.97	19.50
		MID	QPSK	17.93	17.98	17.85	19.50
		HIGH	QPSK	18.02	18.20	18.03	19.50
	50	LOW	QPSK	18.05	18.14	18.14	19.50
10	1	LOW	Q16	18.19	18.06	18.03	19.50
		MID	Q16	18.01	17.95	18.13	19.50
		HIGH	Q16	18.03	18.05	17.99	19.50
	25	LOW	Q16	17.99	18.03	17.95	19.50
		MID	Q16	18.12	17.94	18.05	19.50
		HIGH	Q16	18.00	18.02	18.16	19.50
	50	LOW	Q16	18.10	17.90	18.17	19.50
10	1	LOW	64QAM	17.92	18.19	18.08	19.50
		MID	64QAM	18.05	18.07	18.02	19.50
		HIGH	64QAM	17.81	17.91	17.98	19.50
	25	LOW	64QAM	18.11	17.91	18.11	19.50
		MID	64QAM	17.87	17.96	18.11	19.50
		HIGH	64QAM	17.82	18.12	18.09	19.50
	50	LOW	64QAM	18.08	18.02	18.03	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	18.14	18.04	17.97	19.50
		MID	QPSK	17.96	17.92	17.89	19.50
		HIGH	QPSK	18.13	17.97	18.06	19.50
	36	LOW	QPSK	17.83	18.01	17.97	19.50
		MID	QPSK	17.95	18.04	17.90	19.50
		HIGH	QPSK	18.01	18.07	18.15	19.50
	75	LOW	QPSK	18.12	18.09	18.12	19.50
15	1	LOW	Q16	18.14	18.20	18.03	19.50
		MID	Q16	18.03	18.01	18.15	19.50
		HIGH	Q16	18.05	18.08	17.98	19.50
	36	LOW	Q16	18.02	17.97	17.99	19.50
		MID	Q16	18.18	17.96	17.97	19.50
		HIGH	Q16	17.84	18.03	18.11	19.50
	75	LOW	Q16	18.06	17.93	18.15	19.50
15	1	LOW	64QAM	17.87	18.19	18.09	19.50
		MID	64QAM	18.17	18.03	17.94	19.50
		HIGH	64QAM	17.87	17.94	17.95	19.50
	36	LOW	64QAM	18.13	17.94	18.12	19.50
		MID	64QAM	17.87	18.05	18.15	19.50
		HIGH	64QAM	17.85	18.08	18.13	19.50
	75	LOW	64QAM	18.13	18.03	17.94	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**18.18**	18.13	18.03	19.50
		MID	QPSK	17.98	18.08	18.01	19.50
		HIGH	QPSK	**18.18**	18.12	18.14	19.50
	50	LOW	QPSK	17.97	18.08	17.98	19.50
		MID	QPSK	17.95	18.12	17.98	19.50
		HIGH	QPSK	18.04	**18.21**	18.18	19.50
	100	LOW	QPSK	18.12	18.17	**18.25**	19.50
20	1	LOW	Q16	18.24	18.20	18.05	19.50
		MID	Q16	18.06	18.03	18.19	19.50
		HIGH	Q16	18.05	18.09	18.09	19.50
	50	LOW	Q16	18.06	18.12	18.02	19.50
		MID	Q16	18.19	17.98	18.10	19.50
		HIGH	Q16	18.00	18.14	18.17	19.50
	100	LOW	Q16	18.12	18.05	18.24	19.50
20	1	LOW	64QAM	18.03	18.24	18.21	19.50
		MID	64QAM	18.20	18.11	18.07	19.50
		HIGH	64QAM	17.90	18.06	18.05	19.50
	50	LOW	64QAM	18.23	17.95	18.18	19.50
		MID	64QAM	17.88	18.07	18.19	19.50
		HIGH	64QAM	17.95	18.20	18.14	19.50
	100	LOW	64QAM	18.20	18.16	18.04	19.50

LTE B7-Level2 -Ant.4(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	17.52	17.60	17.54	19.00
		MID	QPSK	17.32	17.50	17.30	19.00
		HIGH	QPSK	17.52	17.47	17.63	19.00
	12	LOW	QPSK	17.40	17.49	17.31	19.00
		MID	QPSK	17.63	17.59	17.61	19.00
		HIGH	QPSK	17.59	17.71	17.58	19.00
	25	LOW	QPSK	17.63	17.59	17.56	19.00
5	1	LOW	Q16	17.60	17.58	17.49	19.00
		MID	Q16	17.61	17.55	17.55	19.00
		HIGH	Q16	17.64	17.43	17.50	19.00
	12	LOW	Q16	17.66	17.50	17.33	19.00
		MID	Q16	17.42	17.35	17.54	19.00
		HIGH	Q16	17.46	17.28	17.35	19.00
	25	LOW	Q16	17.27	17.54	17.59	19.00
5	1	LOW	64QAM	17.63	17.33	17.67	19.00
		MID	64QAM	17.49	17.46	17.67	19.00
		HIGH	64QAM	17.28	17.61	17.24	19.00
	12	LOW	64QAM	17.38	17.65	17.42	19.00
		MID	64QAM	17.61	17.59	17.36	19.00
		HIGH	64QAM	17.41	17.40	17.59	19.00
	25	LOW	64QAM	17.42	17.50	17.56	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	17.63	17.57	17.41	19.00
		MID	QPSK	17.45	17.46	17.36	19.00
		HIGH	QPSK	17.59	17.53	17.49	19.00
	25	LOW	QPSK	17.50	17.44	17.29	19.00
		MID	QPSK	17.60	17.55	17.67	19.00
		HIGH	QPSK	17.62	17.63	17.64	19.00
	50	LOW	QPSK	17.68	17.56	17.68	19.00
10	1	LOW	Q16	17.48	17.58	17.48	19.00
		MID	Q16	17.66	17.61	17.49	19.00
		HIGH	Q16	17.67	17.42	17.46	19.00
	25	LOW	Q16	17.60	17.48	17.43	19.00
		MID	Q16	17.41	17.38	17.48	19.00
		HIGH	Q16	17.62	17.32	17.40	19.00
	50	LOW	Q16	17.31	17.61	17.56	19.00
10	1	LOW	64QAM	17.62	17.41	17.58	19.00
		MID	64QAM	17.55	17.42	17.62	19.00
		HIGH	64QAM	17.32	17.59	17.29	19.00
	25	LOW	64QAM	17.40	17.68	17.44	19.00
		MID	64QAM	17.67	17.68	17.44	19.00
		HIGH	64QAM	17.53	17.51	17.50	19.00
	50	LOW	64QAM	17.45	17.53	17.48	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	17.57	17.48	17.53	19.00
		MID	QPSK	17.45	17.48	17.32	19.00
		HIGH	QPSK	17.62	17.51	17.59	19.00
	36	LOW	QPSK	17.43	17.53	17.39	19.00
		MID	QPSK	17.62	17.67	17.55	19.00
		HIGH	QPSK	17.55	17.71	17.64	19.00
	75	LOW	QPSK	17.58	17.55	17.59	19.00
15	1	LOW	Q16	17.58	17.57	17.53	19.00
		MID	Q16	17.67	17.53	17.56	19.00
		HIGH	Q16	17.65	17.29	17.55	19.00
	36	LOW	Q16	17.60	17.34	17.32	19.00
		MID	Q16	17.42	17.40	17.38	19.00
		HIGH	Q16	17.51	17.39	17.33	19.00
	75	LOW	Q16	17.37	17.57	17.59	19.00
15	1	LOW	64QAM	17.63	17.42	17.72	19.00
		MID	64QAM	17.54	17.43	17.71	19.00
		HIGH	64QAM	17.28	17.59	17.31	19.00
	36	LOW	64QAM	17.48	17.56	17.41	19.00
		MID	64QAM	17.70	17.60	17.40	19.00
		HIGH	64QAM	17.41	17.45	17.47	19.00
	75	LOW	64QAM	17.56	17.55	17.54	19.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	20850	21100	21350	Tune-up power(dBm)
20	1	LOW	QPSK	**17.66**	17.62	17.54	19.00
		MID	QPSK	17.48	17.50	17.44	19.00
		HIGH	QPSK	17.63	17.63	17.63	19.00
	50	LOW	QPSK	17.53	17.56	17.45	19.00
		MID	QPSK	17.64	17.68	17.69	19.00
		HIGH	QPSK	17.63	**17.75**	17.74	19.00
	100	LOW	QPSK	**17.74**	17.66	17.69	19.00
20	1	LOW	Q16	17.63	17.69	17.55	19.00
		MID	Q16	17.69	17.64	17.59	19.00
		HIGH	Q16	17.76	17.43	17.62	19.00
	50	LOW	Q16	17.67	17.50	17.43	19.00
		MID	Q16	17.57	17.42	17.54	19.00
		HIGH	Q16	17.62	17.44	17.47	19.00
	100	LOW	Q16	17.42	17.70	17.67	19.00
20	1	LOW	64QAM	17.73	17.49	17.72	19.00
		MID	64QAM	17.56	17.46	17.72	19.00
		HIGH	64QAM	17.44	17.65	17.37	19.00
	50	LOW	64QAM	17.54	17.70	17.45	19.00
		MID	64QAM	17.72	17.68	17.47	19.00
		HIGH	64QAM	17.57	17.53	17.62	19.00
	100	LOW	64QAM	17.56	17.58	17.62	19.00

8.3.5 LTE Band12 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**24.22**	24.09	24.06	25.00
		MID	QPSK	24.05	23.99	24.00	25.00
		HIGH	QPSK	24.14	24.08	23.90	25.00
	3	LOW	QPSK	23.99	24.12	24.00	25.00
		MID	QPSK	24.13	24.10	23.96	25.00
		HIGH	QPSK	24.14	24.08	24.13	25.00
	6	LOW	QPSK	23.12	23.26	23.08	24.00
1.4	1	LOW	Q16	22.98	23.58	23.15	24.00
		MID	Q16	23.10	23.47	23.09	24.00
		HIGH	Q16	22.93	23.49	23.14	24.00
	3	LOW	Q16	23.05	23.05	23.30	24.00
		MID	Q16	23.34	23.34	23.11	24.00
		HIGH	Q16	23.10	23.11	23.39	24.00
	6	LOW	Q16	22.33	22.17	22.13	23.00
1.4	1	LOW	64QAM	22.14	22.56	22.08	23.00
		MID	64QAM	21.97	22.52	22.05	23.00
		HIGH	64QAM	21.91	22.62	22.18	23.00
	3	LOW	64QAM	22.24	22.13	22.08	23.00
		MID	64QAM	22.33	22.18	22.13	23.00
		HIGH	64QAM	22.31	22.15	22.24	23.00
	6	LOW	64QAM	21.17	21.33	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.12	**24.15**	24.03	25.00
		MID	QPSK	23.91	24.09	24.14	25.00
		HIGH	QPSK	23.94	24.09	24.11	25.00
	8	LOW	QPSK	23.20	23.19	23.04	24.00
		MID	QPSK	23.20	23.37	22.98	24.00
		HIGH	QPSK	23.16	23.18	23.05	24.00
	15	LOW	QPSK	23.29	23.07	23.09	24.00
3	1	LOW	Q16	23.02	23.58	23.16	24.00
		MID	Q16	23.16	23.41	23.24	24.00
		HIGH	Q16	23.04	23.64	23.01	24.00
	8	LOW	Q16	22.17	22.04	22.23	23.00
		MID	Q16	22.18	22.09	22.31	23.00
		HIGH	Q16	22.11	22.34	22.30	23.00
	15	LOW	Q16	22.26	22.39	22.13	23.00
3	1	LOW	64QAM	22.20	22.74	22.12	23.00
		MID	64QAM	21.96	22.38	22.28	23.00
		HIGH	64QAM	21.89	22.65	22.21	23.00
	8	LOW	64QAM	21.13	21.06	21.31	23.00
		MID	64QAM	21.26	21.17	21.23	23.00
		HIGH	64QAM	21.31	21.26	21.38	23.00
	15	LOW	64QAM	21.30	21.24	21.11	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.05	23.89	23.98	25.00
		MID	QPSK	23.95	24.10	**24.15**	25.00
		HIGH	QPSK	24.00	23.97	24.14	25.00
	12	LOW	QPSK	23.12	23.16	23.01	24.00
		MID	QPSK	23.12	23.09	23.09	24.00
		HIGH	QPSK	23.31	23.19	23.13	24.00
	25	LOW	QPSK	23.10	23.20	23.08	24.00
5	1	LOW	Q16	23.09	23.63	23.03	24.00
		MID	Q16	22.87	23.43	23.02	24.00
		HIGH	Q16	22.92	23.44	23.06	24.00
	12	LOW	Q16	22.14	22.30	22.25	23.00
		MID	Q16	22.20	22.19	22.15	23.00
		HIGH	Q16	22.26	22.15	22.25	23.00
	25	LOW	Q16	22.20	22.15	22.23	23.00
5	1	LOW	64QAM	22.06	22.50	22.11	23.00
		MID	64QAM	21.87	22.52	22.29	23.00
		HIGH	64QAM	22.12	22.59	21.98	23.00
	12	LOW	64QAM	21.21	21.24	21.37	22.00
		MID	64QAM	21.14	21.15	21.33	22.00
		HIGH	64QAM	21.26	21.20	21.16	22.00
	25	LOW	64QAM	21.16	21.33	21.23	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**24.12**	24.03	24.03	25.00
		MID	QPSK	24.06	24.00	24.09	25.00
		HIGH	QPSK	24.07	24.02	24.04	25.00
	25	LOW	QPSK	23.11	23.11	23.13	24.00
		MID	QPSK	23.21	23.22	23.11	24.00
		HIGH	QPSK	23.20	23.17	23.18	24.00
	50	LOW	QPSK	23.22	23.21	23.11	24.00
10	1	LOW	Q16	23.08	23.59	23.14	24.00
		MID	Q16	23.02	23.51	23.14	24.00
		HIGH	Q16	22.99	23.52	23.07	24.00
	25	LOW	Q16	22.19	22.15	22.23	23.00
		MID	Q16	22.25	22.23	22.24	23.00
		HIGH	Q16	22.22	22.25	22.25	23.00
	50	LOW	Q16	22.20	22.24	22.18	23.00
10	1	LOW	64QAM	21.96	22.44	22.14	23.00
		MID	64QAM	22.07	22.63	22.22	23.00
		HIGH	64QAM	22.11	22.58	22.02	23.00
	25	LOW	64QAM	21.08	21.06	21.08	22.00
		MID	64QAM	21.27	21.35	21.32	22.00
		HIGH	64QAM	21.30	21.34	21.31	22.00
	50	LOW	64QAM	21.10	21.35	21.14	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.79	22.81	22.85	24.00
		MID	QPSK	22.77	22.83	22.85	24.00
		HIGH	QPSK	22.68	22.60	22.75	24.00
	3	LOW	QPSK	22.87	22.67	22.69	24.00
		MID	QPSK	23.07	22.85	22.67	24.00
		HIGH	QPSK	22.85	22.92	22.75	24.00
	6	LOW	QPSK	22.83	22.79	22.77	24.00
1.4	1	LOW	Q16	22.89	**23.28**	22.77	24.00
		MID	Q16	22.63	23.10	22.66	24.00
		HIGH	Q16	22.65	23.19	22.86	24.00
	3	LOW	Q16	22.81	23.06	22.85	24.00
		MID	Q16	22.99	23.04	22.75	24.00
		HIGH	Q16	22.91	23.01	22.80	24.00
	6	LOW	Q16	21.81	22.00	21.76	23.00
1.4	1	LOW	64QAM	21.92	22.29	21.90	23.00
		MID	64QAM	21.71	22.36	21.77	23.00
		HIGH	64QAM	21.63	22.32	21.71	23.00
	3	LOW	64QAM	22.03	21.80	21.84	23.00
		MID	64QAM	22.07	22.03	21.87	23.00
		HIGH	64QAM	22.03	21.92	21.84	23.00
	6	LOW	64QAM	20.89	20.97	20.71	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.95	22.82	22.68	24.00
		MID	QPSK	22.71	22.88	22.70	24.00
		HIGH	QPSK	22.88	22.58	22.83	24.00
	8	LOW	QPSK	22.93	22.80	22.84	24.00
		MID	QPSK	23.02	22.99	22.84	24.00
		HIGH	QPSK	22.77	22.80	22.76	24.00
	15	LOW	QPSK	22.85	22.77	22.91	24.00
3	1	LOW	Q16	22.68	**23.41**	22.76	24.00
		MID	Q16	22.90	23.31	22.82	24.00
		HIGH	Q16	22.78	23.29	22.71	24.00
	8	LOW	Q16	21.87	21.82	22.02	23.00
		MID	Q16	22.15	22.04	21.94	23.00
		HIGH	Q16	22.03	22.06	21.84	23.00
	15	LOW	Q16	21.97	21.86	21.81	23.00
3	1	LOW	64QAM	21.88	22.30	21.81	23.00
		MID	64QAM	21.73	22.26	21.68	23.00
		HIGH	64QAM	21.77	22.21	21.81	23.00
	8	LOW	64QAM	20.84	21.07	20.84	22.00
		MID	64QAM	20.93	20.90	20.93	22.00
		HIGH	64QAM	20.87	20.86	21.02	22.00
	15	LOW	64QAM	21.08	21.03	20.72	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.84	22.84	22.65	24.00
		MID	QPSK	22.80	22.83	22.61	24.00
		HIGH	QPSK	22.79	22.70	22.80	24.00
	12	LOW	QPSK	22.83	22.94	22.91	24.00
		MID	QPSK	22.82	22.99	22.78	24.00
		HIGH	QPSK	22.98	22.85	22.69	24.00
	25	LOW	QPSK	22.96	22.77	22.85	24.00
5	1	LOW	Q16	22.66	23.29	22.83	24.00
		MID	Q16	22.64	23.12	22.84	24.00
		HIGH	Q16	22.62	**23.35**	22.66	24.00
	12	LOW	Q16	22.05	21.93	21.78	23.00
		MID	Q16	21.92	21.84	21.78	23.00
		HIGH	Q16	21.77	21.82	21.82	23.00
	25	LOW	Q16	21.87	21.89	21.80	23.00
5	1	LOW	64QAM	21.79	22.20	21.74	23.00
		MID	64QAM	21.86	22.37	21.67	23.00
		HIGH	64QAM	21.55	22.33	21.82	23.00
	12	LOW	64QAM	20.90	20.97	20.85	22.00
		MID	64QAM	20.87	21.03	21.00	22.00
		HIGH	64QAM	20.93	20.93	20.87	22.00
	25	LOW	64QAM	21.10	20.80	20.98	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**22.85**	22.75	22.76	24.00
		MID	QPSK	22.81	22.73	22.75	24.00
		HIGH	QPSK	22.82	22.68	22.69	24.00
	25	LOW	QPSK	22.90	22.79	22.81	24.00
		MID	QPSK	**22.96**	22.84	22.78	24.00
		HIGH	QPSK	22.92	22.91	22.82	24.00
	50	LOW	QPSK	**22.97**	22.82	22.79	24.00
10	1	LOW	Q16	22.80	**23.33**	22.85	24.00
		MID	Q16	22.76	23.25	22.80	24.00
		HIGH	Q16	22.70	23.22	22.75	24.00
	25	LOW	Q16	21.92	21.92	21.93	23.00
		MID	Q16	22.00	21.89	21.90	23.00
		HIGH	Q16	21.91	21.92	21.94	23.00
	50	LOW	Q16	21.95	21.90	21.85	23.00
10	1	LOW	64QAM	21.85	22.19	21.98	23.00
		MID	64QAM	21.68	22.25	21.93	23.00
		HIGH	64QAM	21.61	22.27	21.70	23.00
	25	LOW	64QAM	21.02	20.96	20.80	22.00
		MID	64QAM	21.00	20.97	20.85	22.00
		HIGH	64QAM	21.04	20.96	20.86	22.00
	50	LOW	64QAM	21.08	20.75	20.86	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	**24.22**	24.09	24.06	25.00
		MID	QPSK	24.05	23.99	24.00	25.00
		HIGH	QPSK	24.14	24.08	23.90	25.00
	3	LOW	QPSK	23.99	24.12	24.00	25.00
		MID	QPSK	24.13	24.10	23.96	25.00
		HIGH	QPSK	24.14	24.08	24.13	25.00
	6	LOW	QPSK	23.12	23.26	23.08	24.00
1.4	1	LOW	Q16	22.98	23.58	23.15	24.00
		MID	Q16	23.10	23.47	23.09	24.00
		HIGH	Q16	22.93	23.49	23.14	24.00
	3	LOW	Q16	23.05	23.05	23.30	24.00
		MID	Q16	23.34	23.34	23.11	24.00
		HIGH	Q16	23.10	23.11	23.39	24.00
	6	LOW	Q16	22.33	22.17	22.13	23.00
1.4	1	LOW	64QAM	22.14	22.56	22.08	23.00
		MID	64QAM	21.97	22.52	22.05	23.00
		HIGH	64QAM	21.91	22.62	22.18	23.00
	3	LOW	64QAM	22.24	22.13	22.08	23.00
		MID	64QAM	22.33	22.18	22.13	23.00
		HIGH	64QAM	22.31	22.15	22.24	23.00
	6	LOW	64QAM	21.17	21.33	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.12	**24.15**	24.03	25.00
		MID	QPSK	23.91	24.09	24.14	25.00
		HIGH	QPSK	23.94	24.09	24.11	25.00
	8	LOW	QPSK	23.20	23.19	23.04	24.00
		MID	QPSK	23.20	23.37	22.98	24.00
		HIGH	QPSK	23.16	23.18	23.05	24.00
	15	LOW	QPSK	23.29	23.07	23.09	24.00
3	1	LOW	Q16	23.02	23.58	23.16	24.00
		MID	Q16	23.16	23.41	23.24	24.00
		HIGH	Q16	23.04	23.64	23.01	24.00
	8	LOW	Q16	22.17	22.04	22.23	23.00
		MID	Q16	22.18	22.09	22.31	23.00
		HIGH	Q16	22.11	22.34	22.30	23.00
	15	LOW	Q16	22.26	22.39	22.13	23.00
3	1	LOW	64QAM	22.20	22.74	22.12	23.00
		MID	64QAM	21.96	22.38	22.28	23.00
		HIGH	64QAM	21.89	22.65	22.21	23.00
	8	LOW	64QAM	21.13	21.06	21.31	23.00
		MID	64QAM	21.26	21.17	21.23	23.00
		HIGH	64QAM	21.31	21.26	21.38	23.00
	15	LOW	64QAM	21.30	21.24	21.11	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.05	23.89	23.98	25.00
		MID	QPSK	23.95	24.10	**24.15**	25.00
		HIGH	QPSK	24.00	23.97	24.14	25.00
	12	LOW	QPSK	23.12	23.16	23.01	24.00
		MID	QPSK	23.12	23.09	23.09	24.00
		HIGH	QPSK	23.31	23.19	23.13	24.00
	25	LOW	QPSK	23.10	23.20	23.08	24.00
5	1	LOW	Q16	23.09	23.63	23.03	24.00
		MID	Q16	22.87	23.43	23.02	24.00
		HIGH	Q16	22.92	23.44	23.06	24.00
	12	LOW	Q16	22.14	22.30	22.25	23.00
		MID	Q16	22.20	22.19	22.15	23.00
		HIGH	Q16	22.26	22.15	22.25	23.00
	25	LOW	Q16	22.20	22.15	22.23	23.00
5	1	LOW	64QAM	22.06	22.50	22.11	23.00
		MID	64QAM	21.87	22.52	22.29	23.00
		HIGH	64QAM	22.12	22.59	21.98	23.00
	12	LOW	64QAM	21.21	21.24	21.37	22.00
		MID	64QAM	21.14	21.15	21.33	22.00
		HIGH	64QAM	21.26	21.20	21.16	22.00
	25	LOW	64QAM	21.16	21.33	21.23	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**24.12**	24.03	24.03	25.00
		MID	QPSK	24.06	24.00	24.09	25.00
		HIGH	QPSK	24.07	24.02	24.04	25.00
	25	LOW	QPSK	23.11	23.11	23.13	24.00
		MID	QPSK	23.21	**23.22**	23.11	24.00
		HIGH	QPSK	23.20	23.17	23.18	24.00
	50	LOW	QPSK	**23.22**	23.21	23.11	24.00
10	1	LOW	Q16	23.08	**23.59**	23.14	24.00
		MID	Q16	23.02	23.51	23.14	24.00
		HIGH	Q16	22.99	23.52	23.07	24.00
	25	LOW	Q16	22.19	22.15	22.23	23.00
		MID	Q16	22.25	22.23	22.24	23.00
		HIGH	Q16	22.22	22.25	22.25	23.00
	50	LOW	Q16	22.20	22.24	22.18	23.00
10	1	LOW	64QAM	21.96	22.44	22.14	23.00
		MID	64QAM	22.07	22.63	22.22	23.00
		HIGH	64QAM	22.11	22.58	22.02	23.00
	25	LOW	64QAM	21.08	21.06	21.08	22.00
		MID	64QAM	21.27	21.35	21.32	22.00
		HIGH	64QAM	21.30	21.34	21.31	22.00
	50	LOW	64QAM	21.10	21.35	21.14	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.32	24.28	24.22	25.00
		MID	QPSK	24.12	24.07	24.01	25.00
		HIGH	QPSK	24.02	24.20	23.96	25.00
	3	LOW	QPSK	24.26	24.16	24.23	25.00
		MID	QPSK	**24.41**	24.24	24.16	25.00
		HIGH	QPSK	24.33	24.16	24.16	25.00
	6	LOW	QPSK	23.25	23.12	23.11	24.00
1.4	1	LOW	Q16	23.29	23.53	23.21	24.00
		MID	Q16	23.09	23.47	23.35	24.00
		HIGH	Q16	22.92	23.52	23.12	24.00
	3	LOW	Q16	23.13	23.29	23.28	24.00
		MID	Q16	23.39	23.46	23.25	24.00
		HIGH	Q16	23.21	23.43	23.37	24.00
	6	LOW	Q16	22.12	22.20	22.09	23.00
1.4	1	LOW	64QAM	22.06	22.64	22.21	23.00
		MID	64QAM	21.93	22.43	22.20	23.00
		HIGH	64QAM	22.19	22.65	22.02	23.00
	3	LOW	64QAM	22.31	22.25	22.25	23.00
		MID	64QAM	22.50	22.26	22.36	23.00
		HIGH	64QAM	22.28	22.24	22.29	23.00
	6	LOW	64QAM	21.30	21.14	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.11	24.22	25.00
		MID	QPSK	24.21	23.99	24.02	25.00
		HIGH	QPSK	**24.24**	24.21	24.01	25.00
	8	LOW	QPSK	23.06	23.27	23.26	24.00
		MID	QPSK	23.29	23.16	23.19	24.00
		HIGH	QPSK	23.32	23.33	23.19	24.00
	15	LOW	QPSK	23.23	23.15	23.27	24.00
3	1	LOW	Q16	23.26	23.63	23.28	24.00
		MID	Q16	23.07	23.71	23.25	24.00
		HIGH	Q16	23.04	23.62	23.11	24.00
	8	LOW	Q16	22.40	22.17	22.34	23.00
		MID	Q16	22.42	22.22	22.19	23.00
		HIGH	Q16	22.28	22.39	22.23	23.00
	15	LOW	Q16	22.24	22.35	22.21	23.00
3	1	LOW	64QAM	22.22	22.57	22.25	23.00
		MID	64QAM	22.09	22.53	22.11	23.00
		HIGH	64QAM	22.02	22.71	22.25	23.00
	8	LOW	64QAM	21.17	21.14	21.18	23.00
		MID	64QAM	21.48	21.46	21.29	23.00
		HIGH	64QAM	21.32	21.29	21.43	23.00
	15	LOW	64QAM	21.12	21.34	21.26	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.09	**24.23**	25.00
		MID	QPSK	24.18	23.95	24.09	25.00
		HIGH	QPSK	24.00	24.14	24.13	25.00
	12	LOW	QPSK	23.17	23.23	23.32	24.00
		MID	QPSK	23.15	23.22	23.18	24.00
		HIGH	QPSK	23.23	23.23	23.24	24.00
	25	LOW	QPSK	23.16	23.36	23.28	24.00
5	1	LOW	Q16	23.22	23.72	23.20	24.00
		MID	Q16	22.99	23.55	23.16	24.00
		HIGH	Q16	22.93	23.61	23.18	24.00
	12	LOW	Q16	22.37	22.32	22.24	23.00
		MID	Q16	22.37	22.28	22.37	23.00
		HIGH	Q16	22.38	22.24	22.43	23.00
	25	LOW	Q16	22.42	22.30	22.28	23.00
5	1	LOW	64QAM	22.27	22.76	22.28	23.00
		MID	64QAM	22.05	22.57	22.07	23.00
		HIGH	64QAM	22.18	22.66	22.29	23.00
	12	LOW	64QAM	21.16	21.21	21.16	22.00
		MID	64QAM	21.35	21.33	21.25	22.00
		HIGH	64QAM	21.32	21.45	21.23	22.00
	25	LOW	64QAM	21.39	21.34	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**24.21**	24.13	24.10	25.00
		MID	QPSK	24.15	24.07	24.14	25.00
		HIGH	QPSK	24.13	24.07	24.11	25.00
	25	LOW	QPSK	23.16	23.19	23.19	24.00
		MID	QPSK	23.26	23.27	23.24	24.00
		HIGH	QPSK	23.26	23.27	23.28	24.00
	50	LOW	QPSK	23.27	23.27	23.20	24.00
10	1	LOW	Q16	23.16	23.64	23.17	24.00
		MID	Q16	23.07	23.57	23.22	24.00
		HIGH	Q16	23.06	23.61	23.16	24.00
	25	LOW	Q16	22.28	22.26	22.30	23.00
		MID	Q16	22.35	22.33	22.31	23.00
		HIGH	Q16	22.34	22.30	22.36	23.00
	50	LOW	Q16	22.27	22.29	22.24	23.00
10	1	LOW	64QAM	22.18	22.50	22.11	23.00
		MID	64QAM	21.97	22.64	22.22	23.00
		HIGH	64QAM	21.92	22.72	22.25	23.00
	25	LOW	64QAM	21.32	21.23	21.35	22.00
		MID	64QAM	21.21	21.20	21.21	22.00
		HIGH	64QAM	21.25	21.32	21.43	22.00
	50	LOW	64QAM	21.21	21.15	21.32	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.32	24.28	24.22	25.00
		MID	QPSK	24.12	24.07	24.01	25.00
		HIGH	QPSK	24.02	24.20	23.96	25.00
	3	LOW	QPSK	24.26	24.16	24.23	25.00
		MID	QPSK	**24.41**	24.24	24.16	25.00
		HIGH	QPSK	24.33	24.16	24.16	25.00
	6	LOW	QPSK	23.25	23.12	23.11	24.00
1.4	1	LOW	Q16	23.29	23.53	23.21	24.00
		MID	Q16	23.09	23.47	23.35	24.00
		HIGH	Q16	22.92	23.52	23.12	24.00
	3	LOW	Q16	23.13	23.29	23.28	24.00
		MID	Q16	23.39	23.46	23.25	24.00
		HIGH	Q16	23.21	23.43	23.37	24.00
	6	LOW	Q16	22.12	22.20	22.09	23.00
1.4	1	LOW	64QAM	22.06	22.64	22.21	23.00
		MID	64QAM	21.93	22.43	22.20	23.00
		HIGH	64QAM	22.19	22.65	22.02	23.00
	3	LOW	64QAM	22.31	22.25	22.25	23.00
		MID	64QAM	22.50	22.26	22.36	23.00
		HIGH	64QAM	22.28	22.24	22.29	23.00
	6	LOW	64QAM	21.30	21.14	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.11	24.22	25.00
		MID	QPSK	24.21	23.99	24.02	25.00
		HIGH	QPSK	**24.24**	24.21	24.01	25.00
	8	LOW	QPSK	23.06	23.27	23.26	24.00
		MID	QPSK	23.29	23.16	23.19	24.00
		HIGH	QPSK	23.32	23.33	23.19	24.00
	15	LOW	QPSK	23.23	23.15	23.27	24.00
3	1	LOW	Q16	23.26	23.63	23.28	24.00
		MID	Q16	23.07	23.71	23.25	24.00
		HIGH	Q16	23.04	23.62	23.11	24.00
	8	LOW	Q16	22.40	22.17	22.34	23.00
		MID	Q16	22.42	22.22	22.19	23.00
		HIGH	Q16	22.28	22.39	22.23	23.00
	15	LOW	Q16	22.24	22.35	22.21	23.00
3	1	LOW	64QAM	22.22	22.57	22.25	23.00
		MID	64QAM	22.09	22.53	22.11	23.00
		HIGH	64QAM	22.02	22.71	22.25	23.00
	8	LOW	64QAM	21.17	21.14	21.18	23.00
		MID	64QAM	21.48	21.46	21.29	23.00
		HIGH	64QAM	21.32	21.29	21.43	23.00
	15	LOW	64QAM	21.12	21.34	21.26	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.09	**24.23**	25.00
		MID	QPSK	24.18	23.95	24.09	25.00
		HIGH	QPSK	24.00	24.14	24.13	25.00
	12	LOW	QPSK	23.17	23.23	23.32	24.00
		MID	QPSK	23.15	23.22	23.18	24.00
		HIGH	QPSK	23.23	23.23	23.24	24.00
	25	LOW	QPSK	23.16	23.36	23.28	24.00
5	1	LOW	Q16	23.22	23.72	23.20	24.00
		MID	Q16	22.99	23.55	23.16	24.00
		HIGH	Q16	22.93	23.61	23.18	24.00
	12	LOW	Q16	22.37	22.32	22.24	23.00
		MID	Q16	22.37	22.28	22.37	23.00
		HIGH	Q16	22.38	22.24	22.43	23.00
	25	LOW	Q16	22.42	22.30	22.28	23.00
5	1	LOW	64QAM	22.27	22.76	22.28	23.00
		MID	64QAM	22.05	22.57	22.07	23.00
		HIGH	64QAM	22.18	22.66	22.29	23.00
	12	LOW	64QAM	21.16	21.21	21.16	22.00
		MID	64QAM	21.35	21.33	21.25	22.00
		HIGH	64QAM	21.32	21.45	21.23	22.00
	25	LOW	64QAM	21.39	21.34	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**24.21**	24.13	24.10	25.00
		MID	QPSK	24.15	24.07	24.14	25.00
		HIGH	QPSK	24.13	24.07	24.11	25.00
	25	LOW	QPSK	23.16	23.19	23.19	24.00
		MID	QPSK	23.26	23.27	23.24	24.00
		HIGH	QPSK	23.26	23.27	**23.28**	24.00
	50	LOW	QPSK	**23.27**	**23.27**	23.20	24.00
10	1	LOW	Q16	23.16	**23.64**	23.17	24.00
		MID	Q16	23.07	23.57	23.22	24.00
		HIGH	Q16	23.06	23.61	23.16	24.00
	25	LOW	Q16	22.28	22.26	22.30	23.00
		MID	Q16	22.35	22.33	22.31	23.00
		HIGH	Q16	22.34	22.30	22.36	23.00
	50	LOW	Q16	22.27	22.29	22.24	23.00
10	1	LOW	64QAM	22.18	22.50	22.11	23.00
		MID	64QAM	21.97	22.64	22.22	23.00
		HIGH	64QAM	21.92	22.72	22.25	23.00
	25	LOW	64QAM	21.32	21.23	21.35	22.00
		MID	64QAM	21.21	21.20	21.21	22.00
		HIGH	64QAM	21.25	21.32	21.43	22.00
	50	LOW	64QAM	21.21	21.15	21.32	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.32	24.28	24.22	25.00
		MID	QPSK	24.12	24.07	24.01	25.00
		HIGH	QPSK	24.02	24.20	23.96	25.00
	3	LOW	QPSK	24.26	24.16	24.23	25.00
		MID	QPSK	**24.41**	24.24	24.16	25.00
		HIGH	QPSK	24.33	24.16	24.16	25.00
	6	LOW	QPSK	23.25	23.12	23.11	24.00
1.4	1	LOW	Q16	23.29	23.53	23.21	24.00
		MID	Q16	23.09	23.47	23.35	24.00
		HIGH	Q16	22.92	23.52	23.12	24.00
	3	LOW	Q16	23.13	23.29	23.28	24.00
		MID	Q16	23.39	23.46	23.25	24.00
		HIGH	Q16	23.21	23.43	23.37	24.00
	6	LOW	Q16	22.12	22.20	22.09	23.00
1.4	1	LOW	64QAM	22.06	22.64	22.21	23.00
		MID	64QAM	21.93	22.43	22.20	23.00
		HIGH	64QAM	22.19	22.65	22.02	23.00
	3	LOW	64QAM	22.31	22.25	22.25	23.00
		MID	64QAM	22.50	22.26	22.36	23.00
		HIGH	64QAM	22.28	22.24	22.29	23.00
	6	LOW	64QAM	21.30	21.14	21.34	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	24.08	24.11	24.22	25.00
		MID	QPSK	24.21	23.99	24.02	25.00
		HIGH	QPSK	**24.24**	24.21	24.01	25.00
	8	LOW	QPSK	23.06	23.27	23.26	24.00
		MID	QPSK	23.29	23.16	23.19	24.00
		HIGH	QPSK	23.32	23.33	23.19	24.00
	15	LOW	QPSK	23.23	23.15	23.27	24.00
3	1	LOW	Q16	23.26	23.63	23.28	24.00
		MID	Q16	23.07	23.71	23.25	24.00
		HIGH	Q16	23.04	23.62	23.11	24.00
	8	LOW	Q16	22.40	22.17	22.34	23.00
		MID	Q16	22.42	22.22	22.19	23.00
		HIGH	Q16	22.28	22.39	22.23	23.00
	15	LOW	Q16	22.24	22.35	22.21	23.00
3	1	LOW	64QAM	22.22	22.57	22.25	23.00
		MID	64QAM	22.09	22.53	22.11	23.00
		HIGH	64QAM	22.02	22.71	22.25	23.00
	8	LOW	64QAM	21.17	21.14	21.18	23.00
		MID	64QAM	21.48	21.46	21.29	23.00
		HIGH	64QAM	21.32	21.29	21.43	23.00
	15	LOW	64QAM	21.12	21.34	21.26	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	24.14	24.09	**24.23**	25.00
		MID	QPSK	24.18	23.95	24.09	25.00
		HIGH	QPSK	24.00	24.14	24.13	25.00
	12	LOW	QPSK	23.17	23.23	23.32	24.00
		MID	QPSK	23.15	23.22	23.18	24.00
		HIGH	QPSK	23.23	23.23	23.24	24.00
	25	LOW	QPSK	23.16	23.36	23.28	24.00
5	1	LOW	Q16	23.22	23.72	23.20	24.00
		MID	Q16	22.99	23.55	23.16	24.00
		HIGH	Q16	22.93	23.61	23.18	24.00
	12	LOW	Q16	22.37	22.32	22.24	23.00
		MID	Q16	22.37	22.28	22.37	23.00
		HIGH	Q16	22.38	22.24	22.43	23.00
	25	LOW	Q16	22.42	22.30	22.28	23.00
5	1	LOW	64QAM	22.27	22.76	22.28	23.00
		MID	64QAM	22.05	22.57	22.07	23.00
		HIGH	64QAM	22.18	22.66	22.29	23.00
	12	LOW	64QAM	21.16	21.21	21.16	22.00
		MID	64QAM	21.35	21.33	21.25	22.00
		HIGH	64QAM	21.32	21.45	21.23	22.00
	25	LOW	64QAM	21.39	21.34	21.32	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	**24.21**	24.13	24.10	25.00
		MID	QPSK	24.15	24.07	24.14	25.00
		HIGH	QPSK	24.13	24.07	24.11	25.00
	25	LOW	QPSK	23.16	23.19	23.19	24.00
		MID	QPSK	23.26	23.27	23.24	24.00
		HIGH	QPSK	23.26	23.27	**23.28**	24.00
	50	LOW	QPSK	**23.27**	**23.27**	23.20	24.00
10	1	LOW	Q16	23.16	**23.64**	23.17	24.00
		MID	Q16	23.07	23.57	23.22	24.00
		HIGH	Q16	23.06	23.61	23.16	24.00
	25	LOW	Q16	22.28	22.26	22.30	23.00
		MID	Q16	22.35	22.33	22.31	23.00
		HIGH	Q16	22.34	22.30	22.36	23.00
	50	LOW	Q16	22.27	22.29	22.24	23.00
10	1	LOW	64QAM	22.18	22.50	22.11	23.00
		MID	64QAM	21.97	22.64	22.22	23.00
		HIGH	64QAM	21.92	22.72	22.25	23.00
	25	LOW	64QAM	21.32	21.23	21.35	22.00
		MID	64QAM	21.21	21.20	21.21	22.00
		HIGH	64QAM	21.25	21.32	21.43	22.00
	50	LOW	64QAM	21.21	21.15	21.32	22.00

8.3.6 LTE Band17 Output Power

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.20	23.89	24.13	25.00
		MID	QPSK	24.01	24.05	24.14	25.00
		HIGH	QPSK	24.06	24.03	23.96	25.00
	12	LOW	QPSK	23.26	23.00	23.06	24.00
		MID	QPSK	23.21	23.03	23.18	24.00
		HIGH	QPSK	23.23	23.24	23.12	24.00
	25	LOW	QPSK	23.34	23.09	23.25	24.00
5	1	LOW	Q16	23.32	23.03	23.51	24.00
		MID	Q16	23.22	23.04	23.53	24.00
		HIGH	Q16	23.04	23.18	23.48	24.00
	12	LOW	Q16	22.30	22.22	22.21	23.00
		MID	Q16	22.41	22.28	22.14	23.00
		HIGH	Q16	22.41	22.30	22.20	23.00
	25	LOW	Q16	22.20	22.19	22.21	23.00
5	1	LOW	64QAM	22.34	21.86	22.49	23.00
		MID	64QAM	22.14	21.81	22.41	23.00
		HIGH	64QAM	22.01	22.13	22.63	23.00
	12	LOW	64QAM	21.16	21.13	21.18	22.00
		MID	64QAM	21.47	21.19	21.17	22.00
		HIGH	64QAM	21.16	21.31	21.22	22.00
	25	LOW	64QAM	21.15	20.98	21.24	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.07	24.00	23.98	25.00
		MID	QPSK	24.06	24.05	24.02	25.00
		HIGH	QPSK	24.03	24.08	23.98	25.00
	25	LOW	QPSK	23.17	23.12	23.15	24.00
		MID	QPSK	23.24	23.17	23.17	24.00
		HIGH	QPSK	23.15	23.15	23.15	24.00
	50	LOW	QPSK	23.23	23.13	23.14	24.00
10	1	LOW	Q16	23.20	23.00	23.50	24.00
		MID	Q16	23.16	22.94	23.53	24.00
		HIGH	Q16	23.04	23.04	23.49	24.00
	25	LOW	Q16	22.26	22.15	22.20	23.00
		MID	Q16	22.33	22.25	22.25	23.00
		HIGH	Q16	22.27	22.16	22.21	23.00
	50	LOW	Q16	22.25	22.12	22.15	23.00
10	1	LOW	64QAM	22.10	22.07	22.62	23.00
		MID	64QAM	22.22	21.81	22.46	23.00
		HIGH	64QAM	21.92	22.00	22.57	23.00
	25	LOW	64QAM	21.14	21.16	21.21	22.00
		MID	64QAM	21.42	21.37	21.38	22.00
		HIGH	64QAM	21.37	21.27	21.17	22.00
	50	LOW	64QAM	21.30	21.13	21.19	22.00

LTE B17-Level1 -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	22.93	22.64	22.83	24.00
		MID	QPSK	22.60	22.80	22.79	24.00
		HIGH	QPSK	22.91	22.58	22.58	24.00
	12	LOW	QPSK	22.73	22.80	22.93	24.00
		MID	QPSK	22.88	22.81	22.69	24.00
		HIGH	QPSK	22.89	22.76	22.85	24.00
	25	LOW	QPSK	22.96	22.72	22.75	24.00
5	1	LOW	Q16	22.60	22.89	22.71	24.00
		MID	Q16	22.68	22.89	22.83	24.00
		HIGH	Q16	22.63	22.63	22.74	24.00
	12	LOW	Q16	21.81	21.81	21.93	23.00
		MID	Q16	21.82	21.85	21.83	23.00
		HIGH	Q16	21.78	21.85	21.84	23.00
	25	LOW	Q16	21.98	21.79	21.84	23.00
5	1	LOW	64QAM	21.71	21.75	21.97	23.00
		MID	64QAM	21.70	21.71	21.95	23.00
		HIGH	64QAM	21.74	21.85	21.58	23.00
	12	LOW	64QAM	20.87	20.77	20.81	22.00
		MID	64QAM	20.87	20.91	20.98	22.00
		HIGH	64QAM	20.93	20.87	20.90	22.00
	25	LOW	64QAM	20.93	20.77	20.76	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	22.79	22.63	22.73	24.00
		MID	QPSK	22.74	22.70	22.72	24.00
		HIGH	QPSK	22.77	22.68	22.68	24.00
	25	LOW	QPSK	22.83	22.82	22.83	24.00
		MID	QPSK	22.92	22.86	22.82	24.00
		HIGH	QPSK	22.85	22.84	22.87	24.00
	50	LOW	QPSK	22.82	22.81	22.79	24.00
10	1	LOW	Q16	22.73	23.16	22.82	24.00
		MID	Q16	22.70	23.21	22.81	24.00
		HIGH	Q16	22.67	23.17	22.73	24.00
	25	LOW	Q16	21.89	21.86	21.95	23.00
		MID	Q16	21.95	21.91	21.92	23.00
		HIGH	Q16	21.88	21.90	21.95	23.00
	50	LOW	Q16	21.84	21.85	21.85	23.00
10	1	LOW	64QAM	21.59	22.05	21.71	23.00
		MID	64QAM	21.79	22.13	21.84	23.00
		HIGH	64QAM	21.70	22.31	21.75	23.00
	25	LOW	64QAM	20.98	21.00	20.88	22.00
		MID	64QAM	21.04	21.01	20.99	22.00
		HIGH	64QAM	20.79	20.84	21.09	22.00
	50	LOW	64QAM	20.92	20.78	20.91	22.00

LTE B17-Level2 -Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.20	23.89	24.13	25.00
		MID	QPSK	24.01	24.05	24.14	25.00
		HIGH	QPSK	24.06	24.03	23.96	25.00
	12	LOW	QPSK	23.26	23.00	23.06	24.00
		MID	QPSK	23.21	23.03	23.18	24.00
		HIGH	QPSK	23.23	23.24	23.12	24.00
	25	LOW	QPSK	23.34	23.09	23.25	24.00
5	1	LOW	Q16	23.32	23.03	23.51	24.00
		MID	Q16	23.22	23.04	23.53	24.00
		HIGH	Q16	23.04	23.18	23.48	24.00
	12	LOW	Q16	22.30	22.22	22.21	23.00
		MID	Q16	22.41	22.28	22.14	23.00
		HIGH	Q16	22.41	22.30	22.20	23.00
	25	LOW	Q16	22.20	22.19	22.21	23.00
5	1	LOW	64QAM	22.34	21.86	22.49	23.00
		MID	64QAM	22.14	21.81	22.41	23.00
		HIGH	64QAM	22.01	22.13	22.63	23.00
	12	LOW	64QAM	21.16	21.13	21.18	22.00
		MID	64QAM	21.47	21.19	21.17	22.00
		HIGH	64QAM	21.16	21.31	21.22	22.00
	25	LOW	64QAM	21.15	20.98	21.24	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.07	24.00	23.98	25.00
		MID	QPSK	24.06	24.05	24.02	25.00
		HIGH	QPSK	24.03	24.08	23.98	25.00
	25	LOW	QPSK	23.17	23.12	23.15	24.00
		MID	QPSK	23.24	23.17	23.17	24.00
		HIGH	QPSK	23.15	23.15	23.15	24.00
	50	LOW	QPSK	23.23	23.13	23.14	24.00
10	1	LOW	Q16	23.20	23.00	23.50	24.00
		MID	Q16	23.16	22.94	23.53	24.00
		HIGH	Q16	23.04	23.04	23.49	24.00
	25	LOW	Q16	22.26	22.15	22.20	23.00
		MID	Q16	22.33	22.25	22.25	23.00
		HIGH	Q16	22.27	22.16	22.21	23.00
	50	LOW	Q16	22.25	22.12	22.15	23.00
10	1	LOW	64QAM	22.10	22.07	22.62	23.00
		MID	64QAM	22.22	21.81	22.46	23.00
		HIGH	64QAM	21.92	22.00	22.57	23.00
	25	LOW	64QAM	21.14	21.16	21.21	22.00
		MID	64QAM	21.42	21.37	21.38	22.00
		HIGH	64QAM	21.37	21.27	21.17	22.00
	50	LOW	64QAM	21.30	21.13	21.19	22.00

LTE B17-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
5	1	LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
		HIGH	Q16	23.16	22.96	23.75	24.00
	12	LOW	Q16	22.34	22.40	22.30	23.00
		MID	Q16	22.39	22.24	22.27	23.00
		HIGH	Q16	22.54	22.38	22.44	23.00
	25	LOW	Q16	22.26	22.13	22.31	23.00
5	1	LOW	64QAM	22.43	22.11	22.47	23.00
		MID	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
	12	LOW	64QAM	21.28	21.14	21.26	22.00
		MID	64QAM	21.38	21.18	21.36	22.00
		HIGH	64QAM	21.26	21.17	21.22	22.00
	25	LOW	64QAM	21.48	21.35	21.43	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.17	24.10	24.05	25.00
		MID	QPSK	24.21	24.15	24.12	25.00
		HIGH	QPSK	24.13	24.16	24.05	25.00
	25	LOW	QPSK	23.26	23.23	23.24	24.00
		MID	QPSK	23.35	23.26	23.27	24.00
		HIGH	QPSK	23.29	23.22	23.26	24.00
	50	LOW	QPSK	23.31	23.22	23.25	24.00
10	1	LOW	Q16	23.30	23.11	23.59	24.00
		MID	Q16	23.23	23.11	23.62	24.00
		HIGH	Q16	23.22	23.08	23.63	24.00
	25	LOW	Q16	22.34	22.28	22.23	23.00
		MID	Q16	22.44	22.31	22.34	23.00
		HIGH	Q16	22.41	22.32	22.29	23.00
	50	LOW	Q16	22.34	22.24	22.30	23.00
10	1	LOW	64QAM	22.25	22.13	22.62	23.00
		MID	64QAM	22.30	22.05	22.56	23.00
		HIGH	64QAM	22.33	22.10	22.53	23.00
	25	LOW	64QAM	21.32	21.13	21.10	22.00
		MID	64QAM	21.39	21.42	21.22	22.00
		HIGH	64QAM	21.34	21.37	21.29	22.00
	50	LOW	64QAM	21.44	21.34	21.37	22.00

LTE B17-Level1 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
5	1	LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
		HIGH	Q16	23.16	22.96	23.75	24.00
	12	LOW	Q16	22.34	22.40	22.30	23.00
		MID	Q16	22.39	22.24	22.27	23.00
		HIGH	Q16	22.54	22.38	22.44	23.00
	25	LOW	Q16	22.26	22.13	22.31	23.00
5	1	LOW	64QAM	22.43	22.11	22.47	23.00
		MID	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
	12	LOW	64QAM	21.28	21.14	21.26	22.00
		MID	64QAM	21.38	21.18	21.36	22.00
		HIGH	64QAM	21.26	21.17	21.22	22.00
	25	LOW	64QAM	21.48	21.35	21.43	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.17	24.10	24.05	25.00
		MID	QPSK	24.21	24.15	24.12	25.00
		HIGH	QPSK	24.13	24.16	24.05	25.00
	25	LOW	QPSK	23.26	23.23	23.24	24.00
		MID	QPSK	23.35	23.26	23.27	24.00
		HIGH	QPSK	23.29	23.22	23.26	24.00
	50	LOW	QPSK	23.31	23.22	23.25	24.00
10	1	LOW	Q16	23.30	23.11	23.59	24.00
		MID	Q16	23.23	23.11	23.62	24.00
		HIGH	Q16	23.22	23.08	23.63	24.00
	25	LOW	Q16	22.34	22.28	22.23	23.00
		MID	Q16	22.44	22.31	22.34	23.00
		HIGH	Q16	22.41	22.32	22.29	23.00
	50	LOW	Q16	22.34	22.24	22.30	23.00
10	1	LOW	64QAM	22.25	22.13	22.62	23.00
		MID	64QAM	22.30	22.05	22.56	23.00
		HIGH	64QAM	22.33	22.10	22.53	23.00
	25	LOW	64QAM	21.32	21.13	21.10	22.00
		MID	64QAM	21.39	21.42	21.22	22.00
		HIGH	64QAM	21.34	21.37	21.29	22.00
	50	LOW	64QAM	21.44	21.34	21.37	22.00

LTE B17-Level2 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	24.18	24.14	24.04	25.00
		MID	QPSK	24.27	24.20	24.13	25.00
		HIGH	QPSK	24.28	24.07	23.97	25.00
	12	LOW	QPSK	23.22	23.24	23.31	24.00
		MID	QPSK	23.21	23.17	23.25	24.00
		HIGH	QPSK	23.15	23.30	23.37	24.00
	25	LOW	QPSK	23.40	23.15	23.27	24.00
5	1	LOW	Q16	23.17	23.01	23.45	24.00
		MID	Q16	23.38	23.24	23.64	24.00
		HIGH	Q16	23.16	22.96	23.75	24.00
	12	LOW	Q16	22.34	22.40	22.30	23.00
		MID	Q16	22.39	22.24	22.27	23.00
		HIGH	Q16	22.54	22.38	22.44	23.00
	25	LOW	Q16	22.26	22.13	22.31	23.00
5	1	LOW	64QAM	22.43	22.11	22.47	23.00
		MID	64QAM	22.31	21.97	22.59	23.00
		HIGH	64QAM	22.12	22.21	22.54	23.00
	12	LOW	64QAM	21.28	21.14	21.26	22.00
		MID	64QAM	21.38	21.18	21.36	22.00
		HIGH	64QAM	21.26	21.17	21.22	22.00
	25	LOW	64QAM	21.48	21.35	21.43	22.00

Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	24.17	24.10	24.05	25.00
		MID	QPSK	24.21	24.15	24.12	25.00
		HIGH	QPSK	24.13	24.16	24.05	25.00
	25	LOW	QPSK	23.26	23.23	23.24	24.00
		MID	QPSK	23.35	23.26	23.27	24.00
		HIGH	QPSK	23.29	23.22	23.26	24.00
	50	LOW	QPSK	23.31	23.22	23.25	24.00
10	1	LOW	Q16	23.30	23.11	23.59	24.00
		MID	Q16	23.23	23.11	23.62	24.00
		HIGH	Q16	23.22	23.08	23.63	24.00
	25	LOW	Q16	22.34	22.28	22.23	23.00
		MID	Q16	22.44	22.31	22.34	23.00
		HIGH	Q16	22.41	22.32	22.29	23.00
	50	LOW	Q16	22.34	22.24	22.30	23.00
10	1	LOW	64QAM	22.25	22.13	22.62	23.00
		MID	64QAM	22.30	22.05	22.56	23.00
		HIGH	64QAM	22.33	22.10	22.53	23.00
	25	LOW	64QAM	21.32	21.13	21.10	22.00
		MID	64QAM	21.39	21.42	21.22	22.00
		HIGH	64QAM	21.34	21.37	21.29	22.00
	50	LOW	64QAM	21.44	21.34	21.37	22.00

8.3.7 LTE Band26 Output Power

BL-SZ21B0785-701

LTE B26-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.37	24.20	24.10	25.00
		MID	QPSK	24.11	24.14	24.08	25.00
		HIGH	QPSK	23.99	23.94	23.74	25.00
	3	LOW	QPSK	24.31	24.09	24.01	25.00
		MID	QPSK	24.15	24.21	24.14	25.00
		HIGH	QPSK	24.16	24.16	23.98	25.00
	6	LOW	QPSK	23.23	23.22	22.98	24.00
1.4	1	LOW	Q16	23.20	23.60	23.57	24.00
		MID	Q16	23.05	23.42	23.36	24.00
		HIGH	Q16	23.03	23.38	23.42	24.00
	3	LOW	Q16	23.29	23.06	22.89	24.00
		MID	Q16	23.26	23.16	23.20	24.00
		HIGH	Q16	23.19	23.22	22.93	24.00
	6	LOW	Q16	22.24	22.19	21.87	23.00
1.4	1	LOW	64QAM	22.24	22.61	22.45	23.00
		MID	64QAM	22.12	22.51	22.25	23.00
		HIGH	64QAM	21.86	22.37	22.14	23.00
	3	LOW	64QAM	22.43	22.15	22.03	23.00
		MID	64QAM	22.21	22.06	21.92	23.00
		HIGH	64QAM	22.38	22.25	22.11	23.00
	6	LOW	64QAM	21.17	21.24	20.97	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.26	24.21	24.19	25.00
		MID	QPSK	24.25	23.97	23.95	25.00
		HIGH	QPSK	24.03	24.09	23.85	25.00
	8	LOW	QPSK	23.19	23.09	23.13	24.00
		MID	QPSK	23.13	22.95	23.23	24.00
		HIGH	QPSK	23.31	23.27	22.97	24.00
	15	LOW	QPSK	23.32	23.07	22.92	24.00
3	1	LOW	Q16	23.10	23.62	23.49	24.00
		MID	Q16	23.07	23.54	23.34	24.00
		HIGH	Q16	22.95	23.52	23.31	24.00
	8	LOW	Q16	22.26	22.27	22.18	23.00
		MID	Q16	22.16	22.32	22.13	23.00
		HIGH	Q16	22.25	22.14	22.10	23.00
	15	LOW	Q16	22.13	22.23	22.17	23.00
3	1	LOW	64QAM	22.17	22.42	22.42	23.00
		MID	64QAM	21.91	22.58	22.41	23.00
		HIGH	64QAM	21.99	22.24	22.21	23.00
	8	LOW	64QAM	21.32	21.05	20.92	22.00
		MID	64QAM	21.23	21.11	21.12	22.00
		HIGH	64QAM	21.24	21.28	21.04	22.00
	15	LOW	64QAM	21.20	21.09	21.00	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.12	24.21	24.20	25.00
		MID	QPSK	24.19	24.03	23.97	25.00
		HIGH	QPSK	24.12	24.02	23.85	25.00
	12	LOW	QPSK	23.20	23.21	22.95	24.00
		MID	QPSK	23.38	23.03	23.02	24.00
		HIGH	QPSK	23.24	23.13	22.99	24.00
	25	LOW	QPSK	23.10	23.16	22.94	24.00
5	1	LOW	Q16	23.29	23.57	23.46	24.00
		MID	Q16	23.19	23.49	23.51	24.00
		HIGH	Q16	22.89	23.45	23.41	24.00
	12	LOW	Q16	22.42	22.22	22.09	23.00
		MID	Q16	22.22	22.06	22.10	23.00
		HIGH	Q16	22.36	22.29	21.92	23.00
	25	LOW	Q16	22.27	22.31	21.91	23.00
5	1	LOW	64QAM	22.32	22.59	22.48	23.00
		MID	64QAM	22.16	22.43	22.35	23.00
		HIGH	64QAM	21.89	22.34	22.41	23.00
	12	LOW	64QAM	21.20	21.10	21.10	22.00
		MID	64QAM	21.42	21.12	20.96	22.00
		HIGH	64QAM	21.25	21.27	21.05	22.00
	25	LOW	64QAM	21.40	21.06	21.05	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.27	24.13	24.11	25.00
		MID	QPSK	24.21	23.92	24.05	25.00
		HIGH	QPSK	23.95	23.91	23.80	25.00
	25	LOW	QPSK	23.28	23.22	23.06	24.00
		MID	QPSK	23.23	23.04	23.10	24.00
		HIGH	QPSK	23.10	23.12	23.19	24.00
	50	LOW	QPSK	23.39	23.24	23.07	24.00
10	1	LOW	Q16	23.25	23.68	23.39	24.00
		MID	Q16	23.01	23.53	23.47	24.00
		HIGH	Q16	22.98	23.42	23.39	24.00
	25	LOW	Q16	22.26	22.02	22.02	23.00
		MID	Q16	22.18	22.24	22.05	23.00
		HIGH	Q16	22.27	22.30	22.02	23.00
	50	LOW	Q16	22.19	22.14	21.91	23.00
10	1	LOW	64QAM	22.36	22.48	22.44	23.00
		MID	64QAM	21.94	22.37	22.27	23.00
		HIGH	64QAM	22.11	22.26	22.32	23.00
	25	LOW	64QAM	21.41	21.19	21.17	22.00
		MID	64QAM	21.35	21.12	21.18	22.00
		HIGH	64QAM	21.36	21.29	21.13	22.00
	50	LOW	64QAM	21.29	21.21	21.16	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.23	24.07	24.05	25.00
		MID	QPSK	24.13	24.01	23.97	25.00
		HIGH	QPSK	24.03	23.95	23.87	25.00
	36	LOW	QPSK	23.26	23.11	23.02	24.00
		MID	QPSK	23.25	23.10	23.09	24.00
		HIGH	QPSK	23.24	23.14	23.08	24.00
	75	LOW	QPSK	23.25	23.13	23.03	24.00
15	1	LOW	Q16	23.21	23.55	23.49	24.00
		MID	Q16	23.06	23.46	23.36	24.00
		HIGH	Q16	22.99	23.39	23.29	24.00
	36	LOW	Q16	22.30	22.13	22.03	23.00
		MID	Q16	22.27	22.20	22.06	23.00
		HIGH	Q16	22.27	22.22	22.06	23.00
	75	LOW	Q16	22.25	22.16	22.02	23.00
15	1	LOW	64QAM	22.10	22.67	22.40	23.00
		MID	64QAM	22.20	22.37	22.37	23.00
		HIGH	64QAM	22.05	22.28	22.32	23.00
	36	LOW	64QAM	21.17	21.17	21.03	22.00
		MID	64QAM	21.39	21.28	20.95	22.00
		HIGH	64QAM	21.37	21.37	21.07	22.00
	75	LOW	64QAM	21.38	21.10	21.17	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.79	19.70	19.53	21.00
		MID	QPSK	19.87	19.48	19.66	21.00
		HIGH	QPSK	19.64	19.50	19.53	21.00
	3	LOW	QPSK	19.76	19.76	19.66	21.00
		MID	QPSK	19.86	19.78	19.75	21.00
		HIGH	QPSK	19.90	19.87	19.59	21.00
	6	LOW	QPSK	19.82	19.63	19.72	21.00
1.4	1	LOW	Q16	20.08	20.17	20.01	21.00
		MID	Q16	19.63	20.15	19.90	21.00
		HIGH	Q16	19.71	20.09	19.94	21.00
	3	LOW	Q16	19.82	19.72	19.63	21.00
		MID	Q16	19.93	19.84	19.69	21.00
		HIGH	Q16	19.97	19.96	19.73	21.00
	6	LOW	Q16	19.94	19.67	19.62	21.00
1.4	1	LOW	64QAM	20.02	20.28	20.15	21.00
		MID	64QAM	19.83	20.01	19.85	21.00
		HIGH	64QAM	19.67	20.03	19.77	21.00
	3	LOW	64QAM	19.73	19.80	19.49	21.00
		MID	64QAM	20.00	19.87	19.62	21.00
		HIGH	64QAM	20.06	19.74	19.63	21.00
	6	LOW	64QAM	19.78	19.81	19.63	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	19.93	19.80	19.51	21.00
		MID	QPSK	19.87	19.58	19.45	21.00
		HIGH	QPSK	19.77	19.59	19.40	21.00
	8	LOW	QPSK	19.75	19.77	19.73	21.00
		MID	QPSK	20.05	19.78	19.67	21.00
		HIGH	QPSK	19.80	19.80	19.58	21.00
	15	LOW	QPSK	20.00	19.62	19.60	21.00
3	1	LOW	Q16	19.99	20.05	20.09	21.00
		MID	Q16	19.67	20.07	20.02	21.00
		HIGH	Q16	19.77	19.88	19.70	21.00
	8	LOW	Q16	20.00	19.85	19.61	21.00
		MID	Q16	19.82	19.82	19.73	21.00
		HIGH	Q16	19.97	19.69	19.70	21.00
	15	LOW	Q16	20.06	19.90	19.56	21.00
3	1	LOW	64QAM	20.01	20.16	20.03	21.00
		MID	64QAM	19.77	20.26	20.06	21.00
		HIGH	64QAM	19.56	20.00	19.75	21.00
	8	LOW	64QAM	19.75	19.71	19.51	21.00
		MID	64QAM	19.78	19.65	19.65	21.00
		HIGH	64QAM	20.02	19.83	19.81	21.00
	15	LOW	64QAM	19.89	19.93	19.79	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	19.72	19.86	19.78	21.00
		MID	QPSK	19.67	19.67	19.68	21.00
		HIGH	QPSK	19.80	19.68	19.42	21.00
	12	LOW	QPSK	19.84	19.80	19.51	21.00
		MID	QPSK	20.00	19.69	19.50	21.00
		HIGH	QPSK	20.02	19.74	19.70	21.00
	25	LOW	QPSK	20.03	19.81	19.67	21.00
5	1	LOW	Q16	19.94	20.23	20.04	21.00
		MID	Q16	19.65	20.29	20.00	21.00
		HIGH	Q16	19.69	19.92	19.71	21.00
	12	LOW	Q16	19.83	19.85	19.75	21.00
		MID	Q16	19.86	19.73	19.70	21.00
		HIGH	Q16	19.91	19.78	19.80	21.00
	25	LOW	Q16	20.05	19.79	19.62	21.00
5	1	LOW	64QAM	20.08	20.33	20.03	21.00
		MID	64QAM	19.79	20.30	20.09	21.00
		HIGH	64QAM	19.62	20.15	19.99	21.00
	12	LOW	64QAM	19.83	19.84	19.49	21.00
		MID	64QAM	19.93	19.85	19.80	21.00
		HIGH	64QAM	19.78	19.77	19.68	21.00
	25	LOW	64QAM	19.82	19.81	19.67	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	19.87	19.65	19.76	21.00
		MID	QPSK	19.76	19.75	19.61	21.00
		HIGH	QPSK	19.85	19.78	19.44	21.00
	25	LOW	QPSK	19.96	19.76	19.58	21.00
		MID	QPSK	19.99	19.66	19.77	21.00
		HIGH	QPSK	19.80	19.68	19.77	21.00
	50	LOW	QPSK	19.88	19.68	19.68	21.00
10	1	LOW	Q16	19.95	20.26	20.02	21.00
		MID	Q16	19.72	20.15	19.98	21.00
		HIGH	Q16	19.65	19.99	19.88	21.00
	25	LOW	Q16	19.78	19.88	19.67	21.00
		MID	Q16	19.91	19.85	19.71	21.00
		HIGH	Q16	20.02	19.68	19.64	21.00
	50	LOW	Q16	19.97	19.87	19.60	21.00
10	1	LOW	64QAM	20.03	20.27	20.09	21.00
		MID	64QAM	19.63	20.05	19.83	21.00
		HIGH	64QAM	19.66	19.89	19.91	21.00
	25	LOW	64QAM	19.86	19.72	19.59	21.00
		MID	64QAM	20.03	19.84	19.72	21.00
		HIGH	64QAM	20.01	19.85	19.83	21.00
	50	LOW	64QAM	19.82	19.94	19.69	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**19.82**	19.72	19.64	21.00
		MID	QPSK	19.77	19.63	19.59	21.00
		HIGH	QPSK	19.75	19.63	19.48	21.00
	36	LOW	QPSK	19.85	19.73	19.64	21.00
		MID	QPSK	19.91	19.69	19.64	21.00
		HIGH	QPSK	**19.94**	19.76	19.63	21.00
	75	LOW	QPSK	**19.93**	19.70	19.68	21.00
15	1	LOW	Q16	19.93	20.20	20.08	21.00
		MID	Q16	19.69	20.16	19.94	21.00
		HIGH	Q16	19.67	20.02	19.84	21.00
	36	LOW	Q16	19.87	19.83	19.62	21.00
		MID	Q16	19.90	19.76	19.66	21.00
		HIGH	Q16	19.91	19.83	19.68	21.00
	75	LOW	Q16	19.93	19.81	19.70	21.00
15	1	LOW	64QAM	19.78	20.14	20.07	21.00
		MID	64QAM	19.81	20.18	19.80	21.00
		HIGH	64QAM	19.62	19.98	19.91	21.00
	36	LOW	64QAM	19.95	19.98	19.65	21.00
		MID	64QAM	19.93	19.74	19.61	21.00
		HIGH	64QAM	19.86	19.98	19.83	21.00
	75	LOW	64QAM	20.06	19.77	19.63	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.37	24.20	24.10	25.00
		MID	QPSK	24.11	24.14	24.08	25.00
		HIGH	QPSK	23.99	23.94	23.74	25.00
	3	LOW	QPSK	24.31	24.09	24.01	25.00
		MID	QPSK	24.15	24.21	24.14	25.00
		HIGH	QPSK	24.16	24.16	23.98	25.00
	6	LOW	QPSK	23.23	23.22	22.98	24.00
1.4	1	LOW	Q16	23.20	23.60	23.57	24.00
		MID	Q16	23.05	23.42	23.36	24.00
		HIGH	Q16	23.03	23.38	23.42	24.00
	3	LOW	Q16	23.29	23.06	22.89	24.00
		MID	Q16	23.26	23.16	23.20	24.00
		HIGH	Q16	23.19	23.22	22.93	24.00
	6	LOW	Q16	22.24	22.19	21.87	23.00
1.4	1	LOW	64QAM	22.24	22.61	22.45	23.00
		MID	64QAM	22.12	22.51	22.25	23.00
		HIGH	64QAM	21.86	22.37	22.14	23.00
	3	LOW	64QAM	22.43	22.15	22.03	23.00
		MID	64QAM	22.21	22.06	21.92	23.00
		HIGH	64QAM	22.38	22.25	22.11	23.00
	6	LOW	64QAM	21.17	21.24	20.97	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.26	24.21	24.19	25.00
		MID	QPSK	24.25	23.97	23.95	25.00
		HIGH	QPSK	24.03	24.09	23.85	25.00
	8	LOW	QPSK	23.19	23.09	23.13	24.00
		MID	QPSK	23.13	22.95	23.23	24.00
		HIGH	QPSK	23.31	23.27	22.97	24.00
	15	LOW	QPSK	23.32	23.07	22.92	24.00
3	1	LOW	Q16	23.10	23.62	23.49	24.00
		MID	Q16	23.07	23.54	23.34	24.00
		HIGH	Q16	22.95	23.52	23.31	24.00
	8	LOW	Q16	22.26	22.27	22.18	23.00
		MID	Q16	22.16	22.32	22.13	23.00
		HIGH	Q16	22.25	22.14	22.10	23.00
	15	LOW	Q16	22.13	22.23	22.17	23.00
3	1	LOW	64QAM	22.17	22.42	22.42	23.00
		MID	64QAM	21.91	22.58	22.41	23.00
		HIGH	64QAM	21.99	22.24	22.21	23.00
	8	LOW	64QAM	21.32	21.05	20.92	22.00
		MID	64QAM	21.23	21.11	21.12	22.00
		HIGH	64QAM	21.24	21.28	21.04	22.00
	15	LOW	64QAM	21.20	21.09	21.00	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.12	24.21	24.20	25.00
		MID	QPSK	24.19	24.03	23.97	25.00
		HIGH	QPSK	24.12	24.02	23.85	25.00
	12	LOW	QPSK	23.20	23.21	22.95	24.00
		MID	QPSK	23.38	23.03	23.02	24.00
		HIGH	QPSK	23.24	23.13	22.99	24.00
	25	LOW	QPSK	23.10	23.16	22.94	24.00
5	1	LOW	Q16	23.29	23.57	23.46	24.00
		MID	Q16	23.19	23.49	23.51	24.00
		HIGH	Q16	22.89	23.45	23.41	24.00
	12	LOW	Q16	22.42	22.22	22.09	23.00
		MID	Q16	22.22	22.06	22.10	23.00
		HIGH	Q16	22.36	22.29	21.92	23.00
	25	LOW	Q16	22.27	22.31	21.91	23.00
5	1	LOW	64QAM	22.32	22.59	22.48	23.00
		MID	64QAM	22.16	22.43	22.35	23.00
		HIGH	64QAM	21.89	22.34	22.41	23.00
	12	LOW	64QAM	21.20	21.10	21.10	22.00
		MID	64QAM	21.42	21.12	20.96	22.00
		HIGH	64QAM	21.25	21.27	21.05	22.00
	25	LOW	64QAM	21.40	21.06	21.05	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.27	24.13	24.11	25.00
		MID	QPSK	24.21	23.92	24.05	25.00
		HIGH	QPSK	23.95	23.91	23.80	25.00
	25	LOW	QPSK	23.28	23.22	23.06	24.00
		MID	QPSK	23.23	23.04	23.10	24.00
		HIGH	QPSK	23.10	23.12	23.19	24.00
	50	LOW	QPSK	23.39	23.24	23.07	24.00
10	1	LOW	Q16	23.25	23.68	23.39	24.00
		MID	Q16	23.01	23.53	23.47	24.00
		HIGH	Q16	22.98	23.42	23.39	24.00
	25	LOW	Q16	22.26	22.02	22.02	23.00
		MID	Q16	22.18	22.24	22.05	23.00
		HIGH	Q16	22.27	22.30	22.02	23.00
	50	LOW	Q16	22.19	22.14	21.91	23.00
10	1	LOW	64QAM	22.36	22.48	22.44	23.00
		MID	64QAM	21.94	22.37	22.27	23.00
		HIGH	64QAM	22.11	22.26	22.32	23.00
	25	LOW	64QAM	21.41	21.19	21.17	22.00
		MID	64QAM	21.35	21.12	21.18	22.00
		HIGH	64QAM	21.36	21.29	21.13	22.00
	50	LOW	64QAM	21.29	21.21	21.16	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**24.23**	24.07	24.05	25.00
		MID	QPSK	24.13	24.01	23.97	25.00
		HIGH	QPSK	24.03	23.95	23.87	25.00
	36	LOW	QPSK	**23.26**	23.11	23.02	24.00
		MID	QPSK	23.25	23.10	23.09	24.00
		HIGH	QPSK	23.24	23.14	23.08	24.00
	75	LOW	QPSK	**23.25**	23.13	23.03	24.00
15	1	LOW	Q16	23.21	23.55	23.49	24.00
		MID	Q16	23.06	23.46	23.36	24.00
		HIGH	Q16	22.99	23.39	23.29	24.00
	36	LOW	Q16	22.30	22.13	22.03	23.00
		MID	Q16	22.27	22.20	22.06	23.00
		HIGH	Q16	22.27	22.22	22.06	23.00
	75	LOW	Q16	22.25	22.16	22.02	23.00
15	1	LOW	64QAM	22.10	22.67	22.40	23.00
		MID	64QAM	22.20	22.37	22.37	23.00
		HIGH	64QAM	22.05	22.28	22.32	23.00
	36	LOW	64QAM	21.17	21.17	21.03	22.00
		MID	64QAM	21.39	21.28	20.95	22.00
		HIGH	64QAM	21.37	21.37	21.07	22.00
	75	LOW	64QAM	21.38	21.10	21.17	22.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.25	24.20	24.14	25.00
		MID	QPSK	24.14	24.14	24.05	25.00
		HIGH	QPSK	24.36	24.12	24.03	25.00
	3	LOW	QPSK	24.43	24.14	24.19	25.00
		MID	QPSK	24.41	24.18	24.23	25.00
		HIGH	QPSK	24.29	24.27	24.10	25.00
	6	LOW	QPSK	23.26	23.36	23.02	24.00
1.4	1	LOW	Q16	23.18	23.57	23.66	24.00
		MID	Q16	23.15	23.51	23.46	24.00
		HIGH	Q16	23.25	23.48	23.55	24.00
	3	LOW	Q16	23.44	23.19	23.15	24.00
		MID	Q16	23.53	23.32	23.17	24.00
		HIGH	Q16	23.37	23.26	23.11	24.00
	6	LOW	Q16	22.29	22.17	21.99	23.00
1.4	1	LOW	64QAM	22.46	22.66	22.48	23.00
		MID	64QAM	22.34	22.47	22.59	23.00
		HIGH	64QAM	22.33	22.49	22.60	23.00
	3	LOW	64QAM	22.45	22.13	22.11	23.00
		MID	64QAM	22.48	22.18	22.19	23.00
		HIGH	64QAM	22.50	22.18	22.07	23.00
	6	LOW	64QAM	21.35	21.13	21.28	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.31	24.11	24.17	25.00
		MID	QPSK	24.29	23.96	24.16	25.00
		HIGH	QPSK	24.31	24.01	24.05	25.00
	8	LOW	QPSK	23.51	23.29	23.11	24.00
		MID	QPSK	23.39	23.12	23.20	24.00
		HIGH	QPSK	23.38	23.23	23.32	24.00
	15	LOW	QPSK	23.26	23.12	23.26	24.00
3	1	LOW	Q16	23.45	23.70	23.50	24.00
		MID	Q16	23.28	23.71	23.54	24.00
		HIGH	Q16	23.24	23.49	23.45	24.00
	8	LOW	Q16	22.34	22.23	22.23	23.00
		MID	Q16	22.31	22.26	22.27	23.00
		HIGH	Q16	22.39	22.36	22.05	23.00
	15	LOW	Q16	22.31	22.32	22.08	23.00
3	1	LOW	64QAM	22.44	22.55	22.69	23.00
		MID	64QAM	22.19	22.70	22.47	23.00
		HIGH	64QAM	22.12	22.43	22.58	23.00
	8	LOW	64QAM	21.59	21.20	21.13	22.00
		MID	64QAM	21.26	21.19	21.06	22.00
		HIGH	64QAM	21.31	21.43	21.16	22.00
	15	LOW	64QAM	21.29	21.29	21.24	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.03	24.13	25.00
		MID	QPSK	24.35	24.04	24.01	25.00
		HIGH	QPSK	24.16	24.12	23.98	25.00
	12	LOW	QPSK	23.49	23.11	23.25	24.00
		MID	QPSK	23.53	23.17	23.16	24.00
		HIGH	QPSK	23.49	23.29	23.03	24.00
	25	LOW	QPSK	23.47	23.23	23.12	24.00
5	1	LOW	Q16	23.22	23.48	23.55	24.00
		MID	Q16	23.24	23.68	23.56	24.00
		HIGH	Q16	23.32	23.39	23.47	24.00
	12	LOW	Q16	22.39	22.16	22.11	23.00
		MID	Q16	22.29	22.25	22.22	23.00
		HIGH	Q16	22.39	22.29	22.24	23.00
	25	LOW	Q16	22.47	22.20	22.19	23.00
5	1	LOW	64QAM	22.28	22.54	22.47	23.00
		MID	64QAM	22.31	22.51	22.47	23.00
		HIGH	64QAM	22.15	22.59	22.40	23.00
	12	LOW	64QAM	21.40	21.21	21.04	22.00
		MID	64QAM	21.31	21.26	21.09	22.00
		HIGH	64QAM	21.38	21.25	21.25	22.00
	25	LOW	64QAM	21.55	21.39	21.00	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.30	24.23	25.00
		MID	QPSK	24.17	24.20	23.96	25.00
		HIGH	QPSK	24.35	24.00	24.01	25.00
	25	LOW	QPSK	23.37	23.14	23.22	24.00
		MID	QPSK	23.28	23.21	23.06	24.00
		HIGH	QPSK	23.27	23.19	23.29	24.00
	50	LOW	QPSK	23.52	23.08	23.17	24.00
10	1	LOW	Q16	23.35	23.52	23.54	24.00
		MID	Q16	23.35	23.62	23.48	24.00
		HIGH	Q16	23.16	23.53	23.48	24.00
	25	LOW	Q16	22.43	22.27	22.13	23.00
		MID	Q16	22.37	22.28	22.17	23.00
		HIGH	Q16	22.29	22.44	22.05	23.00
	50	LOW	Q16	22.35	22.19	22.15	23.00
10	1	LOW	64QAM	22.38	22.48	22.47	23.00
		MID	64QAM	22.36	22.62	22.49	23.00
		HIGH	64QAM	22.09	22.55	22.32	23.00
	25	LOW	64QAM	21.59	21.30	21.00	22.00
		MID	64QAM	21.56	21.11	21.27	22.00
		HIGH	64QAM	21.32	21.16	21.20	22.00
	50	LOW	64QAM	21.36	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	24.38	24.17	24.18	25.00
		MID	QPSK	24.27	24.09	24.09	25.00
		HIGH	QPSK	24.23	24.02	23.98	25.00
	36	LOW	QPSK	23.44	23.21	23.12	24.00
		MID	QPSK	23.41	23.23	23.17	24.00
		HIGH	QPSK	23.41	23.24	23.18	24.00
	75	LOW	QPSK	23.39	23.23	23.11	24.00
15	1	LOW	Q16	23.33	23.62	23.58	24.00
		MID	Q16	23.26	23.57	23.47	24.00
		HIGH	Q16	23.21	23.45	23.47	24.00
	36	LOW	Q16	22.45	22.24	22.13	23.00
		MID	Q16	22.41	22.24	22.16	23.00
		HIGH	Q16	22.44	22.30	22.17	23.00
	75	LOW	Q16	22.42	22.27	22.14	23.00
15	1	LOW	64QAM	22.31	22.51	22.46	23.00
		MID	64QAM	22.16	22.52	22.51	23.00
		HIGH	64QAM	22.35	22.52	22.57	23.00
	36	LOW	64QAM	21.57	21.22	21.11	22.00
		MID	64QAM	21.27	21.34	21.22	22.00

LTE B26-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.25	24.20	24.14	25.00
		MID	QPSK	24.14	24.14	24.05	25.00
		HIGH	QPSK	24.36	24.12	24.03	25.00
	3	LOW	QPSK	24.43	24.14	24.19	25.00
		MID	QPSK	24.41	24.18	24.23	25.00
		HIGH	QPSK	24.29	24.27	24.10	25.00
	6	LOW	QPSK	23.26	23.36	23.02	24.00
1.4	1	LOW	Q16	23.18	23.57	23.66	24.00
		MID	Q16	23.15	23.51	23.46	24.00
		HIGH	Q16	23.25	23.48	23.55	24.00
	3	LOW	Q16	23.44	23.19	23.15	24.00
		MID	Q16	23.53	23.32	23.17	24.00
		HIGH	Q16	23.37	23.26	23.11	24.00
	6	LOW	Q16	22.29	22.17	21.99	23.00
1.4	1	LOW	64QAM	22.46	22.66	22.48	23.00
		MID	64QAM	22.34	22.47	22.59	23.00
		HIGH	64QAM	22.33	22.49	22.60	23.00
	3	LOW	64QAM	22.45	22.13	22.11	23.00
		MID	64QAM	22.48	22.18	22.19	23.00
		HIGH	64QAM	22.50	22.18	22.07	23.00
	6	LOW	64QAM	21.35	21.13	21.28	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.31	24.11	24.17	25.00
		MID	QPSK	24.29	23.96	24.16	25.00
		HIGH	QPSK	24.31	24.01	24.05	25.00
	8	LOW	QPSK	23.51	23.29	23.11	24.00
		MID	QPSK	23.39	23.12	23.20	24.00
		HIGH	QPSK	23.38	23.23	23.32	24.00
	15	LOW	QPSK	23.26	23.12	23.26	24.00
3	1	LOW	Q16	23.45	23.70	23.50	24.00
		MID	Q16	23.28	23.71	23.54	24.00
		HIGH	Q16	23.24	23.49	23.45	24.00
	8	LOW	Q16	22.34	22.23	22.23	23.00
		MID	Q16	22.31	22.26	22.27	23.00
		HIGH	Q16	22.39	22.36	22.05	23.00
	15	LOW	Q16	22.31	22.32	22.08	23.00
3	1	LOW	64QAM	22.44	22.55	22.69	23.00
		MID	64QAM	22.19	22.70	22.47	23.00
		HIGH	64QAM	22.12	22.43	22.58	23.00
	8	LOW	64QAM	21.59	21.20	21.13	22.00
		MID	64QAM	21.26	21.19	21.06	22.00
		HIGH	64QAM	21.31	21.43	21.16	22.00
	15	LOW	64QAM	21.29	21.29	21.24	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.03	24.13	25.00
		MID	QPSK	24.35	24.04	24.01	25.00
		HIGH	QPSK	24.16	24.12	23.98	25.00
	12	LOW	QPSK	23.49	23.11	23.25	24.00
		MID	QPSK	23.53	23.17	23.16	24.00
		HIGH	QPSK	23.49	23.29	23.03	24.00
	25	LOW	QPSK	23.47	23.23	23.12	24.00
5	1	LOW	Q16	23.22	23.48	23.55	24.00
		MID	Q16	23.24	23.68	23.56	24.00
		HIGH	Q16	23.32	23.39	23.47	24.00
	12	LOW	Q16	22.39	22.16	22.11	23.00
		MID	Q16	22.29	22.25	22.22	23.00
		HIGH	Q16	22.39	22.29	22.24	23.00
	25	LOW	Q16	22.47	22.20	22.19	23.00
5	1	LOW	64QAM	22.28	22.54	22.47	23.00
		MID	64QAM	22.31	22.51	22.47	23.00
		HIGH	64QAM	22.15	22.59	22.40	23.00
	12	LOW	64QAM	21.40	21.21	21.04	22.00
		MID	64QAM	21.31	21.26	21.09	22.00
		HIGH	64QAM	21.38	21.25	21.25	22.00
	25	LOW	64QAM	21.55	21.39	21.00	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.30	24.23	25.00
		MID	QPSK	24.17	24.20	23.96	25.00
		HIGH	QPSK	24.35	24.00	24.01	25.00
	25	LOW	QPSK	23.37	23.14	23.22	24.00
		MID	QPSK	23.28	23.21	23.06	24.00
		HIGH	QPSK	23.27	23.19	23.29	24.00
	50	LOW	QPSK	23.52	23.08	23.17	24.00
10	1	LOW	Q16	23.35	23.52	23.54	24.00
		MID	Q16	23.35	23.62	23.48	24.00
		HIGH	Q16	23.16	23.53	23.48	24.00
	25	LOW	Q16	22.43	22.27	22.13	23.00
		MID	Q16	22.37	22.28	22.17	23.00
		HIGH	Q16	22.29	22.44	22.05	23.00
	50	LOW	Q16	22.35	22.19	22.15	23.00
10	1	LOW	64QAM	22.38	22.48	22.47	23.00
		MID	64QAM	22.36	22.62	22.49	23.00
		HIGH	64QAM	22.09	22.55	22.32	23.00
	25	LOW	64QAM	21.59	21.30	21.00	22.00
		MID	64QAM	21.56	21.11	21.27	22.00
		HIGH	64QAM	21.32	21.16	21.20	22.00
	50	LOW	64QAM	21.36	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**24.38**	24.17	24.18	25.00
		MID	QPSK	24.27	24.09	24.09	25.00
		HIGH	QPSK	24.23	24.02	23.98	25.00
	36	LOW	QPSK	**23.44**	23.21	23.12	24.00
		MID	QPSK	23.41	23.23	23.17	24.00
		HIGH	QPSK	23.41	23.24	23.18	24.00
	75	LOW	QPSK	**23.39**	23.23	23.11	24.00
15	1	LOW	Q16	23.33	23.62	23.58	24.00
		MID	Q16	23.26	23.57	23.47	24.00
		HIGH	Q16	23.21	23.45	23.47	24.00
	36	LOW	Q16	22.45	22.24	22.13	23.00
		MID	Q16	22.41	22.24	22.16	23.00
		HIGH	Q16	22.44	22.30	22.17	23.00
	75	LOW	Q16	22.42	22.27	22.14	23.00
15	1	LOW	64QAM	22.31	22.51	22.46	23.00
		MID	64QAM	22.16	22.52	22.51	23.00
		HIGH	64QAM	22.35	22.52	22.57	23.00
	36	LOW	64QAM	21.57	21.22	21.11	22.00
		MID	64QAM	21.27	21.34	21.22	22.00

LTE B26-Level2 -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	24.25	24.20	24.14	25.00
		MID	QPSK	24.14	24.14	24.05	25.00
		HIGH	QPSK	24.36	24.12	24.03	25.00
	3	LOW	QPSK	24.43	24.14	24.19	25.00
		MID	QPSK	24.41	24.18	24.23	25.00
		HIGH	QPSK	24.29	24.27	24.10	25.00
	6	LOW	QPSK	23.26	23.36	23.02	24.00
1.4	1	LOW	Q16	23.18	23.57	23.66	24.00
		MID	Q16	23.15	23.51	23.46	24.00
		HIGH	Q16	23.25	23.48	23.55	24.00
	3	LOW	Q16	23.44	23.19	23.15	24.00
		MID	Q16	23.53	23.32	23.17	24.00
		HIGH	Q16	23.37	23.26	23.11	24.00
	6	LOW	Q16	22.29	22.17	21.99	23.00
1.4	1	LOW	64QAM	22.46	22.66	22.48	23.00
		MID	64QAM	22.34	22.47	22.59	23.00
		HIGH	64QAM	22.33	22.49	22.60	23.00
	3	LOW	64QAM	22.45	22.13	22.11	23.00
		MID	64QAM	22.48	22.18	22.19	23.00
		HIGH	64QAM	22.50	22.18	22.07	23.00
	6	LOW	64QAM	21.35	21.13	21.28	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	24.31	24.11	24.17	25.00
		MID	QPSK	24.29	23.96	24.16	25.00
		HIGH	QPSK	24.31	24.01	24.05	25.00
	8	LOW	QPSK	23.51	23.29	23.11	24.00
		MID	QPSK	23.39	23.12	23.20	24.00
		HIGH	QPSK	23.38	23.23	23.32	24.00
	15	LOW	QPSK	23.26	23.12	23.26	24.00
3	1	LOW	Q16	23.45	23.70	23.50	24.00
		MID	Q16	23.28	23.71	23.54	24.00
		HIGH	Q16	23.24	23.49	23.45	24.00
	8	LOW	Q16	22.34	22.23	22.23	23.00
		MID	Q16	22.31	22.26	22.27	23.00
		HIGH	Q16	22.39	22.36	22.05	23.00
	15	LOW	Q16	22.31	22.32	22.08	23.00
3	1	LOW	64QAM	22.44	22.55	22.69	23.00
		MID	64QAM	22.19	22.70	22.47	23.00
		HIGH	64QAM	22.12	22.43	22.58	23.00
	8	LOW	64QAM	21.59	21.20	21.13	22.00
		MID	64QAM	21.26	21.19	21.06	22.00
		HIGH	64QAM	21.31	21.43	21.16	22.00
	15	LOW	64QAM	21.29	21.29	21.24	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	24.49	24.03	24.13	25.00
		MID	QPSK	24.35	24.04	24.01	25.00
		HIGH	QPSK	24.16	24.12	23.98	25.00
	12	LOW	QPSK	23.49	23.11	23.25	24.00
		MID	QPSK	23.53	23.17	23.16	24.00
		HIGH	QPSK	23.49	23.29	23.03	24.00
	25	LOW	QPSK	23.47	23.23	23.12	24.00
5	1	LOW	Q16	23.22	23.48	23.55	24.00
		MID	Q16	23.24	23.68	23.56	24.00
		HIGH	Q16	23.32	23.39	23.47	24.00
	12	LOW	Q16	22.39	22.16	22.11	23.00
		MID	Q16	22.29	22.25	22.22	23.00
		HIGH	Q16	22.39	22.29	22.24	23.00
	25	LOW	Q16	22.47	22.20	22.19	23.00
5	1	LOW	64QAM	22.28	22.54	22.47	23.00
		MID	64QAM	22.31	22.51	22.47	23.00
		HIGH	64QAM	22.15	22.59	22.40	23.00
	12	LOW	64QAM	21.40	21.21	21.04	22.00
		MID	64QAM	21.31	21.26	21.09	22.00
		HIGH	64QAM	21.38	21.25	21.25	22.00
	25	LOW	64QAM	21.55	21.39	21.00	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	24.44	24.30	24.23	25.00
		MID	QPSK	24.17	24.20	23.96	25.00
		HIGH	QPSK	24.35	24.00	24.01	25.00
	25	LOW	QPSK	23.37	23.14	23.22	24.00
		MID	QPSK	23.28	23.21	23.06	24.00
		HIGH	QPSK	23.27	23.19	23.29	24.00
	50	LOW	QPSK	23.52	23.08	23.17	24.00
10	1	LOW	Q16	23.35	23.52	23.54	24.00
		MID	Q16	23.35	23.62	23.48	24.00
		HIGH	Q16	23.16	23.53	23.48	24.00
	25	LOW	Q16	22.43	22.27	22.13	23.00
		MID	Q16	22.37	22.28	22.17	23.00
		HIGH	Q16	22.29	22.44	22.05	23.00
	50	LOW	Q16	22.35	22.19	22.15	23.00
10	1	LOW	64QAM	22.38	22.48	22.47	23.00
		MID	64QAM	22.36	22.62	22.49	23.00
		HIGH	64QAM	22.09	22.55	22.32	23.00
	25	LOW	64QAM	21.59	21.30	21.00	22.00
		MID	64QAM	21.56	21.11	21.27	22.00
		HIGH	64QAM	21.32	21.16	21.20	22.00
	50	LOW	64QAM	21.36	21.13	21.21	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**24.38**	24.17	24.18	25.00
		MID	QPSK	24.27	24.09	24.09	25.00
		HIGH	QPSK	24.23	24.02	23.98	25.00
	36	LOW	QPSK	**23.44**	23.21	23.12	24.00
		MID	QPSK	23.41	23.23	23.17	24.00
		HIGH	QPSK	23.41	23.24	23.18	24.00
	75	LOW	QPSK	**23.39**	23.23	23.11	24.00
15	1	LOW	Q16	23.33	23.62	23.58	24.00
		MID	Q16	23.26	23.57	23.47	24.00
		HIGH	Q16	23.21	23.45	23.47	24.00
	36	LOW	Q16	22.45	22.24	22.13	23.00
		MID	Q16	22.41	22.24	22.16	23.00
		HIGH	Q16	22.44	22.30	22.17	23.00
	75	LOW	Q16	22.42	22.27	22.14	23.00
15	1	LOW	64QAM	22.31	22.51	22.46	23.00
		MID	64QAM	22.16	22.52	22.51	23.00
		HIGH	64QAM	22.35	22.52	22.57	23.00
	36	LOW	64QAM	21.57	21.22	21.11	22.00
		MID	64QAM	21.27	21.34	21.22	22.00

LTE B26-Full Power -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.47	23.22	23.05	24.00
		MID	QPSK	23.00	22.99	23.09	24.00
		HIGH	QPSK	23.06	22.83	22.62	24.00
	3	LOW	QPSK	23.30	22.91	22.86	24.00
		MID	QPSK	23.19	23.02	23.20	24.00
		HIGH	QPSK	23.03	22.99	22.95	24.00
	6	LOW	QPSK	23.23	23.22	22.98	24.00
1.4	1	LOW	Q16	23.03	23.51	23.35	24.00
		MID	Q16	22.95	23.28	23.25	24.00
		HIGH	Q16	23.02	23.16	23.29	24.00
	3	LOW	Q16	23.26	23.10	22.99	24.00
		MID	Q16	23.24	23.04	23.30	24.00
		HIGH	Q16	23.14	23.14	22.93	24.00
	6	LOW	Q16	22.15	22.27	21.74	23.00
1.4	1	LOW	64QAM	21.97	22.37	22.38	23.00
		MID	64QAM	22.01	22.49	22.01	23.00
		HIGH	64QAM	21.73	22.28	22.13	23.00
	3	LOW	64QAM	22.48	22.08	21.84	23.00
		MID	64QAM	22.09	22.03	21.82	23.00
		HIGH	64QAM	22.26	22.21	22.09	23.00
	6	LOW	64QAM	21.20	21.24	20.86	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.10	23.09	23.09	24.00
		MID	QPSK	23.20	22.93	22.92	24.00
		HIGH	QPSK	22.97	22.96	22.81	24.00
	8	LOW	QPSK	23.10	23.15	22.95	24.00
		MID	QPSK	23.19	22.88	23.20	24.00
		HIGH	QPSK	23.31	23.15	22.95	24.00
	15	LOW	QPSK	23.30	23.03	22.81	24.00
3	1	LOW	Q16	23.01	23.55	23.46	24.00
		MID	Q16	23.06	23.35	23.09	24.00
		HIGH	Q16	22.90	23.52	23.30	24.00
	8	LOW	Q16	22.22	22.28	22.22	23.00
		MID	Q16	22.25	22.30	22.00	23.00
		HIGH	Q16	22.16	21.95	22.17	23.00
	15	LOW	Q16	22.07	22.30	22.17	23.00
3	1	LOW	64QAM	22.09	22.15	22.25	23.00
		MID	64QAM	21.68	22.39	22.17	23.00
		HIGH	64QAM	21.84	22.05	22.16	23.00
	8	LOW	64QAM	21.15	21.14	20.76	22.00
		MID	64QAM	21.20	21.08	21.00	22.00
		HIGH	64QAM	21.16	21.22	21.08	22.00
	15	LOW	64QAM	21.04	21.13	21.02	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.13	23.04	23.01	24.00
		MID	QPSK	23.01	22.93	22.79	24.00
		HIGH	QPSK	23.11	23.03	22.68	24.00
	12	LOW	QPSK	23.26	23.27	22.96	24.00
		MID	QPSK	23.30	22.85	22.97	24.00
		HIGH	QPSK	23.29	22.94	23.01	24.00
	25	LOW	QPSK	22.94	23.25	23.02	24.00
5	1	LOW	Q16	23.03	23.28	23.37	24.00
		MID	Q16	22.93	23.49	23.36	24.00
		HIGH	Q16	22.67	23.25	23.28	24.00
	12	LOW	Q16	22.42	22.19	22.05	23.00
		MID	Q16	22.27	22.16	22.16	23.00
		HIGH	Q16	22.41	22.25	21.88	23.00
	25	LOW	Q16	22.37	22.34	21.93	23.00
5	1	LOW	64QAM	22.30	22.52	22.25	23.00
		MID	64QAM	22.11	22.26	22.31	23.00
		HIGH	64QAM	21.62	22.25	22.12	23.00
	12	LOW	64QAM	21.24	21.10	20.97	22.00
		MID	64QAM	21.46	21.15	20.83	22.00
		HIGH	64QAM	21.20	21.15	21.13	22.00
	25	LOW	64QAM	21.36	20.88	21.11	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.20	22.97	24.00
		MID	QPSK	23.15	22.86	23.04	24.00
		HIGH	QPSK	23.01	22.87	22.86	24.00
	25	LOW	QPSK	23.19	23.27	23.05	24.00
		MID	QPSK	23.07	23.06	23.14	24.00
		HIGH	QPSK	23.16	23.12	23.03	24.00
	50	LOW	QPSK	23.21	23.33	23.17	24.00
10	1	LOW	Q16	22.96	23.39	23.27	24.00
		MID	Q16	22.94	23.42	23.24	24.00
		HIGH	Q16	22.79	23.28	23.35	24.00
	25	LOW	Q16	22.17	22.11	21.83	23.00
		MID	Q16	22.03	22.30	21.95	23.00
		HIGH	Q16	22.14	22.36	22.06	23.00
	50	LOW	Q16	22.09	22.16	21.90	23.00
10	1	LOW	64QAM	22.28	22.30	22.36	23.00
		MID	64QAM	21.72	22.12	22.09	23.00
		HIGH	64QAM	22.11	22.15	22.20	23.00
	25	LOW	64QAM	21.44	21.14	21.20	22.00
		MID	64QAM	21.24	21.04	21.06	22.00
		HIGH	64QAM	21.36	21.37	21.02	22.00
	50	LOW	64QAM	21.35	21.16	21.15	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.29**	22.96	23.13	24.00
		MID	QPSK	23.08	22.90	22.97	24.00
		HIGH	QPSK	22.95	22.96	22.86	24.00
	36	LOW	QPSK	23.18	23.06	22.87	24.00
		MID	QPSK	23.15	23.15	23.13	24.00
		HIGH	QPSK	**23.31**	23.23	22.94	24.00
	75	LOW	QPSK	**23.26**	23.19	23.05	24.00
15	1	LOW	Q16	23.18	23.37	23.27	24.00
		MID	Q16	22.78	23.23	23.27	24.00
		HIGH	Q16	22.90	23.34	23.16	24.00
	36	LOW	Q16	22.28	22.20	21.88	23.00
		MID	Q16	22.11	22.15	22.08	23.00
		HIGH	Q16	22.31	22.21	21.90	23.00
	75	LOW	Q16	22.17	21.97	21.91	23.00
15	1	LOW	64QAM	21.97	22.55	22.34	23.00
		MID	64QAM	21.95	22.10	22.32	23.00
		HIGH	64QAM	21.90	22.22	22.17	23.00
	36	LOW	64QAM	21.15	21.26	21.09	22.00
		MID	64QAM	21.44	21.36	20.98	22.00
		HIGH	64QAM	21.45	21.35	20.91	22.00
	75	LOW	64QAM	21.40	21.13	21.20	22.00

LTE B26-Level1 -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.70	18.69	18.56	20.00
		MID	QPSK	18.79	18.45	18.79	20.00
		HIGH	QPSK	18.82	18.58	18.71	20.00
	3	LOW	QPSK	18.75	18.74	18.66	20.00
		MID	QPSK	19.01	18.72	18.79	20.00
		HIGH	QPSK	18.84	18.76	18.48	20.00
	6	LOW	QPSK	18.86	18.63	18.80	20.00
1.4	1	LOW	Q16	19.02	19.06	18.97	20.00
		MID	Q16	18.60	19.05	18.84	20.00
		HIGH	Q16	18.79	19.22	19.03	20.00
	3	LOW	Q16	18.83	18.68	18.58	20.00
		MID	Q16	18.86	18.88	18.82	20.00
		HIGH	Q16	19.03	18.89	18.64	20.00
	6	LOW	Q16	18.84	18.67	18.73	20.00
1.4	1	LOW	64QAM	19.17	19.20	19.26	20.00
		MID	64QAM	18.84	19.07	18.80	20.00
		HIGH	64QAM	18.58	19.01	18.87	20.00
	3	LOW	64QAM	18.70	18.79	18.43	20.00
		MID	64QAM	19.17	18.99	18.69	20.00
		HIGH	64QAM	19.05	18.87	18.81	20.00
	6	LOW	64QAM	18.93	18.76	18.67	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	19.08	18.87	18.56	20.00
		MID	QPSK	18.85	18.48	18.59	20.00
		HIGH	QPSK	18.72	18.49	18.39	20.00
	8	LOW	QPSK	18.84	18.66	18.80	20.00
		MID	QPSK	19.07	18.79	18.59	20.00
		HIGH	QPSK	18.97	18.78	18.54	20.00
	15	LOW	QPSK	19.16	18.76	18.53	20.00
3	1	LOW	Q16	19.09	19.01	18.97	20.00
		MID	Q16	18.58	19.05	19.10	20.00
		HIGH	Q16	18.70	18.99	18.85	20.00
	8	LOW	Q16	18.96	18.87	18.57	20.00
		MID	Q16	18.81	18.92	18.89	20.00
		HIGH	Q16	19.00	18.85	18.81	20.00
	15	LOW	Q16	19.13	18.99	18.64	20.00
3	1	LOW	64QAM	19.12	19.32	18.97	20.00
		MID	64QAM	18.82	19.16	19.24	20.00
		HIGH	64QAM	18.66	18.98	18.77	20.00
	8	LOW	64QAM	18.85	18.83	18.49	20.00
		MID	64QAM	18.92	18.54	18.61	20.00
		HIGH	64QAM	19.07	18.98	18.96	20.00
	15	LOW	64QAM	19.02	18.95	18.82	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	18.82	18.87	18.96	20.00
		MID	QPSK	18.56	18.85	18.65	20.00
		HIGH	QPSK	18.86	18.84	18.45	20.00
	12	LOW	QPSK	18.92	18.82	18.54	20.00
		MID	QPSK	19.07	18.67	18.59	20.00
		HIGH	QPSK	19.00	18.63	18.67	20.00
	25	LOW	QPSK	19.09	18.70	18.62	20.00
5	1	LOW	Q16	18.82	19.19	18.94	20.00
		MID	Q16	18.71	19.46	19.16	20.00
		HIGH	Q16	18.59	18.94	18.77	20.00
	12	LOW	Q16	18.96	18.85	18.90	20.00
		MID	Q16	18.99	18.79	18.79	20.00
		HIGH	Q16	18.97	18.72	18.78	20.00
	25	LOW	Q16	19.13	18.80	18.55	20.00
5	1	LOW	64QAM	19.00	19.24	18.93	20.00
		MID	64QAM	18.72	19.47	18.99	20.00
		HIGH	64QAM	18.66	19.19	19.08	20.00
	12	LOW	64QAM	18.93	18.89	18.47	20.00
		MID	64QAM	18.82	18.77	18.87	20.00
		HIGH	64QAM	18.71	18.75	18.76	20.00
	25	LOW	64QAM	18.72	18.78	18.74	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	19.03	18.62	18.84	20.00
		MID	QPSK	18.71	18.73	18.77	20.00
		HIGH	QPSK	19.02	18.90	18.54	20.00
	25	LOW	QPSK	18.96	18.86	18.65	20.00
		MID	QPSK	18.94	18.71	18.74	20.00
		HIGH	QPSK	18.94	18.59	18.87	20.00
	50	LOW	QPSK	18.95	18.86	18.74	20.00
10	1	LOW	Q16	19.00	19.18	19.16	20.00
		MID	Q16	18.67	19.11	18.86	20.00
		HIGH	Q16	18.61	19.11	18.77	20.00
	25	LOW	Q16	18.93	18.85	18.58	20.00
		MID	Q16	19.03	18.95	18.70	20.00
		HIGH	Q16	19.02	18.72	18.71	20.00
	50	LOW	Q16	19.00	18.80	18.55	20.00
10	1	LOW	64QAM	18.96	19.34	19.27	20.00
		MID	64QAM	18.67	19.12	18.75	20.00
		HIGH	64QAM	18.84	19.05	18.96	20.00
	25	LOW	64QAM	18.83	18.69	18.74	20.00
		MID	64QAM	19.17	18.89	18.83	20.00
		HIGH	64QAM	18.91	18.95	18.86	20.00
	50	LOW	64QAM	18.95	18.83	18.60	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**18.83**	18.61	18.72	20.00
		MID	QPSK	18.68	18.53	18.73	20.00
		HIGH	QPSK	18.78	18.78	18.48	20.00
	36	LOW	QPSK	19.01	18.86	18.61	20.00
		MID	QPSK	**19.08**	18.72	18.80	20.00
		HIGH	QPSK	18.93	18.91	18.67	20.00
	75	LOW	QPSK	**19.09**	18.60	18.78	20.00
15	1	LOW	Q16	19.00	19.29	18.97	20.00
		MID	Q16	18.71	19.09	18.82	20.00
		HIGH	Q16	18.60	19.13	18.81	20.00
	36	LOW	Q16	18.83	18.87	18.66	20.00
		MID	Q16	18.89	18.83	18.74	20.00
		HIGH	Q16	18.84	18.97	18.61	20.00
	75	LOW	Q16	18.90	18.70	18.60	20.00
15	1	LOW	64QAM	18.85	19.27	19.05	20.00
		MID	64QAM	18.70	19.14	18.97	20.00
		HIGH	64QAM	18.64	19.02	18.81	20.00
	36	LOW	64QAM	19.08	19.08	18.78	20.00
		MID	64QAM	18.86	18.71	18.65	20.00
		HIGH	64QAM	19.01	18.93	18.99	20.00
	75	LOW	64QAM	19.02	18.95	18.71	20.00

LTE B26-Level2 -Ant.1(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.47	23.22	23.05	24.00
		MID	QPSK	23.00	22.99	23.09	24.00
		HIGH	QPSK	23.06	22.83	22.62	24.00
	3	LOW	QPSK	23.30	22.91	22.86	24.00
		MID	QPSK	23.19	23.02	23.20	24.00
		HIGH	QPSK	23.03	22.99	22.95	24.00
	6	LOW	QPSK	23.23	23.22	22.98	24.00
1.4	1	LOW	Q16	23.03	23.51	23.35	24.00
		MID	Q16	22.95	23.28	23.25	24.00
		HIGH	Q16	23.02	23.16	23.29	24.00
	3	LOW	Q16	23.26	23.10	22.99	24.00
		MID	Q16	23.24	23.04	23.30	24.00
		HIGH	Q16	23.14	23.14	22.93	24.00
	6	LOW	Q16	22.15	22.27	21.74	23.00
1.4	1	LOW	64QAM	21.97	22.37	22.38	23.00
		MID	64QAM	22.01	22.49	22.01	23.00
		HIGH	64QAM	21.73	22.28	22.13	23.00
	3	LOW	64QAM	22.48	22.08	21.84	23.00
		MID	64QAM	22.09	22.03	21.82	23.00
		HIGH	64QAM	22.26	22.21	22.09	23.00
	6	LOW	64QAM	21.20	21.24	20.86	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.10	23.09	23.09	24.00
		MID	QPSK	23.20	22.93	22.92	24.00
		HIGH	QPSK	22.97	22.96	22.81	24.00
	8	LOW	QPSK	23.10	23.15	22.95	24.00
		MID	QPSK	23.19	22.88	23.20	24.00
		HIGH	QPSK	23.31	23.15	22.95	24.00
	15	LOW	QPSK	23.30	23.03	22.81	24.00
3	1	LOW	Q16	23.01	23.55	23.46	24.00
		MID	Q16	23.06	23.35	23.09	24.00
		HIGH	Q16	22.90	23.52	23.30	24.00
	8	LOW	Q16	22.22	22.28	22.22	23.00
		MID	Q16	22.25	22.30	22.00	23.00
		HIGH	Q16	22.16	21.95	22.17	23.00
	15	LOW	Q16	22.07	22.30	22.17	23.00
3	1	LOW	64QAM	22.09	22.15	22.25	23.00
		MID	64QAM	21.68	22.39	22.17	23.00
		HIGH	64QAM	21.84	22.05	22.16	23.00
	8	LOW	64QAM	21.15	21.14	20.76	22.00
		MID	64QAM	21.20	21.08	21.00	22.00
		HIGH	64QAM	21.16	21.22	21.08	22.00
	15	LOW	64QAM	21.04	21.13	21.02	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.13	23.04	23.01	24.00
		MID	QPSK	23.01	22.93	22.79	24.00
		HIGH	QPSK	23.11	23.03	22.68	24.00
	12	LOW	QPSK	23.26	23.27	22.96	24.00
		MID	QPSK	23.30	22.85	22.97	24.00
		HIGH	QPSK	23.29	22.94	23.01	24.00
	25	LOW	QPSK	22.94	23.25	23.02	24.00
5	1	LOW	Q16	23.03	23.28	23.37	24.00
		MID	Q16	22.93	23.49	23.36	24.00
		HIGH	Q16	22.67	23.25	23.28	24.00
	12	LOW	Q16	22.42	22.19	22.05	23.00
		MID	Q16	22.27	22.16	22.16	23.00
		HIGH	Q16	22.41	22.25	21.88	23.00
	25	LOW	Q16	22.37	22.34	21.93	23.00
5	1	LOW	64QAM	22.30	22.52	22.25	23.00
		MID	64QAM	22.11	22.26	22.31	23.00
		HIGH	64QAM	21.62	22.25	22.12	23.00
	12	LOW	64QAM	21.24	21.10	20.97	22.00
		MID	64QAM	21.46	21.15	20.83	22.00
		HIGH	64QAM	21.20	21.15	21.13	22.00
	25	LOW	64QAM	21.36	20.88	21.11	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.23	23.20	22.97	24.00
		MID	QPSK	23.15	22.86	23.04	24.00
		HIGH	QPSK	23.01	22.87	22.86	24.00
	25	LOW	QPSK	23.19	23.27	23.05	24.00
		MID	QPSK	23.07	23.06	23.14	24.00
		HIGH	QPSK	23.16	23.12	23.03	24.00
	50	LOW	QPSK	23.21	23.33	23.17	24.00
10	1	LOW	Q16	22.96	23.39	23.27	24.00
		MID	Q16	22.94	23.42	23.24	24.00
		HIGH	Q16	22.79	23.28	23.35	24.00
	25	LOW	Q16	22.17	22.11	21.83	23.00
		MID	Q16	22.03	22.30	21.95	23.00
		HIGH	Q16	22.14	22.36	22.06	23.00
	50	LOW	Q16	22.09	22.16	21.90	23.00
10	1	LOW	64QAM	22.28	22.30	22.36	23.00
		MID	64QAM	21.72	22.12	22.09	23.00
		HIGH	64QAM	22.11	22.15	22.20	23.00
	25	LOW	64QAM	21.44	21.14	21.20	22.00
		MID	64QAM	21.24	21.04	21.06	22.00
		HIGH	64QAM	21.36	21.37	21.02	22.00
	50	LOW	64QAM	21.35	21.16	21.15	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.29**	22.96	23.13	24.00
		MID	QPSK	23.08	22.90	22.97	24.00
		HIGH	QPSK	22.95	22.96	22.86	24.00
	36	LOW	QPSK	23.18	23.06	22.87	24.00
		MID	QPSK	23.15	23.15	23.13	24.00
		HIGH	QPSK	**23.31**	23.23	22.94	24.00
	75	LOW	QPSK	**23.26**	23.19	23.05	24.00
15	1	LOW	Q16	23.18	23.37	23.27	24.00
		MID	Q16	22.78	23.23	23.27	24.00
		HIGH	Q16	22.90	23.34	23.16	24.00
	36	LOW	Q16	22.28	22.20	21.88	23.00
		MID	Q16	22.11	22.15	22.08	23.00
		HIGH	Q16	22.31	22.21	21.90	23.00
	75	LOW	Q16	22.17	21.97	21.91	23.00
15	1	LOW	64QAM	21.97	22.55	22.34	23.00
		MID	64QAM	21.95	22.10	22.32	23.00
		HIGH	64QAM	21.90	22.22	22.17	23.00
	36	LOW	64QAM	21.15	21.26	21.09	22.00
		MID	64QAM	21.44	21.36	20.98	22.00
		HIGH	64QAM	21.45	21.35	20.91	22.00
	75	LOW	64QAM	21.40	21.13	21.20	22.00

LTE B26-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.22	23.20	23.02	24.00
		MID	QPSK	23.24	23.13	22.94	24.00
		HIGH	QPSK	23.43	23.21	23.08	24.00
	3	LOW	QPSK	23.30	23.11	23.29	24.00
		MID	QPSK	23.47	23.18	23.16	24.00
		HIGH	QPSK	23.25	23.22	22.96	24.00
	6	LOW	QPSK	23.20	23.31	22.87	24.00
1.4	1	LOW	Q16	22.94	23.28	23.63	24.00
		MID	Q16	22.93	23.29	23.46	24.00
		HIGH	Q16	22.96	23.19	23.35	24.00
	3	LOW	Q16	23.42	23.23	23.05	24.00
		MID	Q16	23.63	23.41	23.14	24.00
		HIGH	Q16	23.46	23.25	23.10	24.00
	6	LOW	Q16	22.34	22.16	22.04	23.00
1.4	1	LOW	64QAM	22.41	22.40	22.33	23.00
		MID	64QAM	22.12	22.41	22.33	23.00
		HIGH	64QAM	22.10	22.49	22.58	23.00
	3	LOW	64QAM	22.43	21.96	21.94	23.00
		MID	64QAM	22.32	22.19	22.29	23.00
		HIGH	64QAM	22.47	22.13	21.97	23.00
	6	LOW	64QAM	21.23	21.20	21.14	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.29	23.06	23.05	24.00
		MID	QPSK	23.22	22.98	23.04	24.00
		HIGH	QPSK	23.31	22.99	23.06	24.00
	8	LOW	QPSK	23.61	23.19	22.96	24.00
		MID	QPSK	23.49	23.20	23.26	24.00
		HIGH	QPSK	23.22	23.05	23.21	24.00
	15	LOW	QPSK	23.15	23.19	23.29	24.00
3	1	LOW	Q16	23.39	23.46	23.26	24.00
		MID	Q16	23.05	23.69	23.51	24.00
		HIGH	Q16	23.06	23.39	23.44	24.00
	8	LOW	Q16	22.44	22.26	22.29	23.00
		MID	Q16	22.24	22.35	22.35	23.00
		HIGH	Q16	22.45	22.19	22.15	23.00
	15	LOW	Q16	22.25	22.21	21.93	23.00
3	1	LOW	64QAM	22.25	22.35	22.60	23.00
		MID	64QAM	21.91	22.68	22.47	23.00
		HIGH	64QAM	22.10	22.21	22.42	23.00
	8	LOW	64QAM	21.48	21.04	21.13	22.00
		MID	64QAM	21.31	21.01	21.03	22.00
		HIGH	64QAM	21.38	21.26	21.22	22.00
	15	LOW	64QAM	21.37	21.15	21.13	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.48	23.04	23.00	24.00
		MID	QPSK	23.37	23.09	22.86	24.00
		HIGH	QPSK	23.11	22.93	22.95	24.00
	12	LOW	QPSK	23.50	23.12	23.25	24.00
		MID	QPSK	23.58	23.14	23.14	24.00
		HIGH	QPSK	23.49	23.33	22.85	24.00
	25	LOW	QPSK	23.44	23.33	22.93	24.00
5	1	LOW	Q16	23.04	23.40	23.47	24.00
		MID	Q16	23.04	23.55	23.33	24.00
		HIGH	Q16	23.13	23.16	23.29	24.00
	12	LOW	Q16	22.36	22.24	22.17	23.00
		MID	Q16	22.32	22.06	22.12	23.00
		HIGH	Q16	22.24	22.24	22.19	23.00
	25	LOW	Q16	22.46	22.12	22.26	23.00
5	1	LOW	64QAM	22.16	22.29	22.42	23.00
		MID	64QAM	22.11	22.40	22.38	23.00
		HIGH	64QAM	22.06	22.40	22.33	23.00
	12	LOW	64QAM	21.33	21.22	20.85	22.00
		MID	64QAM	21.30	21.30	21.01	22.00
		HIGH	64QAM	21.30	21.21	21.31	22.00
	25	LOW	64QAM	21.47	21.47	20.84	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.21	23.24	24.00
		MID	QPSK	23.22	23.24	22.90	24.00
		HIGH	QPSK	23.23	23.01	22.84	24.00
	25	LOW	QPSK	23.26	23.20	23.09	24.00
		MID	QPSK	23.09	23.04	23.11	24.00
		HIGH	QPSK	23.29	23.12	23.34	24.00
	50	LOW	QPSK	23.33	23.11	23.24	24.00
10	1	LOW	Q16	23.32	23.36	23.47	24.00
		MID	Q16	23.14	23.40	23.36	24.00
		HIGH	Q16	23.13	23.52	23.28	24.00
	25	LOW	Q16	22.34	22.34	22.15	23.00
		MID	Q16	22.22	22.33	22.00	23.00
		HIGH	Q16	22.30	22.33	21.96	23.00
	50	LOW	Q16	22.19	22.26	22.17	23.00
10	1	LOW	64QAM	22.38	22.31	22.33	23.00
		MID	64QAM	22.32	22.49	22.25	23.00
		HIGH	64QAM	22.01	22.39	22.17	23.00
	25	LOW	64QAM	21.59	21.35	21.08	22.00
		MID	64QAM	21.40	21.15	21.18	22.00
		HIGH	64QAM	21.17	21.11	21.17	22.00
	50	LOW	64QAM	21.46	21.17	21.17	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.47**	23.22	23.23	24.00
		MID	QPSK	23.14	22.99	23.04	24.00
		HIGH	QPSK	23.16	22.92	23.00	24.00
	36	LOW	QPSK	23.29	23.10	22.98	24.00
		MID	QPSK	**23.46**	23.07	23.19	24.00
		HIGH	QPSK	23.43	23.09	23.05	24.00
	75	LOW	QPSK	**23.38**	23.11	23.15	24.00
15	1	LOW	Q16	23.23	23.34	23.53	24.00
		MID	Q16	22.97	23.30	23.18	24.00
		HIGH	Q16	23.21	23.29	23.40	24.00
	36	LOW	Q16	22.26	22.05	22.12	23.00
		MID	Q16	22.30	22.15	22.16	23.00
		HIGH	Q16	22.39	22.33	22.25	23.00
	75	LOW	Q16	22.35	22.35	22.19	23.00
15	1	LOW	64QAM	22.28	22.30	22.18	23.00
		MID	64QAM	22.03	22.32	22.30	23.00
		HIGH	64QAM	22.29	22.46	22.36	23.00
	36	LOW	64QAM	21.58	21.32	20.94	22.00
		MID	64QAM	21.23	21.40	21.28	22.00

LTE B26-Full Power -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.22	23.20	23.02	24.00
		MID	QPSK	23.24	23.13	22.94	24.00
		HIGH	QPSK	23.43	23.21	23.08	24.00
	3	LOW	QPSK	23.30	23.11	23.29	24.00
		MID	QPSK	23.47	23.18	23.16	24.00
		HIGH	QPSK	23.25	23.22	22.96	24.00
	6	LOW	QPSK	23.20	23.31	22.87	24.00
1.4	1	LOW	Q16	22.94	23.28	23.63	24.00
		MID	Q16	22.93	23.29	23.46	24.00
		HIGH	Q16	22.96	23.19	23.35	24.00
	3	LOW	Q16	23.42	23.23	23.05	24.00
		MID	Q16	23.63	23.41	23.14	24.00
		HIGH	Q16	23.46	23.25	23.10	24.00
	6	LOW	Q16	22.34	22.16	22.04	23.00
1.4	1	LOW	64QAM	22.41	22.40	22.33	23.00
		MID	64QAM	22.12	22.41	22.33	23.00
		HIGH	64QAM	22.10	22.49	22.58	23.00
	3	LOW	64QAM	22.43	21.96	21.94	23.00
		MID	64QAM	22.32	22.19	22.29	23.00
		HIGH	64QAM	22.47	22.13	21.97	23.00
	6	LOW	64QAM	21.23	21.20	21.14	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.29	23.06	23.05	24.00
		MID	QPSK	23.22	22.98	23.04	24.00
		HIGH	QPSK	23.31	22.99	23.06	24.00
	8	LOW	QPSK	23.61	23.19	22.96	24.00
		MID	QPSK	23.49	23.20	23.26	24.00
		HIGH	QPSK	23.22	23.05	23.21	24.00
	15	LOW	QPSK	23.15	23.19	23.29	24.00
3	1	LOW	Q16	23.39	23.46	23.26	24.00
		MID	Q16	23.05	23.69	23.51	24.00
		HIGH	Q16	23.06	23.39	23.44	24.00
	8	LOW	Q16	22.44	22.26	22.29	23.00
		MID	Q16	22.24	22.35	22.35	23.00
		HIGH	Q16	22.45	22.19	22.15	23.00
	15	LOW	Q16	22.25	22.21	21.93	23.00
3	1	LOW	64QAM	22.25	22.35	22.60	23.00
		MID	64QAM	21.91	22.68	22.47	23.00
		HIGH	64QAM	22.10	22.21	22.42	23.00
	8	LOW	64QAM	21.48	21.04	21.13	22.00
		MID	64QAM	21.31	21.01	21.03	22.00
		HIGH	64QAM	21.38	21.26	21.22	22.00
	15	LOW	64QAM	21.37	21.15	21.13	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.48	23.04	23.00	24.00
		MID	QPSK	23.37	23.09	22.86	24.00
		HIGH	QPSK	23.11	22.93	22.95	24.00
	12	LOW	QPSK	23.50	23.12	23.25	24.00
		MID	QPSK	23.58	23.14	23.14	24.00
		HIGH	QPSK	23.49	23.33	22.85	24.00
	25	LOW	QPSK	23.44	23.33	22.93	24.00
5	1	LOW	Q16	23.04	23.40	23.47	24.00
		MID	Q16	23.04	23.55	23.33	24.00
		HIGH	Q16	23.13	23.16	23.29	24.00
	12	LOW	Q16	22.36	22.24	22.17	23.00
		MID	Q16	22.32	22.06	22.12	23.00
		HIGH	Q16	22.24	22.24	22.19	23.00
	25	LOW	Q16	22.46	22.12	22.26	23.00
5	1	LOW	64QAM	22.16	22.29	22.42	23.00
		MID	64QAM	22.11	22.40	22.38	23.00
		HIGH	64QAM	22.06	22.40	22.33	23.00
	12	LOW	64QAM	21.33	21.22	20.85	22.00
		MID	64QAM	21.30	21.30	21.01	22.00
		HIGH	64QAM	21.30	21.21	21.31	22.00
	25	LOW	64QAM	21.47	21.47	20.84	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.21	23.24	24.00
		MID	QPSK	23.22	23.24	22.90	24.00
		HIGH	QPSK	23.23	23.01	22.84	24.00
	25	LOW	QPSK	23.26	23.20	23.09	24.00
		MID	QPSK	23.09	23.04	23.11	24.00
		HIGH	QPSK	23.29	23.12	23.34	24.00
	50	LOW	QPSK	23.33	23.11	23.24	24.00
10	1	LOW	Q16	23.32	23.36	23.47	24.00
		MID	Q16	23.14	23.40	23.36	24.00
		HIGH	Q16	23.13	23.52	23.28	24.00
	25	LOW	Q16	22.34	22.34	22.15	23.00
		MID	Q16	22.22	22.33	22.00	23.00
		HIGH	Q16	22.30	22.33	21.96	23.00
	50	LOW	Q16	22.19	22.26	22.17	23.00
10	1	LOW	64QAM	22.38	22.31	22.33	23.00
		MID	64QAM	22.32	22.49	22.25	23.00
		HIGH	64QAM	22.01	22.39	22.17	23.00
	25	LOW	64QAM	21.59	21.35	21.08	22.00
		MID	64QAM	21.40	21.15	21.18	22.00
		HIGH	64QAM	21.17	21.11	21.17	22.00
	50	LOW	64QAM	21.46	21.17	21.17	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.47**	23.22	23.23	24.00
		MID	QPSK	23.14	22.99	23.04	24.00
		HIGH	QPSK	23.16	22.92	23.00	24.00
	36	LOW	QPSK	23.29	23.10	22.98	24.00
		MID	QPSK	**23.46**	23.07	23.19	24.00
		HIGH	QPSK	23.43	23.09	23.05	24.00
	75	LOW	QPSK	**23.38**	23.11	23.15	24.00
15	1	LOW	Q16	23.23	23.34	23.53	24.00
		MID	Q16	22.97	23.30	23.18	24.00
		HIGH	Q16	23.21	23.29	23.40	24.00
	36	LOW	Q16	22.26	22.05	22.12	23.00
		MID	Q16	22.30	22.15	22.16	23.00
		HIGH	Q16	22.39	22.33	22.25	23.00
	75	LOW	Q16	22.35	22.35	22.19	23.00
15	1	LOW	64QAM	22.28	22.30	22.18	23.00
		MID	64QAM	22.03	22.32	22.30	23.00
		HIGH	64QAM	22.29	22.46	22.36	23.00
	36	LOW	64QAM	21.58	21.32	20.94	22.00
		MID	64QAM	21.23	21.40	21.28	22.00

LTE B26-Level2 -Ant.0(Only for ENDC)							
Bandwidth (MHz)	RB Size	RB offest	Modulation	26697	26865	27033	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.22	23.20	23.02	24.00
		MID	QPSK	23.24	23.13	22.94	24.00
		HIGH	QPSK	23.43	23.21	23.08	24.00
	3	LOW	QPSK	23.30	23.11	23.29	24.00
		MID	QPSK	23.47	23.18	23.16	24.00
		HIGH	QPSK	23.25	23.22	22.96	24.00
	6	LOW	QPSK	23.20	23.31	22.87	24.00
1.4	1	LOW	Q16	22.94	23.28	23.63	24.00
		MID	Q16	22.93	23.29	23.46	24.00
		HIGH	Q16	22.96	23.19	23.35	24.00
	3	LOW	Q16	23.42	23.23	23.05	24.00
		MID	Q16	23.63	23.41	23.14	24.00
		HIGH	Q16	23.46	23.25	23.10	24.00
	6	LOW	Q16	22.34	22.16	22.04	23.00
1.4	1	LOW	64QAM	22.41	22.40	22.33	23.00
		MID	64QAM	22.12	22.41	22.33	23.00
		HIGH	64QAM	22.10	22.49	22.58	23.00
	3	LOW	64QAM	22.43	21.96	21.94	23.00
		MID	64QAM	22.32	22.19	22.29	23.00
		HIGH	64QAM	22.47	22.13	21.97	23.00
	6	LOW	64QAM	21.23	21.20	21.14	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26705	26865	27025	Tune-up power(dBm)
3	1	LOW	QPSK	23.29	23.06	23.05	24.00
		MID	QPSK	23.22	22.98	23.04	24.00
		HIGH	QPSK	23.31	22.99	23.06	24.00
	8	LOW	QPSK	23.61	23.19	22.96	24.00
		MID	QPSK	23.49	23.20	23.26	24.00
		HIGH	QPSK	23.22	23.05	23.21	24.00
	15	LOW	QPSK	23.15	23.19	23.29	24.00
3	1	LOW	Q16	23.39	23.46	23.26	24.00
		MID	Q16	23.05	23.69	23.51	24.00
		HIGH	Q16	23.06	23.39	23.44	24.00
	8	LOW	Q16	22.44	22.26	22.29	23.00
		MID	Q16	22.24	22.35	22.35	23.00
		HIGH	Q16	22.45	22.19	22.15	23.00
	15	LOW	Q16	22.25	22.21	21.93	23.00
3	1	LOW	64QAM	22.25	22.35	22.60	23.00
		MID	64QAM	21.91	22.68	22.47	23.00
		HIGH	64QAM	22.10	22.21	22.42	23.00
	8	LOW	64QAM	21.48	21.04	21.13	22.00
		MID	64QAM	21.31	21.01	21.03	22.00
		HIGH	64QAM	21.38	21.26	21.22	22.00
	15	LOW	64QAM	21.37	21.15	21.13	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26715	26865	27015	Tune-up power(dBm)
5	1	LOW	QPSK	23.48	23.04	23.00	24.00
		MID	QPSK	23.37	23.09	22.86	24.00
		HIGH	QPSK	23.11	22.93	22.95	24.00
	12	LOW	QPSK	23.50	23.12	23.25	24.00
		MID	QPSK	23.58	23.14	23.14	24.00
		HIGH	QPSK	23.49	23.33	22.85	24.00
	25	LOW	QPSK	23.44	23.33	22.93	24.00
5	1	LOW	Q16	23.04	23.40	23.47	24.00
		MID	Q16	23.04	23.55	23.33	24.00
		HIGH	Q16	23.13	23.16	23.29	24.00
	12	LOW	Q16	22.36	22.24	22.17	23.00
		MID	Q16	22.32	22.06	22.12	23.00
		HIGH	Q16	22.24	22.24	22.19	23.00
	25	LOW	Q16	22.46	22.12	22.26	23.00
5	1	LOW	64QAM	22.16	22.29	22.42	23.00
		MID	64QAM	22.11	22.40	22.38	23.00
		HIGH	64QAM	22.06	22.40	22.33	23.00
	12	LOW	64QAM	21.33	21.22	20.85	22.00
		MID	64QAM	21.30	21.30	21.01	22.00
		HIGH	64QAM	21.30	21.21	21.31	22.00
	25	LOW	64QAM	21.47	21.47	20.84	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26740	26865	26990	Tune-up power(dBm)
10	1	LOW	QPSK	23.40	23.21	23.24	24.00
		MID	QPSK	23.22	23.24	22.90	24.00
		HIGH	QPSK	23.23	23.01	22.84	24.00
	25	LOW	QPSK	23.26	23.20	23.09	24.00
		MID	QPSK	23.09	23.04	23.11	24.00
		HIGH	QPSK	23.29	23.12	23.34	24.00
	50	LOW	QPSK	23.33	23.11	23.24	24.00
10	1	LOW	Q16	23.32	23.36	23.47	24.00
		MID	Q16	23.14	23.40	23.36	24.00
		HIGH	Q16	23.13	23.52	23.28	24.00
	25	LOW	Q16	22.34	22.34	22.15	23.00
		MID	Q16	22.22	22.33	22.00	23.00
		HIGH	Q16	22.30	22.33	21.96	23.00
	50	LOW	Q16	22.19	22.26	22.17	23.00
10	1	LOW	64QAM	22.38	22.31	22.33	23.00
		MID	64QAM	22.32	22.49	22.25	23.00
		HIGH	64QAM	22.01	22.39	22.17	23.00
	25	LOW	64QAM	21.59	21.35	21.08	22.00
		MID	64QAM	21.40	21.15	21.18	22.00
		HIGH	64QAM	21.17	21.11	21.17	22.00
	50	LOW	64QAM	21.46	21.17	21.17	22.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	26765	26865	26965	Tune-up power(dBm)
15	1	LOW	QPSK	**23.47**	23.22	23.23	24.00
		MID	QPSK	23.14	22.99	23.04	24.00
		HIGH	QPSK	23.16	22.92	23.00	24.00
	36	LOW	QPSK	23.29	23.10	22.98	24.00
		MID	QPSK	**23.46**	23.07	23.19	24.00
		HIGH	QPSK	23.43	23.09	23.05	24.00
	75	LOW	QPSK	**23.38**	23.11	23.15	24.00
15	1	LOW	Q16	23.23	23.34	23.53	24.00
		MID	Q16	22.97	23.30	23.18	24.00
		HIGH	Q16	23.21	23.29	23.40	24.00
	36	LOW	Q16	22.26	22.05	22.12	23.00
		MID	Q16	22.30	22.15	22.16	23.00
		HIGH	Q16	22.39	22.33	22.25	23.00
	75	LOW	Q16	22.35	22.35	22.19	23.00
15	1	LOW	64QAM	22.28	22.30	22.18	23.00
		MID	64QAM	22.03	22.32	22.30	23.00
		HIGH	64QAM	22.29	22.46	22.36	23.00
	36	LOW	64QAM	21.58	21.32	20.94	22.00
		MID	64QAM	21.23	21.40	21.28	22.00

8.3.8 LTE Band66 Output Power

LTE B66-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.91	23.95	23.89	24.80
		MID	QPSK	23.90	24.18	23.84	24.80
		HIGH	QPSK	24.07	24.15	23.84	24.80
	3	LOW	QPSK	24.02	24.17	23.81	24.80
		MID	QPSK	24.10	24.21	24.11	24.80
		HIGH	QPSK	23.90	23.98	23.88	24.80
	6	LOW	QPSK	23.05	23.10	23.12	23.80
1.4	1	LOW	Q16	23.39	23.49	23.25	23.80
		MID	Q16	23.37	23.43	23.44	23.80
		HIGH	Q16	23.60	23.60	23.55	23.80
	3	LOW	Q16	22.81	23.21	22.89	23.80
		MID	Q16	23.01	23.01	22.90	23.80
		HIGH	Q16	23.00	23.24	23.10	23.80
	6	LOW	Q16	21.96	22.11	22.15	22.80
1.4	1	LOW	64QAM	22.35	22.42	22.39	22.80
		MID	64QAM	22.57	22.62	22.43	22.80
		HIGH	64QAM	22.71	22.65	22.39	22.80
	3	LOW	64QAM	21.99	22.19	21.82	22.80
		MID	64QAM	21.89	22.07	21.89	22.80
		HIGH	64QAM	21.90	22.06	21.97	22.80
	6	LOW	64QAM	20.91	21.18	21.01	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	23.88	24.00	23.73	24.80
		MID	QPSK	23.89	24.07	24.05	24.80
		HIGH	QPSK	23.93	24.14	23.84	24.80
	8	LOW	QPSK	22.86	23.05	22.97	23.80
		MID	QPSK	23.06	23.13	22.88	23.80
		HIGH	QPSK	23.08	23.21	23.10	23.80
	15	LOW	QPSK	23.08	23.18	23.05	23.80
3	1	LOW	Q16	23.62	23.56	23.34	23.80
		MID	Q16	23.59	23.54	23.19	23.80
		HIGH	Q16	23.45	23.66	23.47	23.80
	8	LOW	Q16	22.02	22.04	22.05	22.80
		MID	Q16	21.90	22.06	21.92	22.80
		HIGH	Q16	21.90	22.10	21.95	22.80
	15	LOW	Q16	22.03	22.15	22.14	22.80
3	1	LOW	64QAM	22.38	22.30	22.26	22.80
		MID	64QAM	22.44	22.61	22.42	22.80
		HIGH	64QAM	22.50	22.64	22.34	22.80
	8	LOW	64QAM	20.85	21.14	20.91	21.80
		MID	64QAM	21.01	21.00	21.00	21.80
		HIGH	64QAM	21.05	21.08	21.08	21.80
	15	LOW	64QAM	20.91	21.13	21.08	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.96	23.86	23.99	24.80
		MID	QPSK	23.98	24.14	23.84	24.80
		HIGH	QPSK	23.95	24.17	23.92	24.80
	12	LOW	QPSK	22.83	23.10	22.94	23.80
		MID	QPSK	22.94	23.05	23.07	23.80
		HIGH	QPSK	23.00	23.15	22.87	23.80
	25	LOW	QPSK	22.97	22.96	23.12	23.80
5	1	LOW	Q16	23.50	23.47	23.31	23.80
		MID	Q16	23.42	23.55	23.27	23.80
		HIGH	Q16	23.71	23.66	23.29	23.80
	12	LOW	Q16	22.09	22.17	21.90	22.80
		MID	Q16	22.05	22.16	21.88	22.80
		HIGH	Q16	22.08	22.09	22.12	22.80
	25	LOW	Q16	21.90	21.97	22.01	22.80
5	1	LOW	64QAM	22.42	22.45	22.20	22.80
		MID	64QAM	22.56	22.61	22.41	22.80
		HIGH	64QAM	22.65	22.63	22.36	22.80
	12	LOW	64QAM	21.06	20.98	20.82	21.80
		MID	64QAM	21.09	21.18	21.09	21.80
		HIGH	64QAM	21.08	21.27	21.12	21.80
	25	LOW	64QAM	21.18	20.98	20.93	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	23.77	24.00	23.73	24.80
		MID	QPSK	23.91	24.23	23.96	24.80
		HIGH	QPSK	23.91	24.01	23.86	24.80
	25	LOW	QPSK	22.89	22.91	22.97	23.80
		MID	QPSK	23.06	22.99	23.08	23.80
		HIGH	QPSK	23.11	23.08	23.12	23.80
	50	LOW	QPSK	23.10	22.94	22.89	23.80
10	1	LOW	Q16	23.35	23.52	23.47	23.80
		MID	Q16	23.38	23.60	23.33	23.80
		HIGH	Q16	23.62	23.43	23.36	23.80
	25	LOW	Q16	22.11	22.01	22.00	22.80
		MID	Q16	21.88	22.08	21.84	22.80
		HIGH	Q16	22.12	22.12	21.92	22.80
	50	LOW	Q16	22.01	21.95	22.02	22.80
10	1	LOW	64QAM	22.47	22.30	22.36	22.80
		MID	64QAM	22.57	22.51	22.21	22.80
		HIGH	64QAM	22.65	22.53	22.40	22.80
	25	LOW	64QAM	20.88	21.21	20.84	21.80
		MID	64QAM	20.91	20.93	21.09	21.80
		HIGH	64QAM	21.04	21.18	20.92	21.80
	50	LOW	64QAM	21.15	21.20	20.99	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	23.74	23.81	23.98	24.80
		MID	QPSK	23.90	24.15	24.03	24.80
		HIGH	QPSK	24.15	23.99	23.76	24.80
	36	LOW	QPSK	22.97	23.08	22.79	23.80
		MID	QPSK	23.14	22.99	23.07	23.80
		HIGH	QPSK	23.17	23.19	23.14	23.80
	75	LOW	QPSK	22.98	23.20	23.12	23.80
15	1	LOW	Q16	23.43	23.36	23.34	23.80
		MID	Q16	23.52	23.47	23.26	23.80
		HIGH	Q16	23.65	23.71	23.27	23.80
	36	LOW	Q16	21.81	22.17	21.84	22.80
		MID	Q16	22.04	21.94	21.89	22.80
		HIGH	Q16	21.98	21.98	22.12	22.80
	75	LOW	Q16	22.00	22.06	22.01	22.80
15	1	LOW	64QAM	22.34	22.38	22.40	22.80
		MID	64QAM	22.40	22.48	22.37	22.80
		HIGH	64QAM	22.48	22.55	22.26	22.80
	36	LOW	64QAM	20.87	21.15	20.98	21.80
		MID	64QAM	20.94	21.00	20.94	21.80
		HIGH	64QAM	21.00	20.98	21.06	21.80
	75	LOW	64QAM	21.02	21.14	21.09	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.87	23.95	23.86	24.80
		MID	QPSK	23.91	24.10	23.90	24.80
		HIGH	QPSK	24.03	24.08	23.91	24.80
	50	LOW	QPSK	22.92	23.03	22.93	23.80
		MID	QPSK	23.01	23.06	22.99	23.80
		HIGH	QPSK	23.03	23.12	23.01	23.80
	100	LOW	QPSK	23.01	23.06	23.03	23.80
20	1	LOW	Q16	23.49	23.43	23.33	23.80
		MID	Q16	23.46	23.47	23.33	23.80
		HIGH	Q16	23.60	23.57	23.41	23.80
	50	LOW	Q16	21.96	22.06	21.92	22.80
		MID	Q16	22.03	22.08	21.98	22.80
		HIGH	Q16	22.03	22.13	21.99	22.80
	100	LOW	Q16	22.04	22.06	22.01	22.80
20	1	LOW	64QAM	22.54	22.30	22.47	22.80
		MID	64QAM	22.42	22.48	22.41	22.80
		HIGH	64QAM	22.67	22.63	22.45	22.80
	50	LOW	64QAM	20.99	21.04	21.04	21.80
		MID	64QAM	20.99	20.99	21.05	21.80
		HIGH	64QAM	20.99	21.21	21.13	21.80
	100	LOW	64QAM	20.92	21.17	21.12	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	14.52	14.61	14.54	15.80
		MID	QPSK	14.42	14.58	14.71	15.80
		HIGH	QPSK	14.65	14.54	14.63	15.80
	3	LOW	QPSK	14.55	14.52	14.71	15.80
		MID	QPSK	14.57	14.71	14.67	15.80
		HIGH	QPSK	14.78	14.88	14.80	15.80
	6	LOW	QPSK	14.56	14.75	14.73	15.80
1.4	1	LOW	Q16	14.80	14.88	14.55	15.80
		MID	Q16	14.88	14.93	14.60	15.80
		HIGH	Q16	14.91	14.70	**14.84**	15.80
	3	LOW	Q16	14.60	14.52	14.45	15.80
		MID	Q16	14.77	14.70	14.69	15.80
		HIGH	Q16	14.61	14.65	14.56	15.80
	6	LOW	Q16	14.65	14.63	14.64	15.80
1.4	1	LOW	64QAM	14.85	14.88	14.70	15.80
		MID	64QAM	14.93	14.84	14.56	15.80
		HIGH	64QAM	14.84	14.82	14.62	15.80
	3	LOW	64QAM	14.49	14.59	14.52	15.80
		MID	64QAM	14.67	14.73	14.69	15.80
		HIGH	64QAM	14.52	14.86	14.55	15.80
	6	LOW	64QAM	14.76	14.52	14.57	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	14.52	14.56	14.65	15.80
		MID	QPSK	14.52	14.81	14.64	15.80
		HIGH	QPSK	14.55	14.62	14.53	15.80
	8	LOW	QPSK	14.40	14.72	14.70	15.80
		MID	QPSK	14.59	14.76	14.78	15.80
		HIGH	QPSK	14.72	14.80	**14.85**	15.80
	15	LOW	QPSK	14.77	14.64	14.55	15.80
3	1	LOW	Q16	14.77	14.65	14.55	15.80
		MID	Q16	14.81	14.86	14.56	15.80
		HIGH	Q16	14.90	14.65	14.73	15.80
	8	LOW	Q16	14.71	14.52	14.55	15.80
		MID	Q16	14.74	14.56	14.62	15.80
		HIGH	Q16	14.69	14.77	14.64	15.80
	15	LOW	Q16	14.77	14.59	14.59	15.80
3	1	LOW	64QAM	14.71	14.66	14.53	15.80
		MID	64QAM	14.85	14.91	14.67	15.80
		HIGH	64QAM	14.89	14.72	14.77	15.80
	8	LOW	64QAM	14.44	14.78	14.50	15.80
		MID	64QAM	14.66	14.72	14.79	15.80
		HIGH	64QAM	14.54	14.63	14.76	15.80
	15	LOW	64QAM	14.77	14.52	14.83	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	14.62	14.68	14.64	15.80
		MID	QPSK	14.71	14.55	14.69	15.80
		HIGH	QPSK	14.55	14.67	14.73	15.80
	12	LOW	QPSK	14.47	14.62	14.54	15.80
		MID	QPSK	14.77	14.69	14.64	15.80
		HIGH	QPSK	14.68	14.67	**14.88**	15.80
	25	LOW	QPSK	14.68	14.72	14.50	15.80
5	1	LOW	Q16	14.92	14.86	14.72	15.80
		MID	Q16	14.92	14.65	14.56	15.80
		HIGH	Q16	14.96	14.65	14.67	15.80
	12	LOW	Q16	14.50	14.59	14.61	15.80
		MID	Q16	14.69	14.73	14.51	15.80
		HIGH	Q16	14.79	14.76	14.69	15.80
	25	LOW	Q16	14.73	14.54	14.76	15.80
5	1	LOW	64QAM	14.87	14.77	14.63	15.80
		MID	64QAM	14.78	14.73	14.71	15.80
		HIGH	64QAM	14.74	14.81	14.77	15.80
	12	LOW	64QAM	14.58	14.65	14.50	15.80
		MID	64QAM	14.79	14.55	14.51	15.80
		HIGH	64QAM	14.69	14.76	14.51	15.80
	25	LOW	64QAM	14.83	14.52	14.65	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	14.57	14.52	**14.54**	15.80
		MID	QPSK	14.44	14.55	14.46	15.80
		HIGH	QPSK	14.71	14.58	14.60	15.80
	25	LOW	QPSK	14.52	14.77	14.61	15.80
		MID	QPSK	14.75	14.52	14.59	15.80
		HIGH	QPSK	14.53	14.68	**14.81**	15.80
	50	LOW	QPSK	14.63	14.59	14.71	15.80
10	1	LOW	Q16	14.93	14.81	14.70	15.80
		MID	Q16	14.88	14.79	14.80	15.80
		HIGH	Q16	14.92	14.68	14.71	15.80
	25	LOW	Q16	14.52	14.55	14.43	15.80
		MID	Q16	14.60	14.63	14.51	15.80
		HIGH	Q16	14.61	14.72	**14.81**	15.80
	50	LOW	Q16	14.73	14.64	14.73	15.80
10	1	LOW	64QAM	14.86	14.79	14.52	15.80
		MID	64QAM	14.70	14.89	14.53	15.80
		HIGH	64QAM	14.71	14.72	14.67	15.80
	25	LOW	64QAM	14.62	14.55	14.53	15.80
		MID	64QAM	14.58	14.78	14.73	15.80
		HIGH	64QAM	14.79	14.67	14.57	15.80
	50	LOW	64QAM	14.67	14.59	14.65	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	14.50	14.55	14.63	15.80
		MID	QPSK	14.63	14.64	14.66	15.80
		HIGH	QPSK	14.67	14.70	14.67	15.80
	36	LOW	QPSK	14.48	14.73	14.66	15.80
		MID	QPSK	14.60	14.66	14.73	15.80
		HIGH	QPSK	14.77	14.79	14.70	15.80
	75	LOW	QPSK	14.61	14.71	14.59	15.80
15	1	LOW	Q16	14.92	14.72	14.61	15.80
		MID	Q16	14.87	14.64	14.52	15.80
		HIGH	Q16	14.77	14.71	14.61	15.80
	36	LOW	Q16	14.56	14.65	14.57	15.80
		MID	Q16	14.61	14.76	14.73	15.80
		HIGH	Q16	14.67	14.91	14.76	15.80
	75	LOW	Q16	14.68	14.55	**14.82**	15.80
15	1	LOW	64QAM	14.82	14.80	14.53	15.80
		MID	64QAM	14.72	14.93	14.61	15.80
		HIGH	64QAM	14.75	14.73	14.75	15.80
	36	LOW	64QAM	14.50	14.58	14.69	15.80
		MID	64QAM	14.59	14.66	14.57	15.80
		HIGH	64QAM	14.79	14.84	14.57	15.80
	75	LOW	64QAM	14.76	14.72	14.57	15.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	14.47	14.63	14.60	15.80
		MID	QPSK	14.57	**14.66**	14.58	15.80
		HIGH	QPSK	14.62	14.65	14.61	15.80
	50	LOW	QPSK	14.54	14.66	14.64	15.80
		MID	QPSK	14.65	14.66	14.67	15.80
		HIGH	QPSK	14.65	14.75	**14.76**	15.80
	100	LOW	QPSK	**14.65**	**14.65**	**14.65**	15.80
20	1	LOW	Q16	14.78	14.74	14.65	15.80
		MID	Q16	14.80	14.79	14.66	15.80
		HIGH	Q16	14.85	14.80	14.69	15.80
	50	LOW	Q16	14.59	14.65	14.54	15.80
		MID	Q16	14.69	14.66	14.64	15.80
		HIGH	Q16	14.67	14.77	14.66	15.80
	100	LOW	Q16	14.69	14.66	14.69	15.80
20	1	LOW	64QAM	14.64	14.85	14.57	15.80
		MID	64QAM	14.71	14.78	14.64	15.80
		HIGH	64QAM	14.78	14.85	**14.80**	15.80
	50	LOW	64QAM	14.54	14.72	14.48	15.80
		MID	64QAM	14.60	14.61	14.56	15.80
		HIGH	64QAM	14.63	14.75	14.74	15.80
	100	LOW	64QAM	14.64	14.62	14.66	15.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.95	18.86	18.93	20.30
		MID	QPSK	19.04	18.96	19.13	20.30
		HIGH	QPSK	19.19	19.15	18.91	20.30
	3	LOW	QPSK	18.90	19.10	19.14	20.30
		MID	QPSK	19.07	19.13	18.97	20.30
		HIGH	QPSK	19.11	19.15	19.12	20.30
	6	LOW	QPSK	18.98	19.21	19.27	20.30
1.4	1	LOW	Q16	19.07	19.37	19.18	20.30
		MID	Q16	19.23	19.20	19.10	20.30
		HIGH	Q16	19.07	19.49	19.07	20.30
	3	LOW	Q16	19.08	19.29	19.12	20.30
		MID	Q16	19.01	19.27	19.25	20.30
		HIGH	Q16	19.08	19.31	19.00	20.30
	6	LOW	Q16	19.15	19.13	19.14	20.30
1.4	1	LOW	64QAM	19.03	19.37	19.18	20.30
		MID	64QAM	19.30	19.49	19.10	20.30
		HIGH	64QAM	19.12	19.50	19.10	20.30
	3	LOW	64QAM	19.10	19.08	19.14	20.30
		MID	64QAM	19.24	19.21	19.27	20.30
		HIGH	64QAM	19.23	19.40	18.96	20.30
	6	LOW	64QAM	19.09	19.25	19.04	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	19.02	18.94	18.96	20.30
		MID	QPSK	18.96	19.25	19.07	20.30
		HIGH	QPSK	19.06	19.26	19.20	20.30
	8	LOW	QPSK	19.08	19.21	19.05	20.30
		MID	QPSK	19.26	19.17	19.10	20.30
		HIGH	QPSK	19.31	19.31	19.03	20.30
	15	LOW	QPSK	19.18	19.30	19.27	20.30
3	1	LOW	Q16	19.04	19.27	19.26	20.30
		MID	Q16	19.21	19.35	19.15	20.30
		HIGH	Q16	19.08	19.40	19.13	20.30
	8	LOW	Q16	18.90	19.05	18.93	20.30
		MID	Q16	19.20	19.25	19.18	20.30
		HIGH	Q16	19.11	19.12	19.06	20.30
	15	LOW	Q16	19.19	19.26	19.20	20.30
3	1	LOW	64QAM	19.25	19.36	19.36	20.30
		MID	64QAM	19.25	19.35	19.25	20.30
		HIGH	64QAM	19.06	19.31	19.17	20.30
	8	LOW	64QAM	18.91	19.18	19.10	20.30
		MID	64QAM	19.07	19.22	19.16	20.30
		HIGH	64QAM	19.02	19.10	19.13	20.30
	15	LOW	64QAM	19.19	19.09	19.12	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.89	19.04	19.00	20.30
		MID	QPSK	18.85	19.08	19.10	20.30
		HIGH	QPSK	18.96	19.29	18.99	20.30
	12	LOW	QPSK	18.97	19.06	19.13	20.30
		MID	QPSK	19.01	19.01	18.97	20.30
		HIGH	QPSK	19.01	19.10	19.21	20.30
	25	LOW	QPSK	19.12	19.07	19.15	20.30
5	1	LOW	Q16	19.00	19.37	19.31	20.30
		MID	Q16	19.11	19.34	19.21	20.30
		HIGH	Q16	19.17	19.33	19.31	20.30
	12	LOW	Q16	19.18	19.27	18.91	20.30
		MID	Q16	18.99	19.12	19.04	20.30
		HIGH	Q16	19.18	19.19	19.00	20.30
	25	LOW	Q16	19.09	19.23	19.01	20.30
5	1	LOW	64QAM	19.16	19.15	19.36	20.30
		MID	64QAM	19.10	19.25	19.24	20.30
		HIGH	64QAM	19.08	19.46	19.25	20.30
	12	LOW	64QAM	19.00	19.02	19.20	20.30
		MID	64QAM	19.09	19.24	19.24	20.30
		HIGH	64QAM	19.07	19.28	19.03	20.30
	25	LOW	64QAM	19.20	19.23	19.08	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.93	18.98	18.92	20.30
		MID	QPSK	19.03	18.95	19.03	20.30
		HIGH	QPSK	19.15	19.24	19.07	20.30
	25	LOW	QPSK	19.04	19.13	18.92	20.30
		MID	QPSK	19.26	19.06	19.25	20.30
		HIGH	QPSK	19.08	19.11	19.00	20.30
	50	LOW	QPSK	19.02	19.19	19.17	20.30
10	1	LOW	Q16	19.20	19.24	19.20	20.30
		MID	Q16	19.30	19.40	19.08	20.30
		HIGH	Q16	19.27	19.41	19.11	20.30
	25	LOW	Q16	19.00	19.19	18.98	20.30
		MID	Q16	19.11	19.26	19.15	20.30
		HIGH	Q16	19.29	19.14	18.99	20.30
	50	LOW	Q16	19.23	19.32	19.23	20.30
10	1	LOW	64QAM	19.24	19.18	19.18	20.30
		MID	64QAM	19.03	19.25	19.03	20.30
		HIGH	64QAM	19.20	19.58	19.11	20.30
	25	LOW	64QAM	18.96	19.20	18.96	20.30
		MID	64QAM	19.04	19.29	19.11	20.30
		HIGH	64QAM	19.27	19.29	19.05	20.30
	50	LOW	64QAM	19.23	19.12	18.99	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.90	18.84	18.93	20.30
		MID	QPSK	19.01	19.06	19.17	20.30
		HIGH	QPSK	19.23	19.23	19.16	20.30
	36	LOW	QPSK	18.95	19.20	19.15	20.30
		MID	QPSK	19.21	19.23	19.03	20.30
		HIGH	QPSK	19.07	19.32	19.14	20.30
	75	LOW	QPSK	19.16	19.13	19.02	20.30
15	1	LOW	Q16	19.26	19.22	19.25	20.30
		MID	Q16	19.15	19.20	19.07	20.30
		HIGH	Q16	19.22	19.54	19.28	20.30
	36	LOW	Q16	18.94	19.29	19.01	20.30
		MID	Q16	19.08	19.17	19.27	20.30
		HIGH	Q16	19.03	19.39	18.96	20.30
	75	LOW	Q16	19.19	19.07	19.05	20.30
15	1	LOW	64QAM	19.26	19.23	19.22	20.30
		MID	64QAM	19.17	19.25	19.14	20.30
		HIGH	64QAM	19.22	19.35	19.09	20.30
	36	LOW	64QAM	19.11	19.02	19.15	20.30
		MID	64QAM	19.19	19.06	19.27	20.30
		HIGH	64QAM	19.16	19.32	19.20	20.30
	75	LOW	64QAM	19.24	19.19	19.06	20.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.90	18.99	18.98	20.30
		MID	QPSK	18.97	19.10	19.08	20.30
		HIGH	QPSK	19.08	**19.17**	19.06	20.30
	50	LOW	QPSK	19.03	19.15	19.00	20.30
		MID	QPSK	19.15	19.15	19.12	20.30
		HIGH	QPSK	19.16	**19.20**	19.09	20.30
	100	LOW	QPSK	19.13	**19.15**	19.12	20.30
20	1	LOW	Q16	19.12	19.25	19.22	20.30
		MID	Q16	19.15	19.34	19.11	20.30
		HIGH	Q16	19.21	19.43	19.21	20.30
	50	LOW	Q16	19.05	19.16	19.05	20.30
		MID	Q16	19.12	19.21	19.14	20.30
		HIGH	Q16	19.14	19.25	19.11	20.30
	100	LOW	Q16	19.14	19.18	19.12	20.30
20	1	LOW	64QAM	19.01	19.19	19.07	20.30
		MID	64QAM	19.17	19.33	19.18	20.30
		HIGH	64QAM	19.13	19.53	19.13	20.30
	50	LOW	64QAM	18.90	19.03	19.03	20.30
		MID	64QAM	19.00	19.21	19.05	20.30
		HIGH	64QAM	19.22	19.26	19.06	20.30
	100	LOW	64QAM	19.25	19.31	19.21	20.30

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.74	23.82	23.78	24.80
		MID	QPSK	24.08	24.16	23.79	24.80
		HIGH	QPSK	24.13	24.18	23.79	24.80
	3	LOW	QPSK	23.70	23.85	23.82	24.80
		MID	QPSK	24.16	24.03	23.84	24.80
		HIGH	QPSK	24.24	24.28	23.87	24.80
	6	LOW	QPSK	23.17	22.90	23.06	23.80
1.4	1	LOW	Q16	23.54	23.37	23.37	23.80
		MID	Q16	23.35	23.41	23.50	23.80
		HIGH	Q16	23.62	23.55	23.53	23.80
	3	LOW	Q16	22.81	23.10	23.05	23.80
		MID	Q16	23.02	23.27	23.08	23.80
		HIGH	Q16	22.97	23.26	22.87	23.80
	6	LOW	Q16	21.95	22.21	22.05	22.80
1.4	1	LOW	64QAM	22.31	22.36	22.39	22.80
		MID	64QAM	22.60	22.55	22.27	22.80
		HIGH	64QAM	22.48	22.50	22.48	22.80
	3	LOW	64QAM	22.03	22.08	21.82	22.80
		MID	64QAM	22.02	22.25	21.97	22.80
		HIGH	64QAM	22.08	22.02	21.91	22.80
	6	LOW	64QAM	21.01	21.02	20.95	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	23.95	23.93	23.90	24.80
		MID	QPSK	23.86	24.03	23.90	24.80
		HIGH	QPSK	23.96	24.16	23.93	24.80
	8	LOW	QPSK	22.81	22.92	22.89	23.80
		MID	QPSK	22.98	23.15	23.08	23.80
		HIGH	QPSK	22.98	23.16	23.03	23.80
	15	LOW	QPSK	23.04	23.13	23.01	23.80
3	1	LOW	Q16	23.43	23.55	23.41	23.80
		MID	Q16	23.46	23.59	23.51	23.80
		HIGH	Q16	23.71	23.55	23.40	23.80
	8	LOW	Q16	21.95	22.13	22.00	22.80
		MID	Q16	22.02	22.18	21.88	22.80
		HIGH	Q16	22.07	22.21	22.06	22.80
	15	LOW	Q16	21.93	22.22	21.92	22.80
3	1	LOW	64QAM	22.46	22.54	22.18	22.80
		MID	64QAM	22.45	22.63	22.54	22.80
		HIGH	64QAM	22.45	22.55	22.25	22.80
	8	LOW	64QAM	20.79	20.99	20.96	21.80
		MID	64QAM	21.03	20.97	21.04	21.80
		HIGH	64QAM	20.98	21.29	20.85	21.80
	15	LOW	64QAM	20.94	21.18	21.18	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	23.91	24.03	23.81	24.80
		MID	QPSK	23.97	24.10	23.87	24.80
		HIGH	QPSK	24.07	24.16	23.91	24.80
	12	LOW	QPSK	22.98	22.97	22.88	23.80
		MID	QPSK	22.89	23.21	22.87	23.80
		HIGH	QPSK	23.11	23.07	23.13	23.80
	25	LOW	QPSK	23.02	22.91	23.16	23.80
5	1	LOW	Q16	23.54	23.57	23.44	23.80
		MID	Q16	23.34	23.38	23.47	23.80
		HIGH	Q16	23.45	23.56	23.32	23.80
	12	LOW	Q16	21.82	22.07	22.01	22.80
		MID	Q16	22.03	22.22	22.13	22.80
		HIGH	Q16	22.07	22.24	22.06	22.80
	25	LOW	Q16	21.97	22.02	22.01	22.80
5	1	LOW	64QAM	22.48	22.48	22.37	22.80
		MID	64QAM	22.56	22.55	22.38	22.80
		HIGH	64QAM	22.50	22.41	22.34	22.80
	12	LOW	64QAM	20.85	20.97	20.80	21.80
		MID	64QAM	20.92	21.25	21.03	21.80
		HIGH	64QAM	21.08	21.28	20.89	21.80
	25	LOW	64QAM	21.17	21.09	21.14	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.87	23.92	24.80
		MID	QPSK	23.88	24.23	24.00	24.80
		HIGH	QPSK	23.89	24.16	24.05	24.80
	25	LOW	QPSK	22.80	22.93	22.94	23.80
		MID	QPSK	23.09	22.95	22.92	23.80
		HIGH	QPSK	22.97	23.10	22.98	23.80
	50	LOW	QPSK	23.09	23.07	23.02	23.80
10	1	LOW	Q16	23.56	23.46	23.37	23.80
		MID	Q16	23.35	23.54	23.29	23.80
		HIGH	Q16	23.51	23.43	23.37	23.80
	25	LOW	Q16	21.82	22.15	22.00	22.80
		MID	Q16	22.18	22.17	22.13	22.80
		HIGH	Q16	22.10	22.09	21.94	22.80
	50	LOW	Q16	22.19	22.08	22.15	22.80
10	1	LOW	64QAM	22.41	22.44	22.20	22.80
		MID	64QAM	22.47	22.50	22.27	22.80
		HIGH	64QAM	22.59	22.46	22.45	22.80
	25	LOW	64QAM	20.91	21.19	21.01	21.80
		MID	64QAM	20.95	21.14	21.17	21.80
		HIGH	64QAM	21.02	21.00	21.02	21.80
	50	LOW	64QAM	21.01	21.09	21.06	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	24.00	23.80	23.94	24.80
		MID	QPSK	24.01	24.09	23.85	24.80
		HIGH	QPSK	24.00	23.95	23.99	24.80
	36	LOW	QPSK	23.00	23.13	22.92	23.80
		MID	QPSK	22.94	22.97	23.10	23.80
		HIGH	QPSK	23.17	23.06	23.08	23.80
	75	LOW	QPSK	23.16	22.96	23.15	23.80
15	1	LOW	Q16	23.44	23.57	23.35	23.80
		MID	Q16	23.48	23.56	23.34	23.80
		HIGH	Q16	23.61	23.60	23.42	23.80
	36	LOW	Q16	21.98	21.98	22.03	22.80
		MID	Q16	22.01	22.15	21.88	22.80
		HIGH	Q16	22.07	22.02	21.89	22.80
	75	LOW	Q16	22.17	22.03	22.14	22.80
15	1	LOW	64QAM	22.31	22.56	22.19	22.80
		MID	64QAM	22.46	22.60	22.30	22.80
		HIGH	64QAM	22.71	22.70	22.31	22.80
	36	LOW	64QAM	20.81	21.16	20.84	21.80
		MID	64QAM	21.09	21.04	21.16	21.80
		HIGH	64QAM	20.99	21.13	21.15	21.80
	75	LOW	64QAM	21.02	21.03	21.17	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.87	23.95	23.88	24.80
		MID	QPSK	23.94	24.10	23.90	24.80
		HIGH	QPSK	24.02	24.09	23.92	24.80
	50	LOW	QPSK	22.93	23.03	22.90	23.80
		MID	QPSK	23.03	23.07	23.02	23.80
		HIGH	QPSK	23.05	23.13	23.00	23.80
	100	LOW	QPSK	23.03	23.03	23.03	23.80
20	1	LOW	Q16	23.42	23.45	23.33	23.80
		MID	Q16	23.48	23.48	23.39	23.80
		HIGH	Q16	23.57	23.55	23.38	23.80
	50	LOW	Q16	21.93	22.10	21.91	22.80
		MID	Q16	22.06	22.12	22.02	22.80
		HIGH	Q16	22.07	22.15	22.00	22.80
	100	LOW	Q16	22.04	22.07	22.05	22.80
20	1	LOW	64QAM	22.54	22.33	22.45	22.80
		MID	64QAM	22.50	22.40	22.37	22.80
		HIGH	64QAM	22.50	22.44	22.53	22.80
	50	LOW	64QAM	20.81	21.12	20.85	21.80
		MID	64QAM	20.94	21.26	21.16	21.80
		HIGH	64QAM	21.03	21.04	20.91	21.80
	100	LOW	64QAM	21.11	21.10	21.20	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.74	23.82	23.78	24.80
		MID	QPSK	24.08	24.16	23.79	24.80
		HIGH	QPSK	24.13	24.18	23.79	24.80
	3	LOW	QPSK	23.70	23.85	23.82	24.80
		MID	QPSK	24.16	24.03	23.84	24.80
		HIGH	QPSK	24.24	24.28	**23.87**	24.80
	6	LOW	QPSK	23.17	22.90	23.06	23.80
1.4	1	LOW	Q16	23.54	23.37	23.37	23.80
		MID	Q16	23.35	23.41	23.50	23.80
		HIGH	Q16	23.62	23.55	23.53	23.80
	3	LOW	Q16	22.81	23.10	23.05	23.80
		MID	Q16	23.02	23.27	23.08	23.80
		HIGH	Q16	22.97	23.26	22.87	23.80
	6	LOW	Q16	21.95	22.21	22.05	22.80
1.4	1	LOW	64QAM	22.31	22.36	22.39	22.80
		MID	64QAM	22.60	22.55	22.27	22.80
		HIGH	64QAM	22.48	22.50	22.48	22.80
	3	LOW	64QAM	22.03	22.08	21.82	22.80
		MID	64QAM	22.02	22.25	21.97	22.80
		HIGH	64QAM	22.08	22.02	21.91	22.80
	6	LOW	64QAM	21.01	21.02	20.95	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	23.95	23.93	23.90	24.80
		MID	QPSK	23.86	24.03	23.90	24.80
		HIGH	QPSK	23.96	24.16	**23.93**	24.80
	8	LOW	QPSK	22.81	22.92	22.89	23.80
		MID	QPSK	22.98	23.15	23.08	23.80
		HIGH	QPSK	22.98	23.16	23.03	23.80
	15	LOW	QPSK	23.04	23.13	23.01	23.80
3	1	LOW	Q16	23.43	23.55	23.41	23.80
		MID	Q16	23.46	23.59	23.51	23.80
		HIGH	Q16	23.71	23.55	23.40	23.80
	8	LOW	Q16	21.95	22.13	22.00	22.80
		MID	Q16	22.02	22.18	21.88	22.80
		HIGH	Q16	22.07	22.21	22.06	22.80
	15	LOW	Q16	21.93	22.22	21.92	22.80
3	1	LOW	64QAM	22.46	22.54	22.18	22.80
		MID	64QAM	22.45	22.63	22.54	22.80
		HIGH	64QAM	22.45	22.55	22.25	22.80
	8	LOW	64QAM	20.79	20.99	20.96	21.80
		MID	64QAM	21.03	20.97	21.04	21.80
		HIGH	64QAM	20.98	21.29	20.85	21.80
	15	LOW	64QAM	20.94	21.18	21.18	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	23.91	24.03	23.81	24.80
		MID	QPSK	23.97	24.10	23.87	24.80
		HIGH	QPSK	24.07	24.16	**23.91**	24.80
	12	LOW	QPSK	22.98	22.97	22.88	23.80
		MID	QPSK	22.89	23.21	22.87	23.80
		HIGH	QPSK	23.11	23.07	23.13	23.80
	25	LOW	QPSK	23.02	22.91	23.16	23.80
5	1	LOW	Q16	23.54	23.57	23.44	23.80
		MID	Q16	23.34	23.38	23.47	23.80
		HIGH	Q16	23.45	23.56	23.32	23.80
	12	LOW	Q16	21.82	22.07	22.01	22.80
		MID	Q16	22.03	22.22	22.13	22.80
		HIGH	Q16	22.07	22.24	22.06	22.80
	25	LOW	Q16	21.97	22.02	22.01	22.80
5	1	LOW	64QAM	22.48	22.48	22.37	22.80
		MID	64QAM	22.56	22.55	22.38	22.80
		HIGH	64QAM	22.50	22.41	22.34	22.80
	12	LOW	64QAM	20.85	20.97	20.80	21.80
		MID	64QAM	20.92	21.25	21.03	21.80
		HIGH	64QAM	21.08	21.28	20.89	21.80
	25	LOW	64QAM	21.17	21.09	21.14	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	23.80	23.87	23.92	24.80
		MID	QPSK	23.88	24.23	24.00	24.80
		HIGH	QPSK	23.89	24.16	**24.05**	24.80
	25	LOW	QPSK	22.80	22.93	22.94	23.80
		MID	QPSK	23.09	22.95	22.92	23.80
		HIGH	QPSK	22.97	23.10	22.98	23.80
	50	LOW	QPSK	23.09	23.07	23.02	23.80
10	1	LOW	Q16	23.56	23.46	23.37	23.80
		MID	Q16	23.35	23.54	23.29	23.80
		HIGH	Q16	23.51	23.43	23.37	23.80
	25	LOW	Q16	21.82	22.15	22.00	22.80
		MID	Q16	22.18	22.17	22.13	22.80
		HIGH	Q16	22.10	22.09	21.94	22.80
	50	LOW	Q16	22.19	22.08	22.15	22.80
10	1	LOW	64QAM	22.41	22.44	22.20	22.80
		MID	64QAM	22.47	22.50	22.27	22.80
		HIGH	64QAM	22.59	22.46	22.45	22.80
	25	LOW	64QAM	20.91	21.19	21.01	21.80
		MID	64QAM	20.95	21.14	21.17	21.80
		HIGH	64QAM	21.02	21.00	21.02	21.80
	50	LOW	64QAM	21.01	21.09	21.06	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	24.00	23.80	23.94	24.80
		MID	QPSK	24.01	24.09	23.85	24.80
		HIGH	QPSK	24.00	23.95	**23.99**	24.80
	36	LOW	QPSK	23.00	23.13	22.92	23.80
		MID	QPSK	22.94	22.97	23.10	23.80
		HIGH	QPSK	23.17	23.06	23.08	23.80
	75	LOW	QPSK	23.16	22.96	23.15	23.80
15	1	LOW	Q16	23.44	23.57	23.35	23.80
		MID	Q16	23.48	23.56	23.34	23.80
		HIGH	Q16	23.61	23.60	23.42	23.80
	36	LOW	Q16	21.98	21.98	22.03	22.80
		MID	Q16	22.01	22.15	21.88	22.80
		HIGH	Q16	22.07	22.02	21.89	22.80
	75	LOW	Q16	22.17	22.03	22.14	22.80
15	1	LOW	64QAM	22.31	22.56	22.19	22.80
		MID	64QAM	22.46	22.60	22.30	22.80
		HIGH	64QAM	22.71	22.70	22.31	22.80
	36	LOW	64QAM	20.81	21.16	20.84	21.80
		MID	64QAM	21.09	21.04	21.16	21.80
		HIGH	64QAM	20.99	21.13	21.15	21.80
	75	LOW	64QAM	21.02	21.03	21.17	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	23.87	23.95	23.88	24.80
		MID	QPSK	23.94	**24.10**	23.90	24.80
		HIGH	QPSK	24.02	24.09	23.92	24.80
	50	LOW	QPSK	22.93	23.03	22.90	23.80
		MID	QPSK	23.03	23.07	23.02	23.80
		HIGH	QPSK	23.05	**23.13**	23.00	23.80
	100	LOW	QPSK	**23.03**	**23.03**	**23.03**	23.80
20	1	LOW	Q16	23.42	23.45	23.33	23.80
		MID	Q16	23.48	23.48	**23.39**	23.80
		HIGH	Q16	23.57	23.55	23.38	23.80
	50	LOW	Q16	21.93	22.10	21.91	22.80
		MID	Q16	22.06	22.12	22.02	22.80
		HIGH	Q16	22.07	22.15	22.00	22.80
	100	LOW	Q16	22.04	22.07	22.05	22.80
20	1	LOW	64QAM	22.54	22.33	22.45	22.80
		MID	64QAM	22.50	22.40	22.37	22.80
		HIGH	64QAM	22.50	22.44	22.53	22.80
	50	LOW	64QAM	20.81	21.12	20.85	21.80
		MID	64QAM	20.94	21.26	21.16	21.80
		HIGH	64QAM	21.03	21.04	20.91	21.80
	100	LOW	64QAM	21.11	21.10	21.20	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.53	20.57	20.50	21.80
		MID	QPSK	20.66	20.76	20.61	21.80
		HIGH	QPSK	20.72	20.78	20.57	21.80
	3	LOW	QPSK	20.62	20.80	20.54	21.80
		MID	QPSK	20.85	20.76	20.73	21.80
		HIGH	QPSK	20.86	20.85	20.60	21.80
	6	LOW	QPSK	20.87	20.90	20.84	21.80
1.4	1	LOW	Q16	20.57	21.01	20.71	21.80
		MID	Q16	20.62	21.12	20.76	21.80
		HIGH	Q16	20.96	20.97	20.70	21.80
	3	LOW	Q16	20.72	20.91	20.74	21.80
		MID	Q16	20.61	20.83	20.67	21.80
		HIGH	Q16	20.80	20.90	20.89	21.80
	6	LOW	Q16	20.66	20.64	20.80	21.80
1.4	1	LOW	64QAM	20.64	20.91	20.74	21.80
		MID	64QAM	20.78	20.90	20.80	21.80
		HIGH	64QAM	20.84	21.08	20.72	21.80
	3	LOW	64QAM	20.58	20.66	20.60	21.80
		MID	64QAM	20.75	20.75	20.69	21.80
		HIGH	64QAM	20.81	21.01	20.73	21.80
	6	LOW	64QAM	20.67	20.77	20.81	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	20.54	20.56	20.63	21.80
		MID	QPSK	20.66	20.74	20.73	21.80
		HIGH	QPSK	20.73	20.78	20.64	21.80
	8	LOW	QPSK	20.57	20.74	20.59	21.80
		MID	QPSK	20.61	20.68	20.69	21.80
		HIGH	QPSK	20.78	20.96	20.71	21.80
	15	LOW	QPSK	20.77	20.64	20.85	21.80
3	1	LOW	Q16	20.77	20.97	20.86	21.80
		MID	Q16	20.63	20.99	20.58	21.80
		HIGH	Q16	20.75	21.22	20.61	21.80
	8	LOW	Q16	20.51	20.85	20.56	21.80
		MID	Q16	20.70	20.84	20.70	21.80
		HIGH	Q16	20.65	20.97	20.69	21.80
	15	LOW	Q16	20.63	20.73	20.64	21.80
3	1	LOW	64QAM	20.78	20.95	20.87	21.80
		MID	64QAM	20.81	20.91	20.57	21.80
		HIGH	64QAM	20.78	20.93	20.75	21.80
	8	LOW	64QAM	20.51	20.70	20.58	21.80
		MID	64QAM	20.67	20.93	20.70	21.80
		HIGH	64QAM	20.87	20.79	20.71	21.80
	15	LOW	64QAM	20.78	20.66	20.61	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	20.44	20.65	20.54	21.80
		MID	QPSK	20.62	20.76	20.53	21.80
		HIGH	QPSK	20.77	20.82	20.62	21.80
	12	LOW	QPSK	20.63	20.87	20.49	21.80
		MID	QPSK	20.60	20.89	20.69	21.80
		HIGH	QPSK	20.75	20.73	20.73	21.80
	25	LOW	QPSK	20.60	20.92	20.72	21.80
5	1	LOW	Q16	20.82	20.88	20.70	21.80
		MID	Q16	20.86	20.88	20.73	21.80
		HIGH	Q16	20.83	21.16	20.71	21.80
	12	LOW	Q16	20.53	20.88	20.60	21.80
		MID	Q16	20.59	20.86	20.84	21.80
		HIGH	Q16	20.84	20.78	20.71	21.80
	25	LOW	Q16	20.82	20.64	20.80	21.80
5	1	LOW	64QAM	20.71	21.07	20.88	21.80
		MID	64QAM	20.82	20.94	20.59	21.80
		HIGH	64QAM	20.83	21.20	20.63	21.80
	12	LOW	64QAM	20.50	20.93	20.77	21.80
		MID	64QAM	20.72	20.82	20.85	21.80
		HIGH	64QAM	20.59	20.95	20.88	21.80
	25	LOW	64QAM	20.89	20.68	20.59	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	20.70	20.67	20.50	21.80
		MID	QPSK	20.54	20.67	20.76	21.80
		HIGH	QPSK	20.56	20.72	20.81	21.80
	25	LOW	QPSK	20.55	20.78	20.63	21.80
		MID	QPSK	20.68	20.82	20.88	21.80
		HIGH	QPSK	20.91	20.89	20.79	21.80
	50	LOW	QPSK	20.66	20.64	20.70	21.80
10	1	LOW	Q16	20.59	20.88	20.84	21.80
		MID	Q16	20.61	20.93	20.61	21.80
		HIGH	Q16	20.88	21.13	20.87	21.80
	25	LOW	Q16	20.56	20.66	20.61	21.80
		MID	Q16	20.81	20.89	20.78	21.80
		HIGH	Q16	20.86	20.90	20.65	21.80
	50	LOW	Q16	20.82	20.67	20.71	21.80
10	1	LOW	64QAM	20.53	20.99	20.93	21.80
		MID	64QAM	20.89	20.99	20.81	21.80
		HIGH	64QAM	20.78	21.15	20.80	21.80
	25	LOW	64QAM	20.55	20.90	20.59	21.80
		MID	64QAM	20.65	20.89	20.92	21.80
		HIGH	64QAM	20.83	20.85	20.74	21.80
	50	LOW	64QAM	20.88	20.93	20.62	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	20.66	20.65	20.54	21.80
		MID	QPSK	20.42	20.71	20.77	21.80
		HIGH	QPSK	20.77	20.81	20.54	21.80
	36	LOW	QPSK	20.53	20.65	20.58	21.80
		MID	QPSK	20.75	20.67	20.80	21.80
		HIGH	QPSK	20.80	20.81	20.66	21.80
	75	LOW	QPSK	20.74	20.64	20.81	21.80
15	1	LOW	Q16	20.78	20.80	20.82	21.80
		MID	Q16	20.90	21.03	20.57	21.80
		HIGH	Q16	20.77	21.16	20.74	21.80
	36	LOW	Q16	20.52	20.80	20.59	21.80
		MID	Q16	20.82	20.84	20.76	21.80
		HIGH	Q16	20.88	20.86	20.78	21.80
	75	LOW	Q16	20.86	20.87	20.77	21.80
15	1	LOW	64QAM	20.57	20.89	20.90	21.80
		MID	64QAM	20.88	20.95	20.77	21.80
		HIGH	64QAM	20.94	21.16	20.65	21.80
	36	LOW	64QAM	20.63	20.85	20.61	21.80
		MID	64QAM	20.57	20.86	20.83	21.80
		HIGH	64QAM	20.64	20.78	20.79	21.80
	75	LOW	64QAM	20.64	20.64	20.64	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.57	20.62	20.65	21.80
		MID	QPSK	20.57	**20.75**	20.63	21.80
		HIGH	QPSK	20.70	**20.75**	20.66	21.80
	50	LOW	QPSK	20.62	20.77	20.62	21.80
		MID	QPSK	20.75	20.76	20.73	21.80
		HIGH	QPSK	20.78	**20.85**	20.73	21.80
	100	LOW	QPSK	20.74	**20.77**	20.74	21.80
20	1	LOW	Q16	20.68	20.92	20.82	21.80
		MID	Q16	20.75	21.02	20.70	21.80
		HIGH	Q16	20.90	21.07	20.74	21.80
	50	LOW	Q16	20.62	20.80	20.67	21.80
		MID	Q16	20.72	20.82	20.78	21.80
		HIGH	Q16	20.74	20.86	20.78	21.80
	100	LOW	Q16	20.76	20.79	20.73	21.80
20	1	LOW	64QAM	20.82	21.03	20.81	21.80
		MID	64QAM	20.65	21.08	20.82	21.80
		HIGH	64QAM	20.89	21.13	20.80	21.80
	50	LOW	64QAM	20.74	20.83	20.72	21.80
		MID	64QAM	20.61	20.88	20.69	21.80
		HIGH	64QAM	20.69	20.88	20.67	21.80
	100	LOW	64QAM	20.83	20.83	20.80	21.80

LTE B66-Full Power -Ant.1(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.76	22.82	22.79	24.00
		MID	QPSK	22.89	23.08	22.77	24.00
		HIGH	QPSK	23.11	23.06	22.74	24.00
	3	LOW	QPSK	23.12	23.16	22.88	24.00
		MID	QPSK	23.08	23.16	22.96	24.00
		HIGH	QPSK	22.75	22.83	22.86	24.00
	6	LOW	QPSK	23.10	22.95	23.11	24.00
1.4	1	LOW	Q16	23.34	23.43	23.02	23.80
		MID	Q16	23.25	23.14	23.33	23.80
		HIGH	Q16	23.37	23.32	23.36	23.80
	3	LOW	Q16	22.78	23.23	22.74	23.80
		MID	Q16	23.10	22.90	22.94	23.80
		HIGH	Q16	23.01	23.28	23.08	23.80
	6	LOW	Q16	21.93	22.06	21.98	23.80
1.4	1	LOW	64QAM	22.33	22.35	22.19	22.80
		MID	64QAM	22.36	22.36	22.15	22.80
		HIGH	64QAM	22.70	22.62	22.25	22.80
	3	LOW	64QAM	22.04	22.20	21.82	22.80
		MID	64QAM	21.87	22.17	21.73	22.80
		HIGH	64QAM	21.83	22.08	22.02	22.80
	6	LOW	64QAM	20.86	21.21	20.89	22.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.70	23.01	22.60	24.00
		MID	QPSK	22.96	23.00	23.11	24.00
		HIGH	QPSK	22.94	22.96	22.79	24.00
	8	LOW	QPSK	22.77	23.01	23.07	23.80
		MID	QPSK	22.89	23.06	22.75	23.80
		HIGH	QPSK	23.02	23.02	22.96	23.80
	15	LOW	QPSK	23.17	23.21	22.96	23.80
3	1	LOW	Q16	23.38	23.28	23.14	23.80
		MID	Q16	23.56	23.40	23.03	23.80
		HIGH	Q16	23.29	23.61	23.32	23.80
	8	LOW	Q16	21.88	21.86	21.96	22.80
		MID	Q16	21.85	22.12	21.79	22.80
		HIGH	Q16	21.74	22.16	21.86	22.80
	15	LOW	Q16	22.07	22.13	22.07	22.80
3	1	LOW	64QAM	22.23	22.12	22.10	22.80
		MID	64QAM	22.19	22.35	22.33	22.80
		HIGH	64QAM	22.22	22.47	22.12	22.80
	8	LOW	64QAM	20.74	21.23	20.93	21.80
		MID	64QAM	21.01	20.89	21.04	21.80
		HIGH	64QAM	21.01	21.16	21.11	21.80
	15	LOW	64QAM	20.75	21.03	21.18	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	23.03	22.82	22.88	24.00
		MID	QPSK	23.03	23.07	22.73	24.00
		HIGH	QPSK	23.00	23.14	22.75	24.00
	12	LOW	QPSK	22.91	23.05	22.82	23.80
		MID	QPSK	22.83	22.86	23.05	23.80
		HIGH	QPSK	23.00	23.12	22.83	23.80
	25	LOW	QPSK	22.79	22.83	23.11	23.80
5	1	LOW	Q16	23.34	23.19	23.19	23.80
		MID	Q16	23.40	23.42	22.99	23.80
		HIGH	Q16	23.50	23.44	23.28	23.80
	12	LOW	Q16	22.08	21.99	21.71	22.80
		MID	Q16	21.98	22.11	21.73	22.80
		HIGH	Q16	21.96	22.14	22.12	22.80
	25	LOW	Q16	21.91	22.02	21.96	22.80
5	1	LOW	64QAM	22.28	22.27	22.06	22.80
		MID	64QAM	22.49	22.41	22.24	22.80
		HIGH	64QAM	22.36	22.43	22.24	22.80
	12	LOW	64QAM	20.99	20.98	20.67	21.80
		MID	64QAM	21.11	21.05	21.11	21.80
		HIGH	64QAM	20.92	21.09	20.98	21.80
	25	LOW	64QAM	21.18	20.94	20.75	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.66	22.82	22.68	24.00
		MID	QPSK	22.91	23.05	22.80	24.00
		HIGH	QPSK	22.92	23.09	22.89	24.00
	25	LOW	QPSK	22.79	22.85	22.95	23.80
		MID	QPSK	22.94	22.90	23.12	23.80
		HIGH	QPSK	23.09	23.02	22.99	23.80
	50	LOW	QPSK	23.15	22.82	22.78	23.80
10	1	LOW	Q16	23.13	23.43	23.42	23.80
		MID	Q16	23.27	23.42	23.08	23.80
		HIGH	Q16	23.60	23.43	23.15	23.80
	25	LOW	Q16	22.05	22.09	21.87	22.80
		MID	Q16	21.86	22.13	21.90	22.80
		HIGH	Q16	21.98	22.14	21.86	22.80
	50	LOW	Q16	22.03	21.79	21.89	22.80
10	1	LOW	64QAM	22.44	22.05	22.10	22.80
		MID	64QAM	22.48	22.32	22.00	22.80
		HIGH	64QAM	22.55	22.39	22.15	22.80
	25	LOW	64QAM	20.78	21.16	20.90	21.80
		MID	64QAM	20.84	20.97	21.03	21.80
		HIGH	64QAM	20.87	21.09	20.91	21.80
	50	LOW	64QAM	21.23	21.18	21.08	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.79	22.83	22.95	24.00
		MID	QPSK	22.71	23.02	23.04	24.00
		HIGH	QPSK	23.25	23.09	22.72	24.00
	36	LOW	QPSK	22.85	22.93	22.72	23.80
		MID	QPSK	23.14	22.97	23.12	23.80
		HIGH	QPSK	23.21	23.10	22.98	23.80
	75	LOW	QPSK	22.96	23.25	23.00	23.80
15	1	LOW	Q16	23.39	23.17	23.31	23.80
		MID	Q16	23.51	23.19	23.03	23.80
		HIGH	Q16	23.63	23.53	23.15	23.80
	36	LOW	Q16	21.69	22.12	21.70	22.80
		MID	Q16	21.85	21.89	21.84	22.80
		HIGH	Q16	22.08	21.98	22.13	22.80
	75	LOW	Q16	21.95	22.15	22.11	22.80
15	1	LOW	64QAM	22.09	22.15	22.34	22.80
		MID	64QAM	22.31	22.31	22.21	22.80
		HIGH	64QAM	22.46	22.30	22.11	22.80
	36	LOW	64QAM	20.76	20.96	20.89	21.80
		MID	64QAM	20.96	20.91	20.92	21.80
		HIGH	64QAM	20.99	21.07	21.14	21.80
	75	LOW	64QAM	20.84	20.98	21.14	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.96	22.91	22.91	24.00
		MID	QPSK	22.94	22.97	22.79	24.00
		HIGH	QPSK	22.97	23.02	22.94	24.00
	50	LOW	QPSK	22.80	22.87	22.81	23.80
		MID	QPSK	22.82	23.12	23.08	23.80
		HIGH	QPSK	23.01	22.95	22.90	23.80
	100	LOW	QPSK	22.95	23.07	22.94	23.80
20	1	LOW	Q16	23.34	23.30	23.15	23.80
		MID	Q16	23.39	23.20	23.18	23.80
		HIGH	Q16	23.51	23.31	23.15	23.80
	50	LOW	Q16	21.83	21.87	21.88	22.80
		MID	Q16	21.89	21.95	21.84	22.80
		HIGH	Q16	21.86	21.99	21.96	22.80
	100	LOW	Q16	22.01	22.04	22.06	22.80
20	1	LOW	64QAM	22.42	22.08	22.33	22.80
		MID	64QAM	22.19	22.37	22.21	22.80
		HIGH	64QAM	22.62	22.54	22.21	22.80
	50	LOW	64QAM	20.87	21.07	20.86	21.80
		MID	64QAM	20.95	21.09	20.90	21.80
		HIGH	64QAM	21.03	21.07	21.10	21.80
	100	LOW	64QAM	20.86	21.27	21.03	21.80

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Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	13.90	14.14	14.02	15.00
		MID	QPSK	13.90	13.98	14.11	15.00
		HIGH	QPSK	14.04	14.02	14.00	15.00
	3	LOW	QPSK	14.07	14.04	14.23	15.00
		MID	QPSK	13.94	14.16	14.19	15.00
		HIGH	QPSK	14.28	14.25	**14.33**	15.00
	6	LOW	QPSK	14.12	14.27	14.21	15.00
1.4	1	LOW	Q16	14.24	14.29	14.10	15.00
		MID	Q16	14.38	14.37	14.00	15.00
		HIGH	Q16	14.39	14.14	14.24	15.00
	3	LOW	Q16	14.08	13.98	13.86	15.00
		MID	Q16	14.23	14.10	14.13	15.00
		HIGH	Q16	14.15	14.05	14.01	15.00
	6	LOW	Q16	14.14	14.14	14.16	15.00
1.4	1	LOW	64QAM	14.33	14.43	14.16	15.00
		MID	64QAM	14.40	14.25	14.14	15.00
		HIGH	64QAM	14.27	14.32	14.07	15.00
	3	LOW	64QAM	13.88	14.12	13.99	15.00
		MID	64QAM	14.21	14.14	14.23	15.00
		HIGH	64QAM	13.98	14.29	14.00	15.00
	6	LOW	64QAM	14.17	13.99	13.98	15.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	14.09	14.14	14.10	15.00
		MID	QPSK	14.09	14.24	14.20	15.00
		HIGH	QPSK	14.12	14.01	14.09	15.00
	8	LOW	QPSK	13.83	14.13	14.21	15.00
		MID	QPSK	13.99	14.29	14.20	15.00
		HIGH	QPSK	14.10	14.38	**14.41**	15.00
	15	LOW	QPSK	14.18	14.13	14.08	15.00
3	1	LOW	Q16	14.32	14.14	13.94	15.00
		MID	Q16	14.32	14.41	13.93	15.00
		HIGH	Q16	14.33	14.14	14.10	15.00
	8	LOW	Q16	14.09	13.97	14.01	15.00
		MID	Q16	14.32	13.97	14.02	15.00
		HIGH	Q16	14.13	14.22	14.15	15.00
	15	LOW	Q16	14.30	14.13	14.15	15.00
3	1	LOW	64QAM	14.25	14.12	13.95	15.00
		MID	64QAM	14.28	14.43	14.05	15.00
		HIGH	64QAM	14.28	14.16	14.21	15.00
	8	LOW	64QAM	13.88	14.27	13.97	15.00
		MID	64QAM	14.19	14.16	14.31	15.00
		HIGH	64QAM	13.97	14.16	14.18	15.00
	15	LOW	64QAM	14.27	13.90	14.22	15.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	14.17	14.08	14.09	15.00
		MID	QPSK	14.08	14.06	14.22	15.00
		HIGH	QPSK	14.06	14.18	14.29	15.00
	12	LOW	QPSK	13.95	13.99	14.11	15.00
		MID	QPSK	14.32	14.07	14.05	15.00
		HIGH	QPSK	14.13	14.13	**14.35**	15.00
	25	LOW	QPSK	14.18	14.13	13.94	15.00
5	1	LOW	Q16	14.45	14.40	14.18	15.00
		MID	Q16	14.31	14.16	14.14	15.00
		HIGH	Q16	14.46	14.07	14.17	15.00
	12	LOW	Q16	13.90	14.10	13.99	15.00
		MID	Q16	14.06	14.10	14.06	15.00
		HIGH	Q16	14.33	14.18	14.15	15.00
	25	LOW	Q16	14.23	14.04	14.28	15.00
5	1	LOW	64QAM	14.36	14.33	14.16	15.00
		MID	64QAM	14.22	14.12	14.15	15.00
		HIGH	64QAM	14.20	14.38	14.23	15.00
	12	LOW	64QAM	14.07	14.04	14.04	15.00
		MID	64QAM	14.22	14.00	13.93	15.00
		HIGH	64QAM	14.24	14.15	14.06	15.00
	25	LOW	64QAM	14.35	13.91	14.14	15.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	14.11	13.91	**13.97**	15.00
		MID	QPSK	13.88	14.06	13.89	15.00
		HIGH	QPSK	14.09	14.02	14.04	15.00
	25	LOW	QPSK	14.06	14.35	14.11	15.00
		MID	QPSK	14.32	14.03	13.97	15.00
		HIGH	QPSK	13.95	14.11	14.23	15.00
	50	LOW	QPSK	14.08	14.03	14.19	15.00
10	1	LOW	Q16	14.48	14.19	14.07	15.00
		MID	Q16	14.33	14.37	14.33	15.00
		HIGH	Q16	14.50	14.24	14.21	15.00
	25	LOW	Q16	13.94	13.92	13.91	15.00
		MID	Q16	14.16	14.03	13.99	15.00
		HIGH	Q16	14.10	14.16	**14.36**	15.00
	50	LOW	Q16	14.19	14.10	14.27	15.00
10	1	LOW	64QAM	14.27	14.31	14.09	15.00
		MID	64QAM	14.13	14.30	13.98	15.00
		HIGH	64QAM	14.09	14.13	14.20	15.00
	25	LOW	64QAM	14.12	14.04	13.90	15.00
		MID	64QAM	14.11	14.17	14.29	15.00
		HIGH	64QAM	14.17	14.16	14.06	15.00
	50	LOW	64QAM	14.07	14.04	14.16	15.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	13.91	14.08	14.17	15.00
		MID	QPSK	14.08	14.06	14.18	15.00
		HIGH	QPSK	14.24	14.22	14.19	15.00
	36	LOW	QPSK	13.95	14.30	14.19	15.00
		MID	QPSK	14.15	14.03	14.17	15.00
		HIGH	QPSK	14.15	14.33	14.11	15.00
	75	LOW	QPSK	13.98	14.14	14.02	15.00
15	1	LOW	Q16	14.37	14.21	14.05	15.00
		MID	Q16	14.42	14.07	13.98	15.00
		HIGH	Q16	14.16	14.23	14.10	15.00
	36	LOW	Q16	13.98	14.22	14.04	15.00
		MID	Q16	13.98	14.21	**14.30**	15.00
		HIGH	Q16	14.21	14.46	14.13	15.00
	75	LOW	Q16	14.07	14.02	14.27	15.00
15	1	LOW	64QAM	14.38	14.29	13.96	15.00
		MID	64QAM	14.24	14.44	14.16	15.00
		HIGH	64QAM	14.31	14.21	14.29	15.00
	36	LOW	64QAM	14.04	14.06	14.08	15.00
		MID	64QAM	14.16	14.06	14.14	15.00
		HIGH	64QAM	14.28	14.39	13.97	15.00
	75	LOW	64QAM	14.21	14.11	14.05	15.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	13.98	**14.16**	13.97	15.00
		MID	QPSK	14.10	14.12	13.96	15.00
		HIGH	QPSK	14.10	14.06	14.14	15.00
	50	LOW	QPSK	14.06	14.24	14.13	15.00
		MID	QPSK	14.18	14.23	14.13	15.00
		HIGH	QPSK	14.18	14.30	**14.33**	15.00
	100	LOW	QPSK	14.08	14.08	**14.15**	15.00
20	1	LOW	Q16	14.24	14.15	14.22	15.00
		MID	Q16	14.30	14.17	14.04	15.00
		HIGH	Q16	14.27	14.21	14.09	15.00
	50	LOW	Q16	14.09	14.10	14.11	15.00
		MID	Q16	14.07	14.21	14.15	15.00
		HIGH	Q16	14.24	14.22	14.21	15.00
	100	LOW	Q16	14.18	14.05	14.15	15.00
20	1	LOW	64QAM	14.14	14.30	13.95	15.00
		MID	64QAM	14.12	14.24	14.07	15.00
		HIGH	64QAM	14.16	14.24	14.29	15.00
	50	LOW	64QAM	14.10	14.11	14.03	15.00
		MID	64QAM	14.16	14.08	14.01	15.00
		HIGH	64QAM	14.05	14.23	**14.31**	15.00
	100	LOW	64QAM	14.14	14.15	14.20	15.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.43	18.27	18.34	19.50
		MID	QPSK	18.56	18.51	18.69	19.50
		HIGH	QPSK	18.57	18.69	18.32	19.50
	3	LOW	QPSK	18.48	18.60	18.56	19.50
		MID	QPSK	18.60	18.65	18.38	19.50
		HIGH	QPSK	18.48	18.69	18.66	19.50
	6	LOW	QPSK	18.45	18.79	18.67	19.50
1.4	1	LOW	Q16	18.29	18.48	18.41	19.50
		MID	Q16	18.35	18.39	18.26	19.50
		HIGH	Q16	18.18	18.60	18.21	19.50
	3	LOW	Q16	18.65	18.82	18.50	19.50
		MID	Q16	18.41	18.66	18.80	19.50
		HIGH	Q16	18.47	18.87	18.54	19.50
	6	LOW	Q16	18.73	18.54	18.63	19.50
1.4	1	LOW	64QAM	18.12	18.54	18.35	19.50
		MID	64QAM	18.56	18.64	18.35	19.50
		HIGH	64QAM	18.20	18.60	18.27	19.50
	3	LOW	64QAM	18.48	18.58	18.65	19.50
		MID	64QAM	18.69	18.74	18.85	19.50
		HIGH	64QAM	18.74	18.93	18.51	19.50
	6	LOW	64QAM	18.46	18.65	18.43	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	18.57	18.37	18.39	19.50
		MID	QPSK	18.40	18.62	18.45	19.50
		HIGH	QPSK	18.51	18.75	18.66	19.50
	8	LOW	QPSK	18.51	18.74	18.45	19.50
		MID	QPSK	18.76	18.72	18.65	19.50
		HIGH	QPSK	18.71	18.89	18.41	19.50
	15	LOW	QPSK	18.62	18.69	18.73	19.50
3	1	LOW	Q16	18.20	18.40	18.43	19.50
		MID	Q16	18.40	18.57	18.22	19.50
		HIGH	Q16	18.23	18.60	18.24	19.50
	8	LOW	Q16	18.44	18.45	18.30	19.50
		MID	Q16	18.73	18.68	18.62	19.50
		HIGH	Q16	18.63	18.62	18.62	19.50
	15	LOW	Q16	18.67	18.80	18.61	19.50
3	1	LOW	64QAM	18.45	18.47	18.56	19.50
		MID	64QAM	18.47	18.48	18.39	19.50
		HIGH	64QAM	18.19	18.55	18.43	19.50
	8	LOW	64QAM	18.34	18.70	18.64	19.50
		MID	64QAM	18.46	18.75	18.57	19.50
		HIGH	64QAM	18.58	18.59	18.56	19.50
	15	LOW	64QAM	18.58	18.53	18.65	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	18.43	18.47	18.50	19.50
		MID	QPSK	18.36	18.57	18.57	19.50
		HIGH	QPSK	18.39	18.84	18.51	19.50
	12	LOW	QPSK	18.36	18.59	18.62	19.50
		MID	QPSK	18.58	18.53	18.37	19.50
		HIGH	QPSK	18.54	18.68	18.75	19.50
	25	LOW	QPSK	18.60	18.61	18.70	19.50
5	1	LOW	Q16	18.15	18.58	18.51	19.50
		MID	Q16	18.24	18.44	18.29	19.50
		HIGH	Q16	18.26	18.53	18.52	19.50
	12	LOW	Q16	18.69	18.68	18.28	19.50
		MID	Q16	18.46	18.50	18.59	19.50
		HIGH	Q16	18.63	18.66	18.49	19.50
	25	LOW	Q16	18.55	18.63	18.38	19.50
5	1	LOW	64QAM	18.31	18.36	18.54	19.50
		MID	64QAM	18.36	18.41	18.44	19.50
		HIGH	64QAM	18.23	18.67	18.48	19.50
	12	LOW	64QAM	18.43	18.52	18.75	19.50
		MID	64QAM	18.51	18.82	18.75	19.50
		HIGH	64QAM	18.44	18.69	18.54	19.50
	25	LOW	64QAM	18.71	18.65	18.50	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	18.33	18.42	18.29	19.50
		MID	QPSK	18.43	18.48	18.47	19.50
		HIGH	QPSK	18.55	18.71	18.64	19.50
	25	LOW	QPSK	18.46	18.51	18.49	19.50
		MID	QPSK	18.81	18.63	18.70	19.50
		HIGH	QPSK	18.51	18.63	18.47	19.50
	50	LOW	QPSK	18.39	18.61	18.67	19.50
10	1	LOW	Q16	18.34	18.36	18.27	19.50
		MID	Q16	18.56	18.63	18.23	19.50
		HIGH	Q16	18.55	18.48	18.18	19.50
	25	LOW	Q16	18.43	18.57	18.38	19.50
		MID	Q16	18.69	18.82	18.62	19.50
		HIGH	Q16	18.77	18.71	18.51	19.50
	50	LOW	Q16	18.78	18.69	18.78	19.50
10	1	LOW	64QAM	18.31	18.42	18.45	19.50
		MID	64QAM	18.22	18.35	18.16	19.50
		HIGH	64QAM	18.47	18.81	18.33	19.50
	25	LOW	64QAM	18.36	18.74	18.36	19.50
		MID	64QAM	18.52	18.68	18.58	19.50
		HIGH	64QAM	18.82	18.86	18.57	19.50
	50	LOW	64QAM	18.62	18.50	18.43	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	18.41	18.28	18.40	19.50
		MID	QPSK	18.58	18.61	18.65	19.50
		HIGH	QPSK	18.62	18.78	18.63	19.50
	36	LOW	QPSK	18.45	18.59	18.70	19.50
		MID	QPSK	18.78	18.69	18.52	19.50
		HIGH	QPSK	18.54	18.78	18.71	19.50
	75	LOW	QPSK	18.69	18.62	18.44	19.50
15	1	LOW	Q16	18.38	18.32	18.47	19.50
		MID	Q16	18.26	18.34	18.19	19.50
		HIGH	Q16	18.41	18.68	18.45	19.50
	36	LOW	Q16	18.36	18.74	18.51	19.50
		MID	Q16	18.62	18.58	18.75	19.50
		HIGH	Q16	18.60	18.82	18.50	19.50
	75	LOW	Q16	18.62	18.54	18.59	19.50
15	1	LOW	64QAM	18.37	18.36	18.48	19.50
		MID	64QAM	18.27	18.52	18.26	19.50
		HIGH	64QAM	18.44	18.50	18.20	19.50
	36	LOW	64QAM	18.63	18.44	18.71	19.50
		MID	64QAM	18.59	18.43	18.76	19.50
		HIGH	64QAM	18.70	18.77	18.62	19.50
	75	LOW	64QAM	18.80	18.69	18.57	19.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	18.43	18.57	18.36	19.50
		MID	QPSK	18.43	18.50	**18.61**	19.50
		HIGH	QPSK	**18.61**	18.60	18.52	19.50
	50	LOW	QPSK	18.47	18.54	18.38	19.50
		MID	QPSK	18.71	18.67	18.56	19.50
		HIGH	QPSK	18.60	**18.73**	18.63	19.50
	100	LOW	QPSK	**18.67**	18.60	18.60	19.50
20	1	LOW	Q16	18.19	18.40	18.30	19.50
		MID	Q16	18.40	18.51	18.36	19.50
		HIGH	Q16	18.46	18.60	18.46	19.50
	50	LOW	Q16	18.45	18.67	18.57	19.50
		MID	Q16	18.69	18.67	18.53	19.50
		HIGH	Q16	18.55	18.76	18.64	19.50
	100	LOW	Q16	18.51	18.68	18.68	19.50
20	1	LOW	64QAM	18.09	18.47	18.25	19.50
		MID	64QAM	18.30	18.43	18.38	19.50
		HIGH	64QAM	18.37	18.75	18.34	19.50
	50	LOW	64QAM	18.42	18.57	18.47	19.50
		MID	64QAM	18.44	18.63	18.60	19.50
		HIGH	64QAM	18.77	18.77	18.44	19.50
	100	LOW	64QAM	18.81	18.69	18.69	19.50

LTE B66-Full Power -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	22.79	22.65	24.00
		MID	QPSK	23.01	23.16	22.67	24.00
		HIGH	QPSK	22.98	23.17	22.89	24.00
	3	LOW	QPSK	22.51	22.89	22.92	24.00
		MID	QPSK	23.13	23.11	22.69	24.00
		HIGH	QPSK	23.09	23.22	22.95	24.00
	6	LOW	QPSK	23.13	22.79	22.94	24.00
1.4	1	LOW	Q16	23.25	23.28	23.16	23.80
		MID	Q16	23.32	23.14	23.34	23.80
		HIGH	Q16	23.50	23.42	23.28	23.80
	3	LOW	Q16	22.72	23.10	22.92	23.80
		MID	Q16	22.85	23.21	23.08	23.80
		HIGH	Q16	22.90	23.18	22.83	23.80
	6	LOW	Q16	21.93	22.05	22.15	23.80
1.4	1	LOW	64QAM	22.25	22.12	22.17	22.80
		MID	64QAM	22.52	22.50	22.24	22.80
		HIGH	64QAM	22.46	22.32	22.30	22.80
	3	LOW	64QAM	22.00	22.09	21.86	22.80
		MID	64QAM	22.09	22.13	22.04	22.80
		HIGH	64QAM	21.93	22.07	21.95	22.80
	6	LOW	64QAM	20.98	21.05	20.94	22.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	22.84	22.77	22.81	24.00
		MID	QPSK	22.91	23.08	22.98	24.00
		HIGH	QPSK	22.83	23.07	22.77	24.00
	8	LOW	QPSK	22.90	22.86	22.86	23.80
		MID	QPSK	22.95	23.12	23.01	23.80
		HIGH	QPSK	22.93	23.12	23.01	23.80
	15	LOW	QPSK	22.88	23.20	23.06	23.80
3	1	LOW	Q16	23.18	23.34	23.37	23.80
		MID	Q16	23.45	23.45	23.40	23.80
		HIGH	Q16	23.69	23.42	23.37	23.80
	8	LOW	Q16	21.82	22.11	21.99	22.80
		MID	Q16	22.11	22.12	21.95	22.80
		HIGH	Q16	21.93	22.11	21.98	22.80
	15	LOW	Q16	21.92	22.31	21.88	22.80
3	1	LOW	64QAM	22.26	22.49	21.95	22.80
		MID	64QAM	22.20	22.50	22.31	22.80
		HIGH	64QAM	22.27	22.43	22.04	22.80
	8	LOW	64QAM	20.68	20.80	21.02	21.80
		MID	64QAM	20.97	20.96	21.05	21.80
		HIGH	64QAM	20.79	21.10	20.84	21.80
	15	LOW	64QAM	20.90	21.12	21.21	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	22.86	22.95	22.70	24.00
		MID	QPSK	23.05	22.94	22.75	24.00
		HIGH	QPSK	22.92	23.20	22.84	24.00
	12	LOW	QPSK	22.83	22.80	22.92	23.80
		MID	QPSK	22.76	23.29	22.82	23.80
		HIGH	QPSK	23.17	23.16	23.14	23.80
	25	LOW	QPSK	22.86	22.86	23.12	23.80
5	1	LOW	Q16	23.43	23.48	23.41	23.80
		MID	Q16	23.29	23.23	23.30	23.80
		HIGH	Q16	23.42	23.52	23.26	23.80
	12	LOW	Q16	21.73	22.05	22.05	22.80
		MID	Q16	21.94	22.14	22.08	22.80
		HIGH	Q16	22.03	22.11	22.10	22.80
	25	LOW	Q16	22.05	22.11	21.98	22.80
5	1	LOW	64QAM	22.34	22.33	22.33	22.80
		MID	64QAM	22.38	22.54	22.32	22.80
		HIGH	64QAM	22.47	22.32	22.11	22.80
	12	LOW	64QAM	20.72	20.90	20.66	21.80
		MID	64QAM	20.89	21.14	20.97	21.80
		HIGH	64QAM	21.14	21.14	20.92	21.80
	25	LOW	64QAM	21.16	21.19	21.19	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	22.75	22.95	22.74	24.00
		MID	QPSK	22.88	23.04	23.04	24.00
		HIGH	QPSK	22.92	23.11	22.93	24.00
	25	LOW	QPSK	22.74	22.78	22.79	23.80
		MID	QPSK	23.08	22.90	22.99	23.80
		HIGH	QPSK	22.84	22.94	23.06	23.80
	50	LOW	QPSK	23.16	22.94	23.12	23.80
10	1	LOW	Q16	23.49	23.24	23.09	23.80
		MID	Q16	23.28	23.47	23.20	23.80
		HIGH	Q16	23.39	23.19	23.11	23.80
	25	LOW	Q16	21.85	22.10	22.06	22.80
		MID	Q16	22.13	22.06	22.20	22.80
		HIGH	Q16	22.17	22.19	21.79	22.80
	50	LOW	Q16	22.28	21.97	22.25	22.80
10	1	LOW	64QAM	22.21	22.16	22.01	22.80
		MID	64QAM	22.22	22.26	22.26	22.80
		HIGH	64QAM	22.44	22.41	22.45	22.80
	25	LOW	64QAM	20.85	21.10	21.06	21.80
		MID	64QAM	20.89	21.13	21.02	21.80
		HIGH	64QAM	21.01	21.09	21.11	21.80
	50	LOW	64QAM	20.96	21.18	21.16	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	22.81	22.73	22.95	24.00
		MID	QPSK	23.06	23.18	22.93	24.00
		HIGH	QPSK	22.91	23.00	22.96	24.00
	36	LOW	QPSK	23.03	22.94	22.79	23.80
		MID	QPSK	22.75	22.93	22.96	23.80
		HIGH	QPSK	23.18	22.99	23.13	23.80
	75	LOW	QPSK	23.07	22.92	23.01	23.80
15	1	LOW	Q16	23.28	23.40	23.35	23.80
		MID	Q16	23.41	23.30	23.07	23.80
		HIGH	Q16	23.35	23.52	23.34	23.80
	36	LOW	Q16	22.02	22.07	22.07	22.80
		MID	Q16	22.00	22.21	21.86	22.80
		HIGH	Q16	22.05	22.12	21.79	22.80
	75	LOW	Q16	22.15	21.92	22.03	22.80
15	1	LOW	64QAM	22.18	22.33	21.97	22.80
		MID	64QAM	22.32	22.45	22.14	22.80
		HIGH	64QAM	22.43	22.59	22.03	22.80
	36	LOW	64QAM	20.76	21.11	20.66	21.80
		MID	64QAM	20.96	20.89	20.99	21.80
		HIGH	64QAM	21.00	20.94	21.03	21.80
	75	LOW	64QAM	21.12	21.02	21.24	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.87	22.98	22.84	24.00
		MID	QPSK	22.76	22.96	22.79	24.00
		HIGH	QPSK	23.11	23.04	22.90	24.00
	50	LOW	QPSK	22.75	23.04	22.76	23.80
		MID	QPSK	23.07	23.11	23.08	23.80
		HIGH	QPSK	23.00	23.03	23.03	23.80
	100	LOW	QPSK	22.97	23.12	22.96	23.80
20	1	LOW	Q16	23.38	23.28	23.09	23.80
		MID	Q16	23.37	23.22	23.24	23.80
		HIGH	Q16	23.54	23.29	23.38	23.80
	50	LOW	Q16	21.95	21.95	21.76	22.80
		MID	Q16	22.12	22.20	21.99	22.80
		HIGH	Q16	21.91	22.23	21.86	22.80
	100	LOW	Q16	21.98	22.07	22.09	22.80
20	1	LOW	64QAM	22.26	22.24	22.44	22.80
		MID	64QAM	22.30	22.12	22.15	22.80
		HIGH	64QAM	22.36	22.36	22.29	22.80
	50	LOW	64QAM	20.91	20.98	20.87	21.80
		MID	64QAM	20.86	21.26	21.21	21.80
		HIGH	64QAM	21.09	21.07	20.94	21.80
	100	LOW	64QAM	21.10	21.03	21.23	21.80

LTE B66-Level1 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.77	22.79	22.65	24.00
		MID	QPSK	23.01	23.16	22.67	24.00
		HIGH	QPSK	22.98	23.17	22.89	24.00
	3	LOW	QPSK	22.51	22.89	22.92	24.00
		MID	QPSK	23.13	23.11	22.69	24.00
		HIGH	QPSK	23.09	23.22	22.95	24.00
	6	LOW	QPSK	23.13	22.79	22.94	24.00
1.4	1	LOW	Q16	23.25	23.28	23.16	23.80
		MID	Q16	23.32	23.14	23.34	23.80
		HIGH	Q16	23.50	23.42	23.28	23.80
	3	LOW	Q16	22.72	23.10	22.92	23.80
		MID	Q16	22.85	23.21	23.08	23.80
		HIGH	Q16	22.90	23.18	22.83	23.80
	6	LOW	Q16	21.93	22.05	22.15	23.80
1.4	1	LOW	64QAM	22.25	22.12	22.17	22.80
		MID	64QAM	22.52	22.50	22.24	22.80
		HIGH	64QAM	22.46	22.32	22.30	22.80
	3	LOW	64QAM	22.00	22.09	21.86	22.80
		MID	64QAM	22.09	22.13	22.04	22.80
		HIGH	64QAM	21.93	22.07	21.95	22.80
	6	LOW	64QAM	20.98	21.05	20.94	22.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	22.84	22.77	22.81	24.00
		MID	QPSK	22.91	23.08	22.98	24.00
		HIGH	QPSK	22.83	23.07	22.77	24.00
	8	LOW	QPSK	22.90	22.86	22.86	23.80
		MID	QPSK	22.95	23.12	23.01	23.80
		HIGH	QPSK	22.93	23.12	23.01	23.80
	15	LOW	QPSK	22.88	23.20	23.06	23.80
3	1	LOW	Q16	23.18	23.34	23.37	23.80
		MID	Q16	23.45	23.45	23.40	23.80
		HIGH	Q16	23.69	23.42	23.37	23.80
	8	LOW	Q16	21.82	22.11	21.99	22.80
		MID	Q16	22.11	22.12	21.95	22.80
		HIGH	Q16	21.93	22.11	21.98	22.80
	15	LOW	Q16	21.92	22.31	21.88	22.80
3	1	LOW	64QAM	22.26	22.49	21.95	22.80
		MID	64QAM	22.20	22.50	22.31	22.80
		HIGH	64QAM	22.27	22.43	22.04	22.80
	8	LOW	64QAM	20.68	20.80	21.02	21.80
		MID	64QAM	20.97	20.96	21.05	21.80
		HIGH	64QAM	20.79	21.10	20.84	21.80
	15	LOW	64QAM	20.90	21.12	21.21	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	22.86	22.95	22.70	24.00
		MID	QPSK	23.05	22.94	22.75	24.00
		HIGH	QPSK	22.92	23.20	22.84	24.00
	12	LOW	QPSK	22.83	22.80	22.92	23.80
		MID	QPSK	22.76	23.29	22.82	23.80
		HIGH	QPSK	23.17	23.16	23.14	23.80
	25	LOW	QPSK	22.86	22.86	23.12	23.80
5	1	LOW	Q16	23.43	23.48	23.41	23.80
		MID	Q16	23.29	23.23	23.30	23.80
		HIGH	Q16	23.42	23.52	23.26	23.80
	12	LOW	Q16	21.73	22.05	22.05	22.80
		MID	Q16	21.94	22.14	22.08	22.80
		HIGH	Q16	22.03	22.11	22.10	22.80
	25	LOW	Q16	22.05	22.11	21.98	22.80
5	1	LOW	64QAM	22.34	22.33	22.33	22.80
		MID	64QAM	22.38	22.54	22.32	22.80
		HIGH	64QAM	22.47	22.32	22.11	22.80
	12	LOW	64QAM	20.72	20.90	20.66	21.80
		MID	64QAM	20.89	21.14	20.97	21.80
		HIGH	64QAM	21.14	21.14	20.92	21.80
	25	LOW	64QAM	21.16	21.19	21.19	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	22.75	22.95	22.74	24.00
		MID	QPSK	22.88	23.04	23.04	24.00
		HIGH	QPSK	22.92	23.11	22.93	24.00
	25	LOW	QPSK	22.74	22.78	22.79	23.80
		MID	QPSK	23.08	22.90	22.99	23.80
		HIGH	QPSK	22.84	22.94	23.06	23.80
	50	LOW	QPSK	23.16	22.94	23.12	23.80
10	1	LOW	Q16	23.49	23.24	23.09	23.80
		MID	Q16	23.28	23.47	23.20	23.80
		HIGH	Q16	23.39	23.19	23.11	23.80
	25	LOW	Q16	21.85	22.10	22.06	22.80
		MID	Q16	22.13	22.06	22.20	22.80
		HIGH	Q16	22.17	22.19	21.79	22.80
	50	LOW	Q16	22.28	21.97	22.25	22.80
10	1	LOW	64QAM	22.21	22.16	22.01	22.80
		MID	64QAM	22.22	22.26	22.26	22.80
		HIGH	64QAM	22.44	22.41	22.45	22.80
	25	LOW	64QAM	20.85	21.10	21.06	21.80
		MID	64QAM	20.89	21.13	21.02	21.80
		HIGH	64QAM	21.01	21.09	21.11	21.80
	50	LOW	64QAM	20.96	21.18	21.16	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	22.81	22.73	22.95	24.00
		MID	QPSK	23.06	23.18	22.93	24.00
		HIGH	QPSK	22.91	23.00	22.96	24.00
	36	LOW	QPSK	23.03	22.94	22.79	23.80
		MID	QPSK	22.75	22.93	22.96	23.80
		HIGH	QPSK	23.18	22.99	23.13	23.80
	75	LOW	QPSK	23.07	22.92	23.01	23.80
15	1	LOW	Q16	23.28	23.40	23.35	23.80
		MID	Q16	23.41	23.30	23.07	23.80
		HIGH	Q16	23.35	23.52	23.34	23.80
	36	LOW	Q16	22.02	22.07	22.07	22.80
		MID	Q16	22.00	22.21	21.86	22.80
		HIGH	Q16	22.05	22.12	21.79	22.80
	75	LOW	Q16	22.15	21.92	22.03	22.80
15	1	LOW	64QAM	22.18	22.33	21.97	22.80
		MID	64QAM	22.32	22.45	22.14	22.80
		HIGH	64QAM	22.43	22.59	22.03	22.80
	36	LOW	64QAM	20.76	21.11	20.66	21.80
		MID	64QAM	20.96	20.89	20.99	21.80
		HIGH	64QAM	21.00	20.94	21.03	21.80
	75	LOW	64QAM	21.12	21.02	21.24	21.80
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.87	22.98	22.84	24.00
		MID	QPSK	22.76	22.96	22.79	24.00
		HIGH	QPSK	**23.11**	23.04	22.90	24.00
	50	LOW	QPSK	22.75	23.04	22.76	23.80
		MID	QPSK	23.07	**23.11**	23.08	23.80
		HIGH	QPSK	23.00	23.03	23.03	23.80
	100	LOW	QPSK	22.97	**23.12**	22.96	23.80
20	1	LOW	Q16	23.38	23.28	23.09	23.80
		MID	Q16	23.37	23.22	23.24	23.80
		HIGH	Q16	23.54	23.29	23.38	23.80
	50	LOW	Q16	21.95	21.95	21.76	22.80
		MID	Q16	22.12	22.20	21.99	22.80
		HIGH	Q16	21.91	22.23	21.86	22.80
	100	LOW	Q16	21.98	22.07	22.09	22.80
20	1	LOW	64QAM	22.26	22.24	22.44	22.80
		MID	64QAM	22.30	22.12	22.15	22.80
		HIGH	64QAM	22.36	22.36	22.29	22.80
	50	LOW	64QAM	20.91	20.98	20.87	21.80
		MID	64QAM	20.86	21.26	21.21	21.80
		HIGH	64QAM	21.09	21.07	20.94	21.80
	100	LOW	64QAM	21.10	21.03	21.23	21.80

LTE B66-Level2 -Ant.0(Only for ENDC)

Bandwidth (MHz)	RB Size	RB offest	Modulation	19207	19575	19943	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.08	19.95	19.93	21.00
		MID	QPSK	20.08	20.29	20.02	21.00
		HIGH	QPSK	20.24	20.23	20.11	21.00
	3	LOW	QPSK	20.06	20.27	20.04	21.00
		MID	QPSK	20.29	20.20	20.28	21.00
		HIGH	QPSK	20.38	20.28	19.99	21.00
	6	LOW	QPSK	20.26	20.44	20.29	21.00
1.4	1	LOW	Q16	19.99	20.44	20.23	21.00
		MID	Q16	20.13	20.39	20.16	21.00
		HIGH	Q16	20.40	20.48	20.19	21.00
	3	LOW	Q16	20.10	20.32	20.19	21.00
		MID	Q16	20.04	20.29	20.20	21.00
		HIGH	Q16	20.31	20.41	20.40	21.00
	6	LOW	Q16	20.22	20.02	20.30	21.00
1.4	1	LOW	64QAM	20.14	20.36	20.14	21.00
		MID	64QAM	20.28	20.32	20.23	21.00
		HIGH	64QAM	20.25	20.64	20.11	21.00
	3	LOW	64QAM	20.06	20.13	20.09	21.00
		MID	64QAM	20.13	20.12	20.19	21.00
		HIGH	64QAM	20.23	20.47	20.30	21.00
	6	LOW	64QAM	20.11	20.25	20.31	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19215	19575	19935	Tune-up power(dBm)
3	1	LOW	QPSK	19.97	19.96	20.13	21.00
		MID	QPSK	20.14	20.17	20.26	21.00
		HIGH	QPSK	20.11	20.26	20.04	21.00
	8	LOW	QPSK	19.97	20.31	20.12	21.00
		MID	QPSK	20.04	20.26	20.26	21.00
		HIGH	QPSK	20.29	20.45	20.12	21.00
	15	LOW	QPSK	20.26	20.22	20.29	21.00
3	1	LOW	Q16	20.24	20.55	20.23	21.00
		MID	Q16	20.20	20.41	19.97	21.00
		HIGH	Q16	20.17	20.65	20.10	21.00
	8	LOW	Q16	19.91	20.32	20.09	21.00
		MID	Q16	20.14	20.23	20.20	21.00
		HIGH	Q16	20.22	20.53	20.23	21.00
	15	LOW	Q16	20.00	20.13	20.17	21.00
3	1	LOW	64QAM	20.26	20.40	20.40	21.00
		MID	64QAM	20.33	20.40	19.98	21.00
		HIGH	64QAM	20.36	20.51	20.30	21.00
	8	LOW	64QAM	19.94	20.27	19.97	21.00
		MID	64QAM	20.25	20.42	20.14	21.00
		HIGH	64QAM	20.40	20.34	20.13	21.00
	15	LOW	64QAM	20.34	20.12	19.99	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19225	19575	19925	Tune-up power(dBm)
5	1	LOW	QPSK	19.91	20.10	19.92	21.00
		MID	QPSK	20.20	20.25	19.94	21.00
		HIGH	QPSK	20.21	20.30	20.00	21.00
	12	LOW	QPSK	20.13	20.31	19.92	21.00
		MID	QPSK	19.97	20.30	20.15	21.00
		HIGH	QPSK	20.32	20.11	20.14	21.00
	25	LOW	QPSK	20.04	20.32	20.14	21.00
5	1	LOW	Q16	20.19	20.32	20.17	21.00
		MID	Q16	20.29	20.30	20.16	21.00
		HIGH	Q16	20.32	20.66	20.29	21.00
	12	LOW	Q16	19.98	20.39	20.14	21.00
		MID	Q16	20.05	20.40	20.38	21.00
		HIGH	Q16	20.27	20.28	20.13	21.00
	25	LOW	Q16	20.22	20.11	20.38	21.00
5	1	LOW	64QAM	20.14	20.50	20.43	21.00
		MID	64QAM	20.37	20.32	20.13	21.00
		HIGH	64QAM	20.33	20.58	20.13	21.00
	12	LOW	64QAM	20.04	20.38	20.20	21.00
		MID	64QAM	20.10	20.26	20.35	21.00
		HIGH	64QAM	20.16	20.48	20.30	21.00
	25	LOW	64QAM	20.42	20.21	20.14	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19250	19575	19900	Tune-up power(dBm)
10	1	LOW	QPSK	20.26	20.15	19.98	21.00
		MID	QPSK	20.06	20.08	20.26	21.00
		HIGH	QPSK	20.08	20.23	20.35	21.00
	25	LOW	QPSK	19.98	20.22	20.00	21.00
		MID	QPSK	20.11	20.23	20.27	21.00
		HIGH	QPSK	20.30	20.44	20.37	21.00
	50	LOW	QPSK	20.09	20.01	20.22	21.00
10	1	LOW	Q16	20.03	20.26	20.28	21.00
		MID	Q16	20.14	20.40	20.04	21.00
		HIGH	Q16	20.44	20.52	20.42	21.00
	25	LOW	Q16	20.00	20.07	20.19	21.00
		MID	Q16	20.33	20.46	20.26	21.00
		HIGH	Q16	20.29	20.48	20.19	21.00
	50	LOW	Q16	20.28	20.21	20.09	21.00
10	1	LOW	64QAM	19.97	20.43	20.34	21.00
		MID	64QAM	20.36	20.40	20.20	21.00
		HIGH	64QAM	20.27	20.63	20.19	21.00
	25	LOW	64QAM	20.08	20.31	20.00	21.00
		MID	64QAM	20.07	20.42	20.43	21.00
		HIGH	64QAM	20.33	20.28	20.18	21.00
	50	LOW	64QAM	20.27	20.39	20.08	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	19275	19575	19875	Tune-up power(dBm)
15	1	LOW	QPSK	20.17	20.06	20.05	21.00
		MID	QPSK	19.80	20.28	20.35	21.00
		HIGH	QPSK	20.15	20.18	20.01	21.00
	36	LOW	QPSK	20.07	20.22	19.99	21.00
		MID	QPSK	20.23	20.20	20.32	21.00
		HIGH	QPSK	20.25	20.33	20.16	21.00
	75	LOW	QPSK	20.21	20.18	20.36	21.00
15	1	LOW	Q16	20.36	20.27	20.31	21.00
		MID	Q16	20.31	20.57	20.12	21.00
		HIGH	Q16	20.18	20.62	20.22	21.00
	36	LOW	Q16	20.05	20.21	20.15	21.00
		MID	Q16	20.19	20.39	20.29	21.00
		HIGH	Q16	20.26	20.41	20.24	21.00
	75	LOW	Q16	20.32	20.42	20.30	21.00
15	1	LOW	64QAM	20.01	20.33	20.48	21.00
		MID	64QAM	20.38	20.33	20.27	21.00
		HIGH	64QAM	20.42	20.57	20.19	21.00
	36	LOW	64QAM	20.06	20.31	20.15	21.00
		MID	64QAM	20.10	20.30	20.28	21.00
		HIGH	64QAM	20.15	20.15	20.37	21.00
	75	LOW	64QAM	20.12	20.01	20.03	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.10	20.05	20.07	21.00
		MID	QPSK	20.06	**20.33**	20.19	21.00
		HIGH	QPSK	20.07	20.21	20.06	21.00
	50	LOW	QPSK	20.12	20.19	19.99	21.00
		MID	QPSK	20.21	20.16	20.15	21.00
		HIGH	QPSK	20.30	**20.37**	20.21	21.00
	100	LOW	QPSK	20.22	**20.29**	20.25	21.00
20	1	LOW	Q16	20.09	20.31	20.30	21.00
		MID	Q16	20.26	20.44	20.08	21.00
		HIGH	Q16	20.32	20.45	20.14	21.00
	50	LOW	Q16	20.11	20.34	20.15	21.00
		MID	Q16	20.10	20.40	20.29	21.00
		HIGH	Q16	20.25	20.28	20.19	21.00
	100	LOW	Q16	20.14	20.23	20.19	21.00
20	1	LOW	64QAM	20.36	20.43	20.19	21.00
		MID	64QAM	20.15	20.51	20.39	21.00
		HIGH	64QAM	20.29	20.67	20.36	21.00
	50	LOW	64QAM	20.15	20.40	20.30	21.00
		MID	64QAM	20.15	20.26	20.06	21.00
		HIGH	64QAM	20.15	20.33	20.09	21.00
	100	LOW	64QAM	20.24	20.30	20.25	21.00

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8.3.9 LTE Band38 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.91	24.06	23.89	24.50
		MID	QPSK	23.95	24.11	24.08	24.50
		HIGH	QPSK	23.88	23.86	24.02	24.50
	12	LOW	QPSK	23.21	22.97	22.98	23.50
		MID	QPSK	23.09	23.08	22.99	23.50
		HIGH	QPSK	22.84	23.16	23.09	23.50
	25	LOW	QPSK	22.92	23.00	23.04	23.50
5	1	LOW	Q16	23.27	23.08	23.32	23.50
		MID	Q16	23.41	23.22	23.41	23.50
		HIGH	Q16	23.23	23.39	23.30	23.50
	12	LOW	Q16	22.05	22.06	22.07	22.50
		MID	Q16	22.10	22.14	22.29	22.50
		HIGH	Q16	22.06	22.02	22.28	22.50
	25	LOW	Q16	21.88	22.11	21.90	22.50
5	1	LOW	64QAM	22.41	22.10	22.45	22.50
		MID	64QAM	22.21	22.18	22.32	22.50
		HIGH	64QAM	22.20	22.23	22.29	22.50
	12	LOW	64QAM	21.06	21.10	20.97	21.50
		MID	64QAM	21.05	21.25	21.09	21.50
		HIGH	64QAM	20.86	20.93	21.09	21.50
	25	LOW	64QAM	21.02	20.98	21.12	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.97	23.88	24.14	24.50
		MID	QPSK	23.88	24.03	24.06	24.50
		HIGH	QPSK	23.97	24.09	24.26	24.50
	25	LOW	QPSK	23.00	22.99	22.99	23.50
		MID	QPSK	22.94	23.09	23.14	23.50
		HIGH	QPSK	22.93	23.18	22.99	23.50
	50	LOW	QPSK	23.02	22.90	23.05	23.50
10	1	LOW	Q16	23.46	23.17	23.45	23.50
		MID	Q16	23.23	23.16	23.46	23.50
		HIGH	Q16	23.24	23.30	23.29	23.50
	25	LOW	Q16	22.20	22.11	22.08	22.50
		MID	Q16	22.14	22.25	22.21	22.50
		HIGH	Q16	21.96	22.13	22.23	22.50
	50	LOW	Q16	21.91	22.19	22.13	22.50
10	1	LOW	64QAM	22.37	22.31	22.39	22.50
		MID	64QAM	22.27	22.23	22.41	22.50
		HIGH	64QAM	22.35	22.11	22.18	22.50
	25	LOW	64QAM	20.97	21.13	21.09	21.50
		MID	64QAM	20.99	20.97	21.16	21.50
		HIGH	64QAM	21.10	21.23	21.03	21.50
	50	LOW	64QAM	21.12	21.01	21.08	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	24.02	23.86	23.98	24.50
		MID	QPSK	23.96	23.85	24.08	24.50
		HIGH	QPSK	23.97	24.11	24.29	24.50
	36	LOW	QPSK	22.93	22.86	23.05	23.50
		MID	QPSK	23.06	22.94	22.99	23.50
		HIGH	QPSK	22.97	23.21	23.02	23.50
	75	LOW	QPSK	22.87	23.14	23.15	23.50
15	1	LOW	Q16	23.38	23.28	23.39	23.50
		MID	Q16	23.38	23.23	23.46	23.50
		HIGH	Q16	23.19	23.26	23.19	23.50
	36	LOW	Q16	22.04	22.12	22.04	22.50
		MID	Q16	21.95	22.13	22.08	22.50
		HIGH	Q16	21.88	22.00	22.31	22.50
	75	LOW	Q16	22.10	22.15	21.99	22.50
15	1	LOW	64QAM	22.27	22.03	22.45	22.50
		MID	64QAM	22.15	22.21	22.33	22.50
		HIGH	64QAM	22.17	22.22	22.36	22.50
	36	LOW	64QAM	21.09	21.09	20.97	21.50
		MID	64QAM	21.16	20.99	21.30	21.50
		HIGH	64QAM	21.03	21.01	21.26	21.50
	75	LOW	64QAM	20.96	21.14	21.14	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.95	23.96	24.04	24.50
		MID	QPSK	23.97	23.97	24.12	24.50
		HIGH	QPSK	24.01	23.98	24.17	24.50
	50	LOW	QPSK	23.08	23.01	23.00	23.50
		MID	QPSK	23.02	23.09	23.11	23.50
		HIGH	QPSK	22.97	23.06	23.11	23.50
	100	LOW	QPSK	22.98	23.03	23.02	23.50
20	1	LOW	Q16	23.31	23.16	23.43	23.50
		MID	Q16	23.29	23.19	23.49	23.50
		HIGH	Q16	23.30	23.25	23.26	23.50
	50	LOW	Q16	22.06	22.04	22.07	22.50
		MID	Q16	22.03	22.11	22.18	22.50
		HIGH	Q16	21.97	22.08	22.16	22.50
	100	LOW	Q16	21.97	22.05	22.04	22.50
20	1	LOW	64QAM	22.35	22.20	22.26	22.50
		MID	64QAM	22.37	22.22	22.40	22.50
		HIGH	64QAM	22.38	22.18	22.30	22.50
	50	LOW	64QAM	21.08	20.92	21.06	21.50
		MID	64QAM	21.07	20.96	21.03	21.50
		HIGH	64QAM	21.04	21.05	21.17	21.50
	100	LOW	64QAM	21.06	21.10	21.14	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	15.53	15.29	15.52	16.50
		MID	QPSK	15.27	15.30	15.41	16.50
		HIGH	QPSK	15.34	15.40	15.51	16.50
	12	LOW	QPSK	15.49	15.33	15.46	16.50
		MID	QPSK	15.60	15.62	15.43	16.50
		HIGH	QPSK	15.47	15.50	15.33	16.50
	25	LOW	QPSK	15.43	15.38	15.46	16.50
5	1	LOW	Q16	15.64	15.65	15.70	16.50
		MID	Q16	15.73	15.76	15.78	16.50
		HIGH	Q16	15.73	15.50	15.77	16.50
	12	LOW	Q16	15.56	15.37	15.53	16.50
		MID	Q16	15.49	15.40	15.52	16.50
		HIGH	Q16	15.33	15.49	15.49	16.50
	25	LOW	Q16	15.50	15.44	15.39	16.50
5	1	LOW	64QAM	15.52	15.62	15.85	16.50
		MID	64QAM	15.57	15.53	15.83	16.50
		HIGH	64QAM	15.84	15.58	15.86	16.50
	12	LOW	64QAM	15.49	15.24	15.43	16.50
		MID	64QAM	15.38	15.50	15.46	16.50
		HIGH	64QAM	15.32	15.56	15.46	16.50
	25	LOW	64QAM	15.42	15.35	15.44	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	15.37	15.24	15.41	16.50
		MID	QPSK	15.42	15.24	15.51	16.50
		HIGH	QPSK	15.39	15.37	15.34	16.50
	25	LOW	QPSK	15.40	15.32	15.44	16.50
		MID	QPSK	15.37	15.68	15.40	16.50
		HIGH	QPSK	15.41	15.39	15.51	16.50
	50	LOW	QPSK	15.52	15.34	15.49	16.50
10	1	LOW	Q16	15.69	15.51	15.80	16.50
		MID	Q16	15.70	15.69	15.85	16.50
		HIGH	Q16	15.76	15.70	15.68	16.50
	25	LOW	Q16	15.49	15.33	15.45	16.50
		MID	Q16	15.50	15.39	15.51	16.50
		HIGH	Q16	15.56	15.49	15.38	16.50
	50	LOW	Q16	15.55	15.47	15.43	16.50
10	1	LOW	64QAM	15.66	15.63	15.87	16.50
		MID	64QAM	15.53	15.74	15.79	16.50
		HIGH	64QAM	15.73	15.52	15.86	16.50
	25	LOW	64QAM	15.38	15.29	15.44	16.50
		MID	64QAM	15.48	15.55	15.55	16.50
		HIGH	64QAM	15.42	15.61	15.32	16.50
	50	LOW	64QAM	15.36	15.51	15.40	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	15.42	15.49	15.59	16.50
		MID	QPSK	15.44	15.41	15.54	16.50
		HIGH	QPSK	15.29	15.56	15.46	16.50
	36	LOW	QPSK	15.28	15.25	15.50	16.50
		MID	QPSK	15.59	15.47	15.56	16.50
		HIGH	QPSK	15.38	15.44	15.57	16.50
	75	LOW	QPSK	15.53	15.34	15.34	16.50
15	1	LOW	Q16	15.60	15.68	15.78	16.50
		MID	Q16	15.59	15.56	15.81	16.50
		HIGH	Q16	15.84	15.66	15.78	16.50
	36	LOW	Q16	15.41	15.53	15.34	16.50
		MID	Q16	15.49	15.52	15.61	16.50
		HIGH	Q16	15.40	15.64	15.60	16.50
	75	LOW	Q16	15.34	15.50	15.50	16.50
15	1	LOW	64QAM	15.77	15.49	15.86	16.50
		MID	64QAM	15.71	15.50	15.91	16.50
		HIGH	64QAM	15.78	15.78	15.69	16.50
	36	LOW	64QAM	15.52	15.39	15.58	16.50
		MID	64QAM	15.58	15.43	15.58	16.50
		HIGH	64QAM	15.53	15.42	15.43	16.50
	75	LOW	64QAM	15.49	15.46	15.41	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	15.42	15.36	**15.49**	16.50
		MID	QPSK	15.40	15.36	15.42	16.50
		HIGH	QPSK	15.39	15.44	15.47	16.50
	50	LOW	QPSK	15.42	15.39	15.44	16.50
		MID	QPSK	15.46	**15.53**	15.49	16.50
		HIGH	QPSK	15.47	15.50	15.45	16.50
	100	LOW	QPSK	**15.44**	15.40	**15.44**	16.50
20	1	LOW	Q16	15.64	15.57	15.81	16.50
		MID	Q16	15.68	15.62	15.79	16.50
		HIGH	Q16	15.71	15.63	15.79	16.50
	50	LOW	Q16	15.42	15.38	15.47	16.50
		MID	Q16	15.49	15.48	15.48	16.50
		HIGH	Q16	15.41	15.51	15.46	16.50
	100	LOW	Q16	15.41	15.36	15.42	16.50
20	1	LOW	64QAM	15.73	15.51	15.82	16.50
		MID	64QAM	15.54	15.73	15.85	16.50
		HIGH	64QAM	15.65	15.68	15.69	16.50
	50	LOW	64QAM	15.51	15.23	15.36	16.50
		MID	64QAM	15.41	15.41	15.41	16.50
		HIGH	64QAM	15.45	15.46	15.32	16.50
	100	LOW	64QAM	15.33	15.33	15.33	16.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.32	20.29	20.32	21.30
		MID	QPSK	20.27	20.26	20.23	21.30
		HIGH	QPSK	20.29	20.21	20.32	21.30
	12	LOW	QPSK	20.37	20.22	20.28	21.30
		MID	QPSK	20.18	20.17	20.25	21.30
		HIGH	QPSK	20.23	20.35	20.46	21.30
	25	LOW	QPSK	20.19	20.24	20.25	21.30
5	1	LOW	Q16	20.43	20.38	20.73	21.30
		MID	Q16	20.61	20.31	20.55	21.30
		HIGH	Q16	20.46	20.41	20.77	21.30
	12	LOW	Q16	20.19	20.41	20.20	21.30
		MID	Q16	20.38	20.22	20.41	21.30
		HIGH	Q16	20.38	20.18	20.53	21.30
	25	LOW	Q16	20.16	20.32	20.07	21.30
5	1	LOW	64QAM	20.42	20.46	20.60	21.30
		MID	64QAM	20.61	20.46	20.64	21.30
		HIGH	64QAM	20.66	20.45	20.64	21.30
	12	LOW	64QAM	20.16	20.41	20.33	21.30
		MID	64QAM	20.15	20.39	20.32	21.30
		HIGH	64QAM	20.30	20.43	20.52	21.30
	25	LOW	64QAM	20.12	20.35	20.35	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.14	20.17	20.22	21.30
		MID	QPSK	20.13	20.06	20.26	21.30
		HIGH	QPSK	20.25	20.18	20.36	21.30
	25	LOW	QPSK	20.27	20.29	20.29	21.30
		MID	QPSK	20.29	20.40	20.28	21.30
		HIGH	QPSK	20.22	20.36	20.43	21.30
	50	LOW	QPSK	20.38	20.31	20.30	21.30
10	1	LOW	Q16	20.53	20.34	20.50	21.30
		MID	Q16	20.44	20.45	20.82	21.30
		HIGH	Q16	20.43	20.32	20.81	21.30
	25	LOW	Q16	20.26	20.38	20.31	21.30
		MID	Q16	20.16	20.39	20.25	21.30
		HIGH	Q16	20.16	20.41	20.39	21.30
	50	LOW	Q16	20.23	20.21	20.24	21.30
10	1	LOW	64QAM	20.56	20.64	20.52	21.30
		MID	64QAM	20.43	20.37	20.80	21.30
		HIGH	64QAM	20.45	20.38	20.60	21.30
	25	LOW	64QAM	20.26	20.17	20.38	21.30
		MID	64QAM	20.33	20.48	20.53	21.30
		HIGH	64QAM	20.32	20.26	20.28	21.30
	50	LOW	64QAM	20.26	20.24	20.18	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.40	20.07	20.20	21.30
		MID	QPSK	20.32	20.27	20.38	21.30
		HIGH	QPSK	20.31	20.26	20.43	21.30
	36	LOW	QPSK	20.22	20.26	20.30	21.30
		MID	QPSK	20.26	20.43	20.40	21.30
		HIGH	QPSK	20.39	20.43	20.26	21.30
	75	LOW	QPSK	20.23	20.16	20.12	21.30
15	1	LOW	Q16	20.55	20.43	20.76	21.30
		MID	Q16	20.57	20.48	20.81	21.30
		HIGH	Q16	20.52	20.56	20.83	21.30
	36	LOW	Q16	20.39	20.24	20.27	21.30
		MID	Q16	20.18	20.40	20.48	21.30
		HIGH	Q16	20.20	20.45	20.36	21.30
	75	LOW	Q16	20.07	20.18	20.24	21.30
15	1	LOW	64QAM	20.56	20.59	20.57	21.30
		MID	64QAM	20.61	20.40	20.59	21.30
		HIGH	64QAM	20.71	20.31	20.85	21.30
	36	LOW	64QAM	20.30	20.20	20.39	21.30
		MID	64QAM	20.18	20.19	20.38	21.30
		HIGH	64QAM	20.30	20.39	20.39	21.30
	75	LOW	64QAM	20.24	20.32	20.16	21.30
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.27	20.21	20.25	21.30
		MID	QPSK	20.23	20.20	20.27	21.30
		HIGH	QPSK	20.24	20.24	**20.37**	21.30
	50	LOW	QPSK	20.29	20.29	20.22	21.30
		MID	QPSK	20.27	20.32	**20.34**	21.30
		HIGH	QPSK	20.26	20.30	**20.34**	21.30
	100	LOW	QPSK	20.27	**20.29**	20.23	21.30
20	1	LOW	Q16	20.57	20.49	20.65	21.30
		MID	Q16	20.55	20.37	20.70	21.30
		HIGH	Q16	20.58	20.46	20.71	21.30
	50	LOW	Q16	20.31	20.28	20.26	21.30
		MID	Q16	20.26	20.33	20.39	21.30
		HIGH	Q16	20.23	20.31	20.39	21.30
	100	LOW	Q16	20.22	20.27	20.21	21.30
20	1	LOW	64QAM	20.42	20.47	20.59	21.30
		MID	64QAM	20.43	20.31	20.74	21.30
		HIGH	64QAM	20.62	20.55	20.68	21.30
	50	LOW	64QAM	20.42	20.37	20.16	21.30
		MID	64QAM	20.17	20.32	20.33	21.30
		HIGH	64QAM	20.32	20.32	20.27	21.30
	100	LOW	64QAM	20.27	20.25	20.08	21.30

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.77	23.86	24.01	24.50
		MID	QPSK	23.94	23.91	23.98	24.50
		HIGH	QPSK	24.02	23.97	24.12	24.50
	12	LOW	QPSK	22.88	23.00	22.83	23.50
		MID	QPSK	22.88	22.93	23.04	23.50
		HIGH	QPSK	22.76	22.85	23.08	23.50
	25	LOW	QPSK	22.77	23.03	22.72	23.50
5	1	LOW	Q16	23.17	23.14	23.24	23.50
		MID	Q16	23.24	23.05	23.21	23.50
		HIGH	Q16	23.19	23.11	23.00	23.50
	12	LOW	Q16	21.99	21.90	21.73	22.50
		MID	Q16	21.73	21.79	21.98	22.50
		HIGH	Q16	21.78	21.78	22.01	22.50
	25	LOW	Q16	21.78	21.77	21.99	22.50
5	1	LOW	64QAM	22.16	22.13	22.00	22.50
		MID	64QAM	22.23	21.93	22.15	22.50
		HIGH	64QAM	22.05	22.04	22.06	22.50
	12	LOW	64QAM	20.98	20.76	20.75	21.50
		MID	64QAM	20.81	20.89	20.95	21.50
		HIGH	64QAM	20.87	20.88	20.90	21.50
	25	LOW	64QAM	20.79	20.95	20.75	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.94	23.80	23.74	24.50
		MID	QPSK	23.88	23.73	23.96	24.50
		HIGH	QPSK	23.76	23.77	23.96	24.50
	25	LOW	QPSK	23.05	22.84	22.87	23.50
		MID	QPSK	22.99	23.02	23.01	23.50
		HIGH	QPSK	22.83	22.77	23.04	23.50
	50	LOW	QPSK	22.92	22.82	22.77	23.50
10	1	LOW	Q16	23.08	22.97	23.22	23.50
		MID	Q16	23.03	22.99	23.27	23.50
		HIGH	Q16	23.29	23.09	23.14	23.50
	25	LOW	Q16	21.96	21.77	21.98	22.50
		MID	Q16	21.94	22.06	21.95	22.50
		HIGH	Q16	21.92	21.94	21.92	22.50
	50	LOW	Q16	21.96	21.95	21.90	22.50
10	1	LOW	64QAM	22.11	22.14	22.25	22.50
		MID	64QAM	22.20	21.85	22.27	22.50
		HIGH	64QAM	22.25	22.22	21.94	22.50
	25	LOW	64QAM	21.07	21.03	21.03	21.50
		MID	64QAM	20.99	21.01	20.98	21.50
		HIGH	64QAM	20.77	20.79	21.06	21.50
	50	LOW	64QAM	20.80	20.78	20.78	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.88	23.70	24.01	24.50
		MID	QPSK	23.89	23.67	23.98	24.50
		HIGH	QPSK	24.00	23.93	24.07	24.50
	36	LOW	QPSK	22.97	22.76	22.97	23.50
		MID	QPSK	22.86	22.93	22.82	23.50
		HIGH	QPSK	22.94	22.91	22.84	23.50
	75	LOW	QPSK	22.91	22.95	22.79	23.50
15	1	LOW	Q16	23.04	23.16	23.06	23.50
		MID	Q16	23.07	22.91	23.21	23.50
		HIGH	Q16	23.08	23.08	23.18	23.50
	36	LOW	Q16	21.92	21.92	21.78	22.50
		MID	Q16	21.87	21.96	21.96	22.50
		HIGH	Q16	21.99	21.97	22.10	22.50
	75	LOW	Q16	21.93	21.87	21.90	22.50
15	1	LOW	64QAM	22.25	21.92	22.21	22.50
		MID	64QAM	22.18	21.97	22.24	22.50
		HIGH	64QAM	22.16	22.11	22.13	22.50
	36	LOW	64QAM	21.06	20.90	20.76	21.50
		MID	64QAM	20.96	20.79	20.94	21.50
		HIGH	64QAM	20.77	20.89	20.92	21.50
	75	LOW	64QAM	20.73	20.81	20.76	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.83	23.81	23.88	24.50
		MID	QPSK	23.84	23.82	23.93	24.50
		HIGH	QPSK	23.91	23.83	24.02	24.50
	50	LOW	QPSK	22.90	22.90	22.84	23.50
		MID	QPSK	22.86	22.94	22.95	23.50
		HIGH	QPSK	22.84	22.90	22.94	23.50
	100	LOW	QPSK	22.82	22.88	22.86	23.50
20	1	LOW	Q16	23.18	23.04	23.28	23.50
		MID	Q16	23.12	22.97	23.15	23.50
		HIGH	Q16	23.16	23.13	23.16	23.50
	50	LOW	Q16	21.94	21.88	21.88	22.50
		MID	Q16	21.88	21.93	22.02	22.50
		HIGH	Q16	21.84	21.93	22.02	22.50
	100	LOW	Q16	21.83	21.89	21.86	22.50
20	1	LOW	64QAM	22.21	21.96	22.21	22.50
		MID	64QAM	22.01	21.82	22.20	22.50
		HIGH	64QAM	22.12	22.05	22.09	22.50
	50	LOW	64QAM	21.03	20.95	20.80	21.50
		MID	64QAM	20.76	20.79	21.13	21.50
		HIGH	64QAM	20.82	20.89	21.02	21.50
	100	LOW	64QAM	20.69	21.03	20.94	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	23.77	23.86	24.01	24.50
		MID	QPSK	23.94	23.91	23.98	24.50
		HIGH	QPSK	24.02	23.97	24.12	24.50
	12	LOW	QPSK	22.88	23.00	22.83	23.50
		MID	QPSK	22.88	22.93	23.04	23.50
		HIGH	QPSK	22.76	22.85	23.08	23.50
	25	LOW	QPSK	22.77	23.03	22.72	23.50
5	1	LOW	Q16	23.17	23.14	23.24	23.50
		MID	Q16	23.24	23.05	23.21	23.50
		HIGH	Q16	23.19	23.11	23.00	23.50
	12	LOW	Q16	21.99	21.90	21.73	22.50
		MID	Q16	21.73	21.79	21.98	22.50
		HIGH	Q16	21.78	21.78	22.01	22.50
	25	LOW	Q16	21.78	21.77	21.99	22.50
5	1	LOW	64QAM	22.16	22.13	22.00	22.50
		MID	64QAM	22.23	21.93	22.15	22.50
		HIGH	64QAM	22.05	22.04	22.06	22.50
	12	LOW	64QAM	20.98	20.76	20.75	21.50
		MID	64QAM	20.81	20.89	20.95	21.50
		HIGH	64QAM	20.87	20.88	20.90	21.50
	25	LOW	64QAM	20.79	20.95	20.75	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.94	23.80	23.74	24.50
		MID	QPSK	23.88	23.73	23.96	24.50
		HIGH	QPSK	23.76	23.77	23.96	24.50
	25	LOW	QPSK	23.05	22.84	22.87	23.50
		MID	QPSK	22.99	23.02	23.01	23.50
		HIGH	QPSK	22.83	22.77	23.04	23.50
	50	LOW	QPSK	22.92	22.82	22.77	23.50
10	1	LOW	Q16	23.08	22.97	23.22	23.50
		MID	Q16	23.03	22.99	23.27	23.50
		HIGH	Q16	23.29	23.09	23.14	23.50
	25	LOW	Q16	21.96	21.77	21.98	22.50
		MID	Q16	21.94	22.06	21.95	22.50
		HIGH	Q16	21.92	21.94	21.92	22.50
	50	LOW	Q16	21.96	21.95	21.90	22.50
10	1	LOW	64QAM	22.11	22.14	22.25	22.50
		MID	64QAM	22.20	21.85	22.27	22.50
		HIGH	64QAM	22.25	22.22	21.94	22.50
	25	LOW	64QAM	21.07	21.03	21.03	21.50
		MID	64QAM	20.99	21.01	20.98	21.50
		HIGH	64QAM	20.77	20.79	21.06	21.50
	50	LOW	64QAM	20.80	20.78	20.78	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.88	23.70	24.01	24.50
		MID	QPSK	23.89	23.67	23.98	24.50
		HIGH	QPSK	24.00	23.93	24.07	24.50
	36	LOW	QPSK	22.97	22.76	22.97	23.50
		MID	QPSK	22.86	22.93	22.82	23.50
		HIGH	QPSK	22.94	22.91	22.84	23.50
	75	LOW	QPSK	22.91	22.95	22.79	23.50
15	1	LOW	Q16	23.04	23.16	23.06	23.50
		MID	Q16	23.07	22.91	23.21	23.50
		HIGH	Q16	23.08	23.08	23.18	23.50
	36	LOW	Q16	21.92	21.92	21.78	22.50
		MID	Q16	21.87	21.96	21.96	22.50
		HIGH	Q16	21.99	21.97	22.10	22.50
	75	LOW	Q16	21.93	21.87	21.90	22.50
15	1	LOW	64QAM	22.25	21.92	22.21	22.50
		MID	64QAM	22.18	21.97	22.24	22.50
		HIGH	64QAM	22.16	22.11	22.13	22.50
	36	LOW	64QAM	21.06	20.90	20.76	21.50
		MID	64QAM	20.96	20.79	20.94	21.50
		HIGH	64QAM	20.77	20.89	20.92	21.50
	75	LOW	64QAM	20.73	20.81	20.76	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	23.83	23.81	23.88	24.50
		MID	QPSK	23.84	23.82	23.93	24.50
		HIGH	QPSK	23.91	23.83	**24.02**	24.50
	50	LOW	QPSK	22.90	22.90	22.84	23.50
		MID	QPSK	22.86	22.94	**22.95**	23.50
		HIGH	QPSK	22.84	22.90	22.94	23.50
	100	LOW	QPSK	22.82	**22.88**	22.86	23.50
20	1	LOW	Q16	23.18	23.04	23.28	23.50
		MID	Q16	23.12	22.97	23.15	23.50
		HIGH	Q16	23.16	23.13	23.16	23.50
	50	LOW	Q16	21.94	21.88	21.88	22.50
		MID	Q16	21.88	21.93	22.02	22.50
		HIGH	Q16	21.84	21.93	22.02	22.50
	100	LOW	Q16	21.83	21.89	21.86	22.50
20	1	LOW	64QAM	22.21	21.96	22.21	22.50
		MID	64QAM	22.01	21.82	22.20	22.50
		HIGH	64QAM	22.12	22.05	22.09	22.50
	50	LOW	64QAM	21.03	20.95	20.80	21.50
		MID	64QAM	20.76	20.79	21.13	21.50
		HIGH	64QAM	20.82	20.89	21.02	21.50
	100	LOW	64QAM	20.69	21.03	20.94	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.57	22.85	22.90	23.50
		MID	QPSK	22.76	22.59	22.76	23.50
		HIGH	QPSK	22.82	22.85	22.73	23.50
	12	LOW	QPSK	22.70	22.68	22.75	23.50
		MID	QPSK	22.86	22.77	22.82	23.50
		HIGH	QPSK	22.62	22.77	22.86	23.50
	25	LOW	QPSK	22.85	22.88	22.71	23.50
5	1	LOW	Q16	22.99	22.91	23.21	23.50
		MID	Q16	23.01	22.90	23.02	23.50
		HIGH	Q16	23.14	22.81	23.32	23.50
	12	LOW	Q16	21.77	21.70	21.68	22.50
		MID	Q16	21.62	21.92	21.70	22.50
		HIGH	Q16	21.72	21.74	21.73	22.50
	25	LOW	Q16	21.59	21.85	21.83	22.50
5	1	LOW	64QAM	22.06	21.97	22.05	22.50
		MID	64QAM	22.02	21.87	22.21	22.50
		HIGH	64QAM	21.88	22.04	22.12	22.50
	12	LOW	64QAM	20.70	20.77	20.58	21.50
		MID	64QAM	20.86	20.90	20.90	21.50
		HIGH	64QAM	20.61	20.69	20.71	21.50
	25	LOW	64QAM	20.78	20.78	20.68	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.66	22.60	22.77	23.50
		MID	QPSK	22.56	22.57	22.86	23.50
		HIGH	QPSK	22.56	22.59	22.85	23.50
	25	LOW	QPSK	22.82	22.82	22.61	23.50
		MID	QPSK	22.79	22.72	22.76	23.50
		HIGH	QPSK	22.60	22.79	22.91	23.50
	50	LOW	QPSK	22.62	22.68	22.78	23.50
10	1	LOW	Q16	23.08	22.72	23.02	23.50
		MID	Q16	22.93	22.95	23.18	23.50
		HIGH	Q16	23.06	22.90	23.23	23.50
	25	LOW	Q16	21.76	21.84	21.59	22.50
		MID	Q16	21.87	21.74	21.99	22.50
		HIGH	Q16	21.62	21.78	21.94	22.50
	50	LOW	Q16	21.55	21.76	21.70	22.50
10	1	LOW	64QAM	21.92	21.99	22.04	22.50
		MID	64QAM	21.89	21.91	22.26	22.50
		HIGH	64QAM	22.02	21.94	22.02	22.50
	25	LOW	64QAM	20.69	20.70	20.88	21.50
		MID	64QAM	20.86	20.89	20.90	21.50
		HIGH	64QAM	20.50	20.69	20.74	21.50
	50	LOW	64QAM	20.74	20.81	20.56	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.81	22.57	22.85	23.50
		MID	QPSK	22.65	22.73	22.77	23.50
		HIGH	QPSK	22.58	22.68	22.72	23.50
	36	LOW	QPSK	22.83	22.57	22.74	23.50
		MID	QPSK	22.66	22.71	22.94	23.50
		HIGH	QPSK	22.52	22.69	22.69	23.50
	75	LOW	QPSK	22.79	22.76	22.76	23.50
15	1	LOW	Q16	22.90	22.95	23.07	23.50
		MID	Q16	22.86	22.80	23.17	23.50
		HIGH	Q16	22.92	23.05	23.07	23.50
	36	LOW	Q16	21.77	21.81	21.71	22.50
		MID	Q16	21.84	21.73	21.91	22.50
		HIGH	Q16	21.67	21.71	21.80	22.50
	75	LOW	Q16	21.84	21.63	21.61	22.50
15	1	LOW	64QAM	22.08	22.01	22.25	22.50
		MID	64QAM	22.05	21.73	22.02	22.50
		HIGH	64QAM	22.07	21.88	22.03	22.50
	36	LOW	64QAM	20.86	20.60	20.76	21.50
		MID	64QAM	20.73	20.84	20.89	21.50
		HIGH	64QAM	20.56	20.86	20.88	21.50
	75	LOW	64QAM	20.62	20.59	20.73	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.67	22.71	22.75	23.50
		MID	QPSK	22.69	22.66	22.76	23.50
		HIGH	QPSK	22.69	22.71	**22.81**	23.50
	50	LOW	QPSK	22.75	22.72	22.68	23.50
		MID	QPSK	22.72	22.77	**22.80**	23.50
		HIGH	QPSK	22.67	22.74	22.78	23.50
	100	LOW	QPSK	22.70	**22.76**	22.69	23.50
20	1	LOW	Q16	23.05	22.87	23.14	23.50
		MID	Q16	22.98	22.86	23.14	23.50
		HIGH	Q16	23.01	22.95	23.17	23.50
	50	LOW	Q16	21.76	21.73	21.73	22.50
		MID	Q16	21.73	21.81	21.85	22.50
		HIGH	Q16	21.65	21.78	21.83	22.50
	100	LOW	Q16	21.69	21.74	21.69	22.50
20	1	LOW	64QAM	22.08	22.00	22.08	22.50
		MID	64QAM	21.99	21.99	22.24	22.50
		HIGH	64QAM	21.89	21.85	22.17	22.50
	50	LOW	64QAM	20.63	20.76	20.62	21.50
		MID	64QAM	20.63	20.71	20.82	21.50
		HIGH	64QAM	20.78	20.64	20.85	21.50
	100	LOW	64QAM	20.64	20.64	20.71	21.50

LTE B38-Full Power -Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	21.89	21.66	21.76	23.10
		MID	QPSK	21.85	21.74	21.66	23.10
		HIGH	QPSK	21.70	21.72	21.61	23.10
	12	LOW	QPSK	21.00	21.08	20.99	22.10
		MID	QPSK	20.87	21.08	20.86	22.10
		HIGH	QPSK	21.03	21.08	20.93	22.10
	25	LOW	QPSK	20.89	20.77	21.11	22.10
5	1	LOW	Q16	21.06	20.92	21.17	22.10
		MID	Q16	21.04	21.05	21.11	22.10
		HIGH	Q16	20.92	21.12	21.24	22.10
	12	LOW	Q16	20.02	20.13	20.19	21.10
		MID	Q16	20.01	19.97	19.92	21.10
		HIGH	Q16	20.04	20.14	19.95	21.10
	25	LOW	Q16	20.00	19.97	20.06	21.10
5	1	LOW	64QAM	20.05	20.11	19.94	21.10
		MID	64QAM	20.06	20.00	20.21	21.10
		HIGH	64QAM	20.05	20.16	19.89	21.10
	12	LOW	64QAM	19.05	18.86	19.09	20.10
		MID	64QAM	19.04	19.03	18.93	20.10
		HIGH	64QAM	19.04	19.01	18.89	20.10
	25	LOW	64QAM	19.02	19.08	19.01	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	21.82	21.54	21.85	23.10
		MID	QPSK	21.81	21.65	21.60	23.10
		HIGH	QPSK	21.74	21.71	21.62	23.10
	25	LOW	QPSK	20.97	21.01	21.04	22.10
		MID	QPSK	20.87	21.12	20.90	22.10
		HIGH	QPSK	21.06	21.07	21.01	22.10
	50	LOW	QPSK	20.87	20.93	21.04	22.10
10	1	LOW	Q16	21.03	20.98	21.03	22.10
		MID	Q16	21.17	21.05	21.02	22.10
		HIGH	Q16	20.98	21.10	21.20	22.10
	25	LOW	Q16	19.99	20.05	20.11	21.10
		MID	Q16	19.95	20.01	20.00	21.10
		HIGH	Q16	20.03	20.17	20.03	21.10
	50	LOW	Q16	20.09	19.93	19.98	21.10
10	1	LOW	64QAM	19.90	20.10	19.99	21.10
		MID	64QAM	20.00	20.05	20.22	21.10
		HIGH	64QAM	20.11	20.20	19.94	21.10
	25	LOW	64QAM	19.00	18.91	19.22	20.10
		MID	64QAM	19.03	18.96	18.99	20.10
		HIGH	64QAM	19.02	19.03	18.97	20.10
	50	LOW	64QAM	19.01	19.12	18.90	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	21.89	21.62	21.77	23.10
		MID	QPSK	21.84	21.69	21.65	23.10
		HIGH	QPSK	21.78	21.70	21.65	23.10
	36	LOW	QPSK	21.02	21.01	21.04	22.10
		MID	QPSK	20.87	21.10	20.94	22.10
		HIGH	QPSK	21.01	21.03	20.97	22.10
	75	LOW	QPSK	20.95	20.86	21.09	22.10
15	1	LOW	Q16	21.07	20.98	21.10	22.10
		MID	Q16	21.09	21.13	21.06	22.10
		HIGH	Q16	21.01	21.11	21.17	22.10
	36	LOW	Q16	20.02	20.08	20.12	21.10
		MID	Q16	20.00	20.00	20.01	21.10
		HIGH	Q16	20.01	20.22	20.01	21.10
	75	LOW	Q16	20.03	20.02	20.02	21.10
15	1	LOW	64QAM	19.98	20.10	20.01	21.10
		MID	64QAM	20.05	20.01	20.18	21.10
		HIGH	64QAM	20.08	20.13	19.96	21.10
	36	LOW	64QAM	19.05	18.87	19.15	20.10
		MID	64QAM	19.04	19.03	18.92	20.10
		HIGH	64QAM	18.99	19.04	18.97	20.10
	75	LOW	64QAM	18.95	19.13	18.96	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	21.86	21.70	21.79	23.10
		MID	QPSK	21.82	21.68	21.70	23.10
		HIGH	QPSK	21.76	21.72	21.73	23.10
	50	LOW	QPSK	20.99	21.07	21.13	22.10
		MID	QPSK	20.95	21.14	21.03	22.10
		HIGH	QPSK	20.96	21.03	20.99	22.10
	100	LOW	QPSK	21.04	20.94	21.10	22.10
20	1	LOW	Q16	21.10	21.04	21.06	22.10
		MID	Q16	21.05	21.10	21.03	22.10
		HIGH	Q16	20.97	21.04	21.10	22.10
	50	LOW	Q16	19.97	20.04	20.13	21.10
		MID	Q16	20.06	19.99	20.05	21.10
		HIGH	Q16	20.08	20.14	20.04	21.10
	100	LOW	Q16	20.06	20.10	20.01	21.10
20	1	LOW	64QAM	19.94	20.11	20.08	21.10
		MID	64QAM	20.05	20.01	20.12	21.10
		HIGH	64QAM	20.04	20.11	20.03	21.10
	50	LOW	64QAM	18.98	18.93	19.08	20.10
		MID	64QAM	19.01	19.03	18.93	20.10
		HIGH	64QAM	19.04	18.98	18.91	20.10
	100	LOW	64QAM	18.97	19.15	18.91	20.10

LTE B38-Level1 -Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.26	20.21	20.35	21.60
		MID	QPSK	20.22	20.20	20.06	21.60
		HIGH	QPSK	20.24	20.09	20.08	21.60
	12	LOW	QPSK	20.12	19.96	20.10	21.60
		MID	QPSK	20.11	20.20	20.05	21.60
		HIGH	QPSK	19.87	20.19	20.15	21.60
	25	LOW	QPSK	20.13	20.03	19.93	21.60
5	1	LOW	Q16	20.04	20.19	19.94	21.60
		MID	Q16	19.98	20.13	20.09	21.60
		HIGH	Q16	19.99	19.99	20.19	21.60
	12	LOW	Q16	19.86	20.03	19.99	21.10
		MID	Q16	20.09	20.06	19.90	21.10
		HIGH	Q16	19.97	19.98	19.85	21.10
	25	LOW	Q16	20.11	20.18	20.11	21.10
5	1	LOW	64QAM	19.96	19.90	20.13	21.10
		MID	64QAM	20.21	20.15	19.87	21.10
		HIGH	64QAM	20.23	20.09	20.11	21.10
	12	LOW	64QAM	18.90	19.17	18.86	20.10
		MID	64QAM	18.92	19.06	18.85	20.10
		HIGH	64QAM	19.18	19.23	18.92	20.10
	25	LOW	64QAM	19.10	19.00	18.93	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.16	20.14	20.32	21.60
		MID	QPSK	20.20	20.19	20.09	21.60
		HIGH	QPSK	20.22	20.13	20.17	21.60
	25	LOW	QPSK	20.15	20.02	20.04	21.60
		MID	QPSK	20.13	20.24	20.16	21.60
		HIGH	QPSK	19.91	20.07	20.07	21.60
	50	LOW	QPSK	20.13	20.04	19.97	21.60
10	1	LOW	Q16	20.07	20.11	20.01	21.60
		MID	Q16	20.11	20.19	20.04	21.60
		HIGH	Q16	20.14	20.01	20.13	21.60
	25	LOW	Q16	19.99	20.01	19.92	21.10
		MID	Q16	20.13	20.12	19.85	21.10
		HIGH	Q16	19.98	20.06	20.01	21.10
	50	LOW	Q16	20.11	20.13	20.13	21.10
10	1	LOW	64QAM	19.89	19.97	20.18	21.10
		MID	64QAM	20.18	20.18	19.96	21.10
		HIGH	64QAM	20.17	20.04	20.18	21.10
	25	LOW	64QAM	18.93	19.04	19.03	20.10
		MID	64QAM	18.90	19.05	18.84	20.10
		HIGH	64QAM	19.23	19.11	18.88	20.10
	50	LOW	64QAM	19.19	18.97	18.95	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.22	20.09	20.30	21.60
		MID	QPSK	20.18	20.17	20.18	21.60
		HIGH	QPSK	20.22	20.08	20.15	21.60
	36	LOW	QPSK	20.06	20.09	20.02	21.60
		MID	QPSK	20.07	20.07	20.07	21.60
		HIGH	QPSK	19.89	20.13	20.13	21.60
	75	LOW	QPSK	20.16	20.10	19.86	21.60
15	1	LOW	Q16	20.07	20.10	19.88	21.60
		MID	Q16	20.08	20.23	20.08	21.60
		HIGH	Q16	20.00	19.86	20.13	21.60
	36	LOW	Q16	19.95	20.04	19.92	21.10
		MID	Q16	20.11	20.12	19.86	21.10
		HIGH	Q16	20.01	20.11	19.90	21.10
	75	LOW	Q16	20.15	20.13	20.19	21.10
15	1	LOW	64QAM	20.04	19.89	20.13	21.10
		MID	64QAM	20.24	20.12	19.98	21.10
		HIGH	64QAM	20.20	20.19	20.17	21.10
	36	LOW	64QAM	18.90	19.11	18.88	20.10
		MID	64QAM	18.99	18.97	18.88	20.10
		HIGH	64QAM	19.07	19.22	19.01	20.10
	75	LOW	64QAM	19.25	18.99	18.94	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.25	20.15	**20.28**	21.60
		MID	QPSK	20.15	20.13	20.12	21.60
		HIGH	QPSK	20.20	20.10	20.14	21.60
	50	LOW	QPSK	20.09	20.01	20.06	21.60
		MID	QPSK	20.11	**20.16**	20.14	21.60
		HIGH	QPSK	19.91	20.12	20.11	21.60
	100	LOW	QPSK	**20.16**	20.12	19.92	21.60
20	1	LOW	Q16	20.02	20.18	19.96	21.60
		MID	Q16	20.05	20.17	20.02	21.60
		HIGH	Q16	20.08	19.93	20.15	21.60
	50	LOW	Q16	19.94	20.08	19.97	21.10
		MID	Q16	20.10	20.11	19.94	21.10
		HIGH	Q16	20.03	20.05	19.93	21.10
	100	LOW	Q16	20.17	20.15	20.14	21.10
20	1	LOW	64QAM	19.97	19.96	20.14	21.10
		MID	64QAM	20.17	20.11	19.94	21.10
		HIGH	64QAM	20.18	20.13	20.18	21.10
	50	LOW	64QAM	18.96	19.10	18.95	20.10
		MID	64QAM	18.92	19.02	18.93	20.10
		HIGH	64QAM	19.15	19.17	18.95	20.10
	100	LOW	64QAM	19.18	18.99	18.96	20.10

LTE B38-Level2 -Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.26	20.21	20.35	21.60
		MID	QPSK	20.22	20.20	20.06	21.60
		HIGH	QPSK	20.24	20.09	20.08	21.60
	12	LOW	QPSK	20.12	19.96	20.10	21.60
		MID	QPSK	20.11	20.20	20.05	21.60
		HIGH	QPSK	19.87	20.19	20.15	21.60
	25	LOW	QPSK	20.13	20.03	19.93	21.60
5	1	LOW	Q16	20.04	20.19	19.94	21.60
		MID	Q16	19.98	20.13	20.09	21.60
		HIGH	Q16	19.99	19.99	20.19	21.60
	12	LOW	Q16	19.86	20.03	19.99	21.10
		MID	Q16	20.09	20.06	19.90	21.10
		HIGH	Q16	19.97	19.98	19.85	21.10
	25	LOW	Q16	20.11	20.18	20.11	21.10
5	1	LOW	64QAM	19.96	19.90	20.13	21.10
		MID	64QAM	20.21	20.15	19.87	21.10
		HIGH	64QAM	20.23	20.09	20.11	21.10
	12	LOW	64QAM	18.90	19.17	18.86	20.10
		MID	64QAM	18.92	19.06	18.85	20.10
		HIGH	64QAM	19.18	19.23	18.92	20.10
	25	LOW	64QAM	19.10	19.00	18.93	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.16	20.14	20.32	21.60
		MID	QPSK	20.20	20.19	20.09	21.60
		HIGH	QPSK	20.22	20.13	20.17	21.60
	25	LOW	QPSK	20.15	20.02	20.04	21.60
		MID	QPSK	20.13	20.24	20.16	21.60
		HIGH	QPSK	19.91	20.07	20.07	21.60
	50	LOW	QPSK	20.13	20.04	19.97	21.60
10	1	LOW	Q16	20.07	20.11	20.01	21.60
		MID	Q16	20.11	20.19	20.04	21.60
		HIGH	Q16	20.14	20.01	20.13	21.60
	25	LOW	Q16	19.99	20.01	19.92	21.10
		MID	Q16	20.13	20.12	19.85	21.10
		HIGH	Q16	19.98	20.06	20.01	21.10
	50	LOW	Q16	20.11	20.13	20.13	21.10
10	1	LOW	64QAM	19.89	19.97	20.18	21.10
		MID	64QAM	20.18	20.18	19.96	21.10
		HIGH	64QAM	20.17	20.04	20.18	21.10
	25	LOW	64QAM	18.93	19.04	19.03	20.10
		MID	64QAM	18.90	19.05	18.84	20.10
		HIGH	64QAM	19.23	19.11	18.88	20.10
	50	LOW	64QAM	19.19	18.97	18.95	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.25	20.15	20.28	21.60
		MID	QPSK	20.15	20.13	20.12	21.60
		HIGH	QPSK	20.20	20.10	20.14	21.60
	36	LOW	QPSK	20.09	20.01	20.06	21.60
		MID	QPSK	20.11	20.16	20.14	21.60
		HIGH	QPSK	19.91	20.12	20.11	21.60
	75	LOW	QPSK	20.16	20.12	19.92	21.60
15	1	LOW	Q16	20.02	20.18	19.96	21.60
		MID	Q16	20.05	20.17	20.02	21.60
		HIGH	Q16	20.08	19.93	20.15	21.60
	36	LOW	Q16	19.94	20.08	19.97	21.10
		MID	Q16	20.10	20.11	19.94	21.10
		HIGH	Q16	20.03	20.05	19.93	21.10
	75	LOW	Q16	20.17	20.15	20.14	21.10
15	1	LOW	64QAM	19.97	19.96	20.14	21.10
		MID	64QAM	20.17	20.11	19.94	21.10
		HIGH	64QAM	20.18	20.13	20.18	21.10
	36	LOW	64QAM	18.96	19.10	18.95	20.10
		MID	64QAM	18.92	19.02	18.93	20.10
		HIGH	64QAM	19.15	19.17	18.95	20.10
	75	LOW	64QAM	19.18	18.99	18.96	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.25	20.15	**20.28**	21.60
		MID	QPSK	20.15	20.13	20.12	21.60
		HIGH	QPSK	20.20	20.10	20.14	21.60
	50	LOW	QPSK	20.09	20.01	20.06	21.60
		MID	QPSK	20.11	**20.16**	20.14	21.60
		HIGH	QPSK	19.91	20.12	20.11	21.60
	100	LOW	QPSK	**20.16**	20.12	19.92	21.60
20	1	LOW	Q16	20.02	20.18	19.96	21.60
		MID	Q16	20.05	20.17	20.02	21.60
		HIGH	Q16	20.08	19.93	20.15	21.60
	50	LOW	Q16	19.94	20.08	19.97	21.10
		MID	Q16	20.10	20.11	19.94	21.10
		HIGH	Q16	20.03	20.05	19.93	21.10
	100	LOW	Q16	20.17	20.15	20.14	21.10
20	1	LOW	64QAM	19.97	19.96	20.14	21.10
		MID	64QAM	20.17	20.11	19.94	21.10
		HIGH	64QAM	20.18	20.13	20.18	21.10
	50	LOW	64QAM	18.96	19.10	18.95	20.10
		MID	64QAM	18.92	19.02	18.93	20.10
		HIGH	64QAM	19.15	19.17	18.95	20.10
	100	LOW	64QAM	19.18	18.99	18.96	20.10

8.3.10 LTE Band41 Output Power

LTE B41-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.39	23.48	23.62	**23.97**	23.75	24.50
		MID	QPSK	23.46	23.55	23.63	23.87	23.84	24.50
		HIGH	QPSK	23.51	23.62	23.88	23.75	23.93	24.50
	12	LOW	QPSK	22.49	22.74	22.67	22.84	22.86	23.50
		MID	QPSK	22.60	22.84	22.69	22.94	22.83	23.50
		HIGH	QPSK	22.79	22.83	22.77	22.77	22.90	23.50
	25	LOW	QPSK	22.72	22.75	22.65	22.95	23.01	23.50
5	1	LOW	Q16	22.90	22.89	22.99	23.24	23.19	23.50
		MID	Q16	22.66	22.94	22.75	23.20	22.98	23.50
		HIGH	Q16	22.88	22.95	22.91	23.20	23.15	23.50
	12	LOW	Q16	21.60	21.54	21.77	22.05	21.79	22.50
		MID	Q16	21.57	21.72	21.78	21.86	22.08	22.50
		HIGH	Q16	21.79	21.70	22.00	22.07	22.06	22.50
	25	LOW	Q16	21.67	21.88	21.70	22.06	22.04	22.50
5	1	LOW	64QAM	21.79	21.82	21.82	22.20	22.17	22.50
		MID	64QAM	21.95	21.75	21.90	22.25	21.98	22.50
		HIGH	64QAM	21.83	21.91	21.99	22.18	22.09	22.50
	12	LOW	64QAM	20.69	20.69	20.89	20.85	20.88	21.50
		MID	64QAM	20.73	20.88	20.92	21.07	20.96	21.50
		HIGH	64QAM	20.51	20.69	20.89	20.83	21.06	21.50
	25	LOW	64QAM	20.64	20.81	20.88	20.84	20.87	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.36	23.64	23.74	23.80	23.80	24.50
		MID	QPSK	23.50	23.42	23.50	23.70	23.79	24.50
		HIGH	QPSK	23.67	23.50	23.80	**23.92**	23.78	24.50
	25	LOW	QPSK	22.69	22.62	22.85	22.85	22.94	23.50
		MID	QPSK	22.75	22.60	22.94	22.91	22.91	23.50
		HIGH	QPSK	22.70	22.73	22.72	23.00	22.79	23.50
	50	LOW	QPSK	22.79	22.76	22.74	22.90	22.96	23.50
10	1	LOW	Q16	22.88	22.90	22.95	23.26	23.30	23.50
		MID	Q16	22.67	22.81	22.89	23.19	23.19	23.50
		HIGH	Q16	22.81	22.80	23.07	23.21	23.18	23.50
	25	LOW	Q16	21.46	21.53	21.84	22.09	21.75	22.50
		MID	Q16	21.53	21.69	21.74	21.86	22.03	22.50
		HIGH	Q16	21.62	21.64	21.87	21.94	21.97	22.50
	50	LOW	Q16	21.68	21.74	21.68	21.79	22.05	22.50
10	1	LOW	64QAM	21.65	21.77	21.83	22.16	22.27	22.50
		MID	64QAM	21.83	21.73	22.00	22.07	22.20	22.50
		HIGH	64QAM	21.93	22.01	22.03	22.25	22.13	22.50
	25	LOW	64QAM	20.52	20.60	20.90	20.95	20.92	21.50
		MID	64QAM	20.82	20.73	20.77	20.81	20.97	21.50
		HIGH	64QAM	20.55	20.70	20.74	20.95	21.00	21.50
	50	LOW	64QAM	20.62	20.74	20.90	20.98	20.75	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.62	23.55	23.85	23.70	23.74	24.50
		MID	QPSK	23.61	23.66	23.66	23.76	23.75	24.50
		HIGH	QPSK	23.53	23.64	23.74	**23.97**	23.85	24.50
	36	LOW	QPSK	22.50	22.49	22.76	22.91	23.00	23.50
		MID	QPSK	22.68	22.82	22.67	23.00	23.00	23.50
		HIGH	QPSK	22.59	22.62	22.73	22.86	23.04	23.50
	75	LOW	QPSK	22.63	22.82	22.70	22.87	22.80	23.50
15	1	LOW	Q16	22.86	22.72	22.92	23.11	23.22	23.50
		MID	Q16	22.72	22.78	23.01	23.25	23.27	23.50
		HIGH	Q16	22.96	22.98	22.96	23.23	23.29	23.50
	36	LOW	Q16	21.56	21.67	21.82	21.81	21.87	22.50
		MID	Q16	21.63	21.83	21.82	22.01	22.14	22.50
		HIGH	Q16	21.67	21.65	21.91	22.10	21.93	22.50
	75	LOW	Q16	21.83	21.60	21.77	21.80	21.90	22.50
15	1	LOW	64QAM	21.67	21.97	21.95	22.16	22.23	22.50
		MID	64QAM	21.86	21.94	21.83	22.02	22.05	22.50
		HIGH	64QAM	21.77	21.97	22.12	22.21	22.22	22.50
	36	LOW	64QAM	20.64	20.73	20.91	20.92	21.04	21.50
		MID	64QAM	20.57	20.64	20.82	20.87	21.12	21.50
		HIGH	64QAM	20.77	20.57	20.85	20.93	20.81	21.50
	75	LOW	64QAM	20.67	20.90	20.83	21.00	20.88	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.48	23.54	23.73	23.85	23.85	24.50
		MID	QPSK	23.56	23.57	23.63	23.78	23.80	24.50
		HIGH	QPSK	23.52	23.58	23.73	23.84	**23.87**	24.50
	50	LOW	QPSK	22.58	22.64	22.81	22.87	22.85	23.50
		MID	QPSK	22.69	22.75	22.80	22.90	22.92	23.50
		HIGH	QPSK	22.66	22.72	22.83	22.91	22.89	23.50
	100	LOW	QPSK	22.68	22.71	22.73	22.90	22.93	23.50
20	1	LOW	Q16	22.78	22.86	22.92	23.24	23.25	23.50
		MID	Q16	22.81	22.88	22.88	23.15	23.13	23.50
		HIGH	Q16	22.88	22.88	22.99	23.25	23.28	23.50
	50	LOW	Q16	21.54	21.65	21.80	21.96	21.89	22.50
		MID	Q16	21.68	21.78	21.82	21.95	22.00	22.50
		HIGH	Q16	21.66	21.70	21.88	21.96	21.95	22.50
	100	LOW	Q16	21.69	21.75	21.80	21.92	21.90	22.50
20	1	LOW	64QAM	21.70	21.88	21.82	22.21	22.16	22.50
		MID	64QAM	21.95	22.01	21.96	22.23	22.24	22.50
		HIGH	64QAM	21.80	21.80	22.07	22.18	22.18	22.50
	50	LOW	64QAM	20.42	20.51	20.86	21.07	20.79	21.50
		MID	64QAM	20.71	20.63	20.67	20.83	20.93	21.50
		HIGH	64QAM	20.51	20.56	21.01	20.92	21.01	21.50
	100	LOW	64QAM	20.58	20.80	20.94	21.07	21.04	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	15.16	15.10	15.37	15.65	15.27	16.50
		MID	QPSK	15.08	15.39	15.32	15.59	15.23	16.50
		HIGH	QPSK	15.34	15.30	15.32	15.50	15.61	16.50
	12	LOW	QPSK	15.26	15.44	15.44	15.45	15.47	16.50
		MID	QPSK	15.44	15.46	15.48	15.60	15.36	16.50
		HIGH	QPSK	15.47	15.40	15.65	15.53	15.38	16.50
	25	LOW	QPSK	15.39	15.45	15.53	15.58	15.46	16.50
5	1	LOW	Q16	15.46	15.70	15.84	15.89	15.81	16.50
		MID	Q16	15.53	15.62	15.74	15.72	15.62	16.50
		HIGH	Q16	15.72	15.65	15.74	15.88	15.92	16.50
	12	LOW	Q16	15.19	15.21	15.52	15.61	15.30	16.50
		MID	Q16	15.30	15.41	15.49	15.65	15.56	16.50
		HIGH	Q16	15.50	15.39	15.69	15.59	15.58	16.50
	25	LOW	Q16	15.34	15.31	15.37	15.49	15.63	16.50
5	1	LOW	64QAM	15.31	15.81	15.75	15.89	15.81	16.50
		MID	64QAM	15.52	15.62	15.61	15.82	15.86	16.50
		HIGH	64QAM	15.60	15.80	15.85	15.94	15.67	16.50
	12	LOW	64QAM	15.22	15.30	15.64	15.54	15.51	16.50
		MID	64QAM	15.39	15.28	15.44	15.63	15.66	16.50
		HIGH	64QAM	15.23	15.47	15.63	15.49	15.36	16.50
	25	LOW	64QAM	15.27	15.45	15.46	15.39	15.48	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	15.02	15.25	15.44	15.40	15.53	16.50
		MID	QPSK	15.35	15.26	15.30	15.38	15.25	16.50
		HIGH	QPSK	15.29	15.38	15.49	15.35	15.59	16.50
	25	LOW	QPSK	15.38	15.21	15.58	15.57	15.42	16.50
		MID	QPSK	15.31	15.46	15.42	15.56	15.37	16.50
		HIGH	QPSK	15.30	15.42	15.59	15.33	15.56	16.50
	50	LOW	QPSK	15.32	15.43	15.57	15.48	15.43	16.50
10	1	LOW	Q16	15.59	15.83	15.89	15.91	15.98	16.50
		MID	Q16	15.54	15.55	15.74	15.95	15.59	16.50
		HIGH	Q16	15.76	15.63	15.63	15.94	15.70	16.50
	25	LOW	Q16	15.17	15.40	15.64	15.68	15.59	16.50
		MID	Q16	15.24	15.42	15.54	15.64	15.52	16.50
		HIGH	Q16	15.42	15.40	15.46	15.52	15.61	16.50
	50	LOW	Q16	15.23	15.53	15.52	15.60	15.60	16.50
10	1	LOW	64QAM	15.44	15.83	15.86	16.06	15.87	16.50
		MID	64QAM	15.37	15.70	15.56	15.78	15.60	16.50
		HIGH	64QAM	15.62	15.71	15.58	15.94	15.75	16.50
	25	LOW	64QAM	15.37	15.37	15.48	15.58	15.29	16.50
		MID	64QAM	15.40	15.33	15.66	15.60	15.67	16.50
		HIGH	64QAM	15.37	15.54	15.68	15.65	15.41	16.50
	50	LOW	64QAM	15.20	15.33	15.65	15.61	15.44	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	15.20	15.12	15.21	15.58	15.47	16.50
		MID	QPSK	15.38	15.36	15.38	15.41	15.23	16.50
		HIGH	QPSK	15.09	15.22	15.44	15.29	15.48	16.50
	36	LOW	QPSK	15.45	15.29	15.57	15.58	15.35	16.50
		MID	QPSK	15.42	15.35	15.36	15.53	15.56	16.50
		HIGH	QPSK	15.43	15.49	15.54	15.60	15.49	16.50
	75	LOW	QPSK	15.48	15.41	15.56	15.47	15.41	16.50
15	1	LOW	Q16	15.55	15.58	15.92	15.87	15.91	16.50
		MID	Q16	15.45	15.83	15.77	15.94	15.69	16.50
		HIGH	Q16	15.55	15.66	15.65	16.03	15.76	16.50
	36	LOW	Q16	15.27	15.43	15.52	15.53	15.30	16.50
		MID	Q16	15.29	15.56	15.60	15.43	15.57	16.50
		HIGH	Q16	15.21	15.41	15.50	15.45	15.63	16.50
	75	LOW	Q16	15.21	15.46	15.62	15.40	15.57	16.50
15	1	LOW	64QAM	15.51	15.73	15.72	15.83	15.84	16.50
		MID	64QAM	15.48	15.81	15.57	15.79	15.83	16.50
		HIGH	64QAM	15.76	15.61	15.85	16.01	15.74	16.50
	36	LOW	64QAM	15.25	15.31	15.41	15.55	15.53	16.50
		MID	64QAM	15.38	15.29	15.61	15.52	15.63	16.50
		HIGH	64QAM	15.23	15.47	15.68	15.67	15.64	16.50
	75	LOW	64QAM	15.42	15.43	15.44	15.61	15.53	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	15.15	15.23	15.36	15.50	15.40	16.50
		MID	QPSK	15.23	15.33	15.31	15.45	15.36	16.50
		HIGH	QPSK	15.22	15.29	15.36	15.42	**15.53**	16.50
	50	LOW	QPSK	15.31	15.35	15.38	15.47	15.37	16.50
		MID	QPSK	15.35	15.44	15.44	15.46	**15.52**	16.50
		HIGH	QPSK	15.41	15.46	15.51	15.43	15.41	16.50
	100	LOW	QPSK	15.37	15.44	15.45	**15.48**	15.42	16.50
20	1	LOW	Q16	15.44	15.68	15.85	15.98	15.84	16.50
		MID	Q16	15.49	15.69	15.64	15.80	15.73	16.50
		HIGH	Q16	15.64	15.71	15.72	15.93	15.82	16.50
	50	LOW	Q16	15.29	15.34	15.53	15.59	15.44	16.50
		MID	Q16	15.34	15.41	15.51	15.57	15.52	16.50
		HIGH	Q16	15.36	15.43	15.60	15.54	15.49	16.50
	100	LOW	Q16	15.35	15.43	15.50	15.53	15.50	16.50
20	1	LOW	64QAM	15.33	15.67	15.90	15.91	15.87	16.50
		MID	64QAM	15.52	15.81	15.64	15.86	15.84	16.50
		HIGH	64QAM	15.64	15.76	15.83	15.84	15.72	16.50
	50	LOW	64QAM	15.33	15.49	15.53	15.71	15.54	16.50
		MID	64QAM	15.27	15.53	15.57	15.50	15.41	16.50
		HIGH	64QAM	15.49	15.44	15.46	15.69	15.49	16.50
	100	LOW	64QAM	15.28	15.28	15.47	15.56	15.39	16.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.16	20.08	20.30	20.49	20.46	21.50
		MID	QPSK	20.24	20.14	20.42	20.26	20.24	21.50
		HIGH	QPSK	20.34	20.34	20.42	20.29	20.34	21.50
	12	LOW	QPSK	20.18	20.27	20.59	20.59	20.34	21.50
		MID	QPSK	20.51	20.30	20.39	20.61	20.43	21.50
		HIGH	QPSK	20.44	20.29	20.44	20.30	20.48	21.50
	25	LOW	QPSK	20.36	20.28	20.36	20.60	20.32	21.50
5	1	LOW	Q16	20.34	20.67	20.57	20.74	20.89	21.50
		MID	Q16	20.42	20.69	20.43	20.63	20.84	21.50
		HIGH	Q16	20.48	20.70	20.88	20.78	20.78	21.50
	12	LOW	Q16	20.22	20.25	20.39	20.51	20.29	21.50
		MID	Q16	20.32	20.56	20.38	20.65	20.61	21.50
		HIGH	Q16	20.37	20.50	20.43	20.54	20.53	21.50
	25	LOW	Q16	20.27	20.34	20.40	20.35	20.36	21.50
5	1	LOW	64QAM	20.31	20.47	20.59	20.83	20.93	21.50
		MID	64QAM	20.67	20.53	20.57	20.83	20.71	21.50
		HIGH	64QAM	20.72	20.56	20.75	21.00	20.96	21.50
	12	LOW	64QAM	20.38	20.30	20.49	20.73	20.37	21.50
		MID	64QAM	20.34	20.58	20.54	20.58	20.49	21.50
		HIGH	64QAM	20.50	20.47	20.58	20.37	20.49	21.50
	25	LOW	64QAM	20.26	20.36	20.55	20.61	20.50	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.25	20.14	20.34	20.46	20.31	21.50
		MID	QPSK	20.27	20.24	20.37	20.49	20.22	21.50
		HIGH	QPSK	20.25	20.14	20.29	20.37	20.30	21.50
	25	LOW	QPSK	20.42	20.41	20.38	20.39	20.32	21.50
		MID	QPSK	20.45	20.39	20.34	20.44	20.34	21.50
		HIGH	QPSK	20.38	20.43	20.52	20.36	20.31	21.50
	50	LOW	QPSK	20.48	20.27	20.53	20.37	20.51	21.50
10	1	LOW	Q16	20.51	20.64	20.58	20.93	20.66	21.50
		MID	Q16	20.41	20.70	20.53	20.65	20.66	21.50
		HIGH	Q16	20.69	20.55	20.87	20.76	20.72	21.50
	25	LOW	Q16	20.31	20.25	20.65	20.69	20.42	21.50
		MID	Q16	20.27	20.47	20.62	20.68	20.58	21.50
		HIGH	Q16	20.46	20.27	20.60	20.47	20.35	21.50
	50	LOW	Q16	20.31	20.35	20.38	20.56	20.50	21.50
10	1	LOW	64QAM	20.32	20.46	20.78	20.73	20.85	21.50
		MID	64QAM	20.56	20.48	20.64	20.71	20.87	21.50
		HIGH	64QAM	20.57	20.58	20.96	21.01	20.84	21.50
	25	LOW	64QAM	20.39	20.30	20.49	20.57	20.47	21.50
		MID	64QAM	20.39	20.30	20.60	20.65	20.48	21.50
		HIGH	64QAM	20.32	20.51	20.53	20.65	20.59	21.50
	50	LOW	64QAM	20.50	20.30	20.34	20.56	20.51	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.16	20.23	20.52	20.54	20.45	21.50
		MID	QPSK	20.34	20.27	20.34	20.28	20.29	21.50
		HIGH	QPSK	20.35	20.24	20.37	20.55	20.44	21.50
	36	LOW	QPSK	20.17	20.35	20.60	20.48	20.48	21.50
		MID	QPSK	20.37	20.29	20.47	20.54	20.55	21.50
		HIGH	QPSK	20.47	20.33	20.66	20.39	20.34	21.50
	75	LOW	QPSK	20.51	20.46	20.37	20.36	20.51	21.50
15	1	LOW	Q16	20.55	20.60	20.63	20.79	20.83	21.50
		MID	Q16	20.39	20.48	20.49	20.79	20.61	21.50
		HIGH	Q16	20.67	20.71	20.73	20.84	20.82	21.50
	36	LOW	Q16	20.19	20.17	20.52	20.61	20.45	21.50
		MID	Q16	20.47	20.48	20.39	20.53	20.55	21.50
		HIGH	Q16	20.29	20.54	20.57	20.43	20.63	21.50
	75	LOW	Q16	20.29	20.36	20.37	20.35	20.47	21.50
15	1	LOW	64QAM	20.32	20.45	20.73	20.98	20.84	21.50
		MID	64QAM	20.61	20.68	20.41	20.71	20.81	21.50
		HIGH	64QAM	20.62	20.73	20.70	20.72	20.75	21.50
	36	LOW	64QAM	20.34	20.32	20.67	20.55	20.51	21.50
		MID	64QAM	20.46	20.50	20.48	20.42	20.52	21.50
		HIGH	64QAM	20.40	20.44	20.42	20.65	20.56	21.50
	75	LOW	64QAM	20.47	20.29	20.51	20.41	20.40	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.14	20.19	20.43	20.47	**20.48**	21.50
		MID	QPSK	20.21	20.29	20.36	20.40	20.30	21.50
		HIGH	QPSK	20.21	20.27	20.38	20.41	20.43	21.50
	50	LOW	QPSK	20.27	20.32	20.47	20.51	20.37	21.50
		MID	QPSK	20.39	20.39	20.48	20.49	**20.52**	21.50
		HIGH	QPSK	20.37	20.42	20.46	20.44	20.42	21.50
	100	LOW	QPSK	20.37	20.42	20.45	**20.50**	20.45	21.50
20	1	LOW	Q16	20.44	20.54	20.69	20.83	20.79	21.50
		MID	Q16	20.53	20.55	20.53	20.77	20.75	21.50
		HIGH	Q16	20.60	20.63	20.81	20.87	20.81	21.50
	50	LOW	Q16	20.25	20.32	20.52	20.58	20.42	21.50
		MID	Q16	20.34	20.43	20.51	20.57	20.51	21.50
		HIGH	Q16	20.36	20.41	20.56	20.50	20.50	21.50
	100	LOW	Q16	20.40	20.41	20.47	20.49	20.47	21.50
20	1	LOW	64QAM	20.34	20.53	20.76	20.91	20.89	21.50
		MID	64QAM	20.65	20.66	20.47	20.85	20.71	21.50
		HIGH	64QAM	20.70	20.64	20.75	20.99	20.74	21.50
	50	LOW	64QAM	20.21	20.20	20.47	20.48	20.43	21.50
		MID	64QAM	20.20	20.55	20.59	20.42	20.44	21.50
		HIGH	64QAM	20.36	20.29	20.64	20.54	20.54	21.50
	100	LOW	64QAM	20.54	20.30	20.41	20.62	20.59	21.50

LTE B41-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.70	23.62	**23.99**	23.89	23.97	24.50
		MID	QPSK	23.73	23.72	23.59	23.98	23.79	24.50
		HIGH	QPSK	23.71	23.72	23.73	**23.99**	23.98	24.50
	12	LOW	QPSK	22.89	22.80	22.83	23.03	23.01	23.50
		MID	QPSK	22.92	22.84	22.80	23.05	23.09	23.50
		HIGH	QPSK	22.70	22.92	22.88	23.03	22.92	23.50
	25	LOW	QPSK	22.93	22.94	22.80	23.17	22.92	23.50
5	1	LOW	Q16	23.12	22.87	23.04	23.11	23.18	23.50
		MID	Q16	23.01	23.16	23.08	23.18	23.21	23.50
		HIGH	Q16	23.19	22.94	23.06	22.97	23.25	23.50
	12	LOW	Q16	21.85	21.63	22.00	22.11	22.02	22.50
		MID	Q16	21.73	21.90	21.83	22.05	21.98	22.50
		HIGH	Q16	21.81	21.83	22.08	22.09	22.24	22.50
	25	LOW	Q16	21.68	21.92	21.86	21.87	22.00	22.50
5	1	LOW	64QAM	21.89	21.98	22.10	22.22	22.18	22.50
		MID	64QAM	21.97	21.95	22.06	22.21	22.11	22.50
		HIGH	64QAM	22.10	22.12	22.08	22.00	22.20	22.50
	12	LOW	64QAM	20.77	20.66	20.80	21.13	20.99	21.50
		MID	64QAM	20.73	20.77	21.04	21.16	21.04	21.50
		HIGH	64QAM	20.95	21.02	20.87	20.95	21.01	21.50
	25	LOW	64QAM	20.80	20.77	20.91	20.96	20.95	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	23.73	23.87	23.92	24.01	24.50
		MID	QPSK	23.71	23.63	23.65	23.93	23.89	24.50
		HIGH	QPSK	23.67	23.85	23.86	23.99	**24.02**	24.50
	25	LOW	QPSK	22.80	22.90	22.87	23.04	22.97	23.50
		MID	QPSK	23.03	22.98	22.82	22.95	23.20	23.50
		HIGH	QPSK	22.91	22.80	22.98	23.15	23.04	23.50
	50	LOW	QPSK	22.82	22.95	22.92	23.05	23.06	23.50
10	1	LOW	Q16	23.00	23.09	23.10	23.16	23.04	23.50
		MID	Q16	22.99	23.04	22.84	23.21	23.17	23.50
		HIGH	Q16	22.94	23.07	22.95	23.15	23.09	23.50
	25	LOW	Q16	21.76	21.68	21.79	22.10	21.88	22.50
		MID	Q16	21.91	21.83	22.05	22.22	22.18	22.50
		HIGH	Q16	21.92	21.81	22.09	22.14	22.11	22.50
	50	LOW	Q16	21.90	21.97	21.78	22.13	22.17	22.50
10	1	LOW	64QAM	22.08	21.96	22.13	22.09	22.13	22.50
		MID	64QAM	22.09	22.12	22.12	22.12	22.08	22.50
		HIGH	64QAM	22.18	21.93	22.03	22.06	22.30	22.50
	25	LOW	64QAM	20.88	20.76	20.85	21.10	20.89	21.50
		MID	64QAM	20.80	20.69	20.81	21.19	20.98	21.50
		HIGH	64QAM	20.93	20.93	20.99	21.05	21.12	21.50
	50	LOW	64QAM	20.88	20.82	20.78	20.91	20.93	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.74	23.68	23.81	24.01	23.85	24.50
		MID	QPSK	23.77	23.66	23.62	23.82	23.87	24.50
		HIGH	QPSK	23.72	23.71	23.66	24.08	**24.16**	24.50
	36	LOW	QPSK	22.88	22.91	23.00	23.15	22.89	23.50
		MID	QPSK	22.76	22.87	22.79	23.09	22.98	23.50
		HIGH	QPSK	22.79	22.86	22.83	23.04	23.06	23.50
	75	LOW	QPSK	22.74	22.86	22.78	23.06	23.00	23.50
15	1	LOW	Q16	22.86	23.03	22.93	23.22	23.00	23.50
		MID	Q16	23.04	22.90	22.91	23.01	23.12	23.50
		HIGH	Q16	22.92	23.11	22.99	22.96	23.17	23.50
	36	LOW	Q16	21.68	21.61	21.75	22.11	22.17	22.50
		MID	Q16	21.86	21.90	22.02	22.17	22.01	22.50
		HIGH	Q16	21.78	21.77	21.92	21.99	22.04	22.50
	75	LOW	Q16	21.82	21.85	21.92	21.94	22.12	22.50
15	1	LOW	64QAM	21.85	22.13	21.95	22.30	22.11	22.50
		MID	64QAM	22.14	21.96	21.88	22.21	22.29	22.50
		HIGH	64QAM	21.96	21.99	22.13	22.25	22.15	22.50
	36	LOW	64QAM	20.77	20.85	20.88	20.97	21.04	21.50
		MID	64QAM	20.99	20.94	20.80	21.13	21.05	21.50
		HIGH	64QAM	20.91	20.99	20.96	21.11	21.24	21.50
	75	LOW	64QAM	20.81	20.91	20.78	20.89	21.19	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.64	23.67	23.84	23.98	23.99	24.50
		MID	QPSK	23.71	23.75	23.74	23.89	23.89	24.50
		HIGH	QPSK	23.70	23.77	23.80	23.96	**24.07**	24.50
	50	LOW	QPSK	22.74	22.78	22.86	23.00	22.97	23.50
		MID	QPSK	22.89	22.86	22.93	23.04	23.06	23.50
		HIGH	QPSK	22.84	22.84	22.96	23.01	23.06	23.50
	100	LOW	QPSK	22.87	22.85	22.90	23.02	23.05	23.50
20	1	LOW	Q16	22.98	22.99	23.05	23.16	23.12	23.50
		MID	Q16	23.04	23.02	22.98	23.29	23.19	23.50
		HIGH	Q16	23.05	23.04	23.03	23.11	23.24	23.50
	50	LOW	Q16	21.76	21.76	21.89	22.07	22.02	22.50
		MID	Q16	21.84	21.83	21.94	22.07	22.10	22.50
		HIGH	Q16	21.84	21.87	21.99	22.06	22.10	22.50
	100	LOW	Q16	21.83	21.87	21.86	22.01	22.07	22.50
20	1	LOW	64QAM	21.85	21.98	22.07	22.21	22.20	22.50
		MID	64QAM	21.92	22.10	21.85	22.26	22.05	22.50
		HIGH	64QAM	22.16	21.98	22.14	22.10	22.21	22.50
	50	LOW	64QAM	20.67	20.87	20.96	21.22	20.99	21.50
		MID	64QAM	20.98	20.95	20.79	21.05	21.03	21.50
		HIGH	64QAM	20.73	20.75	20.99	20.91	21.22	21.50
	100	LOW	64QAM	20.94	20.77	20.88	21.15	21.05	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.70	23.62	23.99	23.89	23.97	24.50
		MID	QPSK	23.73	23.72	23.59	23.98	23.79	24.50
		HIGH	QPSK	23.71	23.72	23.73	23.99	23.98	24.50
	12	LOW	QPSK	22.89	22.80	22.83	23.03	23.01	23.50
		MID	QPSK	22.92	22.84	22.80	23.05	23.09	23.50
		HIGH	QPSK	22.70	22.92	22.88	23.03	22.92	23.50
	25	LOW	QPSK	22.93	22.94	22.80	23.17	22.92	23.50
5	1	LOW	Q16	23.12	22.87	23.04	23.11	23.18	23.50
		MID	Q16	23.01	23.16	23.08	23.18	23.21	23.50
		HIGH	Q16	23.19	22.94	23.06	22.97	23.25	23.50
	12	LOW	Q16	21.85	21.63	22.00	22.11	22.02	22.50
		MID	Q16	21.73	21.90	21.83	22.05	21.98	22.50
		HIGH	Q16	21.81	21.83	22.08	22.09	22.24	22.50
	25	LOW	Q16	21.68	21.92	21.86	21.87	22.00	22.50
5	1	LOW	64QAM	21.89	21.98	22.10	22.22	22.18	22.50
		MID	64QAM	21.97	21.95	22.06	22.21	22.11	22.50
		HIGH	64QAM	22.10	22.12	22.08	22.00	22.20	22.50
	12	LOW	64QAM	20.77	20.66	20.80	21.13	20.99	21.50
		MID	64QAM	20.73	20.77	21.04	21.16	21.04	21.50
		HIGH	64QAM	20.95	21.02	20.87	20.95	21.01	21.50
	25	LOW	64QAM	20.80	20.77	20.91	20.96	20.95	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.55	23.73	23.87	23.92	24.01	24.50
		MID	QPSK	23.71	23.63	23.65	23.93	23.89	24.50
		HIGH	QPSK	23.67	23.85	23.86	23.99	24.02	24.50
	25	LOW	QPSK	22.80	22.90	22.87	23.04	22.97	23.50
		MID	QPSK	23.03	22.98	22.82	22.95	23.20	23.50
		HIGH	QPSK	22.91	22.80	22.98	23.15	23.04	23.50
	50	LOW	QPSK	22.82	22.95	22.92	23.05	23.06	23.50
10	1	LOW	Q16	23.00	23.09	23.10	23.16	23.04	23.50
		MID	Q16	22.99	23.04	22.84	23.21	23.17	23.50
		HIGH	Q16	22.94	23.07	22.95	23.15	23.09	23.50
	25	LOW	Q16	21.76	21.68	21.79	22.10	21.88	22.50
		MID	Q16	21.91	21.83	22.05	22.22	22.18	22.50
		HIGH	Q16	21.92	21.81	22.09	22.14	22.11	22.50
	50	LOW	Q16	21.90	21.97	21.78	22.13	22.17	22.50
10	1	LOW	64QAM	22.08	21.96	22.13	22.09	22.13	22.50
		MID	64QAM	22.09	22.12	22.12	22.12	22.08	22.50
		HIGH	64QAM	22.18	21.93	22.03	22.06	22.30	22.50
	25	LOW	64QAM	20.88	20.76	20.85	21.10	20.89	21.50
		MID	64QAM	20.80	20.69	20.81	21.19	20.98	21.50
		HIGH	64QAM	20.93	20.93	20.99	21.05	21.12	21.50
	50	LOW	64QAM	20.88	20.82	20.78	20.91	20.93	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.74	23.68	23.81	24.01	23.85	24.50
		MID	QPSK	23.77	23.66	23.62	23.82	23.87	24.50
		HIGH	QPSK	23.72	23.71	23.66	24.08	24.16	24.50
	36	LOW	QPSK	22.88	22.91	23.00	23.15	22.89	23.50
		MID	QPSK	22.76	22.87	22.79	23.09	22.98	23.50
		HIGH	QPSK	22.79	22.86	22.83	23.04	23.06	23.50
	75	LOW	QPSK	22.74	22.86	22.78	23.06	23.00	23.50
15	1	LOW	Q16	22.86	23.03	22.93	23.22	23.00	23.50
		MID	Q16	23.04	22.90	22.91	23.01	23.12	23.50
		HIGH	Q16	22.92	23.11	22.99	22.96	23.17	23.50
	36	LOW	Q16	21.68	21.61	21.75	22.11	22.17	22.50
		MID	Q16	21.86	21.90	22.02	22.17	22.01	22.50
		HIGH	Q16	21.78	21.77	21.92	21.99	22.04	22.50
	75	LOW	Q16	21.82	21.85	21.92	21.94	22.12	22.50
15	1	LOW	64QAM	21.85	22.13	21.95	22.30	22.11	22.50
		MID	64QAM	22.14	21.96	21.88	22.21	22.29	22.50
		HIGH	64QAM	21.96	21.99	22.13	22.25	22.15	22.50
	36	LOW	64QAM	20.77	20.85	20.88	20.97	21.04	21.50
		MID	64QAM	20.99	20.94	20.80	21.13	21.05	21.50
		HIGH	64QAM	20.91	20.99	20.96	21.11	21.24	21.50
	75	LOW	64QAM	20.81	20.91	20.78	20.89	21.19	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.64	23.67	23.84	23.98	23.99	24.50
		MID	QPSK	23.71	23.75	23.74	23.89	23.89	24.50
		HIGH	QPSK	23.70	23.77	23.80	23.96	**24.07**	24.50
	50	LOW	QPSK	22.74	22.78	22.86	23.00	22.97	23.50
		MID	QPSK	22.89	22.86	22.93	23.04	**23.06**	23.50
		HIGH	QPSK	22.84	22.84	22.96	23.01	**23.06**	23.50
	100	LOW	QPSK	22.87	22.85	22.90	23.02	**23.05**	23.50
20	1	LOW	Q16	22.98	22.99	23.05	23.16	23.12	23.50
		MID	Q16	23.04	23.02	22.98	23.29	23.19	23.50
		HIGH	Q16	23.05	23.04	23.03	23.11	23.24	23.50
	50	LOW	Q16	21.76	21.76	21.89	22.07	22.02	22.50
		MID	Q16	21.84	21.83	21.94	22.07	22.10	22.50
		HIGH	Q16	21.84	21.87	21.99	22.06	22.10	22.50
	100	LOW	Q16	21.83	21.87	21.86	22.01	22.07	22.50
20	1	LOW	64QAM	21.85	21.98	22.07	22.21	22.20	22.50
		MID	64QAM	21.92	22.10	21.85	22.26	22.05	22.50
		HIGH	64QAM	22.16	21.98	22.14	22.10	22.21	22.50
	50	LOW	64QAM	20.67	20.87	20.96	21.22	20.99	21.50
		MID	64QAM	20.98	20.95	20.79	21.05	21.03	21.50
		HIGH	64QAM	20.73	20.75	20.99	20.91	21.22	21.50
	100	LOW	64QAM	20.94	20.77	20.88	21.15	21.05	21.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.60	22.51	22.71	22.65	22.80	23.50
		MID	QPSK	22.54	22.52	22.38	22.79	22.67	23.50
		HIGH	QPSK	22.58	22.62	22.69	22.67	22.90	23.50
	12	LOW	QPSK	22.68	22.48	22.62	22.83	22.58	23.50
		MID	QPSK	22.63	22.62	22.57	22.71	22.90	23.50
		HIGH	QPSK	22.62	22.63	22.68	22.74	22.87	23.50
	25	LOW	QPSK	22.53	22.54	22.55	22.77	22.72	23.50
5	1	LOW	Q16	22.89	22.77	22.84	23.10	23.23	23.50
		MID	Q16	22.93	22.66	22.70	22.92	22.92	23.50
		HIGH	Q16	22.89	22.93	22.72	23.20	23.30	23.50
	12	LOW	Q16	21.52	21.64	21.78	21.62	21.88	22.50
		MID	Q16	21.60	21.68	21.63	21.89	21.82	22.50
		HIGH	Q16	21.79	21.47	21.77	21.66	21.91	22.50
	25	LOW	Q16	21.66	21.59	21.73	21.64	21.77	22.50
5	1	LOW	64QAM	21.72	21.71	21.66	22.02	22.01	22.50
		MID	64QAM	21.76	21.81	21.63	22.12	21.96	22.50
		HIGH	64QAM	21.93	21.86	21.85	22.18	22.15	22.50
	12	LOW	64QAM	20.69	20.46	20.68	20.60	20.86	21.50
		MID	64QAM	20.69	20.46	20.83	20.71	20.74	21.50
		HIGH	64QAM	20.54	20.66	20.60	20.74	20.67	21.50
	25	LOW	64QAM	20.65	20.67	20.81	20.81	20.72	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.55	22.42	22.70	22.78	22.78	23.50
		MID	QPSK	22.51	22.53	22.53	22.56	22.84	23.50
		HIGH	QPSK	22.39	22.56	22.61	22.70	22.86	23.50
	25	LOW	QPSK	22.43	22.42	22.70	22.73	22.62	23.50
		MID	QPSK	22.70	22.54	22.67	22.87	22.90	23.50
		HIGH	QPSK	22.74	22.53	22.62	22.71	22.68	23.50
	50	LOW	QPSK	22.53	22.69	22.63	22.86	22.79	23.50
10	1	LOW	Q16	22.65	22.64	22.65	23.25	23.06	23.50
		MID	Q16	22.69	22.61	22.75	23.09	22.96	23.50
		HIGH	Q16	22.83	22.95	22.69	22.97	23.21	23.50
	25	LOW	Q16	21.60	21.66	21.71	21.82	21.84	22.50
		MID	Q16	21.58	21.75	21.62	21.80	21.73	22.50
		HIGH	Q16	21.73	21.77	21.87	21.68	21.97	22.50
	50	LOW	Q16	21.62	21.47	21.60	21.60	21.93	22.50
10	1	LOW	64QAM	21.89	21.86	21.74	22.19	22.23	22.50
		MID	64QAM	21.75	21.72	21.81	22.04	22.10	22.50
		HIGH	64QAM	21.91	21.79	21.91	22.24	22.33	22.50
	25	LOW	64QAM	20.44	20.48	20.52	20.88	20.81	21.50
		MID	64QAM	20.51	20.66	20.54	20.86	20.76	21.50
		HIGH	64QAM	20.59	20.52	20.63	20.74	20.89	21.50
	50	LOW	64QAM	20.54	20.75	20.75	20.61	20.80	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.52	22.33	22.54	22.60	22.81	23.50
		MID	QPSK	22.66	22.49	22.64	22.58	22.66	23.50
		HIGH	QPSK	22.41	22.50	22.74	22.59	22.78	23.50
	36	LOW	QPSK	22.47	22.56	22.57	22.63	22.71	23.50
		MID	QPSK	22.53	22.65	22.67	22.77	22.85	23.50
		HIGH	QPSK	22.72	22.53	22.78	22.90	22.64	23.50
	75	LOW	QPSK	22.66	22.77	22.56	22.82	22.92	23.50
15	1	LOW	Q16	22.80	22.66	22.91	23.01	23.13	23.50
		MID	Q16	22.75	22.77	22.77	22.96	23.03	23.50
		HIGH	Q16	22.91	22.70	22.91	23.19	23.14	23.50
	36	LOW	Q16	21.47	21.36	21.57	21.63	21.74	22.50
		MID	Q16	21.54	21.59	21.71	21.74	21.78	22.50
		HIGH	Q16	21.66	21.60	21.62	21.64	21.75	22.50
	75	LOW	Q16	21.57	21.60	21.56	21.73	21.78	22.50
15	1	LOW	64QAM	21.72	21.73	21.78	22.19	22.08	22.50
		MID	64QAM	21.89	21.66	21.83	22.17	22.06	22.50
		HIGH	64QAM	21.70	21.93	21.78	22.24	22.25	22.50
	36	LOW	64QAM	20.50	20.54	20.63	20.74	20.85	21.50
		MID	64QAM	20.60	20.74	20.66	20.85	20.85	21.50
		HIGH	64QAM	20.54	20.64	20.85	20.67	20.75	21.50
	75	LOW	64QAM	20.65	20.55	20.63	20.85	20.78	21.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.45	22.42	22.56	22.74	22.73	23.50
		MID	QPSK	22.52	22.47	22.53	22.64	22.70	23.50
		HIGH	QPSK	22.52	22.49	22.59	22.72	**22.76**	23.50
	50	LOW	QPSK	22.57	22.55	22.64	22.74	22.72	23.50
		MID	QPSK	22.64	22.66	22.64	22.74	**22.82**	23.50
		HIGH	QPSK	22.66	22.60	22.71	22.76	22.75	23.50
	100	LOW	QPSK	22.68	22.62	22.62	22.72	**22.78**	23.50
20	1	LOW	Q16	22.74	22.74	22.80	23.11	23.10	23.50
		MID	Q16	22.79	22.74	22.73	23.02	23.03	23.50
		HIGH	Q16	22.84	22.85	22.82	23.10	23.18	23.50
	50	LOW	Q16	21.57	21.51	21.64	21.74	21.76	22.50
		MID	Q16	21.64	21.60	21.69	21.80	21.83	22.50
		HIGH	Q16	21.64	21.62	21.74	21.77	21.82	22.50
	100	LOW	Q16	21.63	21.61	21.66	21.75	21.79	22.50
20	1	LOW	64QAM	21.66	21.67	21.88	22.19	22.15	22.50
		MID	64QAM	21.80	21.88	21.68	21.98	21.96	22.50
		HIGH	64QAM	21.83	21.77	21.81	22.02	22.27	22.50
	50	LOW	64QAM	20.57	20.59	20.57	20.61	20.65	21.50
		MID	64QAM	20.68	20.54	20.55	20.88	20.69	21.50
		HIGH	64QAM	20.72	20.58	20.83	20.86	20.68	21.50
	100	LOW	64QAM	20.54	20.62	20.81	20.62	20.93	21.50

LTE B41-Full Power -Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.65	21.90	**21.91**	21.63	21.59	23.10
		MID	QPSK	21.45	21.71	21.60	21.48	21.44	23.10
		HIGH	QPSK	21.61	21.81	21.70	21.49	21.57	23.10
	12	LOW	QPSK	21.02	20.87	21.00	20.94	20.98	22.10
		MID	QPSK	20.94	21.01	20.88	21.16	20.94	22.10
		HIGH	QPSK	20.98	20.83	21.05	20.99	20.86	22.10
	25	LOW	QPSK	21.13	20.89	20.91	21.19	20.99	22.10
5	1	LOW	Q16	21.01	20.99	21.21	20.97	21.22	22.10
		MID	Q16	20.94	21.22	21.16	21.13	21.12	22.10
		HIGH	Q16	21.07	21.05	21.06	21.07	20.97	22.10
	12	LOW	Q16	19.83	19.83	19.88	20.02	20.11	21.10
		MID	Q16	19.79	20.05	20.07	19.88	20.09	21.10
		HIGH	Q16	20.14	20.14	20.15	19.78	20.01	21.10
	25	LOW	Q16	20.04	20.06	19.86	20.04	19.87	21.10
5	1	LOW	64QAM	20.03	19.98	20.04	20.06	20.13	21.10
		MID	64QAM	20.05	20.09	19.89	19.86	20.14	21.10
		HIGH	64QAM	19.93	20.17	20.03	20.21	20.10	21.10
	12	LOW	64QAM	18.92	18.94	18.98	19.01	19.14	20.10
		MID	64QAM	19.04	19.03	18.90	18.87	19.09	20.10
		HIGH	64QAM	18.94	18.91	18.94	19.09	19.00	20.10
	25	LOW	64QAM	19.06	19.16	18.91	19.07	18.96	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.65	21.82	**21.84**	21.56	21.62	23.10
		MID	QPSK	21.47	21.66	21.68	21.49	21.48	23.10
		HIGH	QPSK	21.64	21.68	21.80	21.51	21.43	23.10
	25	LOW	QPSK	21.06	20.89	21.01	20.89	21.02	22.10
		MID	QPSK	21.09	21.15	20.89	21.03	20.92	22.10
		HIGH	QPSK	20.99	20.83	21.01	20.99	20.93	22.10
	50	LOW	QPSK	20.99	21.04	20.86	21.04	20.98	22.10
10	1	LOW	Q16	21.15	21.04	21.10	21.02	21.20	22.10
		MID	Q16	21.03	21.21	21.15	21.04	21.07	22.10
		HIGH	Q16	21.10	20.93	21.09	21.05	21.02	22.10
	25	LOW	Q16	19.92	19.95	19.88	20.10	20.01	21.10
		MID	Q16	19.85	20.00	19.97	19.83	20.04	21.10
		HIGH	Q16	20.00	20.05	20.10	19.94	20.07	21.10
	50	LOW	Q16	20.10	20.15	19.94	20.03	20.02	21.10
10	1	LOW	64QAM	19.91	19.86	19.93	20.06	20.22	21.10
		MID	64QAM	20.07	20.03	20.01	19.84	20.13	21.10
		HIGH	64QAM	19.88	20.07	20.04	20.09	20.07	21.10
	25	LOW	64QAM	19.00	18.88	18.99	18.93	19.08	20.10
		MID	64QAM	19.14	18.97	18.95	18.97	19.14	20.10
		HIGH	64QAM	18.89	18.83	18.82	19.09	18.96	20.10
	50	LOW	64QAM	19.16	19.05	18.90	19.05	18.90	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.72	21.84	**21.91**	21.52	21.62	23.10
		MID	QPSK	21.44	21.59	21.71	21.51	21.51	23.10
		HIGH	QPSK	21.59	21.71	21.66	21.60	21.45	23.10
	36	LOW	QPSK	20.98	20.93	20.98	20.86	20.98	22.10
		MID	QPSK	20.94	21.05	20.95	21.16	20.97	22.10
		HIGH	QPSK	21.00	20.97	20.96	21.01	21.01	22.10
	75	LOW	QPSK	21.03	21.04	20.91	21.18	20.96	22.10
15	1	LOW	Q16	21.12	21.00	21.20	20.89	21.17	22.10
		MID	Q16	21.03	21.12	21.08	21.10	20.99	22.10
		HIGH	Q16	21.22	20.95	21.17	21.01	20.96	22.10
	36	LOW	Q16	19.89	19.98	19.98	20.02	20.03	21.10
		MID	Q16	19.89	20.05	20.07	19.93	20.10	21.10
		HIGH	Q16	20.00	20.03	20.09	19.94	20.02	21.10
	75	LOW	Q16	20.08	20.00	19.90	20.01	19.87	21.10
15	1	LOW	64QAM	20.02	19.98	20.05	20.22	20.17	21.10
		MID	64QAM	20.18	20.05	19.84	19.85	20.11	21.10
		HIGH	64QAM	19.93	20.09	20.19	20.15	20.11	21.10
	36	LOW	64QAM	18.96	18.89	18.92	19.04	19.08	20.10
		MID	64QAM	19.15	19.03	18.99	18.94	19.15	20.10
		HIGH	64QAM	18.88	18.92	18.79	19.06	18.96	20.10
	75	LOW	64QAM	19.03	19.16	18.95	19.19	18.97	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.68	**21.86**	21.85	21.57	21.60	23.10
		MID	QPSK	21.52	21.66	21.68	21.44	21.45	23.10
		HIGH	QPSK	21.68	21.76	21.72	21.52	21.49	23.10
	50	LOW	QPSK	20.99	20.96	20.95	20.93	21.06	22.10
		MID	QPSK	21.03	21.09	20.92	21.08	21.01	22.10
		HIGH	QPSK	20.97	20.91	21.01	20.98	20.95	22.10
	100	LOW	QPSK	21.07	20.98	20.94	21.13	20.94	22.10
20	1	LOW	Q16	21.10	20.96	21.14	20.96	21.18	22.10
		MID	Q16	20.96	21.15	21.08	21.11	21.06	22.10
		HIGH	Q16	21.16	20.97	21.09	21.02	20.94	22.10
	50	LOW	Q16	19.89	19.90	19.97	20.10	20.09	21.10
		MID	Q16	19.88	20.00	20.03	19.89	20.11	21.10
		HIGH	Q16	20.09	20.09	20.07	19.87	20.05	21.10
	100	LOW	Q16	20.04	20.09	19.87	20.00	19.94	21.10
20	1	LOW	64QAM	19.99	19.92	20.01	20.14	20.14	21.10
		MID	64QAM	20.10	20.05	19.93	19.90	20.07	21.10
		HIGH	64QAM	19.93	20.13	20.11	20.14	20.08	21.10
	50	LOW	64QAM	18.94	18.90	19.01	18.98	19.06	20.10
		MID	64QAM	19.09	18.96	18.91	18.94	19.10	20.10
		HIGH	64QAM	18.91	18.92	18.88	19.02	19.05	20.10
	100	LOW	64QAM	19.10	19.11	18.98	19.14	18.89	20.10

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.16	20.25	20.19	20.00	19.95	21.60
		MID	QPSK	20.02	20.13	20.01	19.84	19.86	21.60
		HIGH	QPSK	20.17	20.16	20.07	20.06	19.98	21.60
	12	LOW	QPSK	20.04	19.91	20.10	20.17	19.99	21.60
		MID	QPSK	20.01	19.96	19.92	20.12	19.87	21.60
		HIGH	QPSK	19.99	20.13	19.99	20.05	20.05	21.60
	25	LOW	QPSK	19.97	20.08	20.20	20.07	20.08	21.60
5	1	LOW	Q16	20.11	19.92	20.10	19.97	20.00	21.60
		MID	Q16	20.17	20.14	20.07	20.06	19.90	21.60
		HIGH	Q16	19.94	20.00	20.08	19.86	19.98	21.60
	12	LOW	Q16	19.89	20.18	20.15	20.10	20.13	21.10
		MID	Q16	19.98	19.86	20.17	20.13	20.09	21.10
		HIGH	Q16	19.97	20.03	19.92	20.00	20.16	21.10
	25	LOW	Q16	20.20	20.20	20.21	20.13	20.02	21.10
5	1	LOW	64QAM	20.23	20.09	20.14	20.17	20.03	21.10
		MID	64QAM	20.07	19.90	20.06	19.86	20.14	21.10
		HIGH	64QAM	19.93	20.03	20.14	19.89	19.99	21.10
	12	LOW	64QAM	19.19	19.04	19.01	19.04	19.11	20.10
		MID	64QAM	19.17	18.90	19.14	18.83	19.16	20.10
		HIGH	64QAM	18.95	18.87	18.92	19.04	19.18	20.10
	25	LOW	64QAM	19.04	19.12	19.03	18.84	19.06	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.23	20.26	20.16	20.09	19.93	21.60
		MID	QPSK	20.08	19.97	20.02	19.89	19.92	21.60
		HIGH	QPSK	20.07	20.21	20.21	19.97	19.92	21.60
	25	LOW	QPSK	20.10	19.94	20.10	20.14	20.04	21.60
		MID	QPSK	20.09	20.03	19.96	20.09	19.91	21.60
		HIGH	QPSK	20.09	20.04	20.10	20.12	20.03	21.60
	50	LOW	QPSK	20.01	20.04	20.10	20.20	20.08	21.60
10	1	LOW	Q16	20.18	19.95	20.07	19.97	20.09	21.60
		MID	Q16	20.03	20.19	20.14	20.07	20.01	21.60
		HIGH	Q16	19.96	19.98	20.10	19.86	19.95	21.60
	25	LOW	Q16	19.92	20.08	20.05	20.17	20.20	21.10
		MID	Q16	20.03	19.99	20.18	20.21	20.09	21.10
		HIGH	Q16	19.94	19.92	19.92	19.89	20.10	21.10
	50	LOW	Q16	20.18	20.13	20.15	19.96	20.12	21.10
10	1	LOW	64QAM	20.11	20.05	20.09	20.12	19.91	21.10
		MID	64QAM	20.06	19.88	19.97	19.95	20.15	21.10
		HIGH	64QAM	19.91	19.87	20.02	19.91	20.01	21.10
	25	LOW	64QAM	19.09	18.98	18.97	19.06	19.14	20.10
		MID	64QAM	19.13	19.01	19.16	18.92	19.13	20.10
		HIGH	64QAM	18.81	18.94	19.02	19.02	19.12	20.10
	50	LOW	64QAM	18.92	19.00	19.11	18.85	19.04	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.16	20.22	20.27	19.94	20.04	21.60
		MID	QPSK	20.07	20.09	20.14	19.86	19.89	21.60
		HIGH	QPSK	20.07	20.14	20.18	19.92	19.93	21.60
	36	LOW	QPSK	20.06	19.95	20.13	20.23	19.95	21.60
		MID	QPSK	20.02	19.93	19.95	20.11	19.86	21.60
		HIGH	QPSK	20.01	20.11	20.06	20.01	20.04	21.60
	75	LOW	QPSK	20.07	20.16	20.08	20.06	20.04	21.60
15	1	LOW	Q16	20.15	19.95	19.95	20.03	20.07	21.60
		MID	Q16	20.07	20.18	20.19	20.14	20.05	21.60
		HIGH	Q16	20.07	19.96	20.15	19.92	19.96	21.60
	36	LOW	Q16	19.84	20.19	20.18	20.15	20.16	21.10
		MID	Q16	20.01	19.98	20.23	20.23	20.07	21.10
		HIGH	Q16	19.89	19.93	20.02	19.98	20.14	21.10
	75	LOW	Q16	20.19	20.18	20.08	19.99	20.05	21.10
15	1	LOW	64QAM	20.13	20.08	20.21	20.10	19.91	21.10
		MID	64QAM	19.97	19.85	20.14	19.94	20.07	21.10
		HIGH	64QAM	20.05	19.89	20.01	19.83	20.01	21.10
	36	LOW	64QAM	19.05	19.01	19.02	19.06	19.22	20.10
		MID	64QAM	19.01	18.91	19.00	18.86	19.13	20.10
		HIGH	64QAM	18.94	18.94	19.07	19.11	19.10	20.10
	75	LOW	64QAM	18.90	19.04	19.09	18.84	19.04	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.16	20.18	20.15	20.03	**20.20**	21.60
		MID	QPSK	20.04	20.06	20.06	19.91	19.90	21.60
		HIGH	QPSK	20.09	20.13	20.13	19.99	19.93	21.60
	50	LOW	QPSK	20.06	19.97	20.07	20.17	20.01	21.60
		MID	QPSK	20.05	20.02	19.95	20.07	19.91	21.60
		HIGH	QPSK	20.05	20.05	20.02	20.08	**20.35**	21.60
	100	LOW	QPSK	20.05	20.09	**20.14**	**20.14**	20.04	21.60
20	1	LOW	Q16	20.12	20.00	20.03	20.03	20.03	21.60
		MID	Q16	20.09	20.17	20.14	20.15	19.99	21.60
		HIGH	Q16	19.99	20.02	20.15	19.91	20.04	21.60
	50	LOW	Q16	19.93	20.11	20.14	20.16	20.14	21.10
		MID	Q16	20.04	19.92	20.15	20.15	20.15	21.10
		HIGH	Q16	19.91	19.95	19.99	19.96	20.16	21.10
	100	LOW	Q16	20.13	20.12	20.13	20.05	20.04	21.10
20	1	LOW	64QAM	20.15	20.05	20.13	20.13	19.99	21.10
		MID	64QAM	20.01	19.91	20.06	19.92	20.12	21.10
		HIGH	64QAM	19.99	19.96	20.10	19.91	19.93	21.10
	50	LOW	64QAM	19.13	18.97	19.03	18.99	19.14	20.10
		MID	64QAM	19.10	18.98	19.08	18.87	19.08	20.10
		HIGH	64QAM	18.87	18.95	19.01	19.08	19.14	20.10
	100	LOW	64QAM	18.96	19.05	19.09	18.90	19.06	20.10

LTE B41-Level2-Ant.4

Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.65	19.68	19.77	19.60	19.57	21.10
		MID	QPSK	19.43	19.59	19.60	19.34	19.49	21.10
		HIGH	QPSK	19.64	19.58	19.68	19.39	19.47	21.10
	12	LOW	QPSK	19.75	19.58	19.65	19.46	19.66	21.10
		MID	QPSK	19.66	19.66	19.50	19.59	19.67	21.10
		HIGH	QPSK	19.47	19.51	19.51	19.63	19.63	21.10
	25	LOW	QPSK	19.66	19.59	19.57	19.44	19.47	21.10
5	1	LOW	Q16	19.75	19.75	19.77	19.72	19.66	21.10
		MID	Q16	19.95	19.67	19.82	19.66	19.88	21.10
		HIGH	Q16	19.78	19.81	19.79	19.75	19.70	21.10
	12	LOW	Q16	19.83	19.58	19.75	19.67	19.84	21.10
		MID	Q16	19.66	19.94	19.66	19.83	19.64	21.10
		HIGH	Q16	19.96	19.86	19.91	19.64	19.79	21.10
	25	LOW	Q16	19.97	19.70	19.73	19.86	19.73	21.10
5	1	LOW	64QAM	19.72	19.78	19.74	20.00	19.87	21.10
		MID	64QAM	19.94	19.72	19.74	19.66	19.63	21.10
		HIGH	64QAM	19.71	19.61	19.87	19.65	19.67	21.10
	12	LOW	64QAM	18.83	19.00	19.06	19.14	19.19	20.10
		MID	64QAM	18.86	18.97	19.14	19.08	19.00	20.10
		HIGH	64QAM	19.15	19.06	19.15	18.85	19.16	20.10
	25	LOW	64QAM	18.94	18.88	18.96	18.87	18.90	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.68	19.84	19.80	19.63	19.54	21.10
		MID	QPSK	19.47	19.62	19.60	19.44	19.39	21.10
		HIGH	QPSK	19.60	19.56	19.55	19.48	19.41	21.10
	25	LOW	QPSK	19.58	19.58	19.51	19.48	19.71	21.10
		MID	QPSK	19.68	19.70	19.58	19.63	19.52	21.10
		HIGH	QPSK	19.40	19.53	19.38	19.72	19.49	21.10
	50	LOW	QPSK	19.51	19.72	19.56	19.53	19.40	21.10
10	1	LOW	Q16	19.65	19.65	19.86	19.77	19.73	21.10
		MID	Q16	19.80	19.72	19.83	19.65	19.88	21.10
		HIGH	Q16	19.66	19.76	19.74	19.70	19.79	21.10
	25	LOW	Q16	19.84	19.64	19.70	19.70	19.90	21.10
		MID	Q16	19.71	19.87	19.64	19.85	19.79	21.10
		HIGH	Q16	19.90	19.77	19.87	19.76	19.70	21.10
	50	LOW	Q16	19.94	19.71	19.70	19.90	19.74	21.10
10	1	LOW	64QAM	19.75	19.85	19.82	19.95	19.71	21.10
		MID	64QAM	19.97	19.77	19.73	19.70	19.65	21.10
		HIGH	64QAM	19.71	19.61	19.73	19.72	19.67	21.10
	25	LOW	64QAM	18.88	18.89	19.01	18.99	19.17	20.10
		MID	64QAM	18.91	18.99	19.15	19.12	19.00	20.10
		HIGH	64QAM	19.09	19.19	19.13	18.86	19.11	20.10
	50	LOW	64QAM	19.02	18.86	18.96	18.95	18.96	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.64	19.80	19.72	19.52	19.59	21.10
		MID	QPSK	19.59	19.53	19.46	19.45	19.49	21.10
		HIGH	QPSK	19.51	19.65	19.59	19.49	19.50	21.10
	36	LOW	QPSK	19.72	19.61	19.63	19.48	19.62	21.10
		MID	QPSK	19.60	19.70	19.53	19.61	19.60	21.10
		HIGH	QPSK	19.52	19.55	19.50	19.63	19.54	21.10
	75	LOW	QPSK	19.64	19.61	19.72	19.47	19.47	21.10
15	1	LOW	Q16	19.68	19.61	19.76	19.79	19.62	21.10
		MID	Q16	19.89	19.65	19.86	19.77	19.82	21.10
		HIGH	Q16	19.80	19.78	19.79	19.83	19.77	21.10
	36	LOW	Q16	19.85	19.59	19.75	19.61	19.87	21.10
		MID	Q16	19.71	19.86	19.69	19.84	19.72	21.10
		HIGH	Q16	19.89	19.83	19.79	19.71	19.76	21.10
	75	LOW	Q16	19.83	19.71	19.75	19.88	19.67	21.10
15	1	LOW	64QAM	19.81	19.81	19.77	19.89	19.83	21.10
		MID	64QAM	19.92	19.81	19.67	19.66	19.69	21.10
		HIGH	64QAM	19.67	19.74	19.75	19.68	19.65	21.10
	36	LOW	64QAM	18.96	19.00	19.02	18.97	19.03	20.10
		MID	64QAM	18.89	18.97	19.13	19.11	18.92	20.10
		HIGH	64QAM	19.15	19.03	19.09	18.92	19.19	20.10
	75	LOW	64QAM	18.97	18.90	18.91	18.93	18.87	20.10
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.66	19.76	19.72	19.60	**19.78**	21.10
		MID	QPSK	19.52	19.54	19.54	19.42	19.41	21.10
		HIGH	QPSK	19.58	19.62	19.61	19.47	19.46	21.10
	50	LOW	QPSK	19.67	19.64	19.60	19.42	19.65	21.10
		MID	QPSK	19.64	19.68	19.53	19.55	19.59	21.10
		HIGH	QPSK	19.45	19.57	19.44	19.64	**19.81**	21.10
	100	LOW	QPSK	19.60	**19.68**	19.64	19.53	19.49	21.10
20	1	LOW	Q16	19.68	19.69	19.81	19.73	19.70	21.10
		MID	Q16	19.89	19.67	19.80	19.73	19.90	21.10
		HIGH	Q16	19.74	19.84	19.80	19.75	19.76	21.10
	50	LOW	Q16	19.77	19.67	19.77	19.68	19.84	21.10
		MID	Q16	19.73	19.92	19.72	19.88	19.71	21.10
		HIGH	Q16	19.92	19.81	19.88	19.68	19.72	21.10
	100	LOW	Q16	19.91	19.66	19.69	19.83	19.68	21.10
20	1	LOW	64QAM	19.75	19.84	19.80	19.93	19.79	21.10
		MID	64QAM	19.90	19.78	19.76	19.73	19.70	21.10
		HIGH	64QAM	19.75	19.66	19.79	19.67	19.73	21.10
	50	LOW	64QAM	18.89	18.94	19.08	19.06	19.12	20.10
		MID	64QAM	18.92	19.05	19.10	19.06	18.99	20.10
		HIGH	64QAM	19.09	19.12	19.13	18.92	19.13	20.10
	100	LOW	64QAM	19.03	18.92	18.99	18.90	18.90	20.10

8.4 Intra-Band Uplink CA Power

Note:
1. This devices supports intra-band uplink CA of 7C/38C/41C
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.52101 sectino6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

Full Power

LTE Uplink 2CA_Band 7-ANT0

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	99	1	0	2	23.27	24.20
21100	20902	20	QPSK	1	0	1	99	2	23.32	24.20
21350	21152	20	QPSK	1	0	1	99	2	23.33	24.20

LTE Uplink 2CA_Band 7-ANT1

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	99	1	0	2	23.31	24.20
21100	20902	20	QPSK	1	0	1	99	2	23.35	24.20
21350	21152	20	QPSK	1	0	1	99	2	23.21	24.20

LTE Uplink 2CA_Band 7-ANT4

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	99	1	0	2	20.72	22.80
21100	20902	20	QPSK	1	0	1	99	2	21.06	22.80
21350	21152	20	QPSK	1	0	1	99	2	20.76	22.80

Level1

LTE Uplink 2CA_Band 7-ANT0

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	99	1	0	2	23.27	24.20
21100	20902	20	QPSK	1	0	1	99	2	23.32	24.20
21350	21152	20	QPSK	1	0	1	99	2	23.33	24.20

LTE Uplink 2CA_Band 7-ANT1

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	99	1	0	2	14.96	16.70
21100	20902	20	QPSK	1	0	1	99	2	14.94	16.70
21350	21152	20	QPSK	1	0	1	99	2	14.81	16.70

LTE Uplink 2CA_Band 7-ANT4

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	99	1	0	2	17.82	19.30
21100	20902	20	QPSK	1	0	1	99	2	17.87	19.30
21350	21152	20	QPSK	1	0	1	99	2	17.83	19.30

Level2

LTE Uplink 2CA_Band 7-ANT0

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	99	1	0	2	20.51	21.70
21100	20902	20	QPSK	1	0	1	99	2	20.43	21.70
21350	21152	20	QPSK	1	0	1	99	2	20.60	21.70

LTE Uplink 2CA_Band 7-ANT1

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	99	1	0	2	17.21	18.70
21100	20902	20	QPSK	1	0	1	99	2	17.29	18.70
21350	21152	20	QPSK	1	0	1	99	2	17.09	18.70

LTE Uplink 2CA_Band 7-ANT4

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	99	1	0	2	17.53	18.80
21100	20902	20	QPSK	1	0	1	99	2	17.40	18.80
21350	21152	20	QPSK	1	0	1	99	2	17.38	18.80

Full Power

LTE Uplink 2CA_Band 38-ANT0

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	99	1	0	2	23.67	24.50
38099	37901	20	QPSK	1	0	1	99	2	23.76	24.50
38150	37952	20	QPSK	1	0	1	99	2	23.81	24.50

LTE Uplink 2CA_Band 38-ANT1

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	99	1	0	2	23.84	24.50
38099	37901	20	QPSK	1	0	1	99	2	23.77	24.50
38150	37952	20	QPSK	1	0	1	99	2	23.76	24.50

LTE Uplink 2CA_Band 38-ANT4

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	99	1	0	2	21.75	23.10
38099	37901	20	QPSK	1	0	1	99	2	21.47	23.10
38150	37952	20	QPSK	1	0	1	99	2	21.64	23.10

Level1

LTE Uplink 2CA_Band 38-ANT0

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	99	1	0	2	23.67	24.50
38099	37901	20	QPSK	1	0	1	99	2	23.76	24.50
38150	37952	20	QPSK	1	0	1	99	2	23.81	24.50

LTE Uplink 2CA_Band 38-ANT1

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	99	1	0	2	15.11	16.50
38099	37901	20	QPSK	1	0	1	99	2	15.20	16.50
38150	37952	20	QPSK	1	0	1	99	2	15.33	16.50

LTE Uplink 2CA_Band 38-ANT4

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	99	1	0	2	19.90	21.60
38099	37901	20	QPSK	1	0	1	99	2	19.85	21.60
38150	37952	20	QPSK	1	0	1	99	2	20.13	21.60

Level2

LTE Uplink 2CA_Band 38-ANT0

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	99	1	0	2	22.54	23.50
38099	37901	20	QPSK	1	0	1	99	2	22.62	23.50
38150	37952	20	QPSK	1	0	1	99	2	22.56	23.50

LTE Uplink 2CA_Band 38-ANT1

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	99	1	0	2	20.19	21.30
38099	37901	20	QPSK	1	0	1	99	2	20.04	21.30
38150	37952	20	QPSK	1	0	1	99	2	20.17	21.30

LTE Uplink 2CA_Band 38-ANT4

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	99	1	0	2	19.90	21.60
38099	37901	20	QPSK	1	0	1	99	2	19.85	21.60
38150	37952	20	QPSK	1	0	1	99	2	20.13	21.60

Full Power

LTE Uplink 2CA_Band 41-ANT0

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	99	1	0	2	23.32	24.50
40185	40383	20	QPSK	1	99	1	0	2	23.48	24.50
40620	40818	20	QPSK	1	99	1	0	2	23.58	24.50
41055	40857	20	QPSK	1	0	1	99	2	23.87	24.50
41490	41292	20	QPSK	1	0	1	99	2	23.80	24.50

LTE Uplink 2CA_Band 41-ANT1

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	99	1	0	2	23.30	24.50
40185	40383	20	QPSK	1	99	1	0	2	23.26	24.50
40620	40818	20	QPSK	1	99	1	0	2	23.63	24.50
41055	40857	20	QPSK	1	0	1	99	2	23.57	24.50
41490	41292	20	QPSK	1	0	1	99	2	23.80	24.50

LTE Uplink 2CA_Band 41-ANT4

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	99	1	0	2	21.43	23.10
40185	40383	20	QPSK	1	99	1	0	2	21.70	23.10
40620	40818	20	QPSK	1	99	1	0	2	21.56	23.10
41055	40857	20	QPSK	1	0	1	99	2	21.21	23.10
41490	41292	20	QPSK	1	0	1	99	2	21.41	23.10

Level1

LTE Uplink 2CA_Band 41-ANT0

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	99	1	0	2	23.32	24.50
40185	40383	20	QPSK	1	99	1	0	2	23.48	24.50
40620	40818	20	QPSK	1	99	1	0	2	23.58	24.50
41055	40857	20	QPSK	1	0	1	99	2	23.87	24.50
41490	41292	20	QPSK	1	0	1	99	2	23.80	24.50

LTE Uplink 2CA_Band 41-ANT1

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	99	1	0	2	15.00	16.50
40185	40383	20	QPSK	1	99	1	0	2	15.18	16.50
40620	40818	20	QPSK	1	99	1	0	2	15.03	16.50
41055	40857	20	QPSK	1	0	1	99	2	15.22	16.50
41490	41292	20	QPSK	1	0	1	99	2	15.18	16.50

LTE Uplink 2CA_Band 41-ANT4

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	99	1	0	2	19.94	21.60
40185	40383	20	QPSK	1	99	1	0	2	19.85	21.60
40620	40818	20	QPSK	1	99	1	0	2	19.94	21.60
41055	40857	20	QPSK	1	0	1	99	2	19.67	21.60
41490	41292	20	QPSK	1	0	1	99	2	19.81	21.60

Level2

LTE Uplink 2CA_Band 41-ANT0

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	99	1	0	2	22.13	23.50
40185	40383	20	QPSK	1	99	1	0	2	22.27	23.50
40620	40818	20	QPSK	1	99	1	0	2	22.43	23.50
41055	40857	20	QPSK	1	0	1	99	2	22.48	23.50
41490	41292	20	QPSK	1	0	1	99	2	22.54	23.50

LTE Uplink 2CA_Band 41-ANT1

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	99	1	0	2	19.81	21.50
40185	40383	20	QPSK	1	99	1	0	2	20.00	21.50
40620	40818	20	QPSK	1	99	1	0	2	20.10	21.50
41055	40857	20	QPSK	1	0	1	99	2	20.26	21.50
41490	41292	20	QPSK	1	0	1	99	2	20.16	21.50

LTE Uplink 2CA_Band 41-ANT4

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	99	1	0	2	19.54	21.10
40185	40383	20	QPSK	1	99	1	0	2	19.38	21.10
40620	40818	20	QPSK	1	99	1	0	2	19.42	21.10
41055	40857	20	QPSK	1	0	1	99	2	19.31	21.10
41490	41292	20	QPSK	1	0	1	99	2	19.56	21.10

8.5 NR Output Power

N5-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.39	24.39	24.35	25.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.49	24.46	24.35	25.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.37	24.45	24.52	25.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	24.52	24.55	24.54	25.20
		1	53	24.31	**24.68**	24.35	25.20
		1	104	24.64	24.62	24.56	25.20
	DFT-s-OFDM QPSK	50	0	24.34	24.65	24.54	25.20
		50	28	**24.66**	24.55	24.45	25.20
		50	56	24.40	**24.66**	24.38	25.20
	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
	DFT-s-OFDM 16QAM	1	1	23.72	23.80	23.76	24.20
	DFT-s-OFDM 64QAM	1	1	22.53	22.49	22.27	22.70
	DFT-s-OFDM 256QAM	1	1	20.04	20.28	20.12	20.70
	CP-OFDM QPSK	1	1	23.55	23.47	23.24	23.70
	CP-OFDM 16QAM	1	1	22.82	22.78	23.05	23.20
	CP-OFDM 64QAM	1	1	21.27	21.10	21.03	21.70
	CP-OFDM 256QAM	1	1	18.41	18.33	18.48	18.70

N5-ANT0 Level1(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.39	24.39	24.35	25.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.49	24.46	24.35	25.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.37	24.45	24.52	25.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	24.52	**24.68**	24.54	25.20
		1	53	24.31	24.55	24.35	25.20
		1	104	24.64	24.62	24.56	25.20
	DFT-s-OFDM QPSK	50	0	24.34	**24.66**	24.54	25.20
		50	28	24.63	24.55	24.45	25.20
		50	56	24.40	24.65	24.38	25.20
	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
	DFT-s-OFDM 16QAM	1	1	23.72	23.80	23.76	24.20
	DFT-s-OFDM 64QAM	1	1	22.53	22.49	22.27	22.70
	DFT-s-OFDM 256QAM	1	1	20.04	20.28	20.12	20.70
	CP-OFDM QPSK	1	1	23.55	23.47	23.24	23.70
	CP-OFDM 16QAM	1	1	22.82	22.78	23.05	23.20
	CP-OFDM 64QAM	1	1	21.27	21.10	21.03	21.70
	CP-OFDM 256QAM	1	1	18.41	18.33	18.48	18.70

N5-ANT0 Level2(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.39	24.39	24.35	25.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.49	24.46	24.35	25.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power (dBm)
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.37	24.45	24.52	25.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power (dBm)
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	24.52	**24.68**	24.54	25.20
		1	53	24.31	24.55	24.35	25.20
		1	104	24.64	24.62	24.56	25.20
	DFT-s-OFDM QPSK	50	0	24.34	**24.66**	24.54	25.20
		50	28	24.43	24.55	24.45	25.20
		50	56	24.40	24.51	24.38	25.20
	DFT-s-OFDM QPSK	100	0	23.75	23.82	23.72	24.20
	DFT-s-OFDM 16QAM	1	1	23.72	23.80	23.76	24.20
	DFT-s-OFDM 64QAM	1	1	22.53	22.49	22.27	22.70
	DFT-s-OFDM 256QAM	1	1	20.04	20.28	20.12	20.70
	CP-OFDM QPSK	1	1	23.55	23.47	23.24	23.70
	CP-OFDM 16QAM	1	1	22.82	22.78	23.05	23.20
	CP-OFDM 64QAM	1	1	21.27	21.10	21.03	21.70
	CP-OFDM 256QAM	1	1	18.41	18.33	18.48	18.70

N5-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.47	23.51	23.40	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	23.48	23.53	23.46	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.50	23.59	23.48	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	23.55	23.65	23.49	24.20
		1	53	23.25	23.63	23.47	24.20
		1	104	**23.74**	23.69	23.64	24.20
	DFT-s-OFDM QPSK	50	0	23.36	**23.74**	23.52	24.20
		50	28	23.71	23.51	23.56	24.20
		50	56	23.60	23.63	23.52	24.20
	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
	DFT-s-OFDM 16QAM	1	1	23.46	23.61	23.58	24.20
	DFT-s-OFDM 64QAM	1	1	22.37	22.41	22.28	22.70
	DFT-s-OFDM 256QAM	1	1	19.97	20.19	19.81	20.70
	CP-OFDM QPSK	1	1	23.29	23.36	23.00	23.70
	CP-OFDM 16QAM	1	1	22.81	22.67	22.93	23.20
	CP-OFDM 64QAM	1	1	21.07	21.06	20.69	21.70
	CP-OFDM 256QAM	1	1	18.19	18.11	18.45	18.70

N5-ANT0 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.47	23.51	23.40	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offest	829	838.5	844	
10	DFT-s-OFDM QPSK	1	1	23.48	23.53	23.46	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.50	23.59	23.48	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	23.55	**23.74**	23.49	24.20
		1	53	23.25	23.63	23.47	24.20
		1	104	23.65	23.69	23.64	24.20
	DFT-s-OFDM QPSK	50	0	23.36	**23.74**	23.52	24.20
		50	28	23.71	23.51	23.56	24.20
		50	56	23.60	23.63	23.52	24.20
	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
	DFT-s-OFDM 16QAM	1	1	23.46	23.61	23.58	24.20
	DFT-s-OFDM 64QAM	1	1	22.37	22.41	22.28	22.70
	DFT-s-OFDM 256QAM	1	1	19.97	20.19	19.81	20.70
	CP-OFDM QPSK	1	1	23.29	23.36	23.00	23.70
	CP-OFDM 16QAM	1	1	22.81	22.67	22.93	23.20
	CP-OFDM 64QAM	1	1	21.07	21.06	20.69	21.70
	CP-OFDM 256QAM	1	1	18.19	18.11	18.45	18.70

N5-ANT0 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power
	Modulation	RB Size	RB offest	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.47	23.51	23.40	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power
	Modulation	RB Size	RB offest	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	23.48	23.53	23.46	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power
	Modulation	RB Size	RB offest	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.50	23.59	23.48	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power
	Modulation	RB Size	RB offest	834	836.5	839	
20	DFT-s-OFDM QPSK	1	1	23.55	**23.74**	23.49	24.20
		1	53	23.25	23.63	23.47	24.20
		1	104	23.59	23.69	23.64	24.20
	DFT-s-OFDM QPSK	50	0	23.36	**23.74**	23.52	24.20
		50	28	23.71	23.51	23.56	24.20
		50	56	23.60	23.63	23.52	24.20
	DFT-s-OFDM QPSK	100	0	23.83	23.82	23.68	24.20
	DFT-s-OFDM 16QAM	1	1	23.46	23.61	23.58	24.20
	DFT-s-OFDM 64QAM	1	1	22.37	22.41	22.28	22.70
	DFT-s-OFDM 256QAM	1	1	19.97	20.19	19.81	20.70
	CP-OFDM QPSK	1	1	23.29	23.36	23.00	23.70
	CP-OFDM 16QAM	1	1	22.81	22.67	22.93	23.20
	CP-OFDM 64QAM	1	1	21.07	21.06	20.69	21.70
	CP-OFDM 256QAM	1	1	18.19	18.11	18.45	18.70

N5-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	24.40	24.49	24.34	25.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	24.30	24.59	24.31	25.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	24.30	24.61	24.34	25.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	24.45	**24.66**	24.40	25.20
		1	53	24.38	24.40	24.37	25.20
		1	104	24.53	24.32	24.36	25.20
		50	0	24.61	24.39	24.35	25.20
		50	28	24.48	**24.66**	24.41	25.20
		50	56	24.49	24.46	24.41	25.20
	DFT-s-OFDM QPSK	100	0	23.61	23.74	23.68	24.20
	DFT-s-OFDM 16QAM	1	1	23.50	23.53	23.54	24.20
	DFT-s-OFDM 64QAM	1	1	22.51	22.49	22.30	22.70
	DFT-s-OFDM 256QAM	1	1	19.87	20.00	20.15	20.70
	CP-OFDM QPSK	1	1	23.25	23.15	23.35	23.70
	CP-OFDM 16QAM	1	1	22.61	22.63	22.69	23.20
	CP-OFDM 64QAM	1	1	21.28	20.84	21.13	21.70
	CP-OFDM 256QAM	1	1	18.26	18.52	18.35	18.70

N5-ANT1 Level1(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	20.49	20.68	20.59	21.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	20.45	20.68	20.51	21.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	20.41	20.79	20.53	21.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	20.54	**20.79**	20.63	21.20
		1	53	20.37	20.47	20.60	21.20
		1	104	20.36	20.59	20.33	21.20
		50	0	20.54	**20.66**	20.53	21.20
		50	28	20.48	20.37	20.52	21.20
		50	56	20.39	20.63	20.52	21.20
	DFT-s-OFDM QPSK	100	0	20.59	20.48	20.48	21.20
	DFT-s-OFDM 16QAM	1	1	20.47	20.37	20.55	21.20
	DFT-s-OFDM 64QAM	1	1	20.55	20.38	20.34	21.20
	DFT-s-OFDM 256QAM	1	1	19.74	19.73	19.61	20.70
	CP-OFDM QPSK	1	1	20.49	20.50	20.58	21.20
	CP-OFDM 16QAM	1	1	20.45	20.39	20.43	21.20
	CP-OFDM 64QAM	1	1	20.56	20.35	20.34	21.20
	CP-OFDM 256QAM	1	1	17.46	17.46	17.79	18.70

N5-ANT1 Level2(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	24.40	24.49	24.34	25.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	24.30	24.59	24.31	25.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	24.30	24.61	24.34	25.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	**24.66**	24.52	24.40	25.20
		1	53	24.38	24.40	24.37	25.20
		1	104	24.53	24.32	24.36	25.20
		50	0	**24.66**	24.61	24.35	25.20
		50	28	24.48	24.39	24.41	25.20
		50	56	24.49	24.46	24.41	25.20
	DFT-s-OFDM QPSK	100	0	23.61	23.74	23.68	24.20
	DFT-s-OFDM 16QAM	1	1	23.12	23.13	23.16	24.20
	DFT-s-OFDM 64QAM	1	1	21.54	21.61	21.67	22.70
	DFT-s-OFDM 256QAM	1	1	19.85	19.67	19.86	20.70
	CP-OFDM QPSK	1	1	22.53	22.47	22.41	23.70
	CP-OFDM 16QAM	1	1	22.41	22.36	22.40	23.20
	CP-OFDM 64QAM	1	1	20.05	20.43	20.49	21.70
	CP-OFDM 256QAM	1	1	17.39	17.66	17.62	18.70

N5-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.43	23.67	23.52	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.44	23.58	23.46	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	23.45	23.54	23.36	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.61	**23.88**	23.34	24.20
		1	53	23.52	23.58	23.39	24.20
		1	104	23.56	23.50	23.45	24.20
		50	0	23.60	23.46	23.39	24.20
		50	28	23.68	**23.77**	23.51	24.20
		50	56	23.50	23.58	23.67	24.20
	DFT-s-OFDM QPSK	100	0	23.93	23.80	23.88	24.20
	DFT-s-OFDM 16QAM	1	1	23.39	23.49	23.49	24.20
	DFT-s-OFDM 64QAM	1	1	22.19	22.44	22.25	22.70
	DFT-s-OFDM 256QAM	1	1	19.57	19.86	20.07	20.70
	CP-OFDM QPSK	1	1	22.91	23.03	23.04	23.70
	CP-OFDM 16QAM	1	1	22.42	22.55	22.38	23.20
	CP-OFDM 64QAM	1	1	21.19	20.57	20.90	21.70
	CP-OFDM 256QAM	1	1	18.27	18.34	18.20	18.70

N5-ANT1 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	18.29	18.40	18.41	19.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	18.31	18.51	18.25	19.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	18.29	18.44	18.37	19.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	18.45	**18.58**	18.43	19.20
		1	53	18.39	18.54	18.50	19.20
		1	104	18.39	18.42	18.48	19.20
		50	0	18.33	**18.66**	18.34	19.20
		50	28	18.44	18.45	18.42	19.20
		50	56	18.41	18.65	18.43	19.20
	DFT-s-OFDM QPSK	100	0	18.37	18.61	18.57	19.20
	DFT-s-OFDM 16QAM	1	1	18.52	18.65	18.62	19.20
	DFT-s-OFDM 64QAM	1	1	18.59	18.45	18.44	19.20
	DFT-s-OFDM 256QAM	1	1	18.62	18.53	18.34	19.20
	CP-OFDM QPSK	1	1	18.58	18.54	18.36	19.20
	CP-OFDM 16QAM	1	1	18.47	18.59	18.44	19.20
	CP-OFDM 64QAM	1	1	18.52	18.65	18.49	19.20
	CP-OFDM 256QAM	1	1	17.57	17.55	17.81	18.70

N5-ANT1 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
	Modulation	RB Size	RB offest	826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.43	23.67	23.52	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
	Modulation	RB Size	RB offest	829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.44	23.58	23.46	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
15	Modulation	RB Size	RB offest	831.5	836.5	841.5	power
	DFT-s-OFDM QPSK	1	1	23.45	23.54	23.36	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
	Modulation	RB Size	RB offest	834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	**23.88**	23.51	23.34	24.20
		1	53	23.52	23.58	23.39	24.20
		1	104	23.56	23.50	23.45	24.20
		50	0	**23.77**	23.46	23.39	24.20
		50	28	23.68	23.60	23.51	24.20
		50	56	23.50	23.58	23.67	24.20
	DFT-s-OFDM QPSK	100	0	23.93	23.80	23.88	24.20
	DFT-s-OFDM 16QAM	1	1	23.39	23.49	23.49	24.20
	DFT-s-OFDM 64QAM	1	1	22.19	22.44	22.25	22.70
	DFT-s-OFDM 256QAM	1	1	19.57	19.86	20.07	20.70
	CP-OFDM QPSK	1	1	22.91	23.03	23.04	23.70
	CP-OFDM 16QAM	1	1	22.42	22.55	22.38	23.20
	CP-OFDM 64QAM	1	1	21.19	20.57	20.90	21.70
	CP-OFDM 256QAM	1	1	18.27	18.34	18.20	18.70

N7-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.19	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.06	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	23.18	23.12	23.23	24.20
		1	53	23.01	23.23	23.25	24.20
		1	104	23.12	**23.26**	22.99	24.20
		50	0	22.93	23.01	22.96	24.20
		50	28	**23.21**	23.08	23.19	24.20
		50	56	23.05	23.17	23.05	24.20
	DFT-s-OFDM QPSK	100	0	21.78	22.17	21.90	23.20
	DFT-s-OFDM 16QAM	1	1	22.18	22.03	22.13	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	20.81	20.77	21.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.67	18.96	19.70
	CP-OFDM QPSK	1	1	21.65	21.60	21.60	22.70
	CP-OFDM 16QAM	1	1	21.11	21.22	21.08	22.20
	CP-OFDM 64QAM	1	1	19.61	19.88	19.55	20.70
	CP-OFDM 256QAM	1	1	16.65	16.51	16.82	17.70

N7-ANT0 Level1(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.19	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.06	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**23.26**	23.12	23.23	24.20
		1	53	23.01	23.23	23.25	24.20
		1	104	23.12	23.18	22.99	24.20
		50	0	**23.21**	23.01	22.96	24.20
		50	28	22.93	23.08	23.19	24.20
		50	56	23.05	23.17	23.05	24.20
	DFT-s-OFDM QPSK	100	0	21.78	22.17	21.90	23.20
	DFT-s-OFDM 16QAM	1	1	22.18	22.03	22.13	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	20.81	20.77	21.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.67	18.96	19.70
	CP-OFDM QPSK	1	1	21.65	21.60	21.60	22.70
	CP-OFDM 16QAM	1	1	21.11	21.22	21.08	22.20
	CP-OFDM 64QAM	1	1	19.61	19.88	19.55	20.70
	CP-OFDM 256QAM	1	1	16.65	16.51	16.82	17.70

N7-ANT0 Level2(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	20.36	20.56	20.47	21.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	20.43	20.59	20.46	21.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	20.52	20.53	20.43	21.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**20.75**	20.69	20.62	21.70
		1	53	20.53	20.71	20.52	21.70
		1	104	20.62	20.74	20.63	21.70
		50	0	**20.66**	20.45	20.54	21.70
		50	28	20.47	20.56	20.66	21.70
		50	56	20.56	20.46	20.63	21.70
	DFT-s-OFDM QPSK	100	0	20.70	20.76	20.47	21.70
	DFT-s-OFDM 16QAM	1	1	20.76	20.72	20.49	21.70
	DFT-s-OFDM 64QAM	1	1	20.46	20.92	20.57	21.70
	DFT-s-OFDM 256QAM	1	1	18.51	18.46	19.00	19.70
	CP-OFDM QPSK	1	1	20.45	20.74	20.59	21.70
	CP-OFDM 16QAM	1	1	20.57	20.54	20.76	21.70
	CP-OFDM 64QAM	1	1	19.63	19.71	19.46	20.70
	CP-OFDM 256QAM	1	1	16.48	16.57	16.93	17.70

N7-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.19	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.06	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	23.18	23.12	23.23	24.20
		1	53	23.01	23.23	23.25	24.20
		1	104	23.12	**23.26**	22.99	24.20
		50	0	22.93	23.01	22.96	24.20
		50	28	**23.21**	23.08	23.19	24.20
		50	56	23.05	23.17	23.05	24.20
	DFT-s-OFDM QPSK	100	0	21.78	22.17	21.90	23.20
	DFT-s-OFDM 16QAM	1	1	22.18	22.03	22.13	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	20.81	20.77	21.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.67	18.96	19.70
	CP-OFDM QPSK	1	1	21.65	21.60	21.60	22.70
	CP-OFDM 16QAM	1	1	21.11	21.22	21.08	22.20
	CP-OFDM 64QAM	1	1	19.61	19.88	19.55	20.70
	CP-OFDM 256QAM	1	1	16.65	16.51	16.82	17.70

N7-ANT0 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.05	22.97	23.21	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.19	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.09	22.94	23.06	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**23.26**	23.12	23.23	24.20
		1	53	23.01	23.23	23.25	24.20
		1	104	23.12	23.18	22.99	24.20
		50	0	**23.21**	23.01	22.96	24.20
		50	28	22.93	23.08	23.19	24.20
		50	56	23.05	23.17	23.05	24.20
	DFT-s-OFDM QPSK	100	0	21.78	22.17	21.90	23.20
	DFT-s-OFDM 16QAM	1	1	22.18	22.03	22.13	23.20
	DFT-s-OFDM 64QAM	1	1	20.68	20.81	20.77	21.70
	DFT-s-OFDM 256QAM	1	1	18.71	18.67	18.96	19.70
	CP-OFDM QPSK	1	1	21.65	21.60	21.60	22.70
	CP-OFDM 16QAM	1	1	21.11	21.22	21.08	22.20
	CP-OFDM 64QAM	1	1	19.61	19.88	19.55	20.70
	CP-OFDM 256QAM	1	1	16.65	16.51	16.82	17.70

N7-ANT0 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	20.36	20.56	20.47	21.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	20.43	20.59	20.46	21.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	20.52	20.53	20.43	21.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**20.75**	20.69	20.62	21.70
		1	53	20.53	20.71	20.52	21.70
		1	104	20.62	20.74	20.63	21.70
		50	0	**20.66**	20.45	20.54	21.70
		50	28	20.47	20.56	20.66	21.70
		50	56	20.56	20.46	20.63	21.70
	DFT-s-OFDM QPSK	100	0	20.70	20.76	20.47	21.70
	DFT-s-OFDM 16QAM	1	1	20.76	20.72	20.49	21.70
	DFT-s-OFDM 64QAM	1	1	20.46	20.92	20.57	21.70
	DFT-s-OFDM 256QAM	1	1	18.51	18.46	19.00	19.70
	CP-OFDM QPSK	1	1	20.45	20.74	20.59	21.70
	CP-OFDM 16QAM	1	1	20.57	20.54	20.76	21.70
	CP-OFDM 64QAM	1	1	19.63	19.71	19.46	20.70
	CP-OFDM 256QAM	1	1	16.48	16.57	16.93	17.70

N7-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.22	23.03	22.87	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.06	23.15	22.88	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.04	22.99	22.91	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**23.23**	23.16	23.03	24.20
		1	53	22.96	23.15	23.04	24.20
		1	104	22.99	23.13	23.19	24.20
		50	0	23.15	23.15	23.09	24.20
		50	28	23.19	22.91	23.10	24.20
		50	56	23.05	23.20	**23.21**	24.20
	DFT-s-OFDM QPSK	100	0	22.23	22.18	22.34	23.20
	DFT-s-OFDM 16QAM	1	1	21.90	22.35	21.92	23.20
	DFT-s-OFDM 64QAM	1	1	20.56	20.67	20.65	21.70
	DFT-s-OFDM 256QAM	1	1	18.64	18.70	18.68	19.70
	CP-OFDM QPSK	1	1	21.56	21.54	21.61	22.70
	CP-OFDM 16QAM	1	1	21.34	21.03	21.26	22.20
	CP-OFDM 64QAM	1	1	19.52	19.54	19.79	20.70
	CP-OFDM 256QAM	1	1	16.73	16.30	16.78	17.70

N7-ANT1 Level1(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	15.62	15.53	15.56	16.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	15.57	15.61	15.69	16.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	15.55	15.56	15.57	16.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	15.71	**15.74**	15.61	16.70
		1	53	15.73	15.60	15.56	16.70
		1	104	15.50	15.66	15.45	16.70
		50	0	15.58	**15.68**	15.44	16.70
		50	28	15.61	15.60	15.56	16.70
		50	56	15.50	15.57	15.44	16.70
	DFT-s-OFDM QPSK	100	0	15.63	15.55	15.65	16.70
	DFT-s-OFDM 16QAM	1	1	15.61	15.62	15.57	16.70
	DFT-s-OFDM 64QAM	1	1	15.43	15.61	15.61	16.70
	DFT-s-OFDM 256QAM	1	1	15.68	15.49	15.49	16.70
	CP-OFDM QPSK	1	1	15.46	15.55	15.59	16.70
	CP-OFDM 16QAM	1	1	15.41	15.62	15.59	16.70
	CP-OFDM 64QAM	1	1	15.76	15.42	15.75	16.70
	CP-OFDM 256QAM	1	1	15.44	15.73	15.53	16.70

N7-ANT1 Level2(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	17.56	17.64	17.65	18.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	17.55	17.63	17.62	18.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	17.46	17.49	17.66	18.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.60	**17.72**	17.65	18.70
		1	53	17.50	17.64	17.58	18.70
		1	104	17.70	17.67	17.45	18.70
		50	0	17.41	**17.63**	17.49	18.70
		50	28	17.41	17.46	17.41	18.70
		50	56	17.49	17.47	17.52	18.70
	DFT-s-OFDM QPSK	100	0	17.53	17.56	17.45	18.70
	DFT-s-OFDM 16QAM	1	1	17.68	17.59	17.54	18.70
	DFT-s-OFDM 64QAM	1	1	17.74	17.52	17.68	18.70
	DFT-s-OFDM 256QAM	1	1	17.62	17.68	17.52	18.70
	CP-OFDM QPSK	1	1	17.75	17.64	17.41	18.70
	CP-OFDM 16QAM	1	1	17.76	17.44	17.55	18.70
	CP-OFDM 64QAM	1	1	17.49	17.69	17.76	18.70
	CP-OFDM 256QAM	1	1	16.79	16.19	16.83	17.70

N7-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.22	23.03	22.87	24.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.06	23.15	22.88	24.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	23.04	22.99	22.91	24.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**23.23**	23.16	23.03	24.20
		1	53	22.96	23.15	23.04	24.20
		1	104	22.99	23.13	23.19	24.20
		50	0	23.15	23.15	23.09	24.20
		50	28	23.19	22.91	23.10	24.20
		50	56	23.05	23.20	**23.21**	24.20
	DFT-s-OFDM QPSK	100	0	22.23	22.18	22.34	23.20
	DFT-s-OFDM 16QAM	1	1	21.90	22.35	21.92	23.20
	DFT-s-OFDM 64QAM	1	1	20.56	20.67	20.65	21.70
	DFT-s-OFDM 256QAM	1	1	18.64	18.70	18.68	19.70
	CP-OFDM QPSK	1	1	21.56	21.54	21.61	22.70
	CP-OFDM 16QAM	1	1	21.34	21.03	21.26	22.20
	CP-OFDM 64QAM	1	1	19.52	19.54	19.79	20.70
	CP-OFDM 256QAM	1	1	16.73	16.30	16.78	17.70

N7-ANT1 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	15.62	15.53	15.56	16.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	15.57	15.61	15.69	16.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	15.55	15.56	15.57	16.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	15.71	**15.74**	15.61	16.70
		1	53	15.73	15.60	15.56	16.70
		1	104	15.50	15.66	15.45	16.70
		50	0	15.58	**15.68**	15.44	16.70
		50	28	15.61	15.60	15.56	16.70
		50	56	15.50	15.57	15.44	16.70
	DFT-s-OFDM QPSK	100	0	15.63	15.55	15.65	16.70
	DFT-s-OFDM 16QAM	1	1	15.61	15.62	15.57	16.70
	DFT-s-OFDM 64QAM	1	1	15.43	15.61	15.61	16.70
	DFT-s-OFDM 256QAM	1	1	15.68	15.49	15.49	16.70
	CP-OFDM QPSK	1	1	15.46	15.55	15.59	16.70
	CP-OFDM 16QAM	1	1	15.41	15.62	15.59	16.70
	CP-OFDM 64QAM	1	1	15.76	15.42	15.75	16.70
	CP-OFDM 256QAM	1	1	15.44	15.73	15.53	16.70

N7-ANT1 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	17.56	17.64	17.65	18.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	17.55	17.63	17.62	18.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	17.46	17.49	17.66	18.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.60	**17.72**	17.65	18.70
		1	53	17.50	17.64	17.58	18.70
		1	104	17.70	17.67	17.45	18.70
		50	0	17.41	**17.63**	17.49	18.70
		50	28	17.41	17.46	17.41	18.70
		50	56	17.49	17.47	17.52	18.70
	DFT-s-OFDM QPSK	100	0	17.53	17.56	17.45	18.70
	DFT-s-OFDM 16QAM	1	1	17.68	17.59	17.54	18.70
	DFT-s-OFDM 64QAM	1	1	17.74	17.52	17.68	18.70
	DFT-s-OFDM 256QAM	1	1	17.62	17.68	17.52	18.70
	CP-OFDM QPSK	1	1	17.75	17.64	17.41	18.70
	CP-OFDM 16QAM	1	1	17.76	17.44	17.55	18.70
	CP-OFDM 64QAM	1	1	17.49	17.69	17.76	18.70
	CP-OFDM 256QAM	1	1	16.79	16.19	16.83	17.70

N7-ANT4 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	21.78	21.71	21.75	22.80
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	21.90	21.76	21.83	22.80
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	21.81	21.78	21.73	22.80
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	21.94	21.83	21.90	22.80
		1	53	21.81	21.81	21.83	22.80
		1	104	21.94	21.82	**21.96**	22.80
		50	0	21.77	21.83	21.64	22.80
		50	28	21.76	21.87	21.61	22.80
		50	56	21.62	**21.91**	21.81	22.80
	DFT-s-OFDM QPSK	100	0	21.39	21.54	21.44	21.80
	DFT-s-OFDM 16QAM	1	1	20.89	20.91	20.87	21.80
	DFT-s-OFDM 64QAM	1	1	19.18	19.11	19.22	20.30
	DFT-s-OFDM 256QAM	1	1	17.50	17.47	17.57	18.30
	CP-OFDM QPSK	1	1	20.24	20.54	20.35	21.30
	CP-OFDM 16QAM	1	1	19.84	19.84	20.01	20.80
	CP-OFDM 64QAM	1	1	18.29	18.06	18.24	19.30
	CP-OFDM 256QAM	1	1	15.81	15.68	15.73	16.30

N7-ANT4 Level1(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	18.07	18.11	18.17	19.30
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	18.06	18.03	18.28	19.30
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	18.06	18.16	18.14	19.30
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**18.33**	18.21	18.32	19.30
		1	53	18.18	18.27	18.02	19.30
		1	104	18.13	18.32	18.27	19.30
		50	0	**18.34**	18.13	18.27	19.30
		50	28	18.05	18.10	18.30	19.30
		50	56	18.12	18.21	18.28	19.30
	DFT-s-OFDM QPSK	100	0	18.20	18.08	18.12	19.30
	DFT-s-OFDM 16QAM	1	1	18.32	18.13	18.07	19.30
	DFT-s-OFDM 64QAM	1	1	18.28	18.08	18.24	19.30
	DFT-s-OFDM 256QAM	1	1	17.49	17.35	17.53	18.30
	CP-OFDM QPSK	1	1	18.06	18.28	18.35	19.30
	CP-OFDM 16QAM	1	1	18.29	18.21	18.33	19.30
	CP-OFDM 64QAM	1	1	18.30	18.17	18.30	19.30
	CP-OFDM 256QAM	1	1	15.87	15.68	15.81	16.30

N7-ANT4 Level2(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	17.60	17.74	17.59	18.80
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	17.50	17.75	17.60	18.80
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	17.54	17.68	17.48	18.80
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.65	**17.81**	17.66	18.80
		1	53	17.70	17.76	17.55	18.80
		1	104	17.61	17.80	17.80	18.80
		50	0	17.71	**17.76**	17.59	18.80
		50	28	17.68	17.59	17.57	18.80
		50	56	17.71	17.51	17.56	18.80
	DFT-s-OFDM QPSK	100	0	17.57	17.73	17.69	18.80
	DFT-s-OFDM 16QAM	1	1	17.83	17.65	17.53	18.80
	DFT-s-OFDM 64QAM	1	1	17.57	17.66	17.69	18.80
	DFT-s-OFDM 256QAM	1	1	17.38	17.29	17.68	18.30
	CP-OFDM QPSK	1	1	17.59	17.74	17.57	18.80
	CP-OFDM 16QAM	1	1	17.53	17.70	17.59	18.80
	CP-OFDM 64QAM	1	1	17.53	17.74	17.85	18.80
	CP-OFDM 256QAM	1	1	15.82	15.79	15.77	16.30

N7-ANT4 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	21.78	21.71	21.75	23.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	21.90	21.76	21.83	23.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	21.81	21.78	21.73	23.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	21.94	21.83	21.90	23.20
		1	53	21.81	21.81	21.83	23.20
		1	104	21.94	21.82	**21.96**	23.20
		50	0	21.77	21.83	21.64	23.20
		50	28	21.76	21.87	21.61	23.20
		50	56	21.62	**21.91**	21.81	23.20
	DFT-s-OFDM QPSK	100	0	21.39	21.54	21.44	22.20
	DFT-s-OFDM 16QAM	1	1	20.89	20.91	20.87	22.20
	DFT-s-OFDM 64QAM	1	1	19.18	19.11	19.22	20.70
	DFT-s-OFDM 256QAM	1	1	17.50	17.47	17.57	18.70
	CP-OFDM QPSK	1	1	20.24	20.54	20.35	21.70
	CP-OFDM 16QAM	1	1	19.84	19.84	20.01	21.20
	CP-OFDM 64QAM	1	1	18.29	18.06	18.24	19.70
	CP-OFDM 256QAM	1	1	15.81	15.68	15.73	16.70

N7-ANT4 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	18.07	18.11	18.17	19.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	18.06	18.03	18.28	19.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	18.06	18.16	18.14	19.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	**18.33**	18.21	18.32	19.20
		1	53	18.18	18.27	18.02	19.20
		1	104	18.13	18.32	18.27	19.20
		50	0	**18.34**	18.13	18.27	19.20
		50	28	18.05	18.10	18.30	19.20
		50	56	18.12	18.21	18.28	19.20
	DFT-s-OFDM QPSK	100	0	18.20	18.08	18.12	19.20
	DFT-s-OFDM 16QAM	1	1	18.32	18.13	18.07	19.20
	DFT-s-OFDM 64QAM	1	1	18.28	18.08	18.24	19.20
	DFT-s-OFDM 256QAM	1	1	17.49	17.35	17.53	18.70
	CP-OFDM QPSK	1	1	18.06	18.28	18.35	19.20
	CP-OFDM 16QAM	1	1	18.29	18.21	18.33	19.20
	CP-OFDM 64QAM	1	1	18.30	18.17	18.30	19.20
	CP-OFDM 256QAM	1	1	15.87	15.68	15.81	16.70

N7-ANT4 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
	Modulation	RB Size	RB offset	2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	17.60	17.74	17.59	18.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
	Modulation	RB Size	RB offset	2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	17.50	17.75	17.60	18.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
15	Modulation	RB Size	RB offset	2507.5	2535	2562.5	power
	DFT-s-OFDM QPSK	1	1	17.54	17.68	17.48	18.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
	Modulation	RB Size	RB offset	2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.65	**17.81**	17.66	18.70
		1	53	17.70	17.76	17.55	18.70
		1	104	17.61	17.80	17.80	18.70
		50	0	17.71	**17.76**	17.59	18.70
		50	28	17.68	17.59	17.57	18.70
		50	56	17.71	17.51	17.56	18.70
	DFT-s-OFDM QPSK	100	0	17.57	17.73	17.69	18.70
	DFT-s-OFDM 16QAM	1	1	17.83	17.65	17.53	18.70
	DFT-s-OFDM 64QAM	1	1	17.57	17.66	17.69	18.70
	DFT-s-OFDM 256QAM	1	1	17.38	17.29	17.68	18.70
	CP-OFDM QPSK	1	1	17.59	17.74	17.57	18.70
	CP-OFDM 16QAM	1	1	17.53	17.70	17.59	18.70
	CP-OFDM 64QAM	1	1	17.53	17.74	17.85	18.70
	CP-OFDM 256QAM	1	1	15.82	15.79	15.77	16.70

N38-ANT3 Full power(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	**23.07**	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	**23.01**	24.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	23.14	24.20
		1	53	22.88	**23.18**	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
		50	0	22.88	22.81	23.07	24.20
		50	28	23.07	23.03	23.03	24.20
		50	56	**23.10**	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
	CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70
	CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70

N38-ANT0 Level1(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	**23.07**	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	**23.01**	24.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	**23.18**	24.20
		1	53	22.88	23.14	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
		50	0	22.88	22.81	**23.10**	24.20
		50	28	23.07	23.03	23.03	24.20
		50	56	23.05	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
	CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70
	CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70

N38-ANT0 Level2(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	22.82	23.04	**23.07**	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	22.90	22.91	**23.01**	24.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	23.01	23.07	**23.18**	24.20
		1	53	22.88	23.14	22.94	24.20
		1	104	23.13	22.91	22.81	24.20
		50	0	22.88	22.81	**23.10**	24.20
		50	28	23.07	23.03	23.03	24.20
		50	56	23.05	22.83	22.82	24.20
	DFT-s-OFDM QPSK	100	0	21.33	21.57	21.32	23.20
	DFT-s-OFDM 16QAM	1	1	22.08	22.21	22.51	23.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.64	20.45	21.70
	DFT-s-OFDM 256QAM	1	1	18.58	18.66	18.57	19.70
	CP-OFDM QPSK	1	1	21.47	21.33	21.52	22.70
	CP-OFDM 16QAM	1	1	21.09	21.20	21.15	22.20
	CP-OFDM 64QAM	1	1	19.55	19.62	19.83	20.70
	CP-OFDM 256QAM	1	1	16.70	16.74	16.95	17.70

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	22.88	**23.09**	22.91	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	22.92	**23.13**	22.88	24.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	23.01	23.13	**23.24**	24.20
		1	53	23.04	23.16	23.22	24.20
		1	104	23.14	23.11	23.21	24.20
		50	0	23.09	23.03	**23.25**	24.20
		50	28	22.99	22.97	23.01	24.20
		50	56	23.13	23.20	23.05	24.20
	DFT-s-OFDM QPSK	100	0	21.89	22.04	21.87	23.20
	DFT-s-OFDM 16QAM	1	1	22.21	22.18	22.04	23.20
	DFT-s-OFDM 64QAM	1	1	20.36	20.21	20.33	21.70
	DFT-s-OFDM 256QAM	1	1	18.38	18.25	18.67	19.70
	CP-OFDM QPSK	1	1	21.31	21.47	21.73	22.70
	CP-OFDM 16QAM	1	1	20.73	20.94	21.27	22.20
	CP-OFDM 64QAM	1	1	19.13	19.16	19.20	20.70
	CP-OFDM 256QAM	1	1	16.46	16.48	16.77	17.70

N38-ANT1 Level1(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	**15.08**	14.99	14.86	16.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	14.96	**15.15**	14.90	16.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	15.15	**15.22**	15.17	16.20
		1	53	14.94	15.11	15.12	16.20
		1	104	15.10	15.14	15.13	16.20
		50	0	15.12	**15.15**	15.07	16.20
		50	28	15.14	15.12	15.06	16.20
		50	56	15.12	15.13	15.03	16.20
	DFT-s-OFDM QPSK	100	0	15.17	14.97	15.26	16.20
	DFT-s-OFDM 16QAM	1	1	15.08	15.07	15.13	16.20
	DFT-s-OFDM 64QAM	1	1	15.00	15.17	15.15	16.20
	DFT-s-OFDM 256QAM	1	1	15.10	14.93	15.17	16.20
	CP-OFDM QPSK	1	1	14.99	15.03	15.09	16.20
	CP-OFDM 16QAM	1	1	14.99	15.02	15.07	16.20
	CP-OFDM 64QAM	1	1	15.00	14.93	15.24	16.20
	CP-OFDM 256QAM	1	1	15.04	15.00	15.15	16.20

N38-ANT1 Level2(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	18.52	18.43	**18.53**	19.70
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	18.55	18.51	**18.62**	19.70
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	18.59	**18.71**	18.52	19.70
		1	53	18.42	18.63	18.65	19.70
		1	104	18.62	18.56	18.63	19.70
		50	0	18.69	**18.74**	18.59	19.70
		50	28	18.55	18.41	18.70	19.70
		50	56	18.53	18.52	18.71	19.70
	DFT-s-OFDM QPSK	100	0	18.49	18.60	18.65	19.70
	DFT-s-OFDM 16QAM	1	1	18.73	18.74	18.45	19.70
	DFT-s-OFDM 64QAM	1	1	18.41	18.58	18.53	19.70
	DFT-s-OFDM 256QAM	1	1	18.21	18.06	18.48	19.70
	CP-OFDM QPSK	1	1	18.63	18.42	18.54	19.70
	CP-OFDM 16QAM	1	1	18.46	18.42	18.71	19.70
	CP-OFDM 64QAM	1	1	18.42	18.65	18.54	19.70
	CP-OFDM 256QAM	1	1	16.34	16.50	16.53	17.70

N38-ANT4 Full power(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	21.89	**21.94**	21.52	22.80
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	21.78	**21.95**	21.50	22.80
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	21.94	**21.95**	21.69	22.80
		1	53	21.67	21.93	**21.95**	22.80
		1	104	21.72	21.93	21.92	22.80
		50	0	21.72	21.64	21.83	22.80
		50	28	21.95	21.67	21.89	22.80
		50	56	21.65	**21.96**	21.63	22.80
	DFT-s-OFDM QPSK	100	0	20.81	20.85	20.74	21.80
	DFT-s-OFDM 16QAM	1	1	20.90	20.83	20.91	21.80
	DFT-s-OFDM 64QAM	1	1	19.20	19.25	19.36	20.30
	DFT-s-OFDM 256QAM	1	1	17.33	17.37	17.32	18.30
	CP-OFDM QPSK	1	1	20.14	20.42	20.17	21.30
	CP-OFDM 16QAM	1	1	19.68	19.89	20.05	20.80
	CP-OFDM 64QAM	1	1	18.10	17.97	18.03	19.30
	CP-OFDM 256QAM	1	1	15.87	15.70	15.56	16.30

N38-ANT4 Level1(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	**20.15**	20.14	20.02	21.30
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	**20.18**	20.12	20.04	21.30
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	20.18	20.23	**20.24**	21.30
		1	53	19.97	20.21	20.10	21.30
		1	104	20.14	20.19	20.18	21.30
		50	0	20.17	20.10	**20.24**	21.30
		50	28	20.02	20.06	20.07	21.30
		50	56	20.03	19.99	20.00	21.30
	DFT-s-OFDM QPSK	100	0	20.11	20.06	20.19	21.30
	DFT-s-OFDM 16QAM	1	1	20.03	20.29	20.16	21.30
	DFT-s-OFDM 64QAM	1	1	19.11	19.23	19.24	20.30
	DFT-s-OFDM 256QAM	1	1	17.16	17.27	17.12	18.30
	CP-OFDM QPSK	1	1	20.02	20.33	20.11	21.30
	CP-OFDM 16QAM	1	1	19.63	19.81	20.16	20.80
	CP-OFDM 64QAM	1	1	18.13	17.80	17.84	19.30
	CP-OFDM 256QAM	1	1	15.82	15.49	15.62	16.30

N38-ANT4 Level2(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
20	DFT-s-OFDM QPSK	1	1	**20.15**	20.14	20.02	21.30
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
30	DFT-s-OFDM QPSK	1	1	**20.18**	20.12	20.04	21.30
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
40	DFT-s-OFDM QPSK	1	1	20.18	20.23	**20.24**	21.30
		1	53	19.97	20.21	20.10	21.30
		1	104	20.14	20.19	20.18	21.30
		50	0	20.17	20.10	**20.24**	21.30
		50	28	20.02	20.06	20.07	21.30
		50	56	20.00	19.99	20.03	21.30
	DFT-s-OFDM QPSK	100	0	20.11	20.06	20.19	21.30
	DFT-s-OFDM 16QAM	1	1	20.03	20.29	20.16	21.30
	DFT-s-OFDM 64QAM	1	1	19.11	19.23	19.24	20.30
	DFT-s-OFDM 256QAM	1	1	17.16	17.27	17.12	18.30
	CP-OFDM QPSK	1	1	20.02	20.33	20.11	21.30
	CP-OFDM 16QAM	1	1	19.63	19.81	20.16	20.80
	CP-OFDM 64QAM	1	1	18.13	17.80	17.84	19.30
	CP-OFDM 256QAM	1	1	15.82	15.49	15.62	16.30

N41-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	23.08	23.14	23.15	24.20
		1	137	23.05	23.00	**23.34**	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	23.18	23.03	22.93	24.20
		135	69	23.16	22.98	**23.23**	23.07	23.06	24.20
		135	138	23.01	23.05	**23.23**	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT0 Level1(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	**23.34**	23.14	23.15	24.20
		1	137	23.05	23.00	23.08	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	**23.23**	23.03	22.93	24.20
		135	69	23.16	22.98	23.15	23.07	23.06	24.20
		135	138	23.01	23.05	23.21	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT0 Level2(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	**23.34**	23.14	23.15	24.20
		1	137	23.05	23.00	23.08	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	**23.23**	23.03	22.93	24.20
		135	69	23.16	22.98	23.15	23.07	23.06	24.20
		135	138	23.01	23.05	23.21	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	23.08	23.14	23.15	24.20
		1	137	23.05	23.00	**23.34**	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	23.18	23.03	22.93	24.20
		135	69	23.16	22.98	**23.23**	23.07	23.06	24.20
		135	138	23.01	23.05	**23.23**	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT0 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	**23.34**	23.14	23.15	24.20
		1	137	23.05	23.00	23.08	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	**23.23**	23.03	22.93	24.20
		135	69	23.16	22.98	23.15	23.07	23.06	24.20
		135	138	23.01	23.05	23.21	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT0 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.79	22.83	23.01	22.97	23.09	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.93	23.14	23.13	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.90	22.75	23.00	22.95	23.10	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.83	22.84	23.00	23.13	22.96	24.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.92	22.73	23.02	23.07	22.96	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.92	23.03	22.96	24.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	22.97	22.80	22.89	23.10	23.00	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.83	22.91	22.97	23.11	23.00	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	22.98	22.91	**23.34**	23.14	23.15	24.20
		1	137	23.05	23.00	23.08	23.22	23.12	24.20
		1	271	23.22	23.16	23.25	23.21	23.17	24.20
	DFT-s-OFDM QPSK	135	0	22.92	22.96	**23.23**	23.03	22.93	24.20
		135	69	23.16	22.98	23.15	23.07	23.06	24.20
		135	138	23.01	23.05	23.21	23.08	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.31	22.28	22.42	22.42	22.26	24.20
	DFT-s-OFDM 16QAM	1	1	22.34	22.39	22.35	22.42	22.44	23.20
	DFT-s-OFDM 64QAM	1	1	20.62	20.49	20.65	20.65	20.79	21.70
	DFT-s-OFDM 256QAM	1	1	18.31	18.40	18.50	18.52	18.23	19.70
	CP-OFDM QPSK	1	1	21.51	21.64	21.70	21.78	21.93	22.70
	CP-OFDM 16QAM	1	1	21.08	21.01	21.22	21.30	21.39	22.20
	CP-OFDM 64QAM	1	1	19.47	19.69	19.33	19.77	19.74	20.70
	CP-OFDM 256QAM	1	1	16.82	16.97	16.66	16.70	16.90	17.70

N41-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.91	23.11	22.95	23.13	22.95	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.86	23.17	23.00	23.06	22.88	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.85	23.05	23.00	23.09	22.96	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.92	22.99	22.96	23.21	22.95	24.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.94	23.01	22.91	23.14	22.88	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.84	23.10	23.02	23.20	22.84	24.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	23.02	23.06	22.94	23.14	22.89	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.97	23.03	22.92	23.15	22.88	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	23.02	23.17	23.04	23.21	23.00	24.20
		1	137	23.20	23.26	**23.31**	23.21	23.08	24.20
		1	271	23.07	23.25	23.21	23.26	23.05	24.20
	DFT-s-OFDM QPSK	135	0	23.22	23.19	23.21	23.20	22.99	24.20
		135	69	23.08	23.21	23.15	23.06	**23.26**	24.20
		135	138	23.10	23.11	23.11	23.11	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.27	22.24	22.26	22.34	22.28	24.20
	DFT-s-OFDM 16QAM	1	1	22.09	22.11	22.35	22.05	22.26	23.20
	DFT-s-OFDM 64QAM	1	1	20.55	20.49	20.56	20.46	20.29	21.70
	DFT-s-OFDM 256QAM	1	1	18.41	18.45	18.35	18.46	18.48	19.70
	CP-OFDM QPSK	1	1	21.31	21.47	21.64	21.40	21.42	22.70
	CP-OFDM 16QAM	1	1	21.19	21.22	20.80	20.83	20.80	22.20
	CP-OFDM 64QAM	1	1	19.59	19.34	19.45	19.37	19.23	20.70
	CP-OFDM 256QAM	1	1	16.85	16.78	16.83	16.71	16.52	17.70

N41-ANT1 Level1(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	14.97	14.86	14.96	14.81	14.91	16.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	14.96	14.97	14.93	14.77	14.97	16.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	14.85	14.90	15.01	14.83	14.98	16.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	14.96	14.81	14.97	14.90	14.89	16.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531998	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	14.89	14.86	14.99	14.76	15.01	16.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	14.93	14.82	14.85	14.85	14.96	16.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	14.87	14.95	14.94	14.76	14.92	16.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	14.89	14.78	14.97	14.94	14.88	16.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	15.04	14.97	**15.23**	14.95	15.03	16.20
		1	137	14.94	14.91	15.01	15.15	15.20	16.20
		1	271	15.11	15.12	15.08	14.93	15.22	16.20
	DFT-s-OFDM QPSK	135	0	15.02	15.20	**15.24**	15.06	14.93	16.20
		135	69	15.12	15.03	15.19	15.00	14.98	16.20
		135	138	15.08	15.22	15.15	14.97	15.14	16.20
	DFT-s-OFDM QPSK	270	0	15.10	15.11	15.17	15.14	14.95	16.20
	DFT-s-OFDM 16QAM	1	1	15.04	15.25	15.10	14.96	15.22	16.20
	DFT-s-OFDM 64QAM	1	1	14.91	15.12	14.96	15.14	15.12	16.20
	DFT-s-OFDM 256QAM	1	1	15.19	15.14	15.02	15.22	15.11	16.20
	CP-OFDM QPSK	1	1	15.05	15.20	15.05	14.91	15.16	16.20
	CP-OFDM 16QAM	1	1	15.22	15.22	15.26	14.98	14.93	16.20
	CP-OFDM 64QAM	1	1	15.10	15.21	14.94	15.00	15.26	16.20
	CP-OFDM 256QAM	1	1	15.12	15.17	15.19	15.14	15.19	16.20

N41-ANT1 Level2(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	18.09	17.92	17.94	17.74	17.89	19.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	18.10	17.88	17.98	17.78	17.91	19.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	18.12	17.88	17.86	17.91	17.95	19.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	18.15	17.86	18.01	17.88	17.86	19.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	18.13	17.86	17.88	17.93	17.78	17.97	19.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	17.99	17.84	17.98	17.84	17.80	19.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	18.13	17.81	17.89	17.91	17.90	19.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	18.12	17.81	17.95	17.91	17.86	19.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	18.15	17.99	**18.26**	17.93	17.97	19.20
		1	137	17.92	18.02	18.02	18.23	18.19	19.20
		1	271	18.05	18.11	18.16	18.21	18.05	19.20
	DFT-s-OFDM QPSK	135	0	18.23	18.23	**18.27**	18.17	17.97	19.20
		135	69	18.10	17.98	18.20	18.05	18.04	19.20
		135	138	18.01	18.06	18.19	17.98	18.22	19.20
	DFT-s-OFDM QPSK	270	0	18.21	18.12	17.99	18.10	18.24	19.20
	DFT-s-OFDM 16QAM	1	1	18.00	18.15	18.04	18.11	18.08	19.20
	DFT-s-OFDM 64QAM	1	1	18.07	17.99	17.91	18.20	18.04	19.20
	DFT-s-OFDM 256QAM	1	1	18.22	18.10	18.25	18.25	17.92	19.20
	CP-OFDM QPSK	1	1	18.14	17.96	17.97	18.26	18.14	19.20
	CP-OFDM 16QAM	1	1	18.14	17.95	18.07	18.23	17.94	19.20
	CP-OFDM 64QAM	1	1	17.93	17.98	18.16	17.96	17.95	19.20
	CP-OFDM 256QAM	1	1	16.85	16.83	16.66	16.69	16.29	17.70

N41-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	22.91	23.11	22.95	23.13	22.95	24.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	22.86	23.17	23.00	23.06	22.88	24.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	22.85	23.05	23.00	23.09	22.96	24.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	22.92	22.99	22.96	23.21	22.95	24.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	22.94	23.01	22.91	23.14	22.88	24.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	22.84	23.10	23.02	23.20	22.84	24.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	23.02	23.06	22.94	23.14	22.89	24.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	22.97	23.03	22.92	23.15	22.88	24.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	23.02	23.17	23.04	23.21	23.00	24.20
		1	137	23.20	23.26	**23.31**	23.21	23.08	24.20
		1	271	23.07	23.25	23.21	23.26	23.05	24.20
	DFT-s-OFDM QPSK	135	0	23.22	23.19	23.21	23.20	22.99	24.20
		135	69	23.08	23.21	23.15	23.06	**23.26**	24.20
		135	138	23.10	23.11	23.11	23.11	23.10	24.20
	DFT-s-OFDM QPSK	270	0	22.27	22.24	22.26	22.34	22.28	24.20
	DFT-s-OFDM 16QAM	1	1	22.09	22.11	22.35	22.05	22.26	23.20
	DFT-s-OFDM 64QAM	1	1	20.55	20.49	20.56	20.46	20.29	21.70
	DFT-s-OFDM 256QAM	1	1	18.41	18.45	18.35	18.46	18.48	19.70
	CP-OFDM QPSK	1	1	21.31	21.47	21.64	21.40	21.42	22.70
	CP-OFDM 16QAM	1	1	21.19	21.22	20.80	20.83	20.80	22.20
	CP-OFDM 64QAM	1	1	19.59	19.34	19.45	19.37	19.23	20.70
	CP-OFDM 256QAM	1	1	16.85	16.78	16.83	16.71	16.52	17.70

N41-ANT1 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	14.97	14.86	14.96	14.81	14.91	16.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	14.96	14.97	14.93	14.77	14.97	16.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	14.85	14.90	15.01	14.83	14.98	16.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	14.96	14.81	14.97	14.90	14.89	16.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531998	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	14.89	14.86	14.99	14.76	15.01	16.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	14.93	14.82	14.85	14.85	14.96	16.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	14.87	14.95	14.94	14.76	14.92	16.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	14.89	14.78	14.97	14.94	14.88	16.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	15.04	14.97	**15.23**	14.95	15.03	16.20
		1	137	14.94	14.91	15.01	15.15	15.20	16.20
		1	271	15.11	15.12	15.08	14.93	15.22	16.20
	DFT-s-OFDM QPSK	135	0	15.02	15.20	**15.24**	15.06	14.93	16.20
		135	69	15.12	15.03	15.19	15.00	14.98	16.20
		135	138	15.08	15.22	15.15	14.97	15.14	16.20
	DFT-s-OFDM QPSK	270	0	15.10	15.11	15.17	15.14	14.95	16.20
	DFT-s-OFDM 16QAM	1	1	15.04	15.25	15.10	14.96	15.22	16.20
	DFT-s-OFDM 64QAM	1	1	14.91	15.12	14.96	15.14	15.12	16.20
	DFT-s-OFDM 256QAM	1	1	15.19	15.14	15.02	15.22	15.11	16.20
	CP-OFDM QPSK	1	1	15.05	15.20	15.05	14.91	15.16	16.20
	CP-OFDM 16QAM	1	1	15.22	15.22	15.26	14.98	14.93	16.20
	CP-OFDM 64QAM	1	1	15.10	15.21	14.94	15.00	15.26	16.20
	CP-OFDM 256QAM	1	1	15.12	15.17	15.19	15.14	15.19	16.20

N41-ANT1 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	18.09	17.92	17.94	17.74	17.89	19.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	18.10	17.88	17.98	17.78	17.91	19.20
Bandwidth (MHz)		Channel		503202	510000	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	18.12	17.88	17.86	17.91	17.95	19.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	18.15	17.86	18.01	17.88	17.86	19.20
Bandwidth (MHz)		Channel		505200	511992	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	18.13	17.86	17.93	17.78	17.97	19.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	17.99	17.84	17.98	17.84	17.80	19.20
Bandwidth (MHz)		Channel		507204	513004	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	18.13	17.81	17.89	17.91	17.90	19.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	18.12	17.81	17.95	17.91	17.86	19.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	18.15	17.99	**18.26**	17.93	17.97	19.20
		1	137	17.92	18.02	18.02	18.23	18.19	19.20
		1	271	18.05	18.11	18.16	18.21	18.05	19.20
	DFT-s-OFDM QPSK	135	0	18.23	18.25	**18.27**	18.17	17.97	19.20
		135	69	18.10	17.98	18.20	18.05	18.04	19.20
		135	138	18.01	18.06	18.19	17.98	18.22	19.20
	DFT-s-OFDM QPSK	270	0	18.21	18.12	17.99	18.10	18.24	19.20
	DFT-s-OFDM 16QAM	1	1	18.00	18.15	18.04	18.11	18.08	19.20
	DFT-s-OFDM 64QAM	1	1	18.07	17.99	17.91	18.20	18.04	19.20
	DFT-s-OFDM 256QAM	1	1	18.22	18.10	18.25	18.25	17.92	19.20
	CP-OFDM QPSK	1	1	18.14	17.96	17.97	18.26	18.14	19.20
	CP-OFDM 16QAM	1	1	18.14	17.95	18.07	18.23	17.94	19.20
	CP-OFDM 64QAM	1	1	17.93	17.98	18.16	17.96	17.95	19.20
	CP-OFDM 256QAM	1	1	16.85	16.83	16.66	16.69	16.29	17.70

N41-ANT4 Full power(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	21.68	21.63	21.84	21.71	21.63	22.80
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	21.71	21.63	21.67	21.73	21.74	22.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	21.64	21.62	21.77	21.73	21.62	22.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	21.63	21.58	21.83	21.71	21.61	22.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	21.62	21.67	21.81	21.84	21.70	22.80
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	21.74	21.67	21.77	21.73	21.73	22.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	21.61	21.57	21.66	21.68	21.56	22.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	21.62	21.52	21.85	21.84	21.70	22.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	21.81	21.67	21.85	21.85	21.75	22.80
		1	137	**21.95**	21.87	21.92	21.73	21.95	22.80
		1	271	21.84	21.93	21.83	21.81	21.78	22.80
	DFT-s-OFDM QPSK	135	0	21.63	21.84	21.76	21.73	21.72	22.80
		135	69	21.84	21.82	21.92	21.91	21.84	22.80
		135	138	**21.93**	21.90	21.85	21.90	21.87	22.80
	DFT-s-OFDM QPSK	270	0	20.81	20.60	20.77	20.68	20.94	21.80
	DFT-s-OFDM 16QAM	1	1	20.64	20.84	20.96	20.67	20.95	21.80
	DFT-s-OFDM 64QAM	1	1	19.49	19.29	19.21	19.28	19.34	20.30
	DFT-s-OFDM 256QAM	1	1	17.58	17.51	17.37	17.19	17.26	18.30
	CP-OFDM QPSK	1	1	20.50	20.49	20.25	20.45	20.42	21.30
	CP-OFDM 16QAM	1	1	19.76	19.91	19.84	20.02	19.79	20.80
	CP-OFDM 64QAM	1	1	18.17	18.28	18.41	18.42	18.26	19.30
	CP-OFDM 256QAM	1	1	15.77	15.69	15.84	15.81	15.87	16.30

N41-ANT4 Level1(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	20.15	20.03	19.97	20.00	19.89	21.30
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	20.10	20.10	19.92	20.02	20.00	21.30
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	20.09	20.15	20.06	20.10	19.90	21.30
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	20.16	19.99	19.97	19.95	20.04	21.30
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	20.16	19.99	20.04	20.11	19.91	21.30
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	20.03	20.06	20.03	20.02	19.90	21.30
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	20.01	20.11	20.01	19.96	20.04	21.30
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	20.15	20.04	19.91	20.07	20.06	21.30
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	20.16	20.18	**20.31**	20.12	20.05	21.30
		1	137	20.08	20.05	20.08	20.23	19.98	21.30
		1	271	20.16	20.21	20.18	20.03	20.20	21.30
	DFT-s-OFDM QPSK	135	0	19.97	19.99	**20.26**	19.97	20.20	21.30
		135	69	20.09	19.94	20.16	20.03	20.01	21.30
		135	138	20.20	20.16	20.21	19.91	20.01	21.30
	DFT-s-OFDM QPSK	270	0	20.17	19.99	20.16	20.16	20.10	21.30
	DFT-s-OFDM 16QAM	1	1	20.07	20.03	20.10	20.23	20.16	21.30
	DFT-s-OFDM 64QAM	1	1	19.27	19.31	19.17	19.36	19.29	20.30
	DFT-s-OFDM 256QAM	1	1	17.57	17.28	17.43	17.26	17.16	18.30
	CP-OFDM QPSK	1	1	20.27	20.35	20.01	20.26	20.22	21.30
	CP-OFDM 16QAM	1	1	19.71	19.69	19.78	20.01	19.70	20.80
	CP-OFDM 64QAM	1	1	18.06	18.25	18.49	18.23	18.23	19.30
	CP-OFDM 256QAM	1	1	15.69	15.69	15.76	15.80	15.93	16.30

N41-ANT4 Level2(Only for SA)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	19.60	19.34	19.51	19.62	19.41	20.80
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	19.59	19.38	19.58	19.64	19.39	20.80
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	19.61	19.51	19.65	19.61	19.46	20.80
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	19.65	19.40	19.60	19.47	19.36	20.80
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	19.56	19.44	19.59	19.57	19.35	20.80
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	19.58	19.48	19.64	19.64	19.46	20.80
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	19.55	19.43	19.49	19.46	19.35	20.80
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	19.66	19.39	19.58	19.53	19.40	20.80
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	19.70	19.52	**19.74**	19.65	19.49	20.80
		1	137	19.58	19.57	19.66	19.58	19.60	20.80
		1	271	19.48	19.72	**19.74**	19.61	19.70	20.80
	DFT-s-OFDM QPSK	135	0	19.45	19.44	**19.72**	19.57	19.55	20.80
		135	69	19.41	19.47	19.58	19.47	19.69	20.80
		135	138	19.70	19.48	19.50	19.41	19.70	20.80
	DFT-s-OFDM QPSK	270	0	19.64	19.54	19.74	19.58	19.73	20.80
	DFT-s-OFDM 16QAM	1	1	19.70	19.56	19.74	19.41	19.48	20.80
	DFT-s-OFDM 64QAM	1	1	19.58	19.10	19.10	19.06	19.26	20.30
	DFT-s-OFDM 256QAM	1	1	17.30	17.46	17.19	17.23	17.30	18.30
	CP-OFDM QPSK	1	1	19.65	19.89	19.58	19.50	19.52	20.80
	CP-OFDM 16QAM	1	1	19.62	19.68	19.59	19.69	19.60	20.80
	CP-OFDM 64QAM	1	1	18.11	18.08	18.22	18.32	18.25	19.30
	CP-OFDM 256QAM	1	1	15.54	15.55	15.90	15.62	15.90	16.30

N41-ANT4 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	21.68	21.63	21.84	21.71	21.63	23.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	21.71	21.63	21.67	21.73	21.74	23.20
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	21.64	21.62	21.77	21.73	21.62	23.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	21.63	21.58	21.83	21.71	21.61	23.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	21.62	21.67	21.81	21.84	21.70	23.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	21.74	21.67	21.77	21.73	21.73	23.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	21.61	21.57	21.66	21.68	21.56	23.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	21.62	21.52	21.85	21.84	21.70	23.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	21.81	21.67	21.85	21.85	21.75	23.20
		1	137	**21.95**	21.87	21.92	21.73	21.95	23.20
		1	271	21.84	21.93	21.83	21.81	21.78	23.20
	DFT-s-OFDM QPSK	135	0	21.63	21.84	21.76	21.73	21.72	23.20
		135	69	21.84	21.82	21.92	21.91	21.84	23.20
		135	138	**21.93**	21.90	21.85	21.90	21.87	23.20
	DFT-s-OFDM QPSK	270	0	20.81	20.60	20.77	20.68	20.94	22.20
	DFT-s-OFDM 16QAM	1	1	20.64	20.84	20.96	20.67	20.95	22.20
	DFT-s-OFDM 64QAM	1	1	19.49	19.29	19.21	19.28	19.34	20.70
	DFT-s-OFDM 256QAM	1	1	17.58	17.51	17.37	17.19	17.26	18.70
	CP-OFDM QPSK	1	1	20.50	20.49	20.25	20.45	20.42	21.70
	CP-OFDM 16QAM	1	1	19.76	19.91	19.84	20.02	19.79	21.20
	CP-OFDM 64QAM	1	1	18.17	18.28	18.41	18.42	18.26	19.70
	CP-OFDM 256QAM	1	1	15.77	15.69	15.84	15.81	15.87	16.70

N41-ANT4 Level1(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	18.56	18.63	18.45	18.44	18.26	19.70
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	18.50	18.58	18.34	18.49	18.24	19.70
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	18.60	18.61	18.39	18.50	18.29	19.70
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	18.46	18.65	18.35	18.54	18.26	19.70
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	18.50	18.51	18.34	18.54	18.39	19.70
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	18.64	18.50	18.33	18.59	18.24	19.70
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	18.61	18.66	18.32	18.46	18.40	19.70
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	18.56	18.60	18.37	18.56	18.38	19.70
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	18.85	18.68	**18.88**	18.60	18.41	19.70
		1	137	18.48	18.42	18.74	18.54	18.54	19.70
		1	271	18.54	18.71	18.49	18.48	18.58	19.70
	DFT-s-OFDM QPSK	135	0	18.34	18.45	**18.72**	18.51	18.53	19.70
		135	69	18.50	18.32	18.58	18.44	18.52	19.70
		135	138	18.61	18.54	18.58	18.44	18.57	19.70
	DFT-s-OFDM QPSK	270	0	18.54	18.40	18.58	18.52	18.46	19.70
	DFT-s-OFDM 16QAM	1	1	18.61	18.44	18.51	18.64	18.57	19.70
	DFT-s-OFDM 64QAM	1	1	18.83	18.60	18.58	18.88	18.72	19.70
	DFT-s-OFDM 256QAM	1	1	17.53	17.26	17.22	17.24	17.15	18.70
	CP-OFDM QPSK	1	1	18.77	18.73	18.49	18.72	18.79	19.70
	CP-OFDM 16QAM	1	1	18.63	18.67	18.92	18.88	18.85	19.70
	CP-OFDM 64QAM	1	1	18.12	18.12	18.55	18.34	18.24	19.70
	CP-OFDM 256QAM	1	1	15.50	15.74	15.70	15.62	15.76	16.70

N41-ANT4 Level2(Only for ENDC)

Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up
	Modulation	RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	19.05	18.90	18.88	18.98	18.96	20.20
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up
	Modulation	RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	power(dB)
30	DFT-s-OFDM QPSK	1	1	18.95	18.94	19.00	19.06	18.97	20.20
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up
	Modulation	RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	19.06	19.03	18.91	18.98	18.92	20.20
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up
	Modulation	RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	19.05	18.89	19.06	19.05	18.89	20.20
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up
	Modulation	RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	power(dB)
60	DFT-s-OFDM QPSK	1	1	19.01	18.97	18.95	19.07	19.05	20.20
Bandwidth (MHz)		Channel		506202	512404	518598	524798	531000	Tune-up
	Modulation	RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	18.95	19.02	19.07	19.00	18.88	20.20
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up
	Modulation	RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	19.12	18.93	19.02	19.05	18.91	20.20
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up
	Modulation	RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	power(dB)
90	DFT-s-OFDM QPSK	1	1	18.97	18.96	18.95	19.06	18.94	20.20
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up
	Modulation	RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	19.12	19.08	**19.35**	19.07	19.05	20.20
		1	137	19.04	18.95	19.07	18.92	18.98	20.20
		1	271	18.85	19.11	19.14	18.98	19.21	20.20
	DFT-s-OFDM QPSK	135	0	19.05	19.00	**19.26**	18.96	18.96	20.20
		135	69	18.86	18.82	19.08	18.94	19.01	20.20
		135	138	19.10	18.95	19.02	18.88	19.21	20.20
	DFT-s-OFDM QPSK	270	0	19.02	19.04	19.08	18.93	19.22	20.20
	DFT-s-OFDM 16QAM	1	1	19.12	18.87	19.19	18.90	19.02	20.20
	DFT-s-OFDM 64QAM	1	1	19.35	19.30	19.32	19.12	19.42	20.20
	DFT-s-OFDM 256QAM	1	1	17.41	17.51	17.27	17.15	17.10	18.70
	CP-OFDM QPSK	1	1	18.87	18.87	18.60	18.78	18.88	20.20
	CP-OFDM 16QAM	1	1	18.59	18.93	18.90	19.01	18.81	20.20
	CP-OFDM 64QAM	1	1	18.11	18.08	18.44	18.33	18.06	19.70
	CP-OFDM 256QAM	1	1	15.86	15.55	15.80	15.66	15.98	16.70