

8 CONDUCTED RF OUTPUT POWER

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8.1 GSM Output Power

GSM 850-Level1-Ant.0								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	31.05	31.25	31.20	31.50	21.86	22.06	22.01	22.31
GPRS 1-Slot	31.04	31.22	31.16	31.50	21.85	22.03	21.97	22.31
GPRS 2-Slots	29.01	29.26	29.18	30.00	22.88	23.13	23.05	23.87
GPRS 3-Slots	27.38	27.51	27.49	27.70	22.96	23.09	23.07	23.28
GPRS 4-Slots	26.22	26.28	26.30	27.00	23.04	23.10	23.12	23.82
EGPRS 1-Slot	24.72	24.92	25.29	26.50	15.53	15.73	16.10	17.31
EGPRS 2-Slots	23.44	23.50	23.48	24.00	17.31	17.37	17.35	17.87
EGPRS 3-Slots	21.18	21.16	21.15	21.70	16.76	16.74	16.73	17.28
EGPRS 4-Slots	19.97	20.02	20.11	21.00	16.79	16.84	16.93	17.82
GSM 1900-Level1-Ant.3								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	24.49	24.49	24.48	25.20	15.30	15.30	15.29	16.01
GPRS 1-Slot	24.44	24.41	24.39	25.20	15.25	15.22	15.20	16.01
GPRS 2-Slots	22.27	22.31	22.27	23.20	16.14	16.18	16.14	17.07
GPRS 3-Slots	21.14	21.18	21.15	21.40	16.72	16.76	16.73	16.98
GPRS 4-Slots	20.06	20.06	20.03	20.70	16.88	16.88	16.85	17.52
EGPRS 1-Slot	20.40	20.59	20.23	21.70	11.21	11.40	11.04	12.51
EGPRS 2-Slots	18.97	18.99	18.77	20.20	12.84	12.86	12.64	14.07
EGPRS 3-Slots	16.76	16.60	16.56	17.90	12.34	12.18	12.14	13.48
EGPRS 4-Slots	15.61	15.44	15.28	17.20	12.43	12.26	12.10	14.02

GSM 850-Level2&3-Ant.0								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	26.37	26.38	26.29	26.50	17.18	17.19	17.10	17.31
GPRS 1-Slot	26.38	26.37	26.27	26.50	17.19	17.18	17.08	17.31
GPRS 2-Slots	24.44	24.45	24.38	25.00	18.31	18.32	18.25	18.87
GPRS 3-Slots	22.65	22.62	22.50	22.70	18.23	18.20	18.08	18.28
GPRS 4-Slots	21.44	21.39	21.26	22.00	18.26	18.21	18.08	18.82
EGPRS 1-Slot	19.64	21.10	19.56	21.50	10.45	11.91	10.37	12.31
EGPRS 2-Slots	18.39	18.56	18.28	19.00	12.26	12.43	12.15	12.87
EGPRS 3-Slots	16.06	16.66	16.04	16.70	11.64	12.24	11.62	12.28
EGPRS 4-Slots	14.96	15.08	14.87	16.00	11.78	11.90	11.69	12.82
GSM 1900-Level2&3-Ant.3								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	20.47	20.51	20.49	21.20	11.28	11.32	11.30	12.01
GPRS 1-Slot	20.46	20.50	20.48	21.20	11.27	11.31	11.29	12.01
GPRS 2-Slots	18.32	18.40	18.35	19.20	12.19	12.27	12.22	13.07
GPRS 3-Slots	17.21	17.30	17.25	17.40	12.79	12.88	12.83	12.98
GPRS 4-Slots	16.14	16.15	16.12	16.70	12.96	12.97	12.94	13.52
EGPRS 1-Slot	16.37	16.32	16.14	17.70	7.18	7.13	6.95	8.51
EGPRS 2-Slots	14.90	14.91	14.72	16.20	8.77	8.78	8.59	10.07
EGPRS 3-Slots	12.75	12.56	12.44	13.90	8.33	8.14	8.02	9.48
EGPRS 4-Slots	11.46	11.40	11.29	13.20	8.28	8.22	8.11	10.02

GSM 850-Level4-Ant.0								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.21	32.40	32.34	33.00	23.02	23.21	23.15	23.81
GPRS 1-Slot	32.19	32.37	32.33	33.00	23.00	23.18	23.14	23.81
GPRS 2-Slots	30.04	30.17	30.16	31.50	23.91	24.04	24.03	25.37
GPRS 3-Slots	27.83	28.01	27.97	29.20	23.41	23.59	23.55	24.78
GPRS 4-Slots	27.19	27.16	27.21	28.50	24.01	23.98	24.03	25.32
EGPRS 1-Slot	26.33	26.14	26.33	28.00	17.14	16.95	17.14	18.81
EGPRS 2-Slots	23.90	24.01	24.12	25.50	17.77	17.88	17.99	19.37
EGPRS 3-Slots	22.10	21.77	21.83	23.20	17.68	17.35	17.41	18.78
EGPRS 4-Slots	20.98	20.97	20.99	22.50	17.80	17.79	17.81	19.32
GSM 1900-Level4-Ant.3								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	28.91	29.05	28.84	29.70	19.72	19.86	19.65	20.51
GPRS 1-Slot	28.88	29.02	28.79	29.70	19.69	19.83	19.60	20.51
GPRS 2-Slots	26.52	26.71	26.52	27.70	20.39	20.58	20.39	21.57
GPRS 3-Slots	24.62	24.80	24.64	25.90	20.20	20.38	20.22	21.48
GPRS 4-Slots	24.00	24.16	24.00	25.20	20.82	20.98	20.82	22.02
EGPRS 1-Slot	24.60	24.60	24.44	26.20	15.41	15.41	15.25	17.01
EGPRS 2-Slots	23.35	23.14	23.08	24.70	17.22	17.01	16.95	18.57
EGPRS 3-Slots	20.89	20.91	20.90	22.40	16.47	16.49	16.48	17.98
EGPRS 4-Slots	19.79	19.75	19.73	21.70	16.61	16.57	16.55	18.52

GSM 850-Level5&6-Ant.0								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.21	32.40	32.34	33.00	23.02	23.21	23.15	23.81
GPRS 1-Slot	32.19	32.37	32.33	33.00	23.00	23.18	23.14	23.81
GPRS 2-Slots	30.04	30.17	30.16	31.50	23.91	24.04	24.03	25.37
GPRS 3-Slots	27.83	28.01	27.97	29.20	23.41	23.59	23.55	24.78
GPRS 4-Slots	27.19	27.16	27.21	28.50	24.01	23.98	24.03	25.32
EGPRS 1-Slot	26.33	26.14	26.33	28.00	17.14	16.95	17.14	18.81
EGPRS 2-Slots	23.90	24.01	24.12	25.50	17.77	17.88	17.99	19.37
EGPRS 3-Slots	22.10	21.77	21.83	23.20	17.68	17.35	17.41	18.78
EGPRS 4-Slots	20.98	20.97	20.99	22.50	17.80	17.79	17.81	19.32
GSM 1900-Level5&6-Ant.3								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	26.45	26.48	26.44	27.20	17.26	17.29	17.25	18.01
GPRS 1-Slot	26.45	26.47	26.41	27.20	17.26	17.28	17.22	18.01
GPRS 2-Slots	24.36	24.33	24.30	25.20	18.23	18.20	18.17	19.07
GPRS 3-Slots	23.21	23.19	23.17	23.40	18.79	18.77	18.75	18.98
GPRS 4-Slots	22.05	22.08	22.04	22.70	18.87	18.90	18.86	19.52
EGPRS 1-Slot	22.79	22.53	22.05	23.70	13.60	13.34	12.86	14.51
EGPRS 2-Slots	21.26	21.08	21.08	22.20	15.13	14.95	14.95	16.07
EGPRS 3-Slots	19.00	18.83	18.55	19.90	14.58	14.41	14.13	15.48
EGPRS 4-Slots	17.65	17.54	17.83	19.20	14.47	14.36	14.65	16.02

GSM 850-Level1-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level1-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	29.76	29.83	29.45	30.50	20.57	20.64	20.26	21.31
GPRS 1-Slot	29.81	29.88	29.50	30.50	20.62	20.69	20.31	21.31
GPRS 2-Slots	27.50	27.58	27.24	28.50	21.37	21.45	21.11	22.37
GPRS 3-Slots	25.63	25.70	25.38	26.70	21.21	21.28	20.96	22.28
GPRS 4-Slots	25.03	25.09	24.77	26.00	21.85	21.91	21.59	22.82
EGPRS 1-Slot	25.75	25.88	25.42	27.00	16.56	16.69	16.23	17.81
EGPRS 2-Slots	23.83	23.96	23.51	25.50	17.70	17.83	17.38	19.37
EGPRS 3-Slots	21.64	21.68	21.23	23.20	17.22	17.26	16.81	18.78
EGPRS 4-Slots	21.07	20.78	20.53	22.50	17.89	17.60	17.35	19.32

GSM 850-Level2&3-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level2&3-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	29.76	29.83	29.45	30.50	20.57	20.64	20.26	21.31
GPRS 1-Slot	29.81	29.88	29.50	30.50	20.62	20.69	20.31	21.31
GPRS 2-Slots	27.50	27.58	27.24	28.50	21.37	21.45	21.11	22.37
GPRS 3-Slots	25.63	25.70	25.38	26.70	21.21	21.28	20.96	22.28
GPRS 4-Slots	25.03	25.09	24.77	26.00	21.85	21.91	21.59	22.82
EGPRS 1-Slot	25.75	25.88	25.42	27.00	16.56	16.69	16.23	17.81
EGPRS 2-Slots	23.83	23.96	23.51	25.50	17.70	17.83	17.38	19.37
EGPRS 3-Slots	21.64	21.68	21.23	23.20	17.22	17.26	16.81	18.78
EGPRS 4-Slots	21.07	20.78	20.53	22.50	17.89	17.60	17.35	19.32

GSM 850-Level4(sensor off)-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level4 (sensor off)-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.76	29.83	29.45	30.50	20.57	20.64	20.26	21.31
GPRS 1-Slot	29.81	29.88	29.50	30.50	20.62	20.69	20.31	21.31
GPRS 2-Slots	27.50	27.58	27.24	28.50	21.37	21.45	21.11	22.37
GPRS 3-Slots	25.63	25.70	25.38	26.70	21.21	21.28	20.96	22.28
GPRS 4-Slots	25.03	25.09	24.77	26.00	21.85	21.91	21.59	22.82
EGPRS 1-Slot	25.75	25.88	25.42	27.00	16.56	16.69	16.23	17.81
EGPRS 2-Slots	23.83	23.96	23.51	25.50	17.70	17.83	17.38	19.37
EGPRS 3-Slots	21.64	21.68	21.23	23.20	17.22	17.26	16.81	18.78
EGPRS 4-Slots	21.07	20.78	20.53	22.50	17.89	17.60	17.35	19.32

GSM 850-Level4 (sensor on 2)-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251		128	190	251	
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level4 (sensor on 2)-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	512	661	810		512	661	810	
GSM (GMSK, 1-Slot)	29.76	29.83	29.45	30.50	20.57	20.64	20.26	21.31
GPRS 1-Slot	29.81	29.88	29.50	30.50	20.62	20.69	20.31	21.31
GPRS 2-Slots	27.50	27.58	27.24	28.50	21.37	21.45	21.11	22.37
GPRS 3-Slots	25.63	25.70	25.38	26.70	21.21	21.28	20.96	22.28
GPRS 4-Slots	25.03	25.09	24.77	26.00	21.85	21.91	21.59	22.82
EGPRS 1-Slot	25.75	25.88	25.42	27.00	16.56	16.69	16.23	17.81
EGPRS 2-Slots	23.83	23.96	23.51	25.50	17.70	17.83	17.38	19.37
EGPRS 3-Slots	21.64	21.68	21.23	23.20	17.22	17.26	16.81	18.78
EGPRS 4-Slots	21.07	20.78	20.53	22.50	17.89	17.60	17.35	19.32

GSM 850-Level5&6(sensor off)-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level5&6(sensor off)-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	29.76	29.83	29.45	30.50	20.57	20.64	20.26	21.31
GPRS 1-Slot	29.81	29.88	29.50	30.50	20.62	20.69	20.31	21.31
GPRS 2-Slots	27.50	27.58	27.24	28.50	21.37	21.45	21.11	22.37
GPRS 3-Slots	25.63	25.70	25.38	26.70	21.21	21.28	20.96	22.28
GPRS 4-Slots	25.03	25.09	24.77	26.00	21.85	21.91	21.59	22.82
EGPRS 1-Slot	25.75	25.88	25.42	27.00	16.56	16.69	16.23	17.81
EGPRS 2-Slots	23.83	23.96	23.51	25.50	17.70	17.83	17.38	19.37
EGPRS 3-Slots	21.64	21.68	21.23	23.20	17.22	17.26	16.81	18.78
EGPRS 4-Slots	21.07	20.78	20.53	22.50	17.89	17.60	17.35	19.32

GSM 850-Level5&6 (sensor on 2)-Ant.1								
GSM850 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	128	190		251	128	190		251
GSM (GMSK, 1-Slot)	32.42	32.61	32.57	33.50	23.23	23.42	23.38	24.31
GPRS 1-Slot	32.42	32.50	32.44	33.50	23.23	23.31	23.25	24.31
GPRS 2-Slots	30.37	30.48	30.45	32.00	24.24	24.35	24.32	25.87
GPRS 3-Slots	28.06	28.21	28.03	29.70	23.64	23.79	23.61	25.28
GPRS 4-Slots	27.47	27.51	27.41	29.00	24.29	24.33	24.23	25.82
EGPRS 1-Slot	26.61	26.64	26.67	28.50	17.42	17.45	17.48	19.31
EGPRS 2-Slots	24.13	24.15	24.27	26.00	18.00	18.02	18.14	19.87
EGPRS 3-Slots	22.01	22.04	21.98	23.70	17.59	17.62	17.56	19.28
EGPRS 4-Slots	21.21	21.15	21.16	23.00	18.03	17.97	17.98	19.82
GSM 1900-Level5&6 (sensor on 2)-Ant.4								
GSM1900 Band	Burst Average Power (dBm)			Tune-up Power (dBm)	Frame-Averaged power (dBm)			Tune-up Power (dBm)
	Channel	512	661		810	512	661		810
GSM (GMSK, 1-Slot)	29.06	29.19	28.87	29.50	19.87	20.00	19.68	20.31
GPRS 1-Slot	28.97	28.99	28.64	29.50	19.78	19.80	19.45	20.31
GPRS 2-Slots	26.94	26.92	26.45	27.50	20.81	20.79	20.32	21.37
GPRS 3-Slots	25.59	25.60	25.13	25.70	21.17	21.18	20.71	21.28
GPRS 4-Slots	24.52	24.46	24.07	25.00	21.34	21.28	20.89	21.82
EGPRS 1-Slot	24.92	25.09	24.48	26.00	15.73	15.90	15.29	16.81
EGPRS 2-Slots	23.40	23.50	23.04	24.50	17.27	17.37	16.91	18.37
EGPRS 3-Slots	21.49	21.17	20.82	22.20	17.07	16.75	16.40	17.78
EGPRS 4-Slots	19.60	19.72	19.53	21.50	16.42	16.54	16.35	18.32

8.2 WCDMA Output Power

WCDMA B2-Level1-Ant.3				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	16.32	16.41	16.44	17.70
RMC 12.2Kbps	16.44	16.54	16.57	17.70
HSDPA Subtest-1	16.11	16.04	16.26	16.70
HSDPA Subtest-2	16.19	16.09	16.18	16.70
HSDPA Subtest-3	15.76	15.54	15.87	16.20
HSDPA Subtest-4	15.79	15.61	15.82	16.20
DC-HSDPA Subtest-1	16.01	15.93	16.18	16.70
DC-HSDPA Subtest-2	16.02	15.89	15.99	16.70
DC-HSDPA Subtest-3	15.64	15.35	15.67	16.20
DC-HSDPA Subtest-4	15.68	15.45	15.77	16.20
HSUPA Subtest-1	14.79	14.59	14.93	15.20
HSUPA Subtest-2	13.42	13.15	13.48	13.70
HSUPA Subtest-3	14.38	14.27	14.59	14.70
HSUPA Subtest-4	13.92	13.97	13.90	14.20
HSUPA Subtest-5	15.14	14.99	15.23	15.70
HSPA+	13.68	13.81	13.69	14.20
WCDMA B4-Level1-Ant.3				
Band	Band 4			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	16.82	16.81	16.79	17.70
RMC 12.2Kbps	16.91	16.98	16.94	17.70
HSDPA Subtest-1	16.60	16.45	16.41	16.70
HSDPA Subtest-2	16.49	16.50	16.35	16.70
HSDPA Subtest-3	15.99	16.17	16.09	16.20
HSDPA Subtest-4	15.82	15.94	16.05	16.20
DC-HSDPA Subtest-1	16.41	16.20	16.36	16.70
DC-HSDPA Subtest-2	16.37	16.42	16.14	16.70
DC-HSDPA Subtest-3	15.86	15.94	15.93	16.20
DC-HSDPA Subtest-4	15.63	15.89	15.87	16.20
HSUPA Subtest-1	15.68	15.66	15.53	15.70
HSUPA Subtest-2	14.07	14.14	14.11	14.20
HSUPA Subtest-3	15.17	15.10	15.05	15.20
HSUPA Subtest-4	14.66	14.64	14.52	14.70
HSUPA Subtest-5	16.58	16.61	16.50	16.70
HSPA+	14.45	14.40	14.44	14.70
WCDMA B5-Level1-Ant.0				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	22.25	22.17	22.11	23.50
RMC 12.2Kbps	22.40	22.30	22.27	23.50
HSDPA Subtest-1	21.91	21.90	21.87	22.50
HSDPA Subtest-2	21.84	21.75	21.87	22.50
HSDPA Subtest-3	21.36	21.26	21.37	22.00
HSDPA Subtest-4	21.23	21.05	21.32	22.00
DC-HSDPA Subtest-1	21.66	21.82	21.77	22.50
DC-HSDPA Subtest-2	21.79	21.57	21.70	22.50
DC-HSDPA Subtest-3	21.29	21.07	21.31	22.00
DC-HSDPA Subtest-4	20.99	20.95	21.22	22.00
HSUPA Subtest-1	20.39	20.19	20.34	21.00
HSUPA Subtest-2	18.86	18.67	18.79	19.50
HSUPA Subtest-3	19.84	19.64	19.87	20.50
HSUPA Subtest-4	18.86	18.61	18.87	19.50
HSUPA Subtest-5	20.84	20.79	20.94	21.50
HSPA+	18.63	18.42	18.69	19.50

WCDMA B2-Level2&3-Ant.3				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	11.81	11.85	11.81	13.20
RMC 12.2Kbps	11.99	12.00	12.00	13.20
HSDPA Subtest-1	11.44	11.52	11.47	12.20
HSDPA Subtest-2	11.46	11.47	11.51	12.20
HSDPA Subtest-3	11.00	11.02	11.00	11.70
HSDPA Subtest-4	10.94	10.95	10.95	11.70
DC-HSDPA Subtest-1	11.22	11.38	11.32	12.20
DC-HSDPA Subtest-2	11.39	11.30	11.30	12.20
DC-HSDPA Subtest-3	10.79	10.92	10.90	11.70
DC-HSDPA Subtest-4	10.85	10.74	10.72	11.70
HSUPA Subtest-1	9.41	9.47	9.54	10.70
HSUPA Subtest-2	8.90	8.96	9.03	9.20
HSUPA Subtest-3	9.45	9.50	9.50	10.20
HSUPA Subtest-4	8.40	8.48	8.53	9.70
HSUPA Subtest-5	10.93	10.96	11.01	11.20
HSPA+	8.23	8.28	8.37	9.70
WCDMA B4-Level2&3-Ant.3				
Band	Band 4			Tune-up Limit Power (dBm)
Channel	1312	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	14.92	14.82	14.90	15.70
RMC 12.2Kbps	15.06	14.95	15.03	15.70
HSDPA Subtest-1	14.65	14.53	14.70	14.70
HSDPA Subtest-2	14.64	14.53	14.60	14.70
HSDPA Subtest-3	14.18	14.07	14.29	14.20
HSDPA Subtest-4	14.19	14.20	14.22	14.20
DC-HSDPA Subtest-1	14.47	14.32	14.48	14.70
DC-HSDPA Subtest-2	14.59	14.46	14.41	14.70
DC-HSDPA Subtest-3	14.02	13.99	14.17	14.20
DC-HSDPA Subtest-4	14.08	14.11	14.02	14.20
HSUPA Subtest-1	13.57	13.46	13.52	13.70
HSUPA Subtest-2	11.98	11.94	12.00	12.20
HSUPA Subtest-3	13.09	12.94	12.98	13.20
HSUPA Subtest-4	12.09	12.06	12.04	12.20
HSUPA Subtest-5	13.72	13.59	13.76	13.70
HSPA+	11.93	11.85	11.91	12.20
WCDMA B5-Level2&3-Ant.0				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	17.18	17.25	17.33	18.00
RMC 12.2Kbps	17.36	17.37	17.45	18.00
HSDPA Subtest-1	16.91	17.01	17.01	17.00
HSDPA Subtest-2	16.88	16.89	16.96	17.00
HSDPA Subtest-3	16.44	16.41	16.45	16.50
HSDPA Subtest-4	16.44	16.35	16.49	16.50
DC-HSDPA Subtest-1	16.71	16.95	16.92	17.00
DC-HSDPA Subtest-2	16.66	16.78	16.89	17.00
DC-HSDPA Subtest-3	16.36	16.26	16.46	16.50
DC-HSDPA Subtest-4	16.32	16.20	16.35	16.50
HSUPA Subtest-1	15.56	15.76	15.60	16.00
HSUPA Subtest-2	14.08	14.27	14.15	14.50
HSUPA Subtest-3	15.16	15.38	15.13	15.50
HSUPA Subtest-4	14.34	14.52	14.26	15.00
HSUPA Subtest-5	15.93	15.98	15.96	16.00
HSPA+	14.29	14.34	14.12	15.00

WCDMA B2-Level4-Ant.3				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.14	20.11	20.22	21.70
RMC 12.2Kbps	20.38	20.38	20.41	21.70
HSDPA Subtest-1	19.91	19.91	19.92	20.70
HSDPA Subtest-2	19.87	19.83	19.80	20.70
HSDPA Subtest-3	19.33	19.27	19.36	20.20
HSDPA Subtest-4	19.23	19.33	19.25	20.20
DC-HSDPA Subtest-1	19.67	19.82	19.80	20.70
DC-HSDPA Subtest-2	19.68	19.59	19.56	20.70
DC-HSDPA Subtest-3	19.28	19.17	19.29	20.20
DC-HSDPA Subtest-4	19.12	19.28	19.19	20.20
HSUPA Subtest-1	18.27	18.15	18.43	19.20
HSUPA Subtest-2	16.70	16.68	16.86	17.70
HSUPA Subtest-3	17.78	17.62	18.01	18.70
HSUPA Subtest-4	17.39	17.21	17.63	18.20
HSUPA Subtest-5	18.81	18.81	18.78	19.70
HSPA+	17.28	17.03	17.52	18.20

WCDMA B4-Level4 -Ant.3				
Band	Band 4			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.69	20.71	20.68	21.70
RMC 12.2Kbps	20.83	20.89	20.86	21.70
HSDPA Subtest-1	20.60	20.31	20.21	20.70
HSDPA Subtest-2	20.48	20.41	20.17	20.70
HSDPA Subtest-3	20.15	19.82	19.71	20.20
HSDPA Subtest-4	20.19	19.94	19.55	20.20
DC-HSDPA Subtest-1	20.43	20.19	19.99	20.70
DC-HSDPA Subtest-2	20.24	20.17	19.98	20.70
DC-HSDPA Subtest-3	20.06	19.71	19.56	20.20
DC-HSDPA Subtest-4	19.97	19.72	19.49	20.20
HSUPA Subtest-1	19.37	19.40	19.00	19.70
HSUPA Subtest-2	18.21	17.82	17.70	18.20
HSUPA Subtest-3	19.04	18.84	18.45	19.20
HSUPA Subtest-4	18.52	18.36	18.16	18.70
HSUPA Subtest-5	20.38	20.41	20.21	20.70
HSPA+	18.35	18.14	17.97	18.70

WCDMA B5-Level4 -Ant.0				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.11	23.14	23.10	24.50
RMC 12.2Kbps	23.40	23.29	23.29	24.50
HSDPA Subtest-1	22.89	22.64	22.61	23.50
HSDPA Subtest-2	22.94	22.73	22.52	23.50
HSDPA Subtest-3	22.18	21.94	22.00	23.00
HSDPA Subtest-4	22.39	22.05	21.82	23.00
DC-HSDPA Subtest-1	22.77	22.52	22.50	23.50
DC-HSDPA Subtest-2	22.69	22.65	22.30	23.50
DC-HSDPA Subtest-3	21.96	21.73	21.75	23.00
DC-HSDPA Subtest-4	22.34	21.87	21.64	23.00
HSUPA Subtest-1	21.17	20.83	20.95	22.00
HSUPA Subtest-2	19.68	19.35	19.36	20.50
HSUPA Subtest-3	20.56	20.21	20.30	21.50
HSUPA Subtest-4	19.58	19.35	19.37	20.50
HSUPA Subtest-5	21.78	21.75	21.66	22.50
HSPA+	19.47	19.27	19.17	20.50

WCDMA B2-Level5&6-Ant.3				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400.00	9538.00	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	18.44	18.32	18.38	19.70
RMC 12.2Kbps	18.52	18.56	18.56	19.70
HSDPA Subtest-1	18.02	18.00	18.11	18.70
HSDPA Subtest-2	18.07	17.91	18.09	18.70
HSDPA Subtest-3	17.57	17.57	17.58	18.20
HSDPA Subtest-4	17.56	17.52	17.57	18.20
DC-HSDPA Subtest-1	17.82	17.85	17.86	18.70
DC-HSDPA Subtest-2	17.85	17.69	18.01	18.70
DC-HSDPA Subtest-3	17.33	17.46	17.39	18.20
DC-HSDPA Subtest-4	17.37	17.31	17.46	18.20
HSUPA Subtest-1	16.58	16.56	16.52	17.20
HSUPA Subtest-2	15.08	15.08	14.99	15.70
HSUPA Subtest-3	16.13	16.13	16.04	16.70
HSUPA Subtest-4	15.65	15.74	15.75	16.20
HSUPA Subtest-5	17.02	17.05	17.15	17.70
HSPA+	15.47	15.55	15.65	16.20

WCDMA B4-Level5&6-Ant.3				
Band	Band 4			Tune-up Limit Power (dBm)
Channel	1312	1412.00	1513.00	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.32	20.29	20.14	21.20
RMC 12.2Kbps	20.41	20.45	20.30	21.20
HSDPA Subtest-1	20.11	19.86	19.81	20.20
HSDPA Subtest-2	19.91	19.78	19.95	20.20
HSDPA Subtest-3	19.69	19.27	19.26	19.70
HSDPA Subtest-4	19.37	19.39	19.53	19.70
DC-HSDPA Subtest-1	19.88	19.61	19.57	20.20
DC-HSDPA Subtest-2	19.71	19.66	19.90	20.20
DC-HSDPA Subtest-3	19.64	19.19	19.21	19.70
DC-HSDPA Subtest-4	19.13	19.25	19.33	19.70
HSUPA Subtest-1	19.15	18.85	18.80	19.20
HSUPA Subtest-2	17.33	17.32	17.23	17.70
HSUPA Subtest-3	18.64	18.40	18.24	18.70
HSUPA Subtest-4	18.03	17.88	17.73	18.20
HSUPA Subtest-5	20.09	19.94	19.85	20.20
HSPA+	17.79	17.80	17.65	18.20

WCDMA B5-Level5&6-Ant.0				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182.00	4233.00	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.11	23.14	23.10	24.50
RMC 12.2Kbps	23.40	23.29	23.29	24.50
HSDPA Subtest-1	22.89	22.64	22.61	23.50
HSDPA Subtest-2	22.94	22.73	22.52	23.50
HSDPA Subtest-3	22.18	21.94	22.00	23.00
HSDPA Subtest-4	22.39	22.05	21.82	23.00
DC-HSDPA Subtest-1	22.77	22.52	22.50	23.50
DC-HSDPA Subtest-2	22.69	22.65	22.30	23.50
DC-HSDPA Subtest-3	21.96	21.73	21.75	23.00
DC-HSDPA Subtest-4	22.34	21.87	21.64	23.00
HSUPA Subtest-1	21.17	20.83	20.95	22.00
HSUPA Subtest-2	19.68	19.35	19.36	20.50
HSUPA Subtest-3	20.56	20.21	20.30	21.50
HSUPA Subtest-4	19.58	19.35	19.37	20.50
HSUPA Subtest-5	21.78	21.75	21.66	22.50
HSPA+	19.47	19.27	19.17	20.50

WCDMA B2-Level1-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	22.81	22.71	22.86	24.50
RMC 12.2Kbps	23.08	22.98	23.06	24.50
HSDPA Subtest-1	22.58	22.34	22.46	23.50
HSDPA Subtest-2	22.60	22.43	22.37	23.50
HSDPA Subtest-3	21.95	21.76	21.92	23.00
HSDPA Subtest-4	22.08	21.80	21.70	23.00
DC-HSDPA Subtest-1	22.42	22.19	22.40	23.50
DC-HSDPA Subtest-2	22.41	22.33	22.25	23.50
DC-HSDPA Subtest-3	21.81	21.67	21.86	23.00
DC-HSDPA Subtest-4	21.99	21.56	21.48	23.00
HSUPA Subtest-1	21.29	21.06	21.31	22.50
HSUPA Subtest-2	20.05	19.60	19.68	21.00
HSUPA Subtest-3	20.72	20.45	20.78	22.00
HSUPA Subtest-4	20.20	19.92	20.30	21.50
HSUPA Subtest-5	22.49	22.32	22.44	23.50
HSPA+	20.01	19.84	20.19	21.50

WCDMA B4-Level1-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.12	23.25	23.22	24.50
RMC 12.2Kbps	23.37	23.43	23.43	24.50
HSDPA Subtest-1	22.69	22.73	22.89	23.50
HSDPA Subtest-2	22.64	22.59	22.96	23.50
HSDPA Subtest-3	22.05	22.18	22.20	23.00
HSDPA Subtest-4	22.07	21.91	22.25	23.00
DC-HSDPA Subtest-1	22.47	22.48	22.82	23.50
DC-HSDPA Subtest-2	22.42	22.48	22.74	23.50
DC-HSDPA Subtest-3	21.89	21.98	22.15	23.00
DC-HSDPA Subtest-4	22.02	21.69	22.10	23.00
HSUPA Subtest-1	21.56	21.54	21.69	22.50
HSUPA Subtest-2	20.08	19.91	20.10	21.00
HSUPA Subtest-3	20.89	20.89	21.08	22.00
HSUPA Subtest-4	20.39	20.31	20.53	21.50
HSUPA Subtest-5	22.69	22.80	22.82	23.50
HSPA+	20.19	20.06	20.29	21.50

WCDMA B5-Level1-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

WCDMA B2-Level2&3-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	22.81	22.71	22.86	24.50
RMC 12.2Kbps	23.08	22.98	23.06	24.50
HSDPA Subtest-1	22.58	22.34	22.46	23.50
HSDPA Subtest-2	22.60	22.43	22.37	23.50
HSDPA Subtest-3	21.95	21.76	21.92	23.00
HSDPA Subtest-4	22.08	21.80	21.70	23.00
DC-HSDPA Subtest-1	22.42	22.19	22.40	23.50
DC-HSDPA Subtest-2	22.41	22.33	22.25	23.50
DC-HSDPA Subtest-3	21.81	21.67	21.86	23.00
DC-HSDPA Subtest-4	21.99	21.56	21.48	23.00
HSUPA Subtest-1	21.29	21.06	21.31	22.50
HSUPA Subtest-2	20.05	19.60	19.68	21.00
HSUPA Subtest-3	20.72	20.45	20.78	22.00
HSUPA Subtest-4	20.20	19.92	20.30	21.50
HSUPA Subtest-5	22.49	22.32	22.44	23.50
HSPA+	20.01	19.84	20.19	21.50

WCDMA B4-Level2&3-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.12	23.25	23.22	24.50
RMC 12.2Kbps	23.37	23.43	23.43	24.50
HSDPA Subtest-1	22.69	22.73	22.89	23.50
HSDPA Subtest-2	22.64	22.59	22.96	23.50
HSDPA Subtest-3	22.05	22.18	22.20	23.00
HSDPA Subtest-4	22.07	21.91	22.25	23.00
DC-HSDPA Subtest-1	22.47	22.48	22.82	23.50
DC-HSDPA Subtest-2	22.42	22.48	22.74	23.50
DC-HSDPA Subtest-3	21.89	21.98	22.15	23.00
DC-HSDPA Subtest-4	22.02	21.69	22.10	23.00
HSUPA Subtest-1	21.56	21.54	21.69	22.50
HSUPA Subtest-2	20.08	19.91	20.10	21.00
HSUPA Subtest-3	20.89	20.89	21.08	22.00
HSUPA Subtest-4	20.39	20.31	20.53	21.50
HSUPA Subtest-5	22.69	22.80	22.82	23.50
HSPA+	20.19	20.06	20.29	21.50

WCDMA B5-Level2&3-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

WCDMA B2-Level4 (sensor off)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	22.81	22.71	22.86	24.50
RMC 12.2Kbps	23.08	22.98	23.06	24.50
HSDPA Subtest-1	22.58	22.34	22.46	23.50
HSDPA Subtest-2	22.60	22.43	22.37	23.50
HSDPA Subtest-3	21.95	21.76	21.92	23.00
HSDPA Subtest-4	22.08	21.80	21.70	23.00
DC-HSDPA Subtest-1	22.42	22.19	22.40	23.50
DC-HSDPA Subtest-2	22.41	22.33	22.25	23.50
DC-HSDPA Subtest-3	21.81	21.67	21.86	23.00
DC-HSDPA Subtest-4	21.99	21.56	21.48	23.00
HSUPA Subtest-1	21.29	21.06	21.31	22.50
HSUPA Subtest-2	20.05	19.60	19.68	21.00
HSUPA Subtest-3	20.72	20.45	20.78	22.00
HSUPA Subtest-4	20.20	19.92	20.30	21.50
HSUPA Subtest-5	22.49	22.32	22.44	23.50
HSPA+	20.01	19.84	20.19	22.00

WCDMA B4-Level4 (sensor off)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.12	23.25	23.22	24.50
RMC 12.2Kbps	23.37	23.43	23.43	24.50
HSDPA Subtest-1	22.69	22.73	22.89	23.50
HSDPA Subtest-2	22.64	22.59	22.96	23.50
HSDPA Subtest-3	22.05	22.18	22.20	23.00
HSDPA Subtest-4	22.07	21.91	22.25	23.00
DC-HSDPA Subtest-1	22.47	22.48	22.82	23.50
DC-HSDPA Subtest-2	22.42	22.48	22.74	23.50
DC-HSDPA Subtest-3	21.89	21.98	22.15	23.00
DC-HSDPA Subtest-4	22.02	21.69	22.10	23.00
HSUPA Subtest-1	21.56	21.54	21.69	22.50
HSUPA Subtest-2	20.08	19.91	20.10	21.00
HSUPA Subtest-3	20.89	20.89	21.08	22.00
HSUPA Subtest-4	20.39	20.31	20.53	21.50
HSUPA Subtest-5	22.69	22.80	22.82	23.50
HSPA+	20.19	20.06	20.29	21.50

WCDMA B5-Level4 (sensor off)-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

WCDMA B2-Level4 (sensor on 2)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	21.96	22.07	22.02	23.50
RMC 12.2Kbps	22.11	22.23	22.20	23.50
HSDPA Subtest-1	21.62	21.64	21.80	22.50
HSDPA Subtest-2	21.68	21.66	21.84	22.50
HSDPA Subtest-3	20.97	21.03	21.21	22.00
HSDPA Subtest-4	20.99	21.12	21.18	22.00
DC-HSDPA Subtest-1	21.51	21.41	21.61	22.50
DC-HSDPA Subtest-2	21.56	21.41	21.68	22.50
DC-HSDPA Subtest-3	20.82	20.84	21.02	22.00
DC-HSDPA Subtest-4	20.81	21.04	21.05	22.00
HSUPA Subtest-1	20.47	20.55	20.64	21.50
HSUPA Subtest-2	18.94	19.13	19.00	20.00
HSUPA Subtest-3	19.90	20.10	20.06	21.00
HSUPA Subtest-4	19.44	19.56	19.46	20.50
HSUPA Subtest-5	21.58	21.68	21.84	22.50
HSPA+	19.30	19.32	19.23	20.50

WCDMA B4-Level4 (sensor on 2)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	21.14	21.23	21.18	22.50
RMC 12.2Kbps	21.31	21.40	21.37	22.50
HSDPA Subtest-1	21.02	20.82	20.81	21.50
HSDPA Subtest-2	20.87	20.67	20.79	21.50
HSDPA Subtest-3	20.54	20.28	20.31	21.00
HSDPA Subtest-4	20.29	20.03	20.27	21.00
DC-HSDPA Subtest-1	20.79	20.64	20.65	21.50
DC-HSDPA Subtest-2	20.67	20.55	20.56	21.50
DC-HSDPA Subtest-3	20.31	20.07	20.12	21.00
DC-HSDPA Subtest-4	20.18	19.88	20.16	21.00
HSUPA Subtest-1	19.90	19.73	19.82	20.50
HSUPA Subtest-2	18.24	18.07	18.24	19.00
HSUPA Subtest-3	19.44	19.28	19.32	20.00
HSUPA Subtest-4	18.84	18.70	18.74	19.50
HSUPA Subtest-5	21.08	20.70	20.85	21.50
HSPA+	18.63	18.61	18.52	19.50

WCDMA B5-Level4 (sensor on 2)-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

WCDMA B2-Level5&6(sensor off)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	22.81	22.71	22.86	24.50
RMC 12.2Kbps	23.08	22.98	23.06	24.50
HSDPA Subtest-1	22.58	22.34	22.46	23.50
HSDPA Subtest-2	22.60	22.43	22.37	23.50
HSDPA Subtest-3	21.95	21.76	21.92	23.00
HSDPA Subtest-4	22.08	21.80	21.70	23.00
DC-HSDPA Subtest-1	22.42	22.19	22.40	23.50
DC-HSDPA Subtest-2	22.41	22.33	22.25	23.50
DC-HSDPA Subtest-3	21.81	21.67	21.86	23.00
DC-HSDPA Subtest-4	21.99	21.56	21.48	23.00
HSUPA Subtest-1	21.29	21.06	21.31	22.50
HSUPA Subtest-2	20.05	19.60	19.68	21.00
HSUPA Subtest-3	20.72	20.45	20.78	22.00
HSUPA Subtest-4	20.20	19.92	20.30	21.50
HSUPA Subtest-5	22.49	22.32	22.44	23.50
HSPA+	20.01	19.84	20.19	21.50
WCDMA B4-Level5&6(sensor off)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	23.12	23.25	23.22	24.50
RMC 12.2Kbps	23.37	23.43	23.43	24.50
HSDPA Subtest-1	22.69	22.73	22.89	23.50
HSDPA Subtest-2	22.64	22.59	22.96	23.50
HSDPA Subtest-3	22.05	22.18	22.20	23.00
HSDPA Subtest-4	22.07	21.91	22.25	23.00
DC-HSDPA Subtest-1	22.47	22.48	22.82	23.50
DC-HSDPA Subtest-2	22.42	22.48	22.74	23.50
DC-HSDPA Subtest-3	21.89	21.98	22.15	23.00
DC-HSDPA Subtest-4	22.02	21.69	22.10	23.00
HSUPA Subtest-1	21.56	21.54	21.69	22.50
HSUPA Subtest-2	20.08	19.91	20.10	21.00
HSUPA Subtest-3	20.89	20.89	21.08	22.00
HSUPA Subtest-4	20.39	20.31	20.53	21.50
HSUPA Subtest-5	22.69	22.80	22.82	23.50
HSPA+	20.19	20.06	20.29	21.50
WCDMA B5-Level5&6(sensor off)-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

WCDMA B2-Level5&6 (sensor on 2)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
AMR 12.2Kbps	20.81	20.94	20.84	22.50
RMC 12.2Kbps	20.96	21.07	21.01	22.50
HSDPA Subtest-1	20.39	20.47	20.51	21.50
HSDPA Subtest-2	20.29	20.35	20.39	21.50
HSDPA Subtest-3	19.84	19.84	19.92	21.00
HSDPA Subtest-4	19.68	19.72	19.88	21.00
DC-HSDPA Subtest-1	20.30	20.28	20.29	21.50
DC-HSDPA Subtest-2	20.10	20.27	20.28	21.50
DC-HSDPA Subtest-3	19.59	19.74	19.82	21.00
DC-HSDPA Subtest-4	19.49	19.58	19.72	21.00
HSUPA Subtest-1	19.32	19.34	19.30	20.50
HSUPA Subtest-2	17.57	17.75	17.88	19.00
HSUPA Subtest-3	18.86	18.91	18.74	20.00
HSUPA Subtest-4	18.28	18.38	18.14	19.50
HSUPA Subtest-5	20.41	20.45	20.55	21.50
HSPA+	18.09	18.25	17.91	19.50
WCDMA B4-Level5&6 (sensor on 2)-Ant.4				
Band	Band 2			Tune-up Limit Power (dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
AMR 12.2Kbps	20.87	20.88	20.95	22.00
RMC 12.2Kbps	21.03	21.09	21.08	22.00
HSDPA Subtest-1	20.53	20.69	20.57	21.00
HSDPA Subtest-2	20.63	20.77	20.57	21.00
HSDPA Subtest-3	19.96	20.11	20.08	20.50
HSDPA Subtest-4	20.09	20.11	19.97	20.50
DC-HSDPA Subtest-1	20.31	20.59	20.34	21.00
DC-HSDPA Subtest-2	20.57	20.52	20.45	21.00
DC-HSDPA Subtest-3	19.79	20.02	19.90	20.50
DC-HSDPA Subtest-4	20.04	19.92	19.72	20.50
HSUPA Subtest-1	19.42	19.55	19.56	20.00
HSUPA Subtest-2	18.01	17.99	17.95	18.50
HSUPA Subtest-3	18.97	19.02	19.01	19.50
HSUPA Subtest-4	18.38	18.41	18.59	19.00
HSUPA Subtest-5	20.61	20.69	20.43	21.00
HSPA+	18.31	18.34	18.44	19.00
WCDMA B5-Level5&6 (sensor on 2)-Ant.1				
Band	Band 5			Tune-up Limit Power (dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
AMR 12.2Kbps	23.81	23.77	23.71	25.00
RMC 12.2Kbps	24.01	23.86	23.85	25.00
HSDPA Subtest-1	23.51	23.41	23.25	24.00
HSDPA Subtest-2	23.60	23.34	23.20	24.00
HSDPA Subtest-3	22.97	22.73	22.74	23.50
HSDPA Subtest-4	23.03	22.73	22.62	23.50
DC-HSDPA Subtest-1	23.40	23.34	23.10	24.00
DC-HSDPA Subtest-2	23.35	23.24	23.06	24.00
DC-HSDPA Subtest-3	22.72	22.52	22.50	23.50
DC-HSDPA Subtest-4	22.97	22.59	22.52	23.50
HSUPA Subtest-1	21.85	21.73	21.60	22.50
HSUPA Subtest-2	20.19	20.10	20.02	21.00
HSUPA Subtest-3	21.19	21.03	21.04	22.00
HSUPA Subtest-4	20.32	20.08	20.16	21.00
HSUPA Subtest-5	22.39	22.25	22.16	23.00
HSPA+	20.08	19.90	20.06	21.00

8.3 LTE Output Power

8.3.1 LTE Band2 Output Power

LTE B2-Level1-Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	16.98	17.03	17.27	18.20	
		MID	QPSK	17.12	16.94	16.93	18.20	
		HIGH	QPSK	17.11	16.92	17.02	18.20	
	3	LOW	QPSK	16.85	17.06	17.08	18.20	
		MID	QPSK	17.18	17.06	16.76	18.20	
		HIGH	QPSK	17.11	16.99	16.70	18.20	
	6	LOW	QPSK	17.08	16.70	16.87	18.20	
	1.4	1	LOW	Q16	16.78	16.94	17.11	18.20
			MID	Q16	16.93	16.80	16.81	18.20
HIGH			Q16	17.14	16.87	16.92	18.20	
3		LOW	Q16	16.92	17.13	16.98	18.20	
		MID	Q16	17.15	16.89	16.69	18.20	
		HIGH	Q16	17.01	16.91	16.73	18.20	
6		LOW	Q16	16.88	16.57	16.89	18.20	
1.4		1	LOW	64QAM	16.81	17.01	17.29	18.20
			MID	64QAM	17.14	16.94	16.88	18.20
	HIGH		64QAM	17.16	16.94	16.92	18.20	
	3	LOW	64QAM	16.93	17.01	17.06	18.20	
		MID	64QAM	17.08	17.09	16.83	18.20	
		HIGH	64QAM	16.97	16.85	16.65	18.20	
	6	LOW	64QAM	17.13	16.72	16.94	18.20	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	17.00	17.01	17.25	18.20
MID			QPSK	17.12	16.94	16.91	18.20	
HIGH			QPSK	17.16	16.95	17.07	18.20	
8		LOW	QPSK	16.92	17.09	17.13	18.20	
		MID	QPSK	17.21	17.03	16.83	18.20	
		HIGH	QPSK	17.21	17.09	16.77	18.20	
15		LOW	QPSK	17.17	16.70	16.92	18.20	
3		1	LOW	Q16	16.95	17.10	17.11	18.20
			MID	Q16	17.02	16.87	16.83	18.20
	HIGH		Q16	17.13	16.78	17.09	18.20	
	8	LOW	Q16	16.87	17.12	16.92	18.20	
		MID	Q16	17.30	17.06	16.91	18.20	
		HIGH	Q16	17.07	16.99	16.67	18.20	
	15	LOW	Q16	17.02	16.65	16.77	18.20	
	3	1	LOW	64QAM	16.86	16.86	17.34	18.20
			MID	64QAM	17.14	16.82	16.86	18.20
HIGH			64QAM	17.07	17.03	17.07	18.20	
8		LOW	64QAM	16.85	17.09	16.96	18.20	
		MID	64QAM	17.09	16.91	16.83	18.20	
		HIGH	64QAM	17.06	17.02	16.72	18.20	
15		LOW	64QAM	17.07	16.50	16.95	18.20	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	17.05	16.98	17.28	18.20
	MID		QPSK	17.09	16.92	17.01	18.20	
	HIGH		QPSK	17.16	16.98	17.10	18.20	
	12	LOW	QPSK	16.99	17.14	17.18	18.20	
		MID	QPSK	17.18	17.01	16.90	18.20	
		HIGH	QPSK	17.18	17.07	16.85	18.20	
	25	LOW	QPSK	17.24	16.80	16.99	18.20	
	5	1	LOW	Q16	16.88	16.91	17.18	18.20
			MID	Q16	17.02	16.78	17.04	18.20
HIGH			Q16	17.21	17.05	17.13	18.20	
12		LOW	Q16	16.82	17.23	17.27	18.20	
		MID	Q16	17.21	16.92	16.92	18.20	
		HIGH	Q16	17.18	17.02	16.70	18.20	
25		LOW	Q16	17.07	16.75	16.96	18.20	
5		1	LOW	64QAM	16.86	16.95	17.21	18.20
			MID	64QAM	17.16	16.85	17.08	18.20
	HIGH		64QAM	17.23	16.86	17.00	18.20	
	12	LOW	64QAM	16.89	17.14	17.04	18.20	
		MID	64QAM	17.13	16.94	16.93	18.20	
		HIGH	64QAM	17.21	16.97	16.78	18.20	
	25	LOW	64QAM	17.07	16.88	16.89	18.20	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	16.97	17.03	17.12	18.20	
		MID	QPSK	17.08	17.21	17.10	18.20	
		HIGH	QPSK	16.97	17.02	16.87	18.20	
	25	LOW	QPSK	17.07	17.35	17.10	18.20	
		MID	QPSK	17.19	17.20	17.11	18.20	
		HIGH	QPSK	16.91	17.17	17.05	18.20	
	50	LOW	QPSK	16.88	16.97	17.23	18.20	
	10	1	LOW	Q16	16.95	17.06	17.10	18.20
			MID	Q16	16.93	17.26	17.17	18.20
HIGH			Q16	16.99	17.11	16.85	18.20	
25		LOW	Q16	16.90	17.37	17.19	18.20	
		MID	Q16	17.26	17.01	17.04	18.20	
		HIGH	Q16	16.93	17.08	16.85	18.20	
50		LOW	Q16	16.73	16.82	17.02	18.20	
10		1	LOW	64QAM	16.83	16.89	16.91	18.20
			MID	64QAM	16.93	17.26	17.13	18.20
	HIGH		64QAM	16.77	16.88	16.67	18.20	
	25	LOW	64QAM	17.09	17.44	16.98	18.20	
		MID	64QAM	17.28	17.29	16.99	18.20	
		HIGH	64QAM	16.89	17.10	17.00	18.20	
	50	LOW	64QAM	16.86	17.02	17.20	18.20	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	17.02	16.91	17.12	18.20
MID			QPSK	16.96	17.12	17.15	18.20	
HIGH			QPSK	16.95	17.09	16.89	18.20	
36		LOW	QPSK	17.04	17.26	17.20	18.20	
		MID	QPSK	17.10	17.27	17.11	18.20	
		HIGH	QPSK	16.99	17.17	17.15	18.20	
75		LOW	QPSK	16.96	16.97	17.14	18.20	
15		1	LOW	Q16	16.99	16.84	17.12	18.20
			MID	Q16	16.94	17.12	17.20	18.20
	HIGH		Q16	16.87	16.88	16.70	18.20	
	36	LOW	Q16	16.84	17.23	17.20	18.20	
		MID	Q16	17.07	17.27	17.11	18.20	
		HIGH	Q16	17.07	16.96	17.01	18.20	
	75	LOW	Q16	16.99	17.05	17.19	18.20	
	15	1	LOW	64QAM	16.88	16.94	17.00	18.20
			MID	64QAM	16.98	17.19	17.08	18.20
HIGH			64QAM	16.75	17.14	16.75	18.20	
36		LOW	64QAM	16.94	17.35	17.10	18.20	
		MID	64QAM	17.07	17.11	17.20	18.20	
		HIGH	64QAM	17.01	17.19	17.20	18.20	
75		LOW	64QAM	17.04	16.77	17.12	18.20	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	17.02	17.08	17.07	18.20
	MID		QPSK	17.17	17.21	17.17	18.20	
	HIGH		QPSK	17.09	17.14	17.06	18.20	
	50	LOW	QPSK	17.18	17.21	17.17	18.20	
		MID	QPSK	17.26	17.25	17.16	18.20	
		HIGH	QPSK	17.20	17.17	17.10	18.20	
	100	LOW	QPSK	17.15	17.18	17.16	18.20	
	20	1	LOW	Q16	17.31	17.25	17.22	18.20
			MID	Q16	17.45	17.40	17.37	18.20
HIGH			Q16	17.34	17.31	17.23	18.20	
50		LOW	Q16	17.22	17.21	17.18	18.20	
		MID	Q16	17.26	17.25	17.13	18.20	
		HIGH	Q16	17.22	17.18	17.10	18.20	
100		LOW	Q16	17.17	17.21	17.15	18.20	
20		1	LOW	64QAM	17.36	17.27	17.22	18.20
			MID	64QAM	17.40	17.43	17.40	18.20
	HIGH		64QAM	17.37	17.26	17.21	18.20	
	50	LOW	64QAM	17.22	17.18	17.23	18.20	
		MID	64QAM	17.24	17.30	17.18	18.20	
		HIGH	64QAM	17.19	17.20	17.12	18.20	
	100	LOW	64QAM	17.22	17.18	17.13	18.20	

LTE B2-Level2&3-Ant.3								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	12.89	12.93	12.83	13.70	
		MID	QPSK	12.89	12.92	12.85	13.70	
		HIGH	QPSK	12.90	12.94	12.82	13.70	
	3	LOW	QPSK	12.94	12.95	12.90	13.70	
		MID	QPSK	12.95	12.93	12.92	13.70	
		HIGH	QPSK	12.94	12.93	12.88	13.70	
	6	LOW	QPSK	12.95	12.98	12.91	13.70	
	1.4	1	LOW	Q16	13.07	13.34	12.89	13.70
			MID	Q16	13.06	13.31	12.89	13.70
HIGH			Q16	13.07	13.32	12.92	13.70	
3		LOW	Q16	13.01	13.15	13.05	13.70	
		MID	Q16	13.02	13.11	13.05	13.70	
		HIGH	Q16	13.02	13.12	13.05	13.70	
6		LOW	Q16	13.09	12.86	13.06	13.70	
1.4		1	LOW	64QAM	13.04	13.30	12.90	13.70
			MID	64QAM	13.05	13.31	12.85	13.70
	HIGH		64QAM	13.07	13.28	12.93	13.70	
	3	LOW	64QAM	13.02	13.19	13.01	13.70	
		MID	64QAM	12.98	13.14	13.01	13.70	
		HIGH	64QAM	13.02	13.08	13.02	13.70	
	6	LOW	64QAM	13.13	12.85	13.06	13.70	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	12.91	12.94	12.84	13.70
MID			QPSK	12.87	12.95	12.89	13.70	
HIGH			QPSK	12.88	12.93	12.87	13.70	
8		LOW	QPSK	12.91	12.96	12.92	13.70	
		MID	QPSK	12.97	12.91	12.93	13.70	
		HIGH	QPSK	12.92	12.94	12.90	13.70	
15		LOW	QPSK	12.95	12.92	12.93	13.70	
3		1	LOW	Q16	12.86	13.31	12.90	13.70
			MID	Q16	12.84	13.33	12.90	13.70
	HIGH		Q16	12.85	13.35	12.90	13.70	
	8	LOW	Q16	13.05	13.08	12.98	13.70	
		MID	Q16	13.07	13.04	12.97	13.70	
		HIGH	Q16	13.07	13.02	12.96	13.70	
	15	LOW	Q16	12.98	12.97	12.89	13.70	
	3	1	LOW	64QAM	12.86	13.31	12.86	13.70
			MID	64QAM	12.81	13.37	12.93	13.70
HIGH			64QAM	12.89	13.39	12.90	13.70	
8		LOW	64QAM	13.09	13.07	12.98	13.70	
		MID	64QAM	13.03	13.04	13.01	13.70	
		HIGH	64QAM	13.06	13.01	12.92	13.70	
15		LOW	64QAM	12.95	12.96	12.89	13.70	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	13.04	13.01	12.95	13.70
	MID		QPSK	13.10	13.01	12.95	13.70	
	HIGH		QPSK	13.07	13.04	12.91	13.70	
	12	LOW	QPSK	12.95	12.97	12.94	13.70	
		MID	QPSK	12.93	12.96	12.95	13.70	
		HIGH	QPSK	12.97	12.94	12.88	13.70	
	25	LOW	QPSK	12.92	13.00	12.97	13.70	
	5	1	LOW	Q16	13.19	13.22	13.01	13.70
			MID	Q16	13.22	13.25	12.95	13.70
HIGH			Q16	13.21	13.24	12.95	13.70	
12		LOW	Q16	13.04	13.09	12.98	13.70	
		MID	Q16	13.02	13.08	12.99	13.70	
		HIGH	Q16	13.04	13.07	12.92	13.70	
25		LOW	Q16	13.00	13.05	12.90	13.70	
5		1	LOW	64QAM	13.19	13.23	12.97	13.70
			MID	64QAM	13.15	13.21	12.91	13.70
	HIGH		64QAM	13.22	13.19	12.98	13.70	
	12	LOW	64QAM	13.09	13.14	13.01	13.70	
		MID	64QAM	13.07	13.11	13.03	13.70	
		HIGH	64QAM	12.96	13.07	12.95	13.70	
	25	LOW	64QAM	13.00	13.10	12.94	13.70	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	12.92	12.97	12.88	13.70	
		MID	QPSK	12.98	12.97	12.89	13.70	
		HIGH	QPSK	12.96	12.96	12.78	13.70	
	25	LOW	QPSK	12.98	12.97	12.89	13.70	
		MID	QPSK	13.01	13.01	12.84	13.70	
		HIGH	QPSK	12.99	12.97	12.84	13.70	
	50	LOW	QPSK	13.02	13.03	12.89	13.70	
	10	1	LOW	Q16	12.87	13.34	12.95	13.70
			MID	Q16	12.87	13.35	12.93	13.70
HIGH			Q16	12.88	13.34	12.80	13.70	
25		LOW	Q16	13.01	13.06	13.02	13.70	
		MID	Q16	13.02	13.06	12.97	13.70	
		HIGH	Q16	13.04	13.03	12.96	13.70	
50		LOW	Q16	13.01	13.01	12.90	13.70	
10		1	LOW	64QAM	12.93	13.29	12.96	13.70
			MID	64QAM	12.84	13.34	12.99	13.70
	HIGH		64QAM	12.85	13.29	12.85	13.70	
	25	LOW	64QAM	13.06	13.06	13.09	13.70	
		MID	64QAM	13.02	13.01	13.02	13.70	
		HIGH	64QAM	13.05	13.03	12.99	13.70	
	50	LOW	64QAM	13.02	13.02	12.84	13.70	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	12.87	12.92	12.78	13.70
MID			QPSK	12.94	12.95	12.79	13.70	
HIGH			QPSK	12.87	12.92	12.70	13.70	
36		LOW	QPSK	12.93	12.95	12.87	13.70	
		MID	QPSK	12.94	12.95	12.86	13.70	
		HIGH	QPSK	12.97	12.95	12.84	13.70	
75		LOW	QPSK	12.94	12.98	12.86	13.70	
15		1	LOW	Q16	12.81	13.30	13.03	13.70
			MID	Q16	12.87	13.33	13.05	13.70
	HIGH		Q16	12.82	13.33	12.93	13.70	
	36	LOW	Q16	12.96	13.02	12.88	13.70	
		MID	Q16	12.95	13.03	12.87	13.70	
		HIGH	Q16	12.97	13.03	12.85	13.70	
	75	LOW	Q16	12.95	12.97	12.89	13.70	
	15	1	LOW	64QAM	12.82	13.22	12.95	13.70
			MID	64QAM	12.88	13.25	13.05	13.70
HIGH			64QAM	12.81	13.33	12.97	13.70	
36		LOW	64QAM	12.90	12.97	12.93	13.70	
		MID	64QAM	12.95	12.96	12.88	13.70	
		HIGH	64QAM	12.89	13.06	12.80	13.70	
75		LOW	64QAM	12.91	13.00	12.92	13.70	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	12.88	12.94	12.73	13.70
	MID		QPSK	12.99	13.03	12.89	13.70	
	HIGH		QPSK	12.93	12.95	12.68	13.70	
	50	LOW	QPSK	12.98	12.94	12.90	13.70	
		MID	QPSK	13.02	13.03	12.90	13.70	
		HIGH	QPSK	13.04	12.96	12.87	13.70	
	100	LOW	QPSK	12.97	12.98	12.91	13.70	
	20	1	LOW	Q16	13.11	13.33	13.17	13.70
			MID	Q16	13.24	13.39	13.31	13.70
HIGH			Q16	13.16	13.32	13.13	13.70	
50		LOW	Q16	12.99	12.95	12.89	13.70	
		MID	Q16	13.06	13.03	12.84	13.70	
		HIGH	Q16	13.02	12.95	12.83	13.70	
100		LOW	Q16	12.98	12.97	12.88	13.70	
20		1	LOW	64QAM	13.06	13.34	13.22	13.70
			MID	64QAM	13.16	13.35	13.35	13.70
	HIGH		64QAM	13.08	13.37	13.06	13.70	
	50	LOW	64QAM	13.02	12.94	12.83	13.70	
		MID	64QAM	12.98	13.02	12.81	13.70	
		HIGH	64QAM	13.05	13.01	12.89	13.70	
	100	LOW	64QAM	13.04	13.00	12.93	13.70	

LTE B2-Level4-Ant.3								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.65	21.63	21.32	22.20	
		MID	QPSK	21.72	21.51	21.36	22.20	
		HIGH	QPSK	21.55	21.22	21.36	22.20	
	3	LOW	QPSK	21.79	21.50	20.93	22.20	
		MID	QPSK	21.48	21.54	21.26	22.20	
		HIGH	QPSK	21.41	21.40	21.18	22.20	
	6	LOW	QPSK	21.58	21.70	21.25	22.20	
	1.4	1	LOW	Q16	21.83	21.60	21.73	22.20
			MID	Q16	21.97	21.78	21.62	22.20
HIGH			Q16	21.89	21.72	21.65	22.20	
3		LOW	Q16	20.59	20.29	20.45	22.20	
		MID	Q16	20.28	20.47	20.47	22.20	
		HIGH	Q16	20.59	20.60	20.42	22.20	
6		LOW	Q16	20.28	19.90	20.27	21.20	
1.4		1	LOW	64QAM	20.26	20.52	20.24	21.20
			MID	64QAM	20.16	20.16	20.00	21.20
	HIGH		64QAM	20.45	20.38	20.33	21.20	
	3	LOW	64QAM	20.12	20.42	20.23	21.20	
		MID	64QAM	20.26	20.23	20.13	21.20	
		HIGH	64QAM	20.26	20.24	19.85	21.20	
	6	LOW	64QAM	19.35	19.14	19.08	20.20	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	21.27	21.70	21.49	22.20
MID			QPSK	21.67	21.51	21.64	22.20	
HIGH			QPSK	21.70	21.33	21.23	22.20	
8		LOW	QPSK	21.46	21.37	21.33	22.20	
		MID	QPSK	21.45	21.82	21.03	22.20	
		HIGH	QPSK	21.50	21.74	21.30	22.20	
15		LOW	QPSK	21.58	21.46	21.00	22.20	
3		1	LOW	Q16	21.72	21.86	21.64	22.20
			MID	Q16	22.03	21.87	22.09	22.20
	HIGH		Q16	21.76	21.81	21.61	22.20	
	8	LOW	Q16	20.43	20.58	20.47	21.20	
		MID	Q16	20.42	20.60	20.14	21.20	
		HIGH	Q16	20.71	20.66	20.31	21.20	
	15	LOW	Q16	19.94	19.88	20.01	21.20	
	3	1	LOW	64QAM	20.41	20.54	20.40	21.20
			MID	64QAM	20.44	20.80	20.59	21.20
HIGH			64QAM	20.57	20.69	20.18	21.20	
8		LOW	64QAM	19.28	19.16	19.34	20.20	
		MID	64QAM	19.17	19.28	19.09	20.20	
		HIGH	64QAM	19.40	19.32	18.94	20.20	
15		LOW	64QAM	19.33	19.28	19.20	20.20	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	21.54	21.35	21.32	22.20
	MID		QPSK	21.67	21.59	21.49	22.20	
	HIGH		QPSK	21.61	21.38	21.32	22.20	
	12	LOW	QPSK	21.59	21.43	20.97	22.20	
		MID	QPSK	21.17	21.49	21.21	22.20	
		HIGH	QPSK	21.37	21.44	21.29	22.20	
	25	LOW	QPSK	21.43	21.55	21.04	22.20	
	5	1	LOW	Q16	21.88	21.71	21.78	22.20
			MID	Q16	21.95	21.83	21.98	22.20
HIGH			Q16	21.87	21.73	21.45	22.20	
12		LOW	Q16	20.18	20.29	20.12	21.20	
		MID	Q16	20.61	20.63	20.40	21.20	
		HIGH	Q16	20.65	20.48	20.47	21.20	
25		LOW	Q16	20.10	20.36	20.07	21.20	
5		1	LOW	64QAM	20.32	20.50	20.34	21.20
			MID	64QAM	20.29	20.59	20.30	21.20
	HIGH		64QAM	20.06	20.50	20.21	21.20	
	12	LOW	64QAM	19.40	19.40	19.20	20.20	
		MID	64QAM	19.37	19.24	19.27	20.20	
		HIGH	64QAM	19.18	19.24	19.13	20.20	
	25	LOW	64QAM	19.07	19.20	19.16	20.20	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.43	21.46	21.40	22.20	
		MID	QPSK	21.47	21.75	21.54	22.20	
		HIGH	QPSK	21.18	21.42	21.32	22.20	
	25	LOW	QPSK	21.77	21.65	21.14	22.20	
		MID	QPSK	21.54	21.45	21.01	22.20	
		HIGH	QPSK	21.45	21.55	21.24	22.20	
	50	LOW	QPSK	21.25	21.67	21.04	22.20	
	10	1	LOW	Q16	21.73	21.84	21.60	22.20
			MID	Q16	21.75	22.02	21.58	22.20
HIGH			Q16	21.51	21.83	21.57	22.20	
25		LOW	Q16	20.43	20.56	20.46	21.20	
		MID	Q16	20.61	20.59	20.30	21.20	
		HIGH	Q16	20.45	20.43	20.37	21.20	
50		LOW	Q16	20.36	20.14	20.07	21.20	
10		1	LOW	64QAM	20.29	20.44	20.00	21.20
			MID	64QAM	20.42	20.68	20.06	21.20
	HIGH		64QAM	20.27	20.48	20.43	21.20	
	25	LOW	64QAM	19.22	19.34	19.07	20.20	
		MID	64QAM	19.17	19.38	19.25	20.20	
		HIGH	64QAM	19.20	19.32	19.02	20.20	
	50	LOW	64QAM	19.08	19.24	19.20	20.20	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	21.17	21.42	21.34	22.20
MID			QPSK	21.37	21.68	21.26	22.20	
HIGH			QPSK	21.46	21.41	21.45	22.20	
36		LOW	QPSK	21.35	21.50	21.27	22.20	
		MID	QPSK	21.74	21.36	21.13	22.20	
		HIGH	QPSK	21.46	21.68	20.95	22.20	
75		LOW	QPSK	21.65	21.50	20.98	22.20	
15		1	LOW	Q16	21.55	21.73	21.66	22.20
			MID	Q16	21.75	22.06	21.75	22.20
	HIGH		Q16	21.60	21.89	21.47	22.20	
	36	LOW	Q16	20.55	20.64	20.57	21.20	
		MID	Q16	20.57	20.65	20.51	21.20	
		HIGH	Q16	20.46	20.58	20.29	21.20	
	75	LOW	Q16	20.08	20.14	20.23	21.20	
	15	1	LOW	64QAM	20.18	20.60	20.30	21.20
			MID	64QAM	20.65	20.35	20.22	21.20
HIGH			64QAM	20.17	20.26	20.17	21.20	
36		LOW	64QAM	19.24	19.32	19.07	20.20	
		MID	64QAM	19.18	19.07	19.23	20.20	
		HIGH	64QAM	19.30	19.05	19.05	20.20	
75		LOW	64QAM	19.19	19.07	19.22	20.20	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	21.52	21.59	21.60	22.20
	MID		QPSK	21.67	21.66	21.67	22.20	
	HIGH		QPSK	21.55	21.57	21.60	22.20	
	50	LOW	QPSK	21.61	21.54	21.40	22.20	
		MID	QPSK	21.63	21.64	21.37	22.20	
		HIGH	QPSK	21.65	21.59	21.35	22.20	
	100	LOW	QPSK	21.58	21.61	21.36	22.20	
	20	1	LOW	Q16	21.71	21.97	21.71	22.20
			MID	Q16	21.82	22.02	21.89	22.20
HIGH			Q16	21.77	21.96	21.67	22.20	
50		LOW	Q16	20.61	20.56	20.55	21.20	
		MID	Q16	20.65	20.67	20.55	21.20	
		HIGH	Q16	20.63	20.62	20.51	21.20	
100		LOW	Q16	20.58	20.59	20.54	21.20	
20		1	LOW	64QAM	20.14	20.42	20.12	21.20
			MID	64QAM	20.55	20.33	20.14	21.20
	HIGH		64QAM	19.95	20.04	20.09	21.20	
	50	LOW	64QAM	19.16	19.22	18.88	20.20	
		MID	64QAM	18.91	18.93	19.20	20.20	
		HIGH	64QAM	18.88	19.02	18.98	20.20	
	100	LOW	64QAM	18.81	18.92	19.32	20.20	

LTE B2-Level5&6-Ant.3								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	18.82	18.89	18.79	19.70	
		MID	QPSK	18.80	18.88	18.80	19.70	
		HIGH	QPSK	18.80	18.86	18.76	19.70	
	3	LOW	QPSK	18.93	18.93	18.89	19.70	
		MID	QPSK	18.95	18.90	18.92	19.70	
		HIGH	QPSK	18.91	18.90	18.90	19.70	
	6	LOW	QPSK	18.93	18.98	18.91	19.70	
	1.4	1	LOW	Q16	19.06	19.09	18.93	19.70
			MID	Q16	19.08	19.05	18.94	19.70
HIGH			Q16	19.09	19.06	18.94	19.70	
3		LOW	Q16	18.97	19.17	19.04	19.70	
		MID	Q16	19.00	19.10	19.04	19.70	
		HIGH	Q16	19.01	19.10	19.00	19.70	
6		LOW	Q16	19.10	18.87	19.05	19.70	
1.4		1	LOW	64QAM	19.02	19.11	18.84	19.70
			MID	64QAM	19.08	18.99	19.03	19.70
	HIGH		64QAM	19.19	18.95	18.90	19.70	
	3	LOW	64QAM	18.91	19.23	18.93	19.70	
		MID	64QAM	18.92	19.10	19.08	19.70	
		HIGH	64QAM	19.05	19.04	18.89	19.70	
	6	LOW	64QAM	19.12	18.81	18.95	19.70	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	18.92	18.90	18.81	19.70
MID			QPSK	18.89	18.90	18.83	19.70	
HIGH			QPSK	18.91	18.87	18.81	19.70	
8		LOW	QPSK	18.91	18.95	18.89	19.70	
		MID	QPSK	18.93	18.89	18.90	19.70	
		HIGH	QPSK	18.92	18.90	18.86	19.70	
15		LOW	QPSK	18.91	18.89	18.90	19.70	
3		1	LOW	Q16	18.81	19.04	18.96	19.70
			MID	Q16	18.80	19.08	18.93	19.70
	HIGH		Q16	18.83	19.06	18.91	19.70	
	8	LOW	Q16	19.04	19.05	18.95	19.70	
		MID	Q16	19.05	19.01	18.95	19.70	
		HIGH	Q16	19.04	18.99	18.94	19.70	
	15	LOW	Q16	18.96	18.95	18.85	19.70	
	3	1	LOW	64QAM	18.87	19.02	18.90	19.70
			MID	64QAM	18.72	19.02	18.82	19.70
HIGH			64QAM	18.79	19.16	18.80	19.70	
8		LOW	64QAM	18.98	19.01	18.99	19.70	
		MID	64QAM	18.97	18.90	18.84	19.70	
		HIGH	64QAM	19.10	18.90	19.02	19.70	
15		LOW	64QAM	18.85	18.97	18.93	19.70	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	19.08	18.94	18.95	19.70
	MID		QPSK	19.14	18.96	18.95	19.70	
	HIGH		QPSK	19.12	18.99	18.93	19.70	
	12	LOW	QPSK	18.97	18.99	18.93	19.70	
		MID	QPSK	18.93	18.93	18.91	19.70	
		HIGH	QPSK	18.96	18.93	18.87	19.70	
	25	LOW	QPSK	18.91	18.97	18.90	19.70	
	5	1	LOW	Q16	19.17	19.15	19.02	19.70
			MID	Q16	19.17	19.19	18.99	19.70
HIGH			Q16	19.20	19.18	18.96	19.70	
12		LOW	Q16	19.03	19.13	19.00	19.70	
		MID	Q16	18.99	19.05	18.97	19.70	
		HIGH	Q16	19.04	19.09	18.92	19.70	
25		LOW	Q16	18.97	19.07	18.91	19.70	
5		1	LOW	64QAM	19.13	19.15	19.02	19.70
			MID	64QAM	19.25	19.11	18.99	19.70
	HIGH		64QAM	19.18	19.08	18.98	19.70	
	12	LOW	64QAM	19.11	19.03	19.08	19.70	
		MID	64QAM	18.88	19.01	19.01	19.70	
		HIGH	64QAM	19.04	19.01	18.88	19.70	
	25	LOW	64QAM	18.88	19.15	18.83	19.70	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	18.94	18.92	18.92	19.70	
		MID	QPSK	18.97	18.96	18.89	19.70	
		HIGH	QPSK	18.97	18.96	18.84	19.70	
	25	LOW	QPSK	18.97	18.99	18.93	19.70	
		MID	QPSK	19.00	18.98	18.91	19.70	
		HIGH	QPSK	19.01	18.99	18.86	19.70	
	50	LOW	QPSK	18.98	19.01	18.93	19.70	
	10	1	LOW	Q16	18.84	19.05	19.04	19.70
			MID	Q16	18.89	19.10	19.03	19.70
HIGH			Q16	18.89	19.07	18.91	19.70	
25		LOW	Q16	19.02	19.04	19.01	19.70	
		MID	Q16	19.00	19.06	18.98	19.70	
		HIGH	Q16	19.06	19.05	18.99	19.70	
50		LOW	Q16	19.01	19.02	18.94	19.70	
10		1	LOW	64QAM	18.76	19.11	19.10	19.70
			MID	64QAM	18.89	18.99	18.93	19.70
	HIGH		64QAM	18.83	19.03	18.99	19.70	
	25	LOW	64QAM	19.00	18.98	19.03	19.70	
		MID	64QAM	18.91	18.95	18.90	19.70	
		HIGH	64QAM	19.02	18.97	19.08	19.70	
	50	LOW	64QAM	19.01	19.10	19.02	19.70	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	18.87	18.93	18.81	19.70
MID			QPSK	18.97	18.94	18.85	19.70	
HIGH			QPSK	18.88	18.92	18.72	19.70	
36		LOW	QPSK	18.92	18.95	18.90	19.70	
		MID	QPSK	18.94	18.96	18.88	19.70	
		HIGH	QPSK	18.95	18.96	18.86	19.70	
75		LOW	QPSK	18.94	18.96	18.91	19.70	
15		1	LOW	Q16	18.80	19.03	19.11	19.70
			MID	Q16	18.92	19.10	19.13	19.70
	HIGH		Q16	18.84	19.06	18.94	19.70	
	36	LOW	Q16	18.98	19.03	18.87	19.70	
		MID	Q16	18.99	19.06	18.92	19.70	
		HIGH	Q16	19.02	19.05	18.87	19.70	
	75	LOW	Q16	18.95	19.01	18.90	19.70	
	15	1	LOW	64QAM	18.71	18.99	19.19	19.70
			MID	64QAM	19.00	19.10	19.17	19.70
HIGH			64QAM	18.92	19.06	18.90	19.70	
36		LOW	64QAM	19.00	19.01	18.78	19.70	
		MID	64QAM	19.08	18.98	18.94	19.70	
		HIGH	64QAM	19.10	18.97	18.79	19.70	
75		LOW	64QAM	19.01	19.01	18.94	19.70	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	18.84	18.90	18.79	19.70
	MID		QPSK	18.98	19.01	19.04	19.70	
	HIGH		QPSK	18.92	18.93	18.73	19.70	
	50	LOW	QPSK	19.01	18.93	18.95	19.70	
		MID	QPSK	19.05	19.01	18.95	19.70	
		HIGH	QPSK	19.01	18.98	18.91	19.70	
	100	LOW	QPSK	18.95	18.99	18.93	19.70	
	20	1	LOW	Q16	19.05	19.11	18.96	19.70
			MID	Q16	19.16	19.18	19.10	19.70
HIGH			Q16	19.12	19.11	18.91	19.70	
50		LOW	Q16	19.02	18.93	18.93	19.70	
		MID	Q16	19.06	19.02	18.89	19.70	
		HIGH	Q16	19.02	18.99	18.87	19.70	
100		LOW	Q16	18.98	19.00	18.94	19.70	
20		1	LOW	64QAM	18.99	19.15	19.05	19.70
			MID	64QAM	19.08	19.28	19.00	19.70
	HIGH		64QAM	19.20	19.05	18.83	19.70	
	50	LOW	64QAM	18.94	18.87	18.85	19.70	
		MID	64QAM	19.06	18.96	18.97	19.70	
		HIGH	64QAM	19.00	18.97	18.93	19.70	
	100	LOW	64QAM	18.90	18.91	19.03	19.70	

LTE B2-Level1-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.87	23.03	22.41	24.00	
		MID	QPSK	23.02	23.05	22.71	24.00	
		HIGH	QPSK	22.69	23.11	22.49	24.00	
	3	LOW	QPSK	22.66	22.91	22.15	24.00	
		MID	QPSK	22.90	22.71	22.59	24.00	
		HIGH	QPSK	22.49	23.20	22.26	24.00	
	6	LOW	QPSK	21.72	22.09	21.89	23.00	
	1.4	1	LOW	Q16	22.20	22.23	21.86	23.00
			MID	Q16	22.63	22.17	22.35	23.00
HIGH			Q16	22.46	22.27	22.00	23.00	
3		LOW	Q16	21.82	22.01	21.68	23.00	
		MID	Q16	22.68	22.22	22.37	23.00	
		HIGH	Q16	22.32	22.27	22.02	23.00	
6		LOW	Q16	21.12	21.00	20.83	22.00	
1.4		1	LOW	64QAM	20.69	20.42	20.61	22.00
			MID	64QAM	20.88	20.71	20.48	22.00
	HIGH		64QAM	20.72	20.70	20.69	22.00	
	3	LOW	64QAM	20.53	20.40	20.61	22.00	
		MID	64QAM	20.56	20.65	20.42	22.00	
		HIGH	64QAM	20.72	20.35	20.69	22.00	
	6	LOW	64QAM	20.07	19.60	19.71	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	22.85	22.91	22.47	24.00
MID			QPSK	22.93	22.78	22.87	24.00	
HIGH			QPSK	22.92	23.02	22.38	24.00	
8		LOW	QPSK	22.06	21.84	21.76	23.00	
		MID	QPSK	22.06	22.15	21.60	23.00	
		HIGH	QPSK	22.02	21.73	21.67	23.00	
15		LOW	QPSK	21.96	22.16	21.60	23.00	
3		1	LOW	Q16	22.45	22.24	22.02	23.00
			MID	Q16	22.27	22.36	22.20	23.00
	HIGH		Q16	22.22	22.36	22.18	23.00	
	8	LOW	Q16	20.90	20.88	21.11	22.00	
		MID	Q16	21.10	20.80	20.83	22.00	
		HIGH	Q16	21.12	20.75	20.68	22.00	
	15	LOW	Q16	20.84	20.81	20.84	22.00	
	3	1	LOW	64QAM	20.69	20.71	20.68	22.00
			MID	64QAM	20.65	20.42	20.58	22.00
HIGH			64QAM	20.87	20.70	20.86	22.00	
8		LOW	64QAM	19.99	19.79	19.91	21.00	
		MID	64QAM	20.18	20.00	19.60	21.00	
		HIGH	64QAM	19.82	19.76	19.99	21.00	
15		LOW	64QAM	19.77	19.88	19.99	21.00	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	22.94	22.87	22.52	24.00
	MID		QPSK	23.40	22.91	22.39	24.00	
	HIGH		QPSK	22.99	22.88	22.65	24.00	
	12	LOW	QPSK	22.20	21.80	21.83	23.00	
		MID	QPSK	22.07	22.13	21.86	23.00	
		HIGH	QPSK	21.69	21.89	21.91	23.00	
	25	LOW	QPSK	21.98	21.96	21.82	23.00	
	5	1	LOW	Q16	22.36	22.45	22.11	23.00
			MID	Q16	22.29	22.50	21.94	23.00
HIGH			Q16	22.57	22.56	22.18	23.00	
12		LOW	Q16	20.90	20.78	20.76	22.00	
		MID	Q16	20.91	20.93	20.81	22.00	
		HIGH	Q16	21.01	21.02	21.05	22.00	
25		LOW	Q16	21.28	20.87	20.96	22.00	
5		1	LOW	64QAM	20.83	20.83	20.39	22.00
			MID	64QAM	20.82	20.84	20.79	22.00
	HIGH		64QAM	20.66	20.54	20.66	22.00	
	12	LOW	64QAM	20.11	19.95	19.73	21.00	
		MID	64QAM	20.08	19.82	19.84	21.00	
		HIGH	64QAM	20.26	20.12	19.71	21.00	
	25	LOW	64QAM	19.87	19.86	19.75	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.82	22.43	24.00	
		MID	QPSK	23.09	23.24	22.86	24.00	
		HIGH	QPSK	22.74	22.95	22.29	24.00	
	25	LOW	QPSK	22.25	21.95	21.61	23.00	
		MID	QPSK	22.11	22.03	21.39	23.00	
		HIGH	QPSK	22.17	22.13	22.00	23.00	
	50	LOW	QPSK	22.07	22.09	21.62	23.00	
	10	1	LOW	Q16	22.14	22.57	22.08	23.00
			MID	Q16	22.56	22.39	21.92	23.00
HIGH			Q16	22.32	22.23	22.31	23.00	
25		LOW	Q16	20.92	21.20	21.12	22.00	
		MID	Q16	21.22	20.98	20.98	22.00	
		HIGH	Q16	21.18	21.04	20.57	22.00	
50		LOW	Q16	20.81	20.87	20.59	22.00	
10		1	LOW	64QAM	20.96	20.94	20.82	22.00
			MID	64QAM	21.03	20.63	20.54	22.00
	HIGH		64QAM	20.76	20.68	20.62	22.00	
	25	LOW	64QAM	19.83	19.95	19.95	21.00	
		MID	64QAM	19.82	19.98	19.62	21.00	
		HIGH	64QAM	20.06	19.90	19.83	21.00	
	50	LOW	64QAM	20.23	19.96	19.75	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	22.92	22.93	22.45	24.00
MID			QPSK	23.19	23.20	22.84	24.00	
HIGH			QPSK	22.68	22.88	22.66	24.00	
36		LOW	QPSK	21.91	21.82	21.61	23.00	
		MID	QPSK	22.22	21.80	21.84	23.00	
		HIGH	QPSK	22.35	22.09	21.87	23.00	
75		LOW	QPSK	21.92	22.00	21.43	23.00	
15		1	LOW	Q16	22.31	22.25	22.17	23.00
			MID	Q16	22.25	22.34	22.37	23.00
	HIGH		Q16	22.48	22.41	22.02	23.00	
	36	LOW	Q16	21.13	20.71	20.85	22.00	
		MID	Q16	21.03	20.89	21.07	22.00	
		HIGH	Q16	21.14	20.81	20.92	22.00	
	75	LOW	Q16	20.86	20.93	20.74	22.00	
	15	1	LOW	64QAM	20.81	20.61	20.63	22.00
			MID	64QAM	21.18	20.63	20.62	22.00
HIGH			64QAM	20.74	20.91	20.82	22.00	
36		LOW	64QAM	19.89	19.99	19.65	21.00	
		MID	64QAM	19.90	19.88	19.86	21.00	
		HIGH	64QAM	20.20	19.86	19.83	21.00	
75		LOW	64QAM	20.21	19.76	19.87	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	23.08	23.05	22.68	24.00
	MID		QPSK	23.21	23.10	22.84	24.00	
	HIGH		QPSK	23.04	23.04	22.72	24.00	
	50	LOW	QPSK	22.11	22.04	21.78	23.00	
		MID	QPSK	22.15	22.17	21.82	23.00	
		HIGH	QPSK	22.15	22.00	21.80	23.00	
	100	LOW	QPSK	22.09	22.09	21.82	23.00	
	20	1	LOW	Q16	22.49	22.45	22.13	23.00
			MID	Q16	22.61	22.50	22.32	23.00
HIGH			Q16	22.53	22.45	22.22	23.00	
50		LOW	Q16	21.09	21.03	20.97	22.00	
		MID	Q16	21.14	21.12	21.00	22.00	
		HIGH	Q16	21.16	20.98	20.99	22.00	
100		LOW	Q16	21.09	21.04	20.99	22.00	
20		1	LOW	64QAM	20.96	20.88	20.78	22.00
			MID	64QAM	21.01	20.84	20.83	22.00
	HIGH		64QAM	20.89	20.79	20.82	22.00	
	50	LOW	64QAM	20.07	20.07	19.99	21.00	
		MID	64QAM	20.12	20.10	19.96	21.00	
		HIGH	64QAM	20.16	20.00	20.05	21.00	
	100	LOW	64QAM	20.05	20.08	20.03	21.00	

LTE B2-Level2&3-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.87	23.03	22.41	24.00	
		MID	QPSK	23.02	23.05	22.71	24.00	
		HIGH	QPSK	22.69	23.11	22.49	24.00	
	3	LOW	QPSK	22.66	22.91	22.15	24.00	
		MID	QPSK	22.90	22.71	22.59	24.00	
		HIGH	QPSK	22.49	23.20	22.26	24.00	
	6	LOW	QPSK	21.72	22.09	21.89	23.00	
	1.4	1	LOW	Q16	22.20	22.23	21.86	23.00
			MID	Q16	22.63	22.17	22.35	23.00
HIGH			Q16	22.46	22.27	22.00	23.00	
3		LOW	Q16	21.82	22.01	21.68	23.00	
		MID	Q16	22.68	22.22	22.37	23.00	
		HIGH	Q16	22.32	22.27	22.02	23.00	
6		LOW	Q16	21.12	21.00	20.83	22.00	
1.4		1	LOW	64QAM	20.69	20.42	20.61	22.00
			MID	64QAM	20.88	20.71	20.48	22.00
	HIGH		64QAM	20.72	20.70	20.69	22.00	
	3	LOW	64QAM	20.53	20.40	20.61	22.00	
		MID	64QAM	20.56	20.65	20.42	22.00	
		HIGH	64QAM	20.72	20.35	20.69	22.00	
	6	LOW	64QAM	20.07	19.60	19.71	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	22.85	22.91	22.47	24.00
MID			QPSK	22.93	22.78	22.87	24.00	
HIGH			QPSK	22.92	23.02	22.38	24.00	
8		LOW	QPSK	22.06	21.84	21.76	23.00	
		MID	QPSK	22.06	22.15	21.60	23.00	
		HIGH	QPSK	22.02	21.73	21.67	23.00	
15		LOW	QPSK	21.96	22.16	21.60	23.00	
3		1	LOW	Q16	22.45	22.24	22.02	23.00
			MID	Q16	22.27	22.36	22.20	23.00
	HIGH		Q16	22.22	22.36	22.18	23.00	
	8	LOW	Q16	20.90	20.88	21.11	22.00	
		MID	Q16	21.10	20.80	20.83	22.00	
		HIGH	Q16	21.12	20.75	20.68	22.00	
	15	LOW	Q16	20.84	20.81	20.84	22.00	
	3	1	LOW	64QAM	20.69	20.71	20.68	22.00
			MID	64QAM	20.65	20.42	20.58	22.00
HIGH			64QAM	20.87	20.70	20.86	22.00	
8		LOW	64QAM	19.99	19.79	19.91	21.00	
		MID	64QAM	20.18	20.00	19.60	21.00	
		HIGH	64QAM	19.82	19.76	19.99	21.00	
15		LOW	64QAM	19.77	19.88	19.99	21.00	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	22.94	22.87	22.52	24.00
	MID		QPSK	23.40	22.91	22.39	24.00	
	HIGH		QPSK	22.99	22.88	22.65	24.00	
	12	LOW	QPSK	22.20	21.80	21.83	23.00	
		MID	QPSK	22.07	22.13	21.86	23.00	
		HIGH	QPSK	21.69	21.89	21.91	23.00	
	25	LOW	QPSK	21.98	21.96	21.82	23.00	
	5	1	LOW	Q16	22.36	22.45	22.11	23.00
			MID	Q16	22.29	22.50	21.94	23.00
HIGH			Q16	22.57	22.56	22.18	23.00	
12		LOW	Q16	20.90	20.78	20.76	22.00	
		MID	Q16	20.91	20.93	20.81	22.00	
		HIGH	Q16	21.01	21.02	21.05	22.00	
25		LOW	Q16	21.28	20.87	20.96	22.00	
5		1	LOW	64QAM	20.83	20.83	20.39	22.00
			MID	64QAM	20.82	20.84	20.79	22.00
	HIGH		64QAM	20.66	20.54	20.66	22.00	
	12	LOW	64QAM	20.11	19.95	19.73	21.00	
		MID	64QAM	20.08	19.82	19.84	21.00	
		HIGH	64QAM	20.26	20.12	19.71	21.00	
	25	LOW	64QAM	19.87	19.86	19.75	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.82	22.43	24.00	
		MID	QPSK	23.09	23.24	22.86	24.00	
		HIGH	QPSK	22.74	22.95	22.29	24.00	
	25	LOW	QPSK	22.25	21.95	21.61	23.00	
		MID	QPSK	22.11	22.03	21.39	23.00	
		HIGH	QPSK	22.17	22.13	22.00	23.00	
	50	LOW	QPSK	22.07	22.09	21.62	23.00	
	10	1	LOW	Q16	22.14	22.57	22.08	23.00
			MID	Q16	22.56	22.39	21.92	23.00
HIGH			Q16	22.32	22.23	22.31	23.00	
25		LOW	Q16	20.92	21.20	21.12	22.00	
		MID	Q16	21.22	20.98	20.98	22.00	
		HIGH	Q16	21.18	21.04	20.57	22.00	
50		LOW	Q16	20.81	20.87	20.59	22.00	
10		1	LOW	64QAM	20.96	20.94	20.82	22.00
			MID	64QAM	21.03	20.63	20.54	22.00
	HIGH		64QAM	20.76	20.68	20.62	22.00	
	25	LOW	64QAM	19.83	19.95	19.95	21.00	
		MID	64QAM	19.82	19.98	19.62	21.00	
		HIGH	64QAM	20.06	19.90	19.83	21.00	
	50	LOW	64QAM	20.23	19.96	19.75	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	22.92	22.93	22.45	24.00
MID			QPSK	23.19	23.20	22.84	24.00	
HIGH			QPSK	22.68	22.88	22.66	24.00	
36		LOW	QPSK	21.91	21.82	21.61	23.00	
		MID	QPSK	22.22	21.80	21.84	23.00	
		HIGH	QPSK	22.35	22.09	21.87	23.00	
75		LOW	QPSK	21.92	22.00	21.43	23.00	
15		1	LOW	Q16	22.31	22.25	22.17	23.00
			MID	Q16	22.25	22.34	22.37	23.00
	HIGH		Q16	22.48	22.41	22.02	23.00	
	36	LOW	Q16	21.13	20.71	20.85	22.00	
		MID	Q16	21.03	20.89	21.07	22.00	
		HIGH	Q16	21.14	20.81	20.92	22.00	
	75	LOW	Q16	20.86	20.93	20.74	22.00	
	15	1	LOW	64QAM	20.81	20.61	20.63	22.00
			MID	64QAM	21.18	20.63	20.62	22.00
HIGH			64QAM	20.74	20.91	20.82	22.00	
36		LOW	64QAM	19.89	19.99	19.65	21.00	
		MID	64QAM	19.90	19.88	19.86	21.00	
		HIGH	64QAM	20.20	19.86	19.83	21.00	
75		LOW	64QAM	20.21	19.76	19.87	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	23.08	23.05	22.68	24.00
	MID		QPSK	23.21	23.10	22.84	24.00	
	HIGH		QPSK	23.04	23.04	22.72	24.00	
	50	LOW	QPSK	22.11	22.04	21.78	23.00	
		MID	QPSK	22.15	22.17	21.82	23.00	
		HIGH	QPSK	22.15	22.00	21.80	23.00	
	100	LOW	QPSK	22.09	22.09	21.82	23.00	
	20	1	LOW	Q16	22.49	22.45	22.13	23.00
			MID	Q16	22.61	22.50	22.32	23.00
HIGH			Q16	22.53	22.45	22.22	23.00	
50		LOW	Q16	21.09	21.03	20.97	22.00	
		MID	Q16	21.14	21.12	21.00	22.00	
		HIGH	Q16	21.16	20.98	20.99	22.00	
100		LOW	Q16	21.09	21.04	20.99	22.00	
20		1	LOW	64QAM	20.96	20.88	20.78	22.00
			MID	64QAM	21.01	20.84	20.83	22.00
	HIGH		64QAM	20.89	20.79	20.82	22.00	
	50	LOW	64QAM	20.07	20.07	19.99	21.00	
		MID	64QAM	20.12	20.10	19.96	21.00	
		HIGH	64QAM	20.16	20.00	20.05	21.00	
	100	LOW	64QAM	20.05	20.08	20.03	21.00	

LTE B2-Level4 (sensor off)-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.87	23.03	22.41	24.00	
		MID	QPSK	23.02	23.05	22.71	24.00	
		HIGH	QPSK	22.69	23.11	22.49	24.00	
	3	LOW	QPSK	22.66	22.91	22.15	24.00	
		MID	QPSK	22.90	22.71	22.59	24.00	
		HIGH	QPSK	22.49	23.20	22.26	24.00	
	6	LOW	QPSK	21.72	22.09	21.89	23.00	
	1.4	1	LOW	Q16	22.20	22.23	21.86	23.00
			MID	Q16	22.63	22.17	22.35	23.00
HIGH			Q16	22.46	22.27	22.00	23.00	
3		LOW	Q16	21.82	22.01	21.68	23.00	
		MID	Q16	22.68	22.22	22.37	23.00	
		HIGH	Q16	22.32	22.27	22.02	23.00	
6		LOW	Q16	21.12	21.00	20.83	22.00	
1.4		1	LOW	64QAM	20.69	20.42	20.61	22.00
			MID	64QAM	20.88	20.71	20.48	22.00
	HIGH		64QAM	20.72	20.70	20.69	22.00	
	3	LOW	64QAM	20.53	20.40	20.61	22.00	
		MID	64QAM	20.56	20.65	20.42	22.00	
		HIGH	64QAM	20.72	20.35	20.69	22.00	
	6	LOW	64QAM	20.07	19.60	19.71	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	22.85	22.91	22.47	24.00
MID			QPSK	22.93	22.78	22.87	24.00	
HIGH			QPSK	22.92	23.02	22.38	24.00	
8		LOW	QPSK	22.06	21.84	21.76	23.00	
		MID	QPSK	22.06	22.15	21.60	23.00	
		HIGH	QPSK	22.02	21.73	21.67	23.00	
15		LOW	QPSK	21.96	22.16	21.60	23.00	
3		1	LOW	Q16	22.45	22.24	22.02	23.00
			MID	Q16	22.27	22.36	22.20	23.00
	HIGH		Q16	22.22	22.36	22.18	23.00	
	8	LOW	Q16	20.90	20.88	21.11	22.00	
		MID	Q16	21.10	20.80	20.83	22.00	
		HIGH	Q16	21.12	20.75	20.68	22.00	
	15	LOW	Q16	20.84	20.81	20.84	22.00	
	3	1	LOW	64QAM	20.69	20.71	20.68	22.00
			MID	64QAM	20.65	20.42	20.58	22.00
HIGH			64QAM	20.87	20.70	20.86	22.00	
8		LOW	64QAM	19.99	19.79	19.91	21.00	
		MID	64QAM	20.18	20.00	19.60	21.00	
		HIGH	64QAM	19.82	19.76	19.99	21.00	
15		LOW	64QAM	19.77	19.88	19.99	21.00	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	22.94	22.87	22.52	24.00
	MID		QPSK	23.40	22.91	22.39	24.00	
	HIGH		QPSK	22.99	22.88	22.65	24.00	
	12	LOW	QPSK	22.20	21.80	21.83	23.00	
		MID	QPSK	22.07	22.13	21.86	23.00	
		HIGH	QPSK	21.69	21.89	21.91	23.00	
	25	LOW	QPSK	21.98	21.96	21.82	23.00	
	5	1	LOW	Q16	22.36	22.45	22.11	23.00
			MID	Q16	22.29	22.50	21.94	23.00
HIGH			Q16	22.57	22.56	22.18	23.00	
12		LOW	Q16	20.90	20.78	20.76	22.00	
		MID	Q16	20.91	20.93	20.81	22.00	
		HIGH	Q16	21.01	21.02	21.05	22.00	
25		LOW	Q16	21.28	20.87	20.96	22.00	
5		1	LOW	64QAM	20.83	20.83	20.39	22.00
			MID	64QAM	20.82	20.84	20.79	22.00
	HIGH		64QAM	20.66	20.54	20.66	22.00	
	12	LOW	64QAM	20.11	19.95	19.73	21.00	
		MID	64QAM	20.08	19.82	19.84	21.00	
		HIGH	64QAM	20.26	20.12	19.71	21.00	
	25	LOW	64QAM	19.87	19.86	19.75	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.82	22.43	24.00	
		MID	QPSK	23.09	23.24	22.86	24.00	
		HIGH	QPSK	22.74	22.95	22.29	24.00	
	25	LOW	QPSK	22.25	21.95	21.61	23.00	
		MID	QPSK	22.11	22.03	21.39	23.00	
		HIGH	QPSK	22.17	22.13	22.00	23.00	
	50	LOW	QPSK	22.07	22.09	21.62	23.00	
	10	1	LOW	Q16	22.14	22.57	22.08	23.00
			MID	Q16	22.56	22.39	21.92	23.00
HIGH			Q16	22.32	22.23	22.31	23.00	
25		LOW	Q16	20.92	21.20	21.12	22.00	
		MID	Q16	21.22	20.98	20.98	22.00	
		HIGH	Q16	21.18	21.04	20.57	22.00	
50		LOW	Q16	20.81	20.87	20.59	22.00	
10		1	LOW	64QAM	20.96	20.94	20.82	22.00
			MID	64QAM	21.03	20.63	20.54	22.00
	HIGH		64QAM	20.76	20.68	20.62	22.00	
	25	LOW	64QAM	19.83	19.95	19.95	21.00	
		MID	64QAM	19.82	19.98	19.62	21.00	
		HIGH	64QAM	20.06	19.90	19.83	21.00	
	50	LOW	64QAM	20.23	19.96	19.75	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	22.92	22.93	22.45	24.00
MID			QPSK	23.19	23.20	22.84	24.00	
HIGH			QPSK	22.68	22.88	22.66	24.00	
36		LOW	QPSK	21.91	21.82	21.61	23.00	
		MID	QPSK	22.22	21.80	21.84	23.00	
		HIGH	QPSK	22.35	22.09	21.87	23.00	
75		LOW	QPSK	21.92	22.00	21.43	23.00	
15		1	LOW	Q16	22.31	22.25	22.17	23.00
			MID	Q16	22.25	22.34	22.37	23.00
	HIGH		Q16	22.48	22.41	22.02	23.00	
	36	LOW	Q16	21.13	20.71	20.85	22.00	
		MID	Q16	21.03	20.89	21.07	22.00	
		HIGH	Q16	21.14	20.81	20.92	22.00	
	75	LOW	Q16	20.86	20.93	20.74	22.00	
	15	1	LOW	64QAM	20.81	20.61	20.63	22.00
			MID	64QAM	21.18	20.63	20.62	22.00
HIGH			64QAM	20.74	20.91	20.82	22.00	
36		LOW	64QAM	19.89	19.99	19.65	21.00	
		MID	64QAM	19.90	19.88	19.86	21.00	
		HIGH	64QAM	20.20	19.86	19.83	21.00	
75		LOW	64QAM	20.21	19.76	19.87	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	23.08	23.05	22.68	24.00
	MID		QPSK	23.21	23.10	22.84	24.00	
	HIGH		QPSK	23.04	23.04	22.72	24.00	
	50	LOW	QPSK	22.11	22.04	21.78	23.00	
		MID	QPSK	22.15	22.17	21.82	23.00	
		HIGH	QPSK	22.15	22.00	21.80	23.00	
	100	LOW	QPSK	22.09	22.09	21.82	23.00	
	20	1	LOW	Q16	22.49	22.45	22.13	23.00
			MID	Q16	22.61	22.50	22.32	23.00
HIGH			Q16	22.53	22.45	22.22	23.00	
50		LOW	Q16	21.09	21.03	20.97	22.00	
		MID	Q16	21.14	21.12	21.00	22.00	
		HIGH	Q16	21.16	20.98	20.99	22.00	
100		LOW	Q16	21.09	21.04	20.99	22.00	
20		1	LOW	64QAM	20.96	20.88	20.78	22.00
			MID	64QAM	21.01	20.84	20.83	22.00
	HIGH		64QAM	20.89	20.79	20.82	22.00	
	50	LOW	64QAM	20.07	20.07	19.99	21.00	
		MID	64QAM	20.12	20.10	19.96	21.00	
		HIGH	64QAM	20.16	20.00	20.05	21.00	
	100	LOW	64QAM	20.05	20.08	20.03	21.00	

LTE B2-Level4 (sensor on 2)-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.10	21.22	21.09	23.00	
		MID	QPSK	21.07	21.07	21.12	23.00	
		HIGH	QPSK	20.98	21.17	20.89	23.00	
	3	LOW	QPSK	21.10	21.38	21.49	23.00	
		MID	QPSK	21.05	21.06	21.47	23.00	
		HIGH	QPSK	21.44	21.39	21.28	23.00	
	6	LOW	QPSK	21.68	21.83	21.42	23.00	
	1.4	1	LOW	Q16	21.32	21.57	21.36	23.00
			MID	Q16	21.28	21.54	21.48	23.00
HIGH			Q16	20.68	20.82	20.42	23.00	
3		LOW	Q16	21.36	21.79	21.46	23.00	
		MID	Q16	21.30	21.34	21.75	23.00	
		HIGH	Q16	21.56	21.65	21.22	23.00	
6		LOW	Q16	21.19	20.83	20.66	22.00	
1.4		1	LOW	64QAM	20.81	20.36	20.51	22.00
			MID	64QAM	20.80	20.42	20.36	22.00
	HIGH		64QAM	20.90	20.55	20.45	22.00	
	3	LOW	64QAM	20.21	20.16	20.41	22.00	
		MID	64QAM	20.60	20.69	20.12	22.00	
		HIGH	64QAM	20.32	20.13	20.75	22.00	
	6	LOW	64QAM	19.90	19.88	19.92	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	21.06	21.16	20.84	23.00
MID			QPSK	21.44	21.22	21.12	23.00	
HIGH			QPSK	21.38	21.00	21.08	23.00	
8		LOW	QPSK	21.23	21.47	21.67	23.00	
		MID	QPSK	21.13	21.12	21.32	23.00	
		HIGH	QPSK	21.29	21.47	21.18	23.00	
15		LOW	QPSK	21.63	21.72	21.20	23.00	
3		1	LOW	Q16	21.33	21.45	21.26	23.00
			MID	Q16	21.70	21.46	21.35	23.00
	HIGH		Q16	20.74	20.80	20.53	23.00	
	8	LOW	Q16	20.69	20.71	20.57	22.00	
		MID	Q16	20.59	20.38	20.66	22.00	
		HIGH	Q16	20.73	20.86	20.87	22.00	
	15	LOW	Q16	21.01	21.17	20.65	22.00	
	3	1	LOW	64QAM	20.74	20.75	20.14	22.00
			MID	64QAM	20.36	20.00	20.68	22.00
HIGH			64QAM	20.67	20.06	20.12	22.00	
8		LOW	64QAM	19.84	19.92	19.86	21.00	
		MID	64QAM	20.02	19.72	20.04	21.00	
		HIGH	64QAM	19.64	19.90	19.80	21.00	
15		LOW	64QAM	19.90	19.86	19.74	21.00	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	21.17	21.35	20.77	23.00
	MID		QPSK	20.92	21.07	20.78	23.00	
	HIGH		QPSK	21.36	21.29	20.80	23.00	
	12	LOW	QPSK	21.33	21.17	21.43	23.00	
		MID	QPSK	21.52	20.97	21.21	23.00	
		HIGH	QPSK	21.33	21.21	21.37	23.00	
	25	LOW	QPSK	21.51	21.79	21.46	23.00	
	5	1	LOW	Q16	21.47	21.42	21.00	23.00
			MID	Q16	21.12	21.35	20.97	23.00
HIGH			Q16	20.76	20.82	20.48	23.00	
12		LOW	Q16	20.66	20.98	20.69	22.00	
		MID	Q16	20.77	20.40	20.82	22.00	
		HIGH	Q16	20.79	20.69	20.55	22.00	
25		LOW	Q16	20.99	20.64	20.65	22.00	
5		1	LOW	64QAM	20.60	20.85	20.10	22.00
			MID	64QAM	20.63	20.06	20.72	22.00
	HIGH		64QAM	20.45	20.04	20.10	22.00	
	12	LOW	64QAM	19.66	20.10	20.10	21.00	
		MID	64QAM	19.86	19.68	19.88	21.00	
		HIGH	64QAM	19.36	19.78	19.60	21.00	
	25	LOW	64QAM	19.54	19.86	19.56	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	21.49	21.22	20.92	23.00	
		MID	QPSK	21.01	21.00	20.85	23.00	
		HIGH	QPSK	21.23	21.28	20.87	23.00	
	25	LOW	QPSK	21.21	21.32	21.23	23.00	
		MID	QPSK	21.19	20.93	21.30	23.00	
		HIGH	QPSK	21.20	20.94	21.16	23.00	
	50	LOW	QPSK	21.59	21.79	21.57	23.00	
	10	1	LOW	Q16	21.70	21.42	21.21	23.00
			MID	Q16	21.11	21.22	21.35	23.00
HIGH			Q16	20.47	20.77	20.54	23.00	
25		LOW	Q16	20.71	20.50	20.72	22.00	
		MID	Q16	20.58	20.49	20.52	22.00	
		HIGH	Q16	20.73	20.61	20.63	22.00	
50		LOW	Q16	21.09	20.96	20.68	22.00	
10		1	LOW	64QAM	20.32	20.77	20.56	22.00
			MID	64QAM	20.45	20.00	20.50	22.00
	HIGH		64QAM	20.27	20.04	20.14	22.00	
	25	LOW	64QAM	19.76	19.82	19.88	21.00	
		MID	64QAM	19.74	19.90	19.88	21.00	
		HIGH	64QAM	19.68	19.94	19.94	21.00	
	50	LOW	64QAM	19.72	20.06	19.76	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	21.28	21.46	20.85	23.00
MID			QPSK	21.15	21.14	21.29	23.00	
HIGH			QPSK	21.19	21.02	20.87	23.00	
36		LOW	QPSK	21.27	21.13	21.26	23.00	
		MID	QPSK	21.05	21.08	21.06	23.00	
		HIGH	QPSK	21.35	21.37	21.41	23.00	
75		LOW	QPSK	21.70	21.88	21.25	23.00	
15		1	LOW	Q16	21.46	21.62	21.09	23.00
			MID	Q16	21.44	21.59	21.33	23.00
	HIGH		Q16	20.47	20.80	20.56	23.00	
	36	LOW	Q16	20.94	20.71	20.76	22.00	
		MID	Q16	21.13	20.74	20.80	22.00	
		HIGH	Q16	20.84	20.71	20.51	22.00	
	75	LOW	Q16	21.33	21.04	20.88	22.00	
	15	1	LOW	64QAM	20.56	20.81	20.32	22.00
			MID	64QAM	20.45	20.04	20.32	22.00
HIGH			64QAM	20.27	20.22	20.32	22.00	
36		LOW	64QAM	19.86	20.14	19.86	21.00	
		MID	64QAM	20.08	19.76	19.90	21.00	
		HIGH	64QAM	19.48	20.02	19.80	21.00	
75		LOW	64QAM	19.76	20.08	19.70	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	21.38	21.37	21.11	23.00
	MID		QPSK	21.26	21.28	21.12	23.00	
	HIGH		QPSK	21.34	21.38	21.10	23.00	
	50	LOW	QPSK	21.44	21.36	21.45	23.00	
		MID	QPSK	21.41	21.25	21.38	23.00	
		HIGH	QPSK	21.35	21.32	21.39	23.00	
	100	LOW	QPSK	21.79	21.79	21.48	23.00	
	20	1	LOW	Q16	21.61	21.51	21.34	23.00
			MID	Q16	21.53	21.44	21.29	23.00
HIGH			Q16	20.87	20.90	20.73	23.00	
50		LOW	Q16	20.96	20.90	20.78	22.00	
		MID	Q16	20.92	20.76	20.70	22.00	
		HIGH	Q16	20.88	20.84	20.75	22.00	
100		LOW	Q16	21.24	21.00	20.88	22.00	
20		1	LOW	64QAM	20.72	20.85	20.38	22.00
			MID	64QAM	20.59	20.30	20.58	22.00
	HIGH		64QAM	20.57	20.28	20.28	22.00	
	50	LOW	64QAM	19.84	20.12	20.06	21.00	
		MID	64QAM	19.94	19.84	19.94	21.00	
		HIGH	64QAM	19.74	19.94	19.84	21.00	
	100	LOW	64QAM	19.90	19.98	19.82	21.00	

LTE B2-Level5&6 (sensor off)-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.87	23.03	22.41	24.00	
		MID	QPSK	23.02	23.05	22.71	24.00	
		HIGH	QPSK	22.69	23.11	22.49	24.00	
	3	LOW	QPSK	22.66	22.91	22.15	24.00	
		MID	QPSK	22.90	22.71	22.59	24.00	
		HIGH	QPSK	22.49	23.20	22.26	24.00	
	6	LOW	QPSK	21.72	22.09	21.89	23.00	
	1.4	1	LOW	Q16	22.20	22.23	21.86	23.00
			MID	Q16	22.63	22.17	22.35	23.00
HIGH			Q16	22.46	22.27	22.00	23.00	
3		LOW	Q16	21.82	22.01	21.68	23.00	
		MID	Q16	22.68	22.22	22.37	23.00	
		HIGH	Q16	22.32	22.27	22.02	23.00	
6		LOW	Q16	21.12	21.00	20.83	22.00	
1.4		1	LOW	64QAM	20.69	20.42	20.61	22.00
			MID	64QAM	20.88	20.71	20.48	22.00
	HIGH		64QAM	20.72	20.70	20.69	22.00	
	3	LOW	64QAM	20.53	20.40	20.61	22.00	
		MID	64QAM	20.56	20.65	20.42	22.00	
		HIGH	64QAM	20.72	20.35	20.69	22.00	
	6	LOW	64QAM	20.07	19.60	19.71	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	22.85	22.91	22.47	24.00
MID			QPSK	22.93	22.78	22.87	24.00	
HIGH			QPSK	22.92	23.02	22.38	24.00	
8		LOW	QPSK	22.06	21.84	21.76	23.00	
		MID	QPSK	22.06	22.15	21.60	23.00	
		HIGH	QPSK	22.02	21.73	21.67	23.00	
15		LOW	QPSK	21.96	22.16	21.60	23.00	
3		1	LOW	Q16	22.45	22.24	22.02	23.00
			MID	Q16	22.27	22.36	22.20	23.00
	HIGH		Q16	22.22	22.36	22.18	23.00	
	8	LOW	Q16	20.90	20.88	21.11	22.00	
		MID	Q16	21.10	20.80	20.83	22.00	
		HIGH	Q16	21.12	20.75	20.68	22.00	
	15	LOW	Q16	20.84	20.81	20.84	22.00	
	3	1	LOW	64QAM	20.69	20.71	20.68	22.00
			MID	64QAM	20.65	20.42	20.58	22.00
HIGH			64QAM	20.87	20.70	20.86	22.00	
8		LOW	64QAM	19.99	19.79	19.91	21.00	
		MID	64QAM	20.18	20.00	19.60	21.00	
		HIGH	64QAM	19.82	19.76	19.99	21.00	
15		LOW	64QAM	19.77	19.88	19.99	21.00	
Bandwidth (RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	22.94	22.87	22.52	24.00
	MID		QPSK	23.40	22.91	22.39	24.00	
	HIGH		QPSK	22.99	22.88	22.65	24.00	
	12	LOW	QPSK	22.20	21.80	21.83	23.00	
		MID	QPSK	22.07	22.13	21.86	23.00	
		HIGH	QPSK	21.69	21.89	21.91	23.00	
	25	LOW	QPSK	21.98	21.96	21.82	23.00	
	5	1	LOW	Q16	22.36	22.45	22.11	23.00
			MID	Q16	22.29	22.50	21.94	23.00
HIGH			Q16	22.57	22.56	22.18	23.00	
12		LOW	Q16	20.90	20.78	20.76	22.00	
		MID	Q16	20.91	20.93	20.81	22.00	
		HIGH	Q16	21.01	21.02	21.05	22.00	
25		LOW	Q16	21.28	20.87	20.96	22.00	
5		1	LOW	64QAM	20.83	20.83	20.39	22.00
			MID	64QAM	20.82	20.84	20.79	22.00
	HIGH		64QAM	20.66	20.54	20.66	22.00	
	12	LOW	64QAM	20.11	19.95	19.73	21.00	
		MID	64QAM	20.08	19.82	19.84	21.00	
		HIGH	64QAM	20.26	20.12	19.71	21.00	
	25	LOW	64QAM	19.87	19.86	19.75	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	22.85	22.82	22.43	24.00	
		MID	QPSK	23.09	23.24	22.86	24.00	
		HIGH	QPSK	22.74	22.95	22.29	24.00	
	25	LOW	QPSK	22.25	21.95	21.61	23.00	
		MID	QPSK	22.11	22.03	21.39	23.00	
		HIGH	QPSK	22.17	22.13	22.00	23.00	
	50	LOW	QPSK	22.07	22.09	21.62	23.00	
	10	1	LOW	Q16	22.14	22.57	22.08	23.00
			MID	Q16	22.56	22.39	21.92	23.00
HIGH			Q16	22.32	22.23	22.31	23.00	
25		LOW	Q16	20.92	21.20	21.12	22.00	
		MID	Q16	21.22	20.98	20.98	22.00	
		HIGH	Q16	21.18	21.04	20.57	22.00	
50		LOW	Q16	20.81	20.87	20.59	22.00	
10		1	LOW	64QAM	20.96	20.94	20.82	22.00
			MID	64QAM	21.03	20.63	20.54	22.00
	HIGH		64QAM	20.76	20.68	20.62	22.00	
	25	LOW	64QAM	19.83	19.95	19.95	21.00	
		MID	64QAM	19.82	19.98	19.62	21.00	
		HIGH	64QAM	20.06	19.90	19.83	21.00	
	50	LOW	64QAM	20.23	19.96	19.75	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	22.92	22.93	22.45	24.00
MID			QPSK	23.19	23.20	22.84	24.00	
HIGH			QPSK	22.68	22.88	22.66	24.00	
36		LOW	QPSK	21.91	21.82	21.61	23.00	
		MID	QPSK	22.22	21.80	21.84	23.00	
		HIGH	QPSK	22.35	22.09	21.87	23.00	
75		LOW	QPSK	21.92	22.00	21.43	23.00	
15		1	LOW	Q16	22.31	22.25	22.17	23.00
			MID	Q16	22.25	22.34	22.37	23.00
	HIGH		Q16	22.48	22.41	22.02	23.00	
	36	LOW	Q16	21.13	20.71	20.85	22.00	
		MID	Q16	21.03	20.89	21.07	22.00	
		HIGH	Q16	21.14	20.81	20.92	22.00	
	75	LOW	Q16	20.86	20.93	20.74	22.00	
	15	1	LOW	64QAM	20.81	20.61	20.63	22.00
			MID	64QAM	21.18	20.63	20.62	22.00
HIGH			64QAM	20.74	20.91	20.82	22.00	
36		LOW	64QAM	19.89	19.99	19.65	21.00	
		MID	64QAM	19.90	19.88	19.86	21.00	
		HIGH	64QAM	20.20	19.86	19.83	21.00	
75		LOW	64QAM	20.21	19.76	19.87	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	23.08	23.05	22.68	24.00
	MID		QPSK	23.21	23.10	22.84	24.00	
	HIGH		QPSK	23.04	23.04	22.72	24.00	
	50	LOW	QPSK	22.11	22.04	21.78	23.00	
		MID	QPSK	22.15	22.17	21.82	23.00	
		HIGH	QPSK	22.15	22.00	21.80	23.00	
	100	LOW	QPSK	22.09	22.09	21.82	23.00	
	20	1	LOW	Q16	22.49	22.45	22.13	23.00
			MID	Q16	22.61	22.50	22.32	23.00
HIGH			Q16	22.53	22.45	22.22	23.00	
50		LOW	Q16	21.09	21.03	20.97	22.00	
		MID	Q16	21.14	21.12	21.00	22.00	
		HIGH	Q16	21.16	20.98	20.99	22.00	
100		LOW	Q16	21.09	21.04	20.99	22.00	
20		1	LOW	64QAM	20.96	20.88	20.78	22.00
			MID	64QAM	21.01	20.84	20.83	22.00
	HIGH		64QAM	20.89	20.79	20.82	22.00	
	50	LOW	64QAM	20.07	20.07	19.99	21.00	
		MID	64QAM	20.12	20.10	19.96	21.00	
		HIGH	64QAM	20.16	20.00	20.05	21.00	
	100	LOW	64QAM	20.05	20.08	20.03	21.00	

LTE B2-Level5&6 (sensor on 2)-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.54	20.51	20.41	21.50	
		MID	QPSK	20.54	20.49	20.40	21.50	
		HIGH	QPSK	20.54	20.50	20.40	21.50	
	3	LOW	QPSK	20.60	20.56	20.42	21.50	
		MID	QPSK	20.62	20.50	20.44	21.50	
		HIGH	QPSK	20.61	20.50	20.45	21.50	
	6	LOW	QPSK	20.59	20.52	20.47	21.50	
	1.4	1	LOW	Q16	20.71	20.65	20.83	21.50
			MID	Q16	20.72	20.66	20.80	21.50
HIGH			Q16	20.72	20.64	20.82	21.50	
3		LOW	Q16	20.65	20.58	20.65	21.50	
		MID	Q16	20.66	20.55	20.62	21.50	
		HIGH	Q16	20.68	20.55	20.63	21.50	
6		LOW	Q16	20.77	20.66	20.32	21.50	
1.4		1	LOW	64QAM	20.23	20.29	20.37	21.50
			MID	64QAM	20.50	20.23	20.75	21.50
	HIGH		64QAM	20.48	20.43	20.24	21.50	
	3	LOW	64QAM	20.39	20.58	20.44	21.50	
		MID	64QAM	20.67	20.21	20.13	21.50	
		HIGH	64QAM	20.43	20.45	20.14	21.50	
	6	LOW	64QAM	19.69	19.74	19.79	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
	3	1	LOW	QPSK	20.51	20.47	20.40	21.50
MID			QPSK	20.45	20.46	20.43	21.50	
HIGH			QPSK	20.48	20.44	20.43	21.50	
8		LOW	QPSK	20.50	20.48	20.47	21.50	
		MID	QPSK	20.53	20.42	20.47	21.50	
		HIGH	QPSK	20.51	20.43	20.44	21.50	
15		LOW	QPSK	20.53	20.40	20.48	21.50	
3		1	LOW	Q16	20.44	20.88	20.49	21.50
			MID	Q16	20.42	20.85	20.46	21.50
	HIGH		Q16	20.43	20.89	20.45	21.50	
	8	LOW	Q16	20.67	20.58	20.53	21.50	
		MID	Q16	20.65	20.54	20.52	21.50	
		HIGH	Q16	20.64	20.50	20.49	21.50	
	15	LOW	Q16	20.57	20.47	20.44	21.50	
	3	1	LOW	64QAM	20.29	20.23	20.23	21.50
			MID	64QAM	20.52	20.39	20.51	21.50
HIGH			64QAM	20.46	20.64	20.10	21.50	
8		LOW	64QAM	19.89	19.55	19.69	21.00	
		MID	64QAM	19.90	20.08	19.58	21.00	
		HIGH	64QAM	19.96	19.50	19.65	21.00	
15		LOW	64QAM	19.65	19.88	19.71	21.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5		1	LOW	QPSK	20.63	20.53	20.46	21.50
	MID		QPSK	20.68	20.53	20.48	21.50	
	HIGH		QPSK	20.64	20.51	20.48	21.50	
	12	LOW	QPSK	20.55	20.50	20.52	21.50	
		MID	QPSK	20.54	20.45	20.50	21.50	
		HIGH	QPSK	20.50	20.45	20.40	21.50	
	25	LOW	QPSK	20.49	20.48	20.48	21.50	
	5	1	LOW	Q16	20.78	20.71	20.48	21.50
			MID	Q16	20.76	20.75	20.48	21.50
HIGH			Q16	20.78	20.73	20.46	21.50	
12		LOW	Q16	20.61	20.63	20.54	21.50	
		MID	Q16	20.59	20.59	20.53	21.50	
		HIGH	Q16	20.58	20.58	20.44	21.50	
25		LOW	Q16	20.58	20.55	20.47	21.50	
5		1	LOW	64QAM	20.43	20.49	20.29	21.50
			MID	64QAM	20.41	20.47	20.65	21.50
	HIGH		64QAM	20.48	20.43	20.02	21.50	
	12	LOW	64QAM	20.01	19.55	19.71	21.00	
		MID	64QAM	19.88	19.94	19.60	21.00	
		HIGH	64QAM	19.82	19.52	19.73	21.00	
	25	LOW	64QAM	19.59	19.74	19.81	21.00	

Bandwidth (	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.49	20.47	20.43	21.50	
		MID	QPSK	20.52	20.51	20.43	21.50	
		HIGH	QPSK	20.51	20.46	20.45	21.50	
	25	LOW	QPSK	20.55	20.54	20.42	21.50	
		MID	QPSK	20.55	20.49	20.41	21.50	
		HIGH	QPSK	20.57	20.49	20.40	21.50	
	50	LOW	QPSK	20.57	20.53	20.42	21.50	
	10	1	LOW	Q16	20.40	20.85	20.50	21.50
			MID	Q16	20.46	20.90	20.52	21.50
HIGH			Q16	20.44	20.85	20.48	21.50	
25		LOW	Q16	20.61	20.55	20.53	21.50	
		MID	Q16	20.60	20.53	20.54	21.50	
		HIGH	Q16	20.63	20.55	20.49	21.50	
50		LOW	Q16	20.60	20.56	20.45	21.50	
10		1	LOW	64QAM	20.33	20.33	20.45	21.50
			MID	64QAM	20.68	20.23	20.65	21.50
	HIGH		64QAM	20.73	20.41	20.12	21.50	
	25	LOW	64QAM	19.87	19.63	19.77	21.00	
		MID	64QAM	20.14	20.02	19.42	21.00	
		HIGH	64QAM	19.96	19.54	19.75	21.00	
	50	LOW	64QAM	19.49	19.70	19.67	21.00	
	Bandwidth (RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
	15	1	LOW	QPSK	20.43	20.42	20.30	21.50
MID			QPSK	20.48	20.44	20.37	21.50	
HIGH			QPSK	20.40	20.41	20.30	21.50	
36		LOW	QPSK	20.47	20.45	20.34	21.50	
		MID	QPSK	20.50	20.45	20.37	21.50	
		HIGH	QPSK	20.52	20.40	20.38	21.50	
75		LOW	QPSK	20.49	20.43	20.44	21.50	
15		1	LOW	Q16	20.38	20.56	20.53	21.50
			MID	Q16	20.45	20.56	20.58	21.50
	HIGH		Q16	20.38	20.51	20.49	21.50	
	36	LOW	Q16	20.51	20.52	20.35	21.50	
		MID	Q16	20.52	20.50	20.40	21.50	
		HIGH	Q16	20.56	20.48	20.36	21.50	
	75	LOW	Q16	20.53	20.48	20.41	21.50	
	15	1	LOW	64QAM	20.23	20.21	20.41	21.50
			MID	64QAM	20.39	20.31	20.46	21.50
HIGH			64QAM	20.71	20.58	20.02	21.50	
36		LOW	64QAM	19.93	19.51	19.91	21.00	
		MID	64QAM	20.10	20.06	19.48	21.00	
		HIGH	64QAM	19.96	19.50	19.65	21.00	
75		LOW	64QAM	19.63	19.86	19.65	21.00	
Bandwidth (RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20		1	LOW	QPSK	20.42	20.42	20.26	21.50
	MID		QPSK	20.58	20.53	20.36	21.50	
	HIGH		QPSK	20.46	20.40	20.31	21.50	
	50	LOW	QPSK	20.50	20.44	20.37	21.50	
		MID	QPSK	20.58	20.49	20.41	21.50	
		HIGH	QPSK	20.58	20.37	20.41	21.50	
	100	LOW	QPSK	20.49	20.43	20.42	21.50	
	20	1	LOW	Q16	20.65	20.52	20.43	21.50
			MID	Q16	20.72	20.58	20.57	21.50
HIGH			Q16	20.67	20.52	20.44	21.50	
50		LOW	Q16	20.55	20.45	20.33	21.50	
		MID	Q16	20.58	20.52	20.36	21.50	
		HIGH	Q16	20.61	20.37	20.35	21.50	
100		LOW	Q16	20.51	20.45	20.34	21.50	
20		1	LOW	64QAM	20.45	20.43	20.43	21.50
			MID	64QAM	20.62	20.37	20.65	21.50
	HIGH		64QAM	20.67	20.62	20.14	21.50	
	50	LOW	64QAM	19.95	19.67	19.83	21.00	
		MID	64QAM	20.06	19.98	19.56	21.00	
		HIGH	64QAM	19.88	19.68	19.79	21.00	
	100	LOW	64QAM	19.61	19.92	19.79	21.00	

8.3.2 LTE Band4 Output Power

LTE B4-Level1-Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)	
1.4	1	LOW	QPSK	16.93	17.04	16.84	18.20	
		MID	QPSK	17.01	17.04	17.29	18.20	
		HIGH	QPSK	16.84	17.15	17.07	18.20	
	3	LOW	QPSK	16.95	17.15	17.04	18.20	
		MID	QPSK	17.24	17.25	17.14	18.20	
		HIGH	QPSK	16.99	17.18	17.31	18.20	
	6	LOW	QPSK	17.09	17.14	17.18	18.20	
	1.4	1	LOW	Q16	16.73	17.02	16.79	18.20
			MID	Q16	16.89	17.06	17.08	18.20
HIGH			Q16	16.86	17.00	17.16	18.20	
3		LOW	Q16	16.80	17.01	17.04	18.20	
		MID	Q16	17.10	17.04	17.00	18.20	
		HIGH	Q16	16.89	17.13	17.12	18.20	
6		LOW	Q16	17.12	17.05	17.04	18.20	
1.4		1	LOW	64QAM	16.76	17.01	16.72	18.20
			MID	64QAM	16.81	16.90	17.26	18.20
	HIGH		64QAM	16.92	17.08	16.88	18.20	
	3	LOW	64QAM	16.90	17.10	16.85	18.20	
		MID	64QAM	17.07	17.25	17.09	18.20	
		HIGH	64QAM	16.82	16.97	17.29	18.20	
	6	LOW	64QAM	16.99	17.19	17.25	18.20	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
	3	1	LOW	QPSK	16.74	16.91	16.98	18.20
MID			QPSK	17.02	17.13	17.34	18.20	
HIGH			QPSK	16.98	17.06	17.09	18.20	
8		LOW	QPSK	16.84	17.06	17.11	18.20	
		MID	QPSK	17.01	17.32	16.88	18.20	
		HIGH	QPSK	17.28	17.13	17.13	18.20	
15		LOW	QPSK	16.97	17.30	16.82	18.20	
3		1	LOW	Q16	16.61	16.91	16.88	18.20
			MID	Q16	16.93	17.08	17.43	18.20
	HIGH		Q16	16.81	16.92	16.92	18.20	
	8	LOW	Q16	16.65	17.01	17.02	18.20	
		MID	Q16	17.10	17.27	16.81	18.20	
		HIGH	Q16	17.33	16.92	16.92	18.20	
	15	LOW	Q16	16.87	17.09	16.63	18.20	
	3	1	LOW	64QAM	16.76	16.74	16.98	18.20
			MID	64QAM	16.99	17.04	17.24	18.20
HIGH			64QAM	16.91	16.86	16.99	18.20	
8		LOW	64QAM	16.86	16.96	17.11	18.20	
		MID	64QAM	16.96	17.15	16.95	18.20	
		HIGH	64QAM	17.37	17.11	17.15	18.20	
15		LOW	64QAM	16.82	17.11	16.80	18.20	
Bandwidth (MHz)		RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5		1	LOW	QPSK	16.85	16.95	16.80	18.20
	MID		QPSK	16.92	16.82	17.18	18.20	
	HIGH		QPSK	17.00	16.85	17.10	18.20	
	12	LOW	QPSK	16.92	16.94	16.84	18.20	
		MID	QPSK	17.01	17.02	17.37	18.20	
		HIGH	QPSK	17.01	17.12	17.07	18.20	
	25	LOW	QPSK	16.89	16.92	17.26	18.20	
	5	1	LOW	Q16	16.68	16.88	16.67	18.20
			MID	Q16	16.89	16.67	17.04	18.20
HIGH			Q16	16.88	16.80	16.91	18.20	
12		LOW	Q16	16.78	17.01	16.74	18.20	
		MID	Q16	16.82	16.93	17.21	18.20	
		HIGH	Q16	17.01	17.14	17.00	18.20	
25		LOW	Q16	16.70	16.97	17.19	18.20	
5		1	LOW	64QAM	16.75	16.87	16.72	18.20
			MID	64QAM	16.78	16.84	17.13	18.20
	HIGH		64QAM	16.81	16.75	17.05	18.20	
	12	LOW	64QAM	16.84	17.02	16.84	18.20	
		MID	64QAM	16.96	16.88	17.44	18.20	
		HIGH	64QAM	17.04	17.12	17.14	18.20	
	25	LOW	64QAM	16.82	16.99	17.28	18.20	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	17.11	17.11	16.99	18.20
		MID	QPSK	17.27	17.04	17.09	18.20
		HIGH	QPSK	17.03	16.95	16.92	18.20
	25	LOW	QPSK	16.89	17.06	17.23	18.20
		MID	QPSK	17.35	17.24	17.23	18.20
		HIGH	QPSK	17.04	17.16	17.23	18.20
50	LOW	QPSK	17.14	17.19	17.14	18.20	
10	1	LOW	Q16	16.96	16.90	17.04	18.20
		MID	Q16	17.20	17.09	17.06	18.20
		HIGH	Q16	16.91	16.95	16.87	18.20
	25	LOW	Q16	16.92	17.08	17.21	18.20
		MID	Q16	17.26	17.27	17.09	18.20
		HIGH	Q16	17.01	16.95	17.20	18.20
50	LOW	Q16	16.97	17.16	17.19	18.20	
10	1	LOW	64QAM	17.13	17.16	17.07	18.20
		MID	64QAM	17.24	16.94	16.97	18.20
		HIGH	64QAM	16.93	16.97	16.80	18.20
	25	LOW	64QAM	16.75	16.91	17.13	18.20
		MID	64QAM	17.32	17.19	17.04	18.20
		HIGH	64QAM	17.07	17.23	17.18	18.20
50	LOW	64QAM	17.14	16.98	17.14	18.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	16.90	17.01	16.86	18.20
		MID	QPSK	17.05	17.03	17.24	18.20
		HIGH	QPSK	17.09	16.93	17.13	18.20
	36	LOW	QPSK	16.88	17.12	17.14	18.20
		MID	QPSK	17.00	17.22	17.24	18.20
		HIGH	QPSK	17.21	17.22	17.11	18.20
75	LOW	QPSK	17.04	17.20	17.16	18.20	
15	1	LOW	Q16	16.83	16.91	16.81	18.20
		MID	Q16	16.90	16.86	17.29	18.20
		HIGH	Q16	17.09	16.85	17.13	18.20
	36	LOW	Q16	16.78	16.95	17.09	18.20
		MID	Q16	17.05	17.29	17.07	18.20
		HIGH	Q16	17.23	17.31	17.16	18.20
75	LOW	Q16	16.85	17.22	17.02	18.20	
15	1	LOW	64QAM	16.87	16.82	16.67	18.20
		MID	64QAM	17.12	16.98	17.21	18.20
		HIGH	64QAM	17.09	16.73	17.10	18.20
	36	LOW	64QAM	16.85	16.97	17.19	18.20
		MID	64QAM	16.93	17.07	17.15	18.20
		HIGH	64QAM	17.04	17.10	17.09	18.20
75	LOW	64QAM	16.85	17.20	17.11	18.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	17.00	17.01	17.03	18.20
		MID	QPSK	17.08	17.13	17.24	18.20
		HIGH	QPSK	17.04	17.12	17.16	18.20
	50	LOW	QPSK	17.02	17.15	17.16	18.20
		MID	QPSK	17.21	17.20	17.24	18.20
		HIGH	QPSK	17.18	17.25	17.28	18.20
100	LOW	QPSK	17.16	17.17	17.21	18.20	
20	1	LOW	Q16	17.22	17.32	17.20	18.20
		MID	Q16	17.26	17.39	17.44	18.20
		HIGH	Q16	17.21	17.41	17.36	18.20
	50	LOW	Q16	16.98	17.16	17.16	18.20
		MID	Q16	17.14	17.21	17.25	18.20
		HIGH	Q16	17.11	17.25	17.32	18.20
100	LOW	Q16	17.15	17.19	17.19	18.20	
20	1	LOW	64QAM	17.17	17.37	17.22	18.20
		MID	64QAM	17.28	17.36	17.46	18.20
		HIGH	64QAM	17.19	17.44	17.34	18.20
	50	LOW	64QAM	16.93	17.13	17.14	18.20
		MID	64QAM	17.16	17.23	17.30	18.20
		HIGH	64QAM	17.11	17.22	17.35	18.20
100	LOW	64QAM	17.12	17.24	17.22	18.20	

LTE B4-Level2&3-Ant.3							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.56	15.54	15.50	16.20
		MID	QPSK	15.56	15.54	15.54	16.20
		HIGH	QPSK	15.58	15.53	15.50	16.20
	3	LOW	QPSK	15.63	15.53	15.56	16.20
		MID	QPSK	15.63	15.51	15.58	16.20
		HIGH	QPSK	15.62	15.49	15.59	16.20
6	LOW	QPSK	15.63	15.55	15.58	16.20	
1.4	1	LOW	Q16	15.73	15.94	15.56	16.20
		MID	Q16	15.75	15.91	15.56	16.20
		HIGH	Q16	15.77	15.90	15.59	16.20
	3	LOW	Q16	15.65	15.74	15.72	16.20
		MID	Q16	15.68	15.69	15.75	16.20
		HIGH	Q16	15.69	15.70	15.73	16.20
6	LOW	Q16	15.77	15.43	15.72	16.20	
1.4	1	LOW	64QAM	15.68	15.91	15.47	16.20
		MID	64QAM	15.73	15.89	15.48	16.20
		HIGH	64QAM	15.71	15.98	15.56	16.20
	3	LOW	64QAM	15.56	15.80	15.74	16.20
		MID	64QAM	15.59	15.69	15.70	16.20
		HIGH	64QAM	15.64	15.72	15.81	16.20
6	LOW	64QAM	15.68	15.51	15.64	16.20	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	15.66	15.50	15.46	16.20
		MID	QPSK	15.61	15.53	15.53	16.20
		HIGH	QPSK	15.60	15.50	15.53	16.20
	8	LOW	QPSK	15.63	15.53	15.54	16.20
		MID	QPSK	15.63	15.47	15.59	16.20
		HIGH	QPSK	15.64	15.50	15.50	16.20
15	LOW	QPSK	15.63	15.49	15.55	16.20	
3	1	LOW	Q16	15.56	15.86	15.56	16.20
		MID	Q16	15.56	15.90	15.54	16.20
		HIGH	Q16	15.53	15.90	15.54	16.20
	8	LOW	Q16	15.77	15.64	15.61	16.20
		MID	Q16	15.78	15.58	15.62	16.20
		HIGH	Q16	15.76	15.59	15.60	16.20
15	LOW	Q16	15.67	15.53	15.54	16.20	
3	1	LOW	64QAM	15.47	15.92	15.58	16.20
		MID	64QAM	15.61	15.90	15.59	16.20
		HIGH	64QAM	15.55	15.90	15.46	16.20
	8	LOW	64QAM	15.74	15.55	15.53	16.20
		MID	64QAM	15.73	15.56	15.62	16.20
		HIGH	64QAM	15.71	15.61	15.65	16.20
15	LOW	64QAM	15.70	15.55	15.62	16.20	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	15.79	15.55	15.54	16.20
		MID	QPSK	15.77	15.54	15.55	16.20
		HIGH	QPSK	15.77	15.57	15.57	16.20
	12	LOW	QPSK	15.62	15.58	15.53	16.20
		MID	QPSK	15.64	15.52	15.55	16.20
		HIGH	QPSK	15.68	15.52	15.54	16.20
25	LOW	QPSK	15.62	15.57	15.59	16.20	
5	1	LOW	Q16	15.97	15.78	15.59	16.20
		MID	Q16	15.94	15.79	15.61	16.20
		HIGH	Q16	15.93	15.77	15.63	16.20
	12	LOW	Q16	15.67	15.66	15.61	16.20
		MID	Q16	15.68	15.60	15.59	16.20
		HIGH	Q16	15.71	15.63	15.59	16.20
25	LOW	Q16	15.68	15.62	15.55	16.20	
5	1	LOW	64QAM	15.99	15.81	15.56	16.20
		MID	64QAM	16.02	15.82	15.63	16.20
		HIGH	64QAM	15.99	15.71	15.55	16.20
	12	LOW	64QAM	15.70	15.60	15.53	16.20
		MID	64QAM	15.66	15.60	15.67	16.20
		HIGH	64QAM	15.79	15.55	15.56	16.20
25	LOW	64QAM	15.76	15.64	15.46	16.20	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	15.60	15.45	15.44	16.20
		MID	QPSK	15.61	15.53	15.52	16.20
		HIGH	QPSK	15.53	15.53	15.53	16.20
	25	LOW	QPSK	15.54	15.50	15.53	16.20
		MID	QPSK	15.60	15.57	15.58	16.20
		HIGH	QPSK	15.64	15.53	15.58	16.20
50	LOW	QPSK	15.64	15.52	15.59	16.20	
10	1	LOW	Q16	15.51	15.81	15.45	16.20
		MID	Q16	15.51	15.87	15.51	16.20
		HIGH	Q16	15.46	15.89	15.54	16.20
	25	LOW	Q16	15.55	15.56	15.64	16.20
		MID	Q16	15.64	15.59	15.64	16.20
		HIGH	Q16	15.70	15.54	15.70	16.20
50	LOW	Q16	15.60	15.55	15.58	16.20	
10	1	LOW	64QAM	15.48	15.75	15.43	16.20
		MID	64QAM	15.53	15.81	15.46	16.20
		HIGH	64QAM	15.38	15.95	15.46	16.20
	25	LOW	64QAM	15.61	15.58	15.69	16.20
		MID	64QAM	15.66	15.65	15.62	16.20
		HIGH	64QAM	15.62	15.56	15.62	16.20
50	LOW	64QAM	15.58	15.58	15.63	16.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	15.54	15.40	15.40	16.20
		MID	QPSK	15.55	15.49	15.51	16.20
		HIGH	QPSK	15.38	15.45	15.51	16.20
	36	LOW	QPSK	15.45	15.48	15.44	16.20
		MID	QPSK	15.52	15.47	15.52	16.20
		HIGH	QPSK	15.49	15.46	15.55	16.20
75	LOW	QPSK	15.50	15.47	15.50	16.20	
15	1	LOW	Q16	15.43	15.78	15.83	16.20
		MID	Q16	15.48	15.85	15.90	16.20
		HIGH	Q16	15.34	15.80	15.91	16.20
	36	LOW	Q16	15.52	15.54	15.45	16.20
		MID	Q16	15.51	15.51	15.51	16.20
		HIGH	Q16	15.51	15.53	15.54	16.20
75	LOW	Q16	15.49	15.48	15.48	16.20	
15	1	LOW	64QAM	15.43	15.86	15.86	16.20
		MID	64QAM	15.46	15.85	15.84	16.20
		HIGH	64QAM	15.26	15.78	15.97	16.20
	36	LOW	64QAM	15.57	15.56	15.47	16.20
		MID	64QAM	15.43	15.51	15.54	16.20
		HIGH	64QAM	15.53	15.61	15.46	16.20
75	LOW	64QAM	15.43	15.56	15.51	16.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	15.51	15.39	15.37	16.20
		MID	QPSK	15.52	15.57	15.48	16.20
		HIGH	QPSK	15.48	15.52	15.46	16.20
	50	LOW	QPSK	15.46	15.53	15.47	16.20
		MID	QPSK	15.59	15.54	15.55	16.20
		HIGH	QPSK	15.55	15.53	15.59	16.20
100	LOW	QPSK	15.51	15.51	15.51	16.20	
20	1	LOW	Q16	15.79	15.73	15.75	16.20
		MID	Q16	15.76	15.94	15.90	16.20
		HIGH	Q16	15.73	15.92	15.89	16.20
	50	LOW	Q16	15.46	15.51	15.42	16.20
		MID	Q16	15.59	15.52	15.47	16.20
		HIGH	Q16	15.52	15.50	15.56	16.20
100	LOW	Q16	15.51	15.49	15.50	16.20	
20	1	LOW	64QAM	15.70	15.68	15.67	16.20
		MID	64QAM	15.78	15.84	15.82	16.20
		HIGH	64QAM	15.68	15.89	15.92	16.20
	50	LOW	64QAM	15.52	15.48	15.36	16.20
		MID	64QAM	15.65	15.49	15.53	16.20
		HIGH	64QAM	15.44	15.44	15.51	16.20
100	LOW	64QAM	15.57	15.41	15.44	16.20	

LTE B4-Level4-Ant.3							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.69	20.94	20.92	22.20
		MID	QPSK	20.82	21.92	21.02	22.20
		HIGH	QPSK	20.83	21.73	22.01	22.20
	3	LOW	QPSK	21.44	21.19	21.92	22.20
		MID	QPSK	21.52	21.17	21.98	22.20
		HIGH	QPSK	21.09	21.52	21.60	22.20
6	LOW	QPSK	21.19	22.06	21.45	22.20	
1.4	1	LOW	Q16	21.02	21.36	21.24	22.20
		MID	Q16	21.27	21.78	21.41	22.20
		HIGH	Q16	21.12	21.81	22.09	22.20
	3	LOW	Q16	21.47	20.97	22.00	22.20
		MID	Q16	21.49	21.32	21.86	22.20
		HIGH	Q16	21.35	21.81	21.92	22.20
6	LOW	Q16	19.87	20.15	20.05	21.20	
1.4	1	LOW	64QAM	19.96	19.56	19.99	21.20
		MID	64QAM	19.65	20.02	20.09	21.20
		HIGH	64QAM	19.64	20.02	20.04	21.20
	3	LOW	64QAM	19.80	20.29	20.10	21.20
		MID	64QAM	20.29	20.03	20.04	21.20
		HIGH	64QAM	20.06	20.06	20.25	21.20
6	LOW	64QAM	19.29	19.17	19.13	20.20	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.85	20.88	20.82	22.20
		MID	QPSK	20.70	21.69	21.17	22.20
		HIGH	QPSK	21.07	22.17	21.87	22.20
	8	LOW	QPSK	21.37	21.11	21.91	22.20
		MID	QPSK	21.41	21.15	21.96	22.20
		HIGH	QPSK	21.26	21.60	21.52	22.20
15	LOW	QPSK	20.99	22.06	21.63	22.20	
3	1	LOW	Q16	21.10	21.30	21.20	22.20
		MID	Q16	21.13	21.65	21.44	22.20
		HIGH	Q16	21.51	21.70	22.17	22.20
	8	LOW	Q16	20.94	20.81	21.27	21.20
		MID	Q16	21.69	21.26	21.85	21.20
		HIGH	Q16	21.67	21.41	20.98	21.20
15	LOW	Q16	21.13	21.59	21.34	21.20	
3	1	LOW	64QAM	20.13	20.15	20.31	21.20
		MID	64QAM	20.37	20.28	20.23	21.20
		HIGH	64QAM	20.35	20.44	20.21	21.20
	8	LOW	64QAM	18.92	19.08	19.07	20.20
		MID	64QAM	18.86	19.10	19.26	20.20
		HIGH	64QAM	19.12	19.11	19.16	20.20
15	LOW	64QAM	18.85	19.05	19.18	20.20	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.90	20.78	20.73	22.20
		MID	QPSK	21.05	21.66	20.76	22.20
		HIGH	QPSK	20.89	21.90	21.94	22.20
	12	LOW	QPSK	21.53	21.10	21.76	22.20
		MID	QPSK	21.50	20.84	21.72	22.20
		HIGH	QPSK	21.28	21.43	21.36	22.20
25	LOW	QPSK	21.31	21.83	21.71	22.20	
5	1	LOW	Q16	21.18	21.20	21.05	22.20
		MID	Q16	21.19	21.27	21.05	22.20
		HIGH	Q16	21.30	21.54	22.17	22.20
	12	LOW	Q16	20.90	20.83	21.20	21.20
		MID	Q16	21.35	21.15	21.87	21.20
		HIGH	Q16	21.46	21.16	20.55	21.20
25	LOW	Q16	21.35	21.75	21.57	21.20	
5	1	LOW	64QAM	19.97	20.15	19.73	21.20
		MID	64QAM	20.05	20.04	19.87	21.20
		HIGH	64QAM	20.05	19.98	20.43	21.20
	12	LOW	64QAM	18.88	18.72	18.79	20.20
		MID	64QAM	19.04	18.82	19.04	20.20
		HIGH	64QAM	18.84	19.01	18.71	20.20
25	LOW	64QAM	19.06	18.86	18.71	20.20	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.10	20.72	20.80	22.20
		MID	QPSK	20.90	21.75	20.88	22.20
		HIGH	QPSK	20.79	21.90	21.83	22.20
	25	LOW	QPSK	21.33	21.07	21.54	22.20
		MID	QPSK	21.48	20.74	21.94	22.20
		HIGH	QPSK	21.13	21.46	21.49	22.20
50	LOW	QPSK	20.93	21.83	21.69	22.20	
10	1	LOW	Q16	21.47	20.99	20.94	22.20
		MID	Q16	21.15	21.69	21.20	22.20
		HIGH	Q16	21.26	21.41	22.12	22.20
	25	LOW	Q16	21.13	21.15	21.07	21.20
		MID	Q16	21.57	21.21	21.87	21.20
		HIGH	Q16	21.50	20.91	21.12	21.20
50	LOW	Q16	20.90	21.66	21.47	21.20	
10	1	LOW	64QAM	20.27	20.15	19.67	21.20
		MID	64QAM	20.03	20.08	20.17	21.20
		HIGH	64QAM	20.33	20.16	20.35	21.20
	25	LOW	64QAM	18.75	18.67	18.68	20.20
		MID	64QAM	18.86	19.15	18.99	20.20
		HIGH	64QAM	19.24	19.30	18.92	20.20
50	LOW	64QAM	19.23	18.88	18.99	20.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.73	20.66	20.98	22.20
		MID	QPSK	20.99	21.57	21.01	22.20
		HIGH	QPSK	20.64	22.09	22.01	22.20
	36	LOW	QPSK	21.18	20.80	21.80	22.20
		MID	QPSK	21.26	20.96	21.59	22.20
		HIGH	QPSK	21.32	21.45	21.51	22.20
75	LOW	QPSK	21.14	21.66	21.56	22.20	
15	1	LOW	Q16	21.04	21.16	21.14	22.20
		MID	Q16	21.23	21.57	21.12	22.20
		HIGH	Q16	21.14	21.41	22.14	22.20
	36	LOW	Q16	21.24	20.97	21.37	21.20
		MID	Q16	21.73	21.40	21.67	21.20
		HIGH	Q16	21.56	21.01	20.78	21.20
75	LOW	Q16	21.26	21.41	21.85	21.20	
15	1	LOW	64QAM	20.15	19.91	19.95	21.20
		MID	64QAM	20.25	20.24	20.23	21.20
		HIGH	64QAM	19.93	20.10	20.21	21.20
	36	LOW	64QAM	18.52	18.74	19.04	20.20
		MID	64QAM	19.23	18.99	18.83	20.20
		HIGH	64QAM	18.84	19.16	19.01	20.20
75	LOW	64QAM	19.17	18.87	19.11	20.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.02	20.96	21.05	22.20
		MID	QPSK	20.99	21.97	21.21	22.20
		HIGH	QPSK	21.10	22.15	22.14	22.20
	50	LOW	QPSK	21.57	21.19	22.05	22.20
		MID	QPSK	21.52	21.23	22.07	22.20
		HIGH	QPSK	21.28	21.76	21.91	22.20
100	LOW	QPSK	21.29	21.99	21.91	22.20	
20	1	LOW	Q16	21.21	21.21	21.25	22.20
		MID	Q16	21.27	21.80	21.55	22.20
		HIGH	Q16	21.23	21.70	22.59	22.20
	50	LOW	Q16	21.50	21.41	21.46	21.20
		MID	Q16	21.97	21.65	22.16	21.20
		HIGH	Q16	21.62	21.30	21.19	21.20
100	LOW	Q16	21.55	22.01	21.91	21.20	
20	1	LOW	64QAM	20.25	20.29	20.23	21.20
		MID	64QAM	20.31	20.36	20.45	21.20
		HIGH	64QAM	20.29	20.44	20.45	21.20
	50	LOW	64QAM	18.94	19.15	19.16	20.20
		MID	64QAM	19.11	19.27	19.30	20.20
		HIGH	64QAM	19.12	19.36	19.27	20.20
100	LOW	64QAM	19.19	19.19	19.25	20.20	

LTE B4-Level5&6-Ant.3							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	19.75	19.78	19.89	21.20
		MID	QPSK	20.07	19.88	20.20	21.20
		HIGH	QPSK	19.57	19.65	20.16	21.20
	3	LOW	QPSK	20.08	20.21	19.91	21.20
		MID	QPSK	20.20	20.05	19.78	21.20
		HIGH	QPSK	19.86	19.67	20.09	21.20
6	LOW	QPSK	20.00	19.55	19.75	21.20	
1.4	1	LOW	Q16	19.63	19.92	19.91	21.20
		MID	Q16	19.95	19.70	20.18	21.20
		HIGH	Q16	19.49	19.35	19.92	21.20
	3	LOW	Q16	19.81	20.05	19.86	21.20
		MID	Q16	20.12	19.90	20.02	21.20
		HIGH	Q16	19.96	20.10	20.08	21.20
6	LOW	Q16	19.99	19.84	19.80	21.20	
1.4	1	LOW	64QAM	19.80	19.87	20.00	21.20
		MID	64QAM	20.13	20.29	20.07	21.20
		HIGH	64QAM	20.04	19.87	20.14	21.20
	3	LOW	64QAM	19.91	19.85	19.90	21.20
		MID	64QAM	20.02	20.36	19.98	21.20
		HIGH	64QAM	20.14	20.08	20.06	21.20
6	LOW	64QAM	19.05	19.16	18.94	20.20	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	19.99	19.88	19.79	21.20
		MID	QPSK	19.97	19.92	20.04	21.20
		HIGH	QPSK	19.85	19.97	20.00	21.20
	8	LOW	QPSK	19.74	19.75	19.65	21.20
		MID	QPSK	19.86	19.87	19.92	21.20
		HIGH	QPSK	19.84	20.01	20.01	21.20
15	LOW	QPSK	19.56	19.95	20.05	21.20	
3	1	LOW	Q16	19.83	20.00	19.79	21.20
		MID	Q16	19.83	20.00	20.10	21.20
		HIGH	Q16	19.81	20.09	20.08	21.20
	8	LOW	Q16	19.93	20.01	20.14	21.20
		MID	Q16	19.94	20.12	20.12	21.20
		HIGH	Q16	20.02	20.36	20.12	21.20
15	LOW	Q16	19.93	19.92	20.04	21.20	
3	1	LOW	64QAM	19.80	20.15	20.14	21.20
		MID	64QAM	20.23	20.13	20.41	21.20
		HIGH	64QAM	19.62	20.15	19.98	21.20
	8	LOW	64QAM	19.01	19.07	19.00	20.20
		MID	64QAM	19.06	19.18	19.18	20.20
		HIGH	64QAM	19.04	19.03	19.28	20.20
15	LOW	64QAM	18.97	19.04	19.12	20.20	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.68	19.69	21.20
		MID	QPSK	19.59	19.96	19.88	21.20
		HIGH	QPSK	19.57	19.73	20.04	21.20
	12	LOW	QPSK	19.64	19.91	19.71	21.20
		MID	QPSK	19.88	20.09	19.86	21.20
		HIGH	QPSK	19.62	19.83	19.97	21.20
25	LOW	QPSK	19.74	19.95	19.75	21.20	
5	1	LOW	Q16	19.97	19.24	19.49	21.20
		MID	Q16	19.63	19.76	19.76	21.20
		HIGH	Q16	19.26	19.55	19.72	21.20
	12	LOW	Q16	19.93	20.05	19.76	21.20
		MID	Q16	19.82	20.10	20.04	21.20
		HIGH	Q16	19.84	19.98	20.30	21.20
25	LOW	Q16	19.85	19.76	20.10	21.20	
5	1	LOW	64QAM	19.66	20.11	19.92	21.20
		MID	64QAM	19.83	19.97	20.11	21.20
		HIGH	64QAM	19.82	19.79	19.90	21.20
	12	LOW	64QAM	18.99	19.21	19.00	20.20
		MID	64QAM	18.98	19.32	19.24	20.20
		HIGH	64QAM	19.14	19.04	19.03	20.20
25	LOW	64QAM	19.15	19.06	19.04	20.20	

Bandwidth (	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.03	19.78	19.87	21.20	
		MID	QPSK	19.67	20.16	20.02	21.20	
		HIGH	QPSK	19.65	19.93	20.20	21.20	
	25	LOW	QPSK	19.54	19.77	19.89	21.20	
		MID	QPSK	20.02	20.03	19.94	21.20	
		HIGH	QPSK	19.94	19.81	19.99	21.20	
	50	LOW	QPSK	19.82	19.75	20.23	21.20	
	10	1	LOW	Q16	19.69	19.78	19.53	21.20
			MID	Q16	19.51	20.06	19.82	21.20
HIGH			Q16	19.69	19.89	19.80	21.20	
25		LOW	Q16	19.79	20.03	20.04	21.20	
		MID	Q16	20.00	20.28	20.06	21.20	
		HIGH	Q16	19.86	20.02	20.06	21.20	
50		LOW	Q16	19.97	19.92	20.02	21.20	
10		1	LOW	64QAM	20.18	20.13	20.08	21.20
			MID	64QAM	19.97	19.89	20.05	21.20
	HIGH		64QAM	19.94	20.25	19.74	21.20	
	25	LOW	64QAM	19.01	19.13	19.10	20.20	
		MID	64QAM	18.96	19.18	19.06	20.20	
		HIGH	64QAM	18.91	19.16	19.22	20.20	
	50	LOW	64QAM	19.09	19.26	19.20	20.20	
	Bandwidth (RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
	15	1	LOW	QPSK	19.99	19.84	20.03	21.20
MID			QPSK	20.13	20.18	20.04	21.20	
HIGH			QPSK	20.05	20.21	20.14	21.20	
36		LOW	QPSK	19.96	19.95	20.05	21.20	
		MID	QPSK	20.10	20.25	20.18	21.20	
		HIGH	QPSK	20.18	20.05	20.27	21.20	
75		LOW	QPSK	20.08	19.93	20.09	21.20	
15		1	LOW	Q16	19.79	19.60	19.99	21.20
			MID	Q16	20.03	20.04	20.04	21.20
	HIGH		Q16	19.91	20.09	19.90	21.20	
	36	LOW	Q16	19.89	20.15	20.08	21.20	
		MID	Q16	20.04	20.12	20.34	21.20	
		HIGH	Q16	20.04	20.26	20.36	21.20	
	75	LOW	Q16	19.97	20.00	20.04	21.20	
	15	1	LOW	64QAM	20.06	20.09	20.24	21.20
			MID	64QAM	20.19	20.39	20.47	21.20
HIGH			64QAM	20.06	20.23	20.18	21.20	
36		LOW	64QAM	18.91	19.09	19.12	20.20	
		MID	64QAM	19.08	19.24	19.26	20.20	
		HIGH	64QAM	19.10	19.28	19.14	20.20	
75		LOW	64QAM	19.01	19.16	19.10	20.20	
Bandwidth (RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20		1	LOW	QPSK	20.01	20.12	20.07	21.20
	MID		QPSK	20.11	20.26	20.28	21.20	
	HIGH		QPSK	20.07	20.29	20.24	21.20	
	50	LOW	QPSK	20.02	20.17	20.13	21.20	
		MID	QPSK	20.20	20.19	20.24	21.20	
		HIGH	QPSK	20.28	20.25	20.27	21.20	
	100	LOW	QPSK	20.12	20.17	20.21	21.20	
	20	1	LOW	Q16	20.20	20.31	20.24	21.20
			MID	Q16	20.27	20.37	20.45	21.20
HIGH			Q16	20.22	20.37	20.38	21.20	
50		LOW	Q16	20.01	20.19	20.16	21.20	
		MID	Q16	20.16	20.24	20.26	21.20	
		HIGH	Q16	20.12	20.28	20.26	21.20	
100		LOW	Q16	20.13	20.20	20.20	21.20	
20		1	LOW	64QAM	20.16	20.27	20.20	21.20
			MID	64QAM	20.33	20.33	20.41	21.20
	HIGH		64QAM	20.20	20.39	20.34	21.20	
	50	LOW	64QAM	19.01	19.15	19.14	20.20	
		MID	64QAM	19.16	19.30	19.24	20.20	
		HIGH	64QAM	19.16	19.26	19.22	20.20	
	100	LOW	64QAM	19.11	19.16	19.20	20.20	

LTE B4-Level1-Ant.4							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.51	22.57	24.00
		MID	QPSK	22.63	22.65	22.93	24.00
		HIGH	QPSK	22.64	22.80	22.79	24.00
	3	LOW	QPSK	22.57	22.45	22.71	24.00
		MID	QPSK	22.49	22.74	22.95	24.00
		HIGH	QPSK	22.72	22.84	22.90	24.00
6	LOW	QPSK	21.78	21.74	21.54	23.00	
1.4	1	LOW	Q16	22.34	22.52	22.53	23.00
		MID	Q16	22.68	22.52	22.87	23.00
		HIGH	Q16	22.44	23.00	22.97	23.00
	3	LOW	Q16	22.40	22.41	22.43	23.00
		MID	Q16	22.63	22.37	22.70	23.00
		HIGH	Q16	22.42	22.64	22.66	23.00
6	LOW	Q16	20.75	20.59	20.66	22.00	
1.4	1	LOW	64QAM	21.11	21.37	20.90	22.00
		MID	64QAM	21.20	21.31	21.45	22.00
		HIGH	64QAM	21.08	21.37	21.15	22.00
	3	LOW	64QAM	21.26	21.18	21.11	22.00
		MID	64QAM	21.01	21.35	21.24	22.00
		HIGH	64QAM	21.09	21.45	21.33	22.00
6	LOW	64QAM	19.88	19.86	19.81	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.63	22.38	22.64	24.00
		MID	QPSK	22.45	22.45	22.76	24.00
		HIGH	QPSK	22.74	22.53	22.56	24.00
	8	LOW	QPSK	21.56	21.81	21.62	23.00
		MID	QPSK	21.45	21.71	21.91	23.00
		HIGH	QPSK	21.73	21.84	22.04	23.00
15	LOW	QPSK	21.49	21.73	22.10	23.00	
3	1	LOW	Q16	22.65	22.29	22.66	23.00
		MID	Q16	22.27	22.52	22.53	23.00
		HIGH	Q16	22.62	22.58	22.73	23.00
	8	LOW	Q16	20.55	20.77	20.72	22.00
		MID	Q16	20.93	20.67	21.20	22.00
		HIGH	Q16	20.69	21.01	20.79	22.00
15	LOW	Q16	20.53	20.88	20.79	22.00	
3	1	LOW	64QAM	21.09	21.00	21.28	22.00
		MID	64QAM	20.83	21.15	21.14	22.00
		HIGH	64QAM	20.88	21.20	21.26	22.00
	8	LOW	64QAM	19.71	19.88	19.93	21.00
		MID	64QAM	20.07	19.95	19.89	21.00
		HIGH	64QAM	19.70	20.12	20.05	21.00
15	LOW	64QAM	19.64	19.88	19.69	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.31	22.67	24.00
		MID	QPSK	22.84	22.56	22.90	24.00
		HIGH	QPSK	22.82	22.87	22.72	24.00
	12	LOW	QPSK	21.59	21.80	21.69	23.00
		MID	QPSK	21.52	21.84	21.86	23.00
		HIGH	QPSK	21.71	21.69	22.05	23.00
25	LOW	QPSK	21.87	21.97	21.66	23.00	
5	1	LOW	Q16	22.63	22.42	22.69	23.00
		MID	Q16	22.70	22.56	22.95	23.00
		HIGH	Q16	22.68	22.89	22.45	23.00
	12	LOW	Q16	20.67	20.92	20.83	22.00
		MID	Q16	20.92	21.01	21.18	22.00
		HIGH	Q16	20.90	20.89	21.15	22.00
25	LOW	Q16	20.77	20.98	20.82	22.00	
5	1	LOW	64QAM	20.92	21.35	21.17	22.00
		MID	64QAM	21.20	21.23	21.22	22.00
		HIGH	64QAM	20.95	21.22	21.07	22.00
	12	LOW	64QAM	19.63	19.82	19.87	21.00
		MID	64QAM	19.87	19.93	19.89	21.00
		HIGH	64QAM	19.92	20.16	20.07	21.00
25	LOW	64QAM	19.76	20.00	19.83	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.65	22.94	24.00
		MID	QPSK	22.54	22.93	23.19	24.00
		HIGH	QPSK	22.74	22.80	22.90	24.00
	25	LOW	QPSK	21.45	22.07	21.52	23.00
		MID	QPSK	21.72	21.99	21.94	23.00
		HIGH	QPSK	21.75	21.62	21.90	23.00
50	LOW	QPSK	21.87	22.04	21.84	23.00	
10	1	LOW	Q16	22.77	22.54	22.69	23.00
		MID	Q16	22.47	22.79	23.24	23.00
		HIGH	Q16	22.74	22.91	22.81	23.00
	25	LOW	Q16	20.67	20.95	21.03	22.00
		MID	Q16	20.93	20.95	21.03	22.00
		HIGH	Q16	20.88	21.17	20.88	22.00
50	LOW	Q16	20.48	20.54	20.78	22.00	
10	1	LOW	64QAM	21.20	21.17	21.11	22.00
		MID	64QAM	21.31	21.20	20.99	22.00
		HIGH	64QAM	20.82	21.10	21.24	22.00
	25	LOW	64QAM	19.77	19.96	20.05	21.00
		MID	64QAM	19.89	19.87	20.01	21.00
		HIGH	64QAM	19.80	20.16	20.19	21.00
50	LOW	64QAM	19.82	20.00	19.97	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.76	22.60	24.00
		MID	QPSK	22.63	22.74	22.95	24.00
		HIGH	QPSK	22.83	23.00	22.92	24.00
	36	LOW	QPSK	21.61	21.83	21.73	23.00
		MID	QPSK	21.76	21.76	21.83	23.00
		HIGH	QPSK	21.89	21.95	21.83	23.00
75	LOW	QPSK	21.91	21.91	21.83	23.00	
15	1	LOW	Q16	22.72	22.65	22.33	23.00
		MID	Q16	22.45	22.54	22.93	23.00
		HIGH	Q16	22.65	22.82	23.03	23.00
	36	LOW	Q16	20.77	21.06	20.84	22.00
		MID	Q16	20.87	20.99	20.92	22.00
		HIGH	Q16	20.98	21.06	21.13	22.00
75	LOW	Q16	20.92	20.77	20.97	22.00	
15	1	LOW	64QAM	21.20	21.27	21.17	22.00
		MID	64QAM	21.34	21.40	21.46	22.00
		HIGH	64QAM	21.16	21.35	21.20	22.00
	36	LOW	64QAM	19.63	20.08	19.95	21.00
		MID	64QAM	19.99	19.91	20.03	21.00
		HIGH	64QAM	19.88	20.16	20.19	21.00
75	LOW	64QAM	19.84	19.92	19.91	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	22.81	22.87	24.00
		MID	QPSK	22.86	22.95	23.09	24.00
		HIGH	QPSK	22.85	22.98	23.04	24.00
	50	LOW	QPSK	21.78	21.96	21.91	23.00
		MID	QPSK	21.96	22.02	22.05	23.00
		HIGH	QPSK	21.93	22.16	22.10	23.00
100	LOW	QPSK	21.91	21.93	22.03	23.00	
20	1	LOW	Q16	22.28	22.44	22.30	23.00
		MID	Q16	22.36	22.50	22.48	23.00
		HIGH	Q16	22.31	22.52	22.45	23.00
	50	LOW	Q16	20.71	21.02	20.97	22.00
		MID	Q16	20.93	21.05	21.05	22.00
		HIGH	Q16	20.90	21.08	21.11	22.00
100	LOW	Q16	20.88	21.00	21.01	22.00	
20	1	LOW	64QAM	21.35	21.44	21.32	22.00
		MID	64QAM	21.38	21.55	21.48	22.00
		HIGH	64QAM	21.24	21.50	21.41	22.00
	50	LOW	64QAM	19.69	20.02	20.01	21.00
		MID	64QAM	19.93	20.03	20.03	21.00
		HIGH	64QAM	19.84	20.12	20.15	21.00
100	LOW	64QAM	19.86	19.96	19.95	21.00	

LTE B4-Level2&3-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.51	22.57	24.00
		MID	QPSK	22.63	22.65	22.93	24.00
		HIGH	QPSK	22.64	22.80	22.79	24.00
	3	LOW	QPSK	22.57	22.45	22.71	24.00
		MID	QPSK	22.49	22.74	22.95	24.00
		HIGH	QPSK	22.72	22.84	22.90	24.00
6	LOW	QPSK	21.78	21.74	21.54	23.00	
1.4	1	LOW	Q16	22.34	22.52	22.53	23.00
		MID	Q16	22.68	22.52	22.87	23.00
		HIGH	Q16	22.44	23.00	22.97	23.00
	3	LOW	Q16	22.40	22.41	22.43	23.00
		MID	Q16	22.63	22.37	22.70	23.00
		HIGH	Q16	22.42	22.64	22.66	23.00
6	LOW	Q16	20.75	20.59	20.66	22.00	
1.4	1	LOW	64QAM	21.11	21.37	20.90	22.00
		MID	64QAM	21.20	21.31	21.45	22.00
		HIGH	64QAM	21.08	21.37	21.15	22.00
	3	LOW	64QAM	21.26	21.18	21.11	22.00
		MID	64QAM	21.01	21.35	21.24	22.00
		HIGH	64QAM	21.09	21.45	21.33	22.00
6	LOW	64QAM	19.88	19.86	19.81	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.63	22.38	22.64	24.00
		MID	QPSK	22.45	22.45	22.76	24.00
		HIGH	QPSK	22.74	22.53	22.56	24.00
	8	LOW	QPSK	21.56	21.81	21.62	23.00
		MID	QPSK	21.45	21.71	21.91	23.00
		HIGH	QPSK	21.73	21.84	22.04	23.00
15	LOW	QPSK	21.49	21.73	22.10	23.00	
3	1	LOW	Q16	22.65	22.29	22.66	23.00
		MID	Q16	22.27	22.52	22.53	23.00
		HIGH	Q16	22.62	22.58	22.73	23.00
	8	LOW	Q16	20.55	20.77	20.72	22.00
		MID	Q16	20.93	20.67	21.20	22.00
		HIGH	Q16	20.69	21.01	20.79	22.00
15	LOW	Q16	20.53	20.88	20.79	22.00	
3	1	LOW	64QAM	21.09	21.00	21.28	22.00
		MID	64QAM	20.83	21.15	21.14	22.00
		HIGH	64QAM	20.88	21.20	21.26	22.00
	8	LOW	64QAM	19.71	19.88	19.93	21.00
		MID	64QAM	20.07	19.95	19.89	21.00
		HIGH	64QAM	19.70	20.12	20.05	21.00
15	LOW	64QAM	19.64	19.88	19.69	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.31	22.67	24.00
		MID	QPSK	22.84	22.56	22.90	24.00
		HIGH	QPSK	22.82	22.87	22.72	24.00
	12	LOW	QPSK	21.59	21.80	21.69	23.00
		MID	QPSK	21.52	21.84	21.86	23.00
		HIGH	QPSK	21.71	21.69	22.05	23.00
25	LOW	QPSK	21.87	21.97	21.66	23.00	
5	1	LOW	Q16	22.63	22.42	22.69	23.00
		MID	Q16	22.70	22.56	22.95	23.00
		HIGH	Q16	22.68	22.89	22.45	23.00
	12	LOW	Q16	20.67	20.92	20.83	22.00
		MID	Q16	20.92	21.01	21.18	22.00
		HIGH	Q16	20.90	20.89	21.15	22.00
25	LOW	Q16	20.77	20.98	20.82	22.00	
5	1	LOW	64QAM	20.92	21.35	21.17	22.00
		MID	64QAM	21.20	21.23	21.22	22.00
		HIGH	64QAM	20.95	21.22	21.07	22.00
	12	LOW	64QAM	19.63	19.82	19.87	21.00
		MID	64QAM	19.87	19.93	19.89	21.00
		HIGH	64QAM	19.92	20.16	20.07	21.00
25	LOW	64QAM	19.76	20.00	19.83	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.65	22.94	24.00
		MID	QPSK	22.54	22.93	23.19	24.00
		HIGH	QPSK	22.74	22.80	22.90	24.00
	25	LOW	QPSK	21.45	22.07	21.52	23.00
		MID	QPSK	21.72	21.99	21.94	23.00
		HIGH	QPSK	21.75	21.62	21.90	23.00
50	LOW	QPSK	21.87	22.04	21.84	23.00	
10	1	LOW	Q16	22.77	22.54	22.69	23.00
		MID	Q16	22.47	22.79	23.24	23.00
		HIGH	Q16	22.74	22.91	22.81	23.00
	25	LOW	Q16	20.67	20.95	21.03	22.00
		MID	Q16	20.93	20.95	21.03	22.00
		HIGH	Q16	20.88	21.17	20.88	22.00
50	LOW	Q16	20.48	20.54	20.78	22.00	
10	1	LOW	64QAM	21.20	21.17	21.11	22.00
		MID	64QAM	21.31	21.20	20.99	22.00
		HIGH	64QAM	20.82	21.10	21.24	22.00
	25	LOW	64QAM	19.77	19.96	20.05	21.00
		MID	64QAM	19.89	19.87	20.01	21.00
		HIGH	64QAM	19.80	20.16	20.19	21.00
50	LOW	64QAM	19.82	20.00	19.97	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.76	22.60	24.00
		MID	QPSK	22.63	22.74	22.95	24.00
		HIGH	QPSK	22.83	23.00	22.92	24.00
	36	LOW	QPSK	21.61	21.83	21.73	23.00
		MID	QPSK	21.76	21.76	21.83	23.00
		HIGH	QPSK	21.89	21.95	21.83	23.00
75	LOW	QPSK	21.91	21.91	21.83	23.00	
15	1	LOW	Q16	22.72	22.65	22.33	23.00
		MID	Q16	22.45	22.54	22.93	23.00
		HIGH	Q16	22.65	22.82	23.03	23.00
	36	LOW	Q16	20.77	21.06	20.84	22.00
		MID	Q16	20.87	20.99	20.92	22.00
		HIGH	Q16	20.98	21.06	21.13	22.00
75	LOW	Q16	20.92	20.77	20.97	22.00	
15	1	LOW	64QAM	21.20	21.27	21.17	22.00
		MID	64QAM	21.34	21.40	21.46	22.00
		HIGH	64QAM	21.16	21.35	21.20	22.00
	36	LOW	64QAM	19.63	20.08	19.95	21.00
		MID	64QAM	19.99	19.91	20.03	21.00
		HIGH	64QAM	19.88	20.16	20.19	21.00
75	LOW	64QAM	19.84	19.92	19.91	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	22.81	22.87	24.00
		MID	QPSK	22.86	22.95	23.09	24.00
		HIGH	QPSK	22.85	22.98	23.04	24.00
	50	LOW	QPSK	21.78	21.96	21.91	23.00
		MID	QPSK	21.96	22.02	22.05	23.00
		HIGH	QPSK	21.93	22.16	22.10	23.00
100	LOW	QPSK	21.91	21.93	22.03	23.00	
20	1	LOW	Q16	22.28	22.44	22.30	23.00
		MID	Q16	22.36	22.50	22.48	23.00
		HIGH	Q16	22.31	22.52	22.45	23.00
	50	LOW	Q16	20.71	21.02	20.97	22.00
		MID	Q16	20.93	21.05	21.05	22.00
		HIGH	Q16	20.90	21.08	21.11	22.00
100	LOW	Q16	20.88	21.00	21.01	22.00	
20	1	LOW	64QAM	21.35	21.44	21.32	22.00
		MID	64QAM	21.38	21.55	21.48	22.00
		HIGH	64QAM	21.24	21.50	21.41	22.00
	50	LOW	64QAM	19.69	20.02	20.01	21.00
		MID	64QAM	19.93	20.03	20.03	21.00
		HIGH	64QAM	19.84	20.12	20.15	21.00
100	LOW	64QAM	19.86	19.96	19.95	21.00	

LTE B4-Level4 (sensor off)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.51	22.57	24.00
		MID	QPSK	22.63	22.65	22.93	24.00
		HIGH	QPSK	22.64	22.80	22.79	24.00
	3	LOW	QPSK	22.57	22.45	22.71	24.00
		MID	QPSK	22.49	22.74	22.95	24.00
		HIGH	QPSK	22.72	22.84	22.90	24.00
6	LOW	QPSK	21.78	21.74	21.54	23.00	
1.4	1	LOW	Q16	22.34	22.52	22.53	23.00
		MID	Q16	22.68	22.52	22.87	23.00
		HIGH	Q16	22.44	23.00	22.97	23.00
	3	LOW	Q16	22.40	22.41	22.43	23.00
		MID	Q16	22.63	22.37	22.70	23.00
		HIGH	Q16	22.42	22.64	22.66	23.00
6	LOW	Q16	20.75	20.59	20.66	22.00	
1.4	1	LOW	64QAM	21.11	21.37	20.90	22.00
		MID	64QAM	21.20	21.31	21.45	22.00
		HIGH	64QAM	21.08	21.37	21.15	22.00
	3	LOW	64QAM	21.26	21.18	21.11	22.00
		MID	64QAM	21.01	21.35	21.24	22.00
		HIGH	64QAM	21.09	21.45	21.33	22.00
6	LOW	64QAM	19.88	19.86	19.81	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.63	22.38	22.64	24.00
		MID	QPSK	22.45	22.45	22.76	24.00
		HIGH	QPSK	22.74	22.53	22.56	24.00
	8	LOW	QPSK	21.56	21.81	21.62	23.00
		MID	QPSK	21.45	21.71	21.91	23.00
		HIGH	QPSK	21.73	21.84	22.04	23.00
15	LOW	QPSK	21.49	21.73	22.10	23.00	
3	1	LOW	Q16	22.65	22.29	22.66	23.00
		MID	Q16	22.27	22.52	22.53	23.00
		HIGH	Q16	22.62	22.58	22.73	23.00
	8	LOW	Q16	20.55	20.77	20.72	22.00
		MID	Q16	20.93	20.67	21.20	22.00
		HIGH	Q16	20.69	21.01	20.79	22.00
15	LOW	Q16	20.53	20.88	20.79	22.00	
3	1	LOW	64QAM	21.09	21.00	21.28	22.00
		MID	64QAM	20.83	21.15	21.14	22.00
		HIGH	64QAM	20.88	21.20	21.26	22.00
	8	LOW	64QAM	19.71	19.88	19.93	21.00
		MID	64QAM	20.07	19.95	19.89	21.00
		HIGH	64QAM	19.70	20.12	20.05	21.00
15	LOW	64QAM	19.64	19.88	19.69	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.31	22.67	24.00
		MID	QPSK	22.84	22.56	22.90	24.00
		HIGH	QPSK	22.82	22.87	22.72	24.00
	12	LOW	QPSK	21.59	21.80	21.69	23.00
		MID	QPSK	21.52	21.84	21.86	23.00
		HIGH	QPSK	21.71	21.69	22.05	23.00
25	LOW	QPSK	21.87	21.97	21.66	23.00	
5	1	LOW	Q16	22.63	22.42	22.69	23.00
		MID	Q16	22.70	22.56	22.95	23.00
		HIGH	Q16	22.68	22.89	22.45	23.00
	12	LOW	Q16	20.67	20.92	20.83	22.00
		MID	Q16	20.92	21.01	21.18	22.00
		HIGH	Q16	20.90	20.89	21.15	22.00
25	LOW	Q16	20.77	20.98	20.82	22.00	
5	1	LOW	64QAM	20.92	21.35	21.17	22.00
		MID	64QAM	21.20	21.23	21.22	22.00
		HIGH	64QAM	20.95	21.22	21.07	22.00
	12	LOW	64QAM	19.63	19.82	19.87	21.00
		MID	64QAM	19.87	19.93	19.89	21.00
		HIGH	64QAM	19.92	20.16	20.07	21.00
25	LOW	64QAM	19.76	20.00	19.83	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.65	22.94	24.00
		MID	QPSK	22.54	22.93	23.19	24.00
		HIGH	QPSK	22.74	22.80	22.90	24.00
	25	LOW	QPSK	21.45	22.07	21.52	23.00
		MID	QPSK	21.72	21.99	21.94	23.00
		HIGH	QPSK	21.75	21.62	21.90	23.00
50	LOW	QPSK	21.87	22.04	21.84	23.00	
10	1	LOW	Q16	22.77	22.54	22.69	23.00
		MID	Q16	22.47	22.79	23.24	23.00
		HIGH	Q16	22.74	22.91	22.81	23.00
	25	LOW	Q16	20.67	20.95	21.03	22.00
		MID	Q16	20.93	20.95	21.03	22.00
		HIGH	Q16	20.88	21.17	20.88	22.00
50	LOW	Q16	20.48	20.54	20.78	22.00	
10	1	LOW	64QAM	21.20	21.17	21.11	22.00
		MID	64QAM	21.31	21.20	20.99	22.00
		HIGH	64QAM	20.82	21.10	21.24	22.00
	25	LOW	64QAM	19.77	19.96	20.05	21.00
		MID	64QAM	19.89	19.87	20.01	21.00
		HIGH	64QAM	19.80	20.16	20.19	21.00
50	LOW	64QAM	19.82	20.00	19.97	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.76	22.60	24.00
		MID	QPSK	22.63	22.74	22.95	24.00
		HIGH	QPSK	22.83	23.00	22.92	24.00
	36	LOW	QPSK	21.61	21.83	21.73	23.00
		MID	QPSK	21.76	21.76	21.83	23.00
		HIGH	QPSK	21.89	21.95	21.83	23.00
75	LOW	QPSK	21.91	21.91	21.83	23.00	
15	1	LOW	Q16	22.72	22.65	22.33	23.00
		MID	Q16	22.45	22.54	22.93	23.00
		HIGH	Q16	22.65	22.82	23.03	23.00
	36	LOW	Q16	20.77	21.06	20.84	22.00
		MID	Q16	20.87	20.99	20.92	22.00
		HIGH	Q16	20.98	21.06	21.13	22.00
75	LOW	Q16	20.92	20.77	20.97	22.00	
15	1	LOW	64QAM	21.20	21.27	21.17	22.00
		MID	64QAM	21.34	21.40	21.46	22.00
		HIGH	64QAM	21.16	21.35	21.20	22.00
	36	LOW	64QAM	19.63	20.08	19.95	21.00
		MID	64QAM	19.99	19.91	20.03	21.00
		HIGH	64QAM	19.88	20.16	20.19	21.00
75	LOW	64QAM	19.84	19.92	19.91	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	22.81	22.87	24.00
		MID	QPSK	22.86	22.95	23.09	24.00
		HIGH	QPSK	22.85	22.98	23.04	24.00
	50	LOW	QPSK	21.78	21.96	21.91	23.00
		MID	QPSK	21.96	22.02	22.05	23.00
		HIGH	QPSK	21.93	22.16	22.10	23.00
100	LOW	QPSK	21.91	21.93	22.03	23.00	
20	1	LOW	Q16	22.28	22.44	22.30	23.00
		MID	Q16	22.36	22.50	22.48	23.00
		HIGH	Q16	22.31	22.52	22.45	23.00
	50	LOW	Q16	20.71	21.02	20.97	22.00
		MID	Q16	20.93	21.05	21.05	22.00
		HIGH	Q16	20.90	21.08	21.11	22.00
100	LOW	Q16	20.88	21.00	21.01	22.00	
20	1	LOW	64QAM	21.35	21.44	21.32	22.00
		MID	64QAM	21.38	21.55	21.48	22.00
		HIGH	64QAM	21.24	21.50	21.41	22.00
	50	LOW	64QAM	19.69	20.02	20.01	21.00
		MID	64QAM	19.93	20.03	20.03	21.00
		HIGH	64QAM	19.84	20.12	20.15	21.00
100	LOW	64QAM	19.86	19.96	19.95	21.00	

LTE B4-Level4 (sensor on 2)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.19	21.31	20.76	23.00
		MID	QPSK	21.67	21.27	21.35	23.00
		HIGH	QPSK	21.04	21.16	21.05	23.00
	3	LOW	QPSK	21.31	21.16	21.08	23.00
		MID	QPSK	21.15	21.37	21.40	23.00
		HIGH	QPSK	21.27	21.39	21.32	23.00
6	LOW	QPSK	21.26	21.36	21.24	23.00	
1.4	1	LOW	Q16	21.69	21.34	21.02	23.00
		MID	Q16	21.86	21.56	21.27	23.00
		HIGH	Q16	21.37	21.41	21.12	23.00
	3	LOW	Q16	21.52	21.45	20.98	23.00
		MID	Q16	21.43	21.71	21.27	23.00
		HIGH	Q16	21.49	21.83	21.18	23.00
6	LOW	Q16	20.50	20.91	20.87	22.00	
1.4	1	LOW	64QAM	20.56	20.61	20.95	22.00
		MID	64QAM	21.14	20.93	21.00	22.00
		HIGH	64QAM	20.86	21.25	20.98	22.00
	3	LOW	64QAM	20.60	20.59	20.85	22.00
		MID	64QAM	20.72	20.53	20.92	22.00
		HIGH	64QAM	20.54	21.36	20.88	22.00
6	LOW	64QAM	19.78	19.46	19.83	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	21.11	20.99	21.11	23.00
		MID	QPSK	21.43	21.08	21.33	23.00
		HIGH	QPSK	21.36	21.33	21.17	23.00
	8	LOW	QPSK	20.96	21.26	21.51	23.00
		MID	QPSK	21.32	21.30	21.60	23.00
		HIGH	QPSK	21.10	21.48	21.07	23.00
15	LOW	QPSK	21.56	21.34	21.09	23.00	
3	1	LOW	Q16	21.42	21.20	21.45	23.00
		MID	Q16	21.52	21.37	21.55	23.00
		HIGH	Q16	21.50	21.68	21.66	23.00
	8	LOW	Q16	20.43	20.94	20.70	22.00
		MID	Q16	20.76	20.56	20.77	22.00
		HIGH	Q16	20.76	21.05	20.93	22.00
15	LOW	Q16	20.49	20.76	20.80	22.00	
3	1	LOW	64QAM	20.96	20.98	20.55	22.00
		MID	64QAM	21.22	20.99	21.00	22.00
		HIGH	64QAM	20.96	21.14	20.66	22.00
	8	LOW	64QAM	19.51	19.78	19.85	21.00
		MID	64QAM	19.91	19.45	19.95	21.00
		HIGH	64QAM	19.74	19.92	19.67	21.00
15	LOW	64QAM	19.42	19.74	19.97	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	21.19	20.99	21.28	23.00
		MID	QPSK	21.40	21.14	21.31	23.00
		HIGH	QPSK	21.22	21.14	21.12	23.00
	12	LOW	QPSK	21.13	21.26	21.22	23.00
		MID	QPSK	21.37	21.42	21.25	23.00
		HIGH	QPSK	21.30	21.14	21.22	23.00
25	LOW	QPSK	21.46	21.15	21.18	23.00	
5	1	LOW	Q16	21.64	21.39	21.23	23.00
		MID	Q16	21.54	21.39	21.73	23.00
		HIGH	Q16	21.64	21.60	21.57	23.00
	12	LOW	Q16	20.55	20.92	20.60	22.00
		MID	Q16	20.69	20.84	20.87	22.00
		HIGH	Q16	20.51	20.87	20.56	22.00
25	LOW	Q16	20.75	20.89	20.80	22.00	
5	1	LOW	64QAM	20.92	20.44	20.72	22.00
		MID	64QAM	21.05	20.89	20.92	22.00
		HIGH	64QAM	21.02	20.97	20.80	22.00
	12	LOW	64QAM	19.57	19.56	19.59	21.00
		MID	64QAM	19.57	19.81	19.75	21.00
		HIGH	64QAM	19.78	19.64	19.73	21.00
25	LOW	64QAM	19.62	19.34	19.57	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	21.28	20.97	21.05	23.00
		MID	QPSK	21.53	21.15	21.29	23.00
		HIGH	QPSK	21.21	21.22	20.96	23.00
	25	LOW	QPSK	21.19	21.41	21.38	23.00
		MID	QPSK	21.21	21.54	21.25	23.00
		HIGH	QPSK	21.29	21.48	21.32	23.00
50	LOW	QPSK	21.41	21.36	21.48	23.00	
10	1	LOW	Q16	21.40	21.43	21.28	23.00
		MID	Q16	21.43	21.20	21.63	23.00
		HIGH	Q16	21.36	21.40	21.46	23.00
	25	LOW	Q16	20.40	21.02	20.77	22.00
		MID	Q16	20.90	20.69	20.98	22.00
		HIGH	Q16	20.56	20.97	20.60	22.00
50	LOW	Q16	20.79	20.72	20.60	22.00	
10	1	LOW	64QAM	20.84	20.86	20.62	22.00
		MID	64QAM	20.95	21.10	20.98	22.00
		HIGH	64QAM	20.96	21.15	20.74	22.00
	25	LOW	64QAM	19.57	19.74	19.57	21.00
		MID	64QAM	19.71	19.63	19.89	21.00
		HIGH	64QAM	19.52	20.12	19.83	21.00
50	LOW	64QAM	19.52	19.56	19.99	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	21.43	21.28	21.01	23.00
		MID	QPSK	21.48	21.39	21.10	23.00
		HIGH	QPSK	21.13	21.32	21.24	23.00
	36	LOW	QPSK	20.97	21.24	21.12	23.00
		MID	QPSK	21.49	21.45	21.50	23.00
		HIGH	QPSK	21.25	21.54	21.26	23.00
75	LOW	QPSK	21.18	21.25	21.28	23.00	
15	1	LOW	Q16	21.39	21.61	21.39	23.00
		MID	Q16	21.91	21.53	21.31	23.00
		HIGH	Q16	21.54	21.67	21.67	23.00
	36	LOW	Q16	20.52	20.88	20.68	22.00
		MID	Q16	20.67	20.79	20.85	22.00
		HIGH	Q16	20.56	20.72	20.96	22.00
75	LOW	Q16	20.73	20.89	20.76	22.00	
15	1	LOW	64QAM	20.73	20.48	20.83	22.00
		MID	64QAM	21.22	21.12	20.92	22.00
		HIGH	64QAM	20.94	21.28	20.78	22.00
	36	LOW	64QAM	19.61	19.76	19.79	21.00
		MID	64QAM	19.67	19.51	20.15	21.00
		HIGH	64QAM	19.60	19.80	19.71	21.00
75	LOW	64QAM	19.64	19.58	19.93	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	21.24	21.20	21.22	23.00
		MID	QPSK	21.45	21.35	21.44	23.00
		HIGH	QPSK	21.32	21.39	21.39	23.00
	50	LOW	QPSK	21.25	21.35	21.31	23.00
		MID	QPSK	21.45	21.42	21.42	23.00
		HIGH	QPSK	21.42	21.43	21.45	23.00
100	LOW	QPSK	21.39	21.36	21.39	23.00	
20	1	LOW	Q16	21.72	21.50	21.69	23.00
		MID	Q16	21.84	21.60	21.90	23.00
		HIGH	Q16	21.74	21.60	21.83	23.00
	50	LOW	Q16	20.62	20.88	20.79	22.00
		MID	Q16	20.82	20.92	20.92	22.00
		HIGH	Q16	20.80	20.95	20.94	22.00
100	LOW	Q16	20.75	20.87	20.87	22.00	
20	1	LOW	64QAM	20.98	20.90	20.87	22.00
		MID	64QAM	21.14	21.16	21.13	22.00
		HIGH	64QAM	20.98	21.26	20.82	22.00
	50	LOW	64QAM	19.71	19.74	19.79	21.00
		MID	64QAM	19.79	19.83	20.07	21.00
		HIGH	64QAM	19.80	20.02	19.73	21.00
100	LOW	64QAM	19.78	19.64	19.95	21.00	

LTE B4-Level5&6 (sensor off)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.51	22.57	24.00
		MID	QPSK	22.63	22.65	22.93	24.00
		HIGH	QPSK	22.64	22.80	22.79	24.00
	3	LOW	QPSK	22.57	22.45	22.71	24.00
		MID	QPSK	22.49	22.74	22.95	24.00
		HIGH	QPSK	22.72	22.84	22.90	24.00
6	LOW	QPSK	21.78	21.74	21.54	23.00	
1.4	1	LOW	Q16	22.34	22.52	22.53	23.00
		MID	Q16	22.68	22.52	22.87	23.00
		HIGH	Q16	22.44	23.00	22.97	23.00
	3	LOW	Q16	22.40	22.41	22.43	23.00
		MID	Q16	22.63	22.37	22.70	23.00
		HIGH	Q16	22.42	22.64	22.66	23.00
6	LOW	Q16	20.75	20.59	20.66	22.00	
1.4	1	LOW	64QAM	21.11	21.37	20.90	22.00
		MID	64QAM	21.20	21.31	21.45	22.00
		HIGH	64QAM	21.08	21.37	21.15	22.00
	3	LOW	64QAM	21.26	21.18	21.11	22.00
		MID	64QAM	21.01	21.35	21.24	22.00
		HIGH	64QAM	21.09	21.45	21.33	22.00
6	LOW	64QAM	19.88	19.86	19.81	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.63	22.38	22.64	24.00
		MID	QPSK	22.45	22.45	22.76	24.00
		HIGH	QPSK	22.74	22.53	22.56	24.00
	8	LOW	QPSK	21.56	21.81	21.62	23.00
		MID	QPSK	21.45	21.71	21.91	23.00
		HIGH	QPSK	21.73	21.84	22.04	23.00
15	LOW	QPSK	21.49	21.73	22.10	23.00	
3	1	LOW	Q16	22.65	22.29	22.66	23.00
		MID	Q16	22.27	22.52	22.53	23.00
		HIGH	Q16	22.62	22.58	22.73	23.00
	8	LOW	Q16	20.55	20.77	20.72	22.00
		MID	Q16	20.93	20.67	21.20	22.00
		HIGH	Q16	20.69	21.01	20.79	22.00
15	LOW	Q16	20.53	20.88	20.79	22.00	
3	1	LOW	64QAM	21.09	21.00	21.28	22.00
		MID	64QAM	20.83	21.15	21.14	22.00
		HIGH	64QAM	20.88	21.20	21.26	22.00
	8	LOW	64QAM	19.71	19.88	19.93	21.00
		MID	64QAM	20.07	19.95	19.89	21.00
		HIGH	64QAM	19.70	20.12	20.05	21.00
15	LOW	64QAM	19.64	19.88	19.69	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.54	22.31	22.67	24.00
		MID	QPSK	22.84	22.56	22.90	24.00
		HIGH	QPSK	22.82	22.87	22.72	24.00
	12	LOW	QPSK	21.59	21.80	21.69	23.00
		MID	QPSK	21.52	21.84	21.86	23.00
		HIGH	QPSK	21.71	21.69	22.05	23.00
25	LOW	QPSK	21.87	21.97	21.66	23.00	
5	1	LOW	Q16	22.63	22.42	22.69	23.00
		MID	Q16	22.70	22.56	22.95	23.00
		HIGH	Q16	22.68	22.89	22.45	23.00
	12	LOW	Q16	20.67	20.92	20.83	22.00
		MID	Q16	20.92	21.01	21.18	22.00
		HIGH	Q16	20.90	20.89	21.15	22.00
25	LOW	Q16	20.77	20.98	20.82	22.00	
5	1	LOW	64QAM	20.92	21.35	21.17	22.00
		MID	64QAM	21.20	21.23	21.22	22.00
		HIGH	64QAM	20.95	21.22	21.07	22.00
	12	LOW	64QAM	19.63	19.82	19.87	21.00
		MID	64QAM	19.87	19.93	19.89	21.00
		HIGH	64QAM	19.92	20.16	20.07	21.00
25	LOW	64QAM	19.76	20.00	19.83	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	22.77	22.65	22.94	24.00
		MID	QPSK	22.54	22.93	23.19	24.00
		HIGH	QPSK	22.74	22.80	22.90	24.00
	25	LOW	QPSK	21.45	22.07	21.52	23.00
		MID	QPSK	21.72	21.99	21.94	23.00
		HIGH	QPSK	21.75	21.62	21.90	23.00
50	LOW	QPSK	21.87	22.04	21.84	23.00	
10	1	LOW	Q16	22.77	22.54	22.69	23.00
		MID	Q16	22.47	22.79	23.24	23.00
		HIGH	Q16	22.74	22.91	22.81	23.00
	25	LOW	Q16	20.67	20.95	21.03	22.00
		MID	Q16	20.93	20.95	21.03	22.00
		HIGH	Q16	20.88	21.17	20.88	22.00
50	LOW	Q16	20.48	20.54	20.78	22.00	
10	1	LOW	64QAM	21.20	21.17	21.11	22.00
		MID	64QAM	21.31	21.20	20.99	22.00
		HIGH	64QAM	20.82	21.10	21.24	22.00
	25	LOW	64QAM	19.77	19.96	20.05	21.00
		MID	64QAM	19.89	19.87	20.01	21.00
		HIGH	64QAM	19.80	20.16	20.19	21.00
50	LOW	64QAM	19.82	20.00	19.97	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.76	22.60	24.00
		MID	QPSK	22.63	22.74	22.95	24.00
		HIGH	QPSK	22.83	23.00	22.92	24.00
	36	LOW	QPSK	21.61	21.83	21.73	23.00
		MID	QPSK	21.76	21.76	21.83	23.00
		HIGH	QPSK	21.89	21.95	21.83	23.00
75	LOW	QPSK	21.91	21.91	21.83	23.00	
15	1	LOW	Q16	22.72	22.65	22.33	23.00
		MID	Q16	22.45	22.54	22.93	23.00
		HIGH	Q16	22.65	22.82	23.03	23.00
	36	LOW	Q16	20.77	21.06	20.84	22.00
		MID	Q16	20.87	20.99	20.92	22.00
		HIGH	Q16	20.98	21.06	21.13	22.00
75	LOW	Q16	20.92	20.77	20.97	22.00	
15	1	LOW	64QAM	21.20	21.27	21.17	22.00
		MID	64QAM	21.34	21.40	21.46	22.00
		HIGH	64QAM	21.16	21.35	21.20	22.00
	36	LOW	64QAM	19.63	20.08	19.95	21.00
		MID	64QAM	19.99	19.91	20.03	21.00
		HIGH	64QAM	19.88	20.16	20.19	21.00
75	LOW	64QAM	19.84	19.92	19.91	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	22.79	22.81	22.87	24.00
		MID	QPSK	22.86	22.95	23.09	24.00
		HIGH	QPSK	22.85	22.98	23.04	24.00
	50	LOW	QPSK	21.78	21.96	21.91	23.00
		MID	QPSK	21.96	22.02	22.05	23.00
		HIGH	QPSK	21.93	22.16	22.10	23.00
100	LOW	QPSK	21.91	21.93	22.03	23.00	
20	1	LOW	Q16	22.28	22.44	22.30	23.00
		MID	Q16	22.36	22.50	22.48	23.00
		HIGH	Q16	22.31	22.52	22.45	23.00
	50	LOW	Q16	20.71	21.02	20.97	22.00
		MID	Q16	20.93	21.05	21.05	22.00
		HIGH	Q16	20.90	21.08	21.11	22.00
100	LOW	Q16	20.88	21.00	21.01	22.00	
20	1	LOW	64QAM	21.35	21.44	21.32	22.00
		MID	64QAM	21.38	21.55	21.48	22.00
		HIGH	64QAM	21.24	21.50	21.41	22.00
	50	LOW	64QAM	19.69	20.02	20.01	21.00
		MID	64QAM	19.93	20.03	20.03	21.00
		HIGH	64QAM	19.84	20.12	20.15	21.00
100	LOW	64QAM	19.86	19.96	19.95	21.00	

LTE B4-Level5&6 (sensor on 2)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.59	20.67	20.56	22.50
		MID	QPSK	20.86	20.97	20.80	22.50
		HIGH	QPSK	20.64	20.83	20.79	22.50
	3	LOW	QPSK	20.52	21.11	20.81	22.50
		MID	QPSK	20.97	21.00	20.96	22.50
		HIGH	QPSK	20.89	21.09	21.21	22.50
6	LOW	QPSK	20.79	20.81	20.83	22.50	
1.4	1	LOW	Q16	21.04	21.13	20.84	22.50
		MID	Q16	21.02	21.14	21.05	22.50
		HIGH	Q16	20.77	21.26	20.99	22.50
	3	LOW	Q16	20.71	20.89	20.79	22.50
		MID	Q16	20.70	21.30	21.07	22.50
		HIGH	Q16	21.16	21.49	21.16	22.50
6	LOW	Q16	20.28	20.36	20.76	22.00	
1.4	1	LOW	64QAM	20.88	20.78	20.95	22.00
		MID	64QAM	21.12	21.02	21.11	22.00
		HIGH	64QAM	20.92	20.91	20.65	22.00
	3	LOW	64QAM	20.90	20.51	21.14	22.00
		MID	64QAM	21.05	21.00	20.83	22.00
		HIGH	64QAM	20.89	20.80	21.05	22.00
6	LOW	64QAM	20.06	19.62	19.84	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.75	20.90	20.75	22.50
		MID	QPSK	20.75	20.84	20.80	22.50
		HIGH	QPSK	20.67	20.96	20.77	22.50
	8	LOW	QPSK	20.67	21.03	20.84	22.50
		MID	QPSK	20.89	20.89	20.71	22.50
		HIGH	QPSK	20.77	20.94	20.98	22.50
15	LOW	QPSK	20.67	21.04	20.67	22.50	
3	1	LOW	Q16	21.08	21.07	21.03	22.50
		MID	Q16	21.02	21.25	21.09	22.50
		HIGH	Q16	21.03	21.13	20.97	22.50
	8	LOW	Q16	20.24	20.50	20.40	22.00
		MID	Q16	20.59	20.45	20.81	22.00
		HIGH	Q16	20.48	20.56	20.50	22.00
15	LOW	Q16	20.24	20.29	20.39	22.00	
3	1	LOW	64QAM	21.04	20.85	21.11	22.00
		MID	64QAM	21.04	20.77	20.88	22.00
		HIGH	64QAM	20.92	20.62	20.81	22.00
	8	LOW	64QAM	20.04	19.84	19.74	21.00
		MID	64QAM	19.58	19.60	19.64	21.00
		HIGH	64QAM	19.96	19.60	19.44	21.00
15	LOW	64QAM	19.86	19.80	19.54	21.00	
Bandwidth (	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.48	20.96	20.65	22.50
		MID	QPSK	20.67	20.81	20.61	22.50
		HIGH	QPSK	20.96	20.91	20.73	22.50
	12	LOW	QPSK	20.50	20.99	20.84	22.50
		MID	QPSK	20.62	20.83	21.06	22.50
		HIGH	QPSK	20.60	21.17	21.09	22.50
25	LOW	QPSK	20.86	20.93	20.96	22.50	
5	1	LOW	Q16	20.93	21.05	20.97	22.50
		MID	Q16	20.76	21.04	21.09	22.50
		HIGH	Q16	21.07	21.26	21.22	22.50
	12	LOW	Q16	20.40	20.58	20.64	22.00
		MID	Q16	20.45	20.29	20.61	22.00
		HIGH	Q16	20.31	20.39	20.57	22.00
25	LOW	Q16	20.48	20.39	20.66	22.00	
5	1	LOW	64QAM	20.94	20.97	21.05	22.00
		MID	64QAM	20.91	20.77	20.94	22.00
		HIGH	64QAM	20.90	20.71	20.96	22.00
	12	LOW	64QAM	19.80	19.70	19.52	21.00
		MID	64QAM	19.74	19.94	19.82	21.00
		HIGH	64QAM	20.08	19.66	19.30	21.00
25	LOW	64QAM	20.16	19.74	19.64	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.60	20.94	20.52	22.50
		MID	QPSK	20.92	20.64	21.17	22.50
		HIGH	QPSK	20.73	20.97	20.86	22.50
	25	LOW	QPSK	20.75	20.90	20.63	22.50
		MID	QPSK	20.87	21.14	20.89	22.50
		HIGH	QPSK	20.70	21.03	21.13	22.50
50	LOW	QPSK	20.57	20.81	20.73	22.50	
10	1	LOW	Q16	20.93	21.31	20.74	22.50
		MID	Q16	20.97	20.88	21.01	22.50
		HIGH	Q16	21.03	21.26	21.22	22.50
	25	LOW	Q16	20.16	20.38	20.58	22.00
		MID	Q16	20.51	20.61	20.34	22.00
		HIGH	Q16	20.20	20.60	20.88	22.00
50	LOW	Q16	20.18	20.36	20.62	22.00	
10	1	LOW	64QAM	21.04	21.01	20.81	22.00
		MID	64QAM	21.02	21.04	21.21	22.00
		HIGH	64QAM	20.69	20.86	21.27	22.00
	25	LOW	64QAM	19.90	19.64	19.74	21.00
		MID	64QAM	19.86	19.74	20.00	21.00
		HIGH	64QAM	19.94	19.92	19.33	21.00
50	LOW	64QAM	19.84	19.70	19.74	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm)
15	1	LOW	QPSK	20.65	20.92	20.46	22.50
		MID	QPSK	20.61	20.67	20.65	22.50
		HIGH	QPSK	20.53	20.93	20.92	22.50
	36	LOW	QPSK	20.42	20.99	20.84	22.50
		MID	QPSK	20.73	20.89	20.67	22.50
		HIGH	QPSK	20.72	21.30	21.10	22.50
75	LOW	QPSK	20.67	20.83	20.92	22.50	
15	1	LOW	Q16	20.97	20.80	20.85	22.50
		MID	Q16	20.92	21.12	20.94	22.50
		HIGH	Q16	20.77	21.24	21.01	22.50
	36	LOW	Q16	20.36	20.54	20.46	22.00
		MID	Q16	20.26	20.33	20.71	22.00
		HIGH	Q16	20.66	20.46	20.82	22.00
75	LOW	Q16	20.40	20.14	20.59	22.00	
15	1	LOW	64QAM	20.88	20.74	20.84	22.00
		MID	64QAM	21.08	21.15	20.96	22.00
		HIGH	64QAM	21.01	20.85	21.03	22.00
	36	LOW	64QAM	20.04	19.62	19.54	21.00
		MID	64QAM	19.94	19.78	19.90	21.00
		HIGH	64QAM	19.88	19.60	19.34	21.00
75	LOW	64QAM	19.96	19.76	19.58	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.73	20.90	20.81	22.50
		MID	QPSK	20.84	21.00	21.01	22.50
		HIGH	QPSK	20.80	21.06	20.96	22.50
	50	LOW	QPSK	20.75	21.05	20.86	22.50
		MID	QPSK	20.93	21.06	21.03	22.50
		HIGH	QPSK	20.89	21.15	21.05	22.50
100	LOW	QPSK	20.88	21.04	20.98	22.50	
20	1	LOW	Q16	20.95	21.20	21.10	22.50
		MID	Q16	21.08	21.25	21.35	22.50
		HIGH	Q16	21.09	21.26	21.27	22.50
	50	LOW	Q16	20.32	20.58	20.56	22.00
		MID	Q16	20.53	20.57	20.69	22.00
		HIGH	Q16	20.48	20.62	20.72	22.00
100	LOW	Q16	20.50	20.54	20.66	22.00	
20	1	LOW	64QAM	20.99	20.93	21.20	22.00
		MID	64QAM	21.21	21.17	21.13	22.00
		HIGH	64QAM	21.11	20.96	21.11	22.00
	50	LOW	64QAM	20.04	19.82	19.76	21.00
		MID	64QAM	19.90	19.86	20.02	21.00
		HIGH	64QAM	20.08	19.84	19.60	21.00
100	LOW	64QAM	20.02	19.78	19.74	21.00	

8.3.3 LTE Band5 Output Power

LTE B5-Level1 -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.12	22.05	21.79	23.50	
		MID	QPSK	22.02	22.23	21.93	23.50	
		HIGH	QPSK	21.86	22.00	21.96	23.50	
	3	LOW	QPSK	22.09	22.23	21.99	23.50	
		MID	QPSK	22.11	21.93	22.08	23.50	
		HIGH	QPSK	22.20	22.08	21.83	23.50	
	6	LOW	QPSK	21.97	21.94	21.99	23.50	
	1.4	1	LOW	Q16	21.90	22.29	21.87	23.50
			MID	Q16	21.92	22.24	21.82	23.50
HIGH			Q16	21.77	22.41	22.10	23.50	
3		LOW	Q16	21.85	22.06	21.89	23.50	
		MID	Q16	22.14	22.22	21.99	23.50	
		HIGH	Q16	21.88	22.23	22.05	23.50	
6		LOW	Q16	21.01	20.97	21.16	22.50	
1.4		1	LOW	64QAM	21.18	21.14	21.05	22.50
			MID	64QAM	21.43	21.12	21.24	22.50
	HIGH		64QAM	21.01	21.06	20.89	22.50	
	3	LOW	64QAM	21.12	21.22	20.72	22.50	
		MID	64QAM	21.10	21.09	20.97	22.50	
		HIGH	64QAM	20.74	21.27	21.05	22.50	
	6	LOW	64QAM	20.10	20.14	19.96	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	22.12	22.11	21.79	23.50
MID			QPSK	21.93	22.20	21.85	23.50	
HIGH			QPSK	22.10	22.02	22.03	23.50	
8		LOW	QPSK	22.05	21.99	22.12	23.50	
		MID	QPSK	22.08	22.19	21.84	23.50	
		HIGH	QPSK	22.18	22.22	22.10	23.50	
15		LOW	QPSK	22.15	22.21	22.21	23.50	
3		1	LOW	Q16	22.14	22.31	21.87	23.50
			MID	Q16	21.92	22.46	21.82	23.50
	HIGH		Q16	21.83	22.34	21.99	23.50	
	8	LOW	Q16	21.20	21.13	21.17	22.50	
		MID	Q16	21.18	21.12	21.09	22.50	
		HIGH	Q16	21.30	21.09	21.22	22.50	
	15	LOW	Q16	21.14	20.97	21.08	22.50	
	3	1	LOW	64QAM	21.03	21.18	21.03	22.50
			MID	64QAM	21.19	21.16	21.05	22.50
HIGH			64QAM	20.84	21.31	20.87	22.50	
8		LOW	64QAM	20.34	20.10	20.16	21.50	
		MID	64QAM	20.24	20.62	20.54	21.50	
		HIGH	64QAM	20.14	20.02	20.28	21.50	
15		LOW	64QAM	20.16	20.10	19.96	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	22.21	22.25	21.90	23.50	
		MID	QPSK	22.13	21.96	21.96	23.50	
		HIGH	QPSK	21.90	22.04	21.85	23.50	
	12	LOW	QPSK	21.98	21.90	21.79	23.50	
		MID	QPSK	22.04	22.01	22.15	23.50	
		HIGH	QPSK	22.02	22.08	21.99	23.50	
	25	LOW	QPSK	22.22	21.92	21.86	23.50	
	5	1	LOW	Q16	22.12	22.11	21.70	23.50
			MID	Q16	21.94	22.39	21.80	23.50
HIGH			Q16	21.88	22.50	22.10	23.50	
12		LOW	Q16	21.14	21.09	21.21	22.50	
		MID	Q16	21.09	21.29	21.05	22.50	
		HIGH	Q16	21.16	21.16	21.18	22.50	
25		LOW	Q16	21.01	21.05	20.95	22.50	
5		1	LOW	64QAM	21.16	21.31	20.88	22.50
			MID	64QAM	21.32	20.99	21.30	22.50
	HIGH		64QAM	21.09	21.35	21.05	22.50	
	12	LOW	64QAM	20.22	19.94	20.10	21.50	
		MID	64QAM	20.22	20.37	20.28	21.50	
		HIGH	64QAM	20.24	20.32	20.28	21.50	
	25	LOW	64QAM	20.08	20.14	20.08	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	22.21	22.18	21.94	23.50
MID			QPSK	22.13	22.16	22.00	23.50	
HIGH			QPSK	22.10	22.13	22.05	23.50	
25		LOW	QPSK	22.18	22.14	22.03	23.50	
		MID	QPSK	22.15	22.17	22.04	23.50	
		HIGH	QPSK	22.20	22.15	22.03	23.50	
50		LOW	QPSK	22.15	22.14	22.10	23.50	
10		1	LOW	Q16	22.05	22.33	21.94	23.50
			MID	Q16	22.03	22.35	22.04	23.50
	HIGH		Q16	22.01	22.50	22.12	23.50	
	25	LOW	Q16	21.20	21.17	21.15	22.50	
		MID	Q16	21.20	21.18	21.09	22.50	
		HIGH	Q16	21.24	21.20	21.16	22.50	
	50	LOW	Q16	21.14	21.18	21.12	22.50	
	10	1	LOW	64QAM	21.18	21.20	21.01	22.50
			MID	64QAM	21.32	21.20	21.22	22.50
HIGH			64QAM	20.99	21.29	20.95	22.50	
25		LOW	64QAM	20.34	20.12	20.30	21.50	
		MID	64QAM	20.32	20.58	20.46	21.50	
		HIGH	64QAM	20.30	20.22	20.30	21.50	
50		LOW	64QAM	20.12	20.12	20.10	21.50	

LTE B5-Level2&3 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	17.97	17.91	18.00	19.00	
		MID	QPSK	17.97	17.90	18.03	19.00	
		HIGH	QPSK	18.01	17.89	18.05	19.00	
	3	LOW	QPSK	18.10	18.06	18.13	19.00	
		MID	QPSK	18.12	18.07	18.14	19.00	
		HIGH	QPSK	18.09	18.04	18.12	19.00	
	6	LOW	QPSK	18.12	18.12	18.11	19.00	
	1.4	1	LOW	Q16	18.18	18.18	18.12	19.00
			MID	Q16	18.19	18.13	18.11	19.00
HIGH			Q16	18.22	18.14	18.13	19.00	
3		LOW	Q16	18.15	18.30	18.26	19.00	
		MID	Q16	18.15	18.25	18.29	19.00	
		HIGH	Q16	18.16	18.25	18.25	19.00	
6		LOW	Q16	18.24	18.00	18.29	19.00	
1.4		1	LOW	64QAM	18.25	18.23	18.14	19.00
			MID	64QAM	18.12	18.09	18.11	19.00
	HIGH		64QAM	18.20	18.18	18.08	19.00	
	3	LOW	64QAM	18.13	18.39	18.15	19.00	
		MID	64QAM	18.20	18.34	18.31	19.00	
		HIGH	64QAM	18.16	18.32	18.32	19.00	
	6	LOW	64QAM	18.22	17.98	18.20	19.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	18.10	17.94	18.00	19.00
MID			QPSK	18.09	17.94	18.02	19.00	
HIGH			QPSK	18.11	17.96	18.07	19.00	
8		LOW	QPSK	18.07	18.04	18.09	19.00	
		MID	QPSK	18.07	18.09	18.13	19.00	
		HIGH	QPSK	18.05	18.07	18.11	19.00	
15		LOW	QPSK	18.06	18.09	18.11	19.00	
3		1	LOW	Q16	18.04	18.14	18.08	19.00
			MID	Q16	18.06	18.16	18.10	19.00
	HIGH		Q16	18.03	18.16	18.12	19.00	
	8	LOW	Q16	18.21	18.15	18.13	19.00	
		MID	Q16	18.20	18.18	18.19	19.00	
		HIGH	Q16	18.18	18.16	18.18	19.00	
	15	LOW	Q16	18.14	18.11	18.09	19.00	
	3	1	LOW	64QAM	18.02	18.23	18.03	19.00
			MID	64QAM	18.02	18.16	18.05	19.00
HIGH			64QAM	18.07	18.05	18.01	19.00	
8		LOW	64QAM	18.10	18.13	18.06	19.00	
		MID	64QAM	18.09	18.22	18.10	19.00	
		HIGH	64QAM	18.25	18.25	18.13	19.00	
15		LOW	64QAM	18.10	18.07	18.05	19.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up (MHz)	
5	1	LOW	QPSK	18.24	18.02	18.07	19.00	
		MID	QPSK	18.24	18.03	18.11	19.00	
		HIGH	QPSK	18.26	18.04	18.13	19.00	
	12	LOW	QPSK	18.12	18.11	18.16	19.00	
		MID	QPSK	18.07	18.09	18.08	19.00	
		HIGH	QPSK	18.05	18.09	18.11	19.00	
	25	LOW	QPSK	18.06	18.09	18.10	19.00	
	5	1	LOW	Q16	18.36	18.38	18.14	19.00
			MID	Q16	18.29	18.35	18.14	19.00
HIGH			Q16	18.39	18.35	18.19	19.00	
12		LOW	Q16	18.18	18.25	18.22	19.00	
		MID	Q16	18.13	18.24	18.14	19.00	
		HIGH	Q16	18.09	18.27	18.17	19.00	
25		LOW	Q16	18.15	18.19	18.08	19.00	
5		1	LOW	64QAM	18.36	18.34	18.10	19.00
			MID	64QAM	18.38	18.42	18.07	19.00
	HIGH		64QAM	18.28	18.44	18.15	19.00	
	12	LOW	64QAM	18.27	18.23	18.13	19.00	
		MID	64QAM	18.20	18.22	18.12	19.00	
		HIGH	64QAM	18.11	18.32	18.19	19.00	
	25	LOW	64QAM	18.24	18.24	18.13	19.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up (MHz)
	10	1	LOW	QPSK	18.07	18.01	17.97	19.00
MID			QPSK	18.16	17.99	18.04	19.00	
HIGH			QPSK	18.12	18.05	18.06	19.00	
25		LOW	QPSK	18.13	18.08	18.06	19.00	
		MID	QPSK	18.07	18.04	18.03	19.00	
		HIGH	QPSK	18.05	18.16	18.01	19.00	
50		LOW	QPSK	18.09	18.14	18.05	19.00	
10		1	LOW	Q16	18.01	18.13	18.03	19.00
			MID	Q16	18.09	18.17	18.07	19.00
	HIGH		Q16	18.02	18.18	18.06	19.00	
	25	LOW	Q16	18.18	18.18	18.17	19.00	
		MID	Q16	18.14	18.14	18.14	19.00	
		HIGH	Q16	18.10	18.23	18.11	19.00	
	50	LOW	Q16	18.07	18.14	18.08	19.00	
	10	1	LOW	64QAM	18.05	18.04	17.98	19.00
			MID	64QAM	18.07	18.06	18.02	19.00
HIGH			64QAM	18.09	18.18	18.13	19.00	
25		LOW	64QAM	18.27	18.11	18.22	19.00	
		MID	64QAM	18.19	18.09	18.21	19.00	
		HIGH	64QAM	18.06	18.25	18.15	19.00	
50		LOW	64QAM	18.14	18.19	18.04	19.00	

LTE B5-Level4-Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.42	23.30	23.17	24.50	
		MID	QPSK	23.55	23.37	23.50	24.50	
		HIGH	QPSK	23.57	23.35	23.25	24.50	
	3	LOW	QPSK	22.61	22.43	22.23	24.50	
		MID	QPSK	22.50	22.31	22.29	24.50	
		HIGH	QPSK	22.50	22.42	22.47	24.50	
	6	LOW	QPSK	22.62	22.42	22.25	23.50	
	1.4	1	LOW	Q16	22.53	22.78	22.37	23.50
			MID	Q16	22.21	22.77	22.53	23.50
HIGH			Q16	22.54	22.94	22.36	23.50	
3		LOW	Q16	22.60	22.71	22.41	23.50	
		MID	Q16	22.05	22.75	22.39	23.50	
		HIGH	Q16	22.49	22.85	22.32	23.50	
6		LOW	Q16	21.59	21.45	21.50	22.50	
1.4		1	LOW	64QAM	21.32	21.48	21.32	22.50
			MID	64QAM	21.38	21.71	21.32	22.50
	HIGH		64QAM	21.66	21.62	21.38	22.50	
	3	LOW	64QAM	21.23	21.60	21.08	22.50	
		MID	64QAM	21.62	21.34	21.31	22.50	
		HIGH	64QAM	21.55	21.43	21.38	22.50	
	6	LOW	64QAM	20.57	20.65	20.68	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.60	23.40	23.10	24.50
MID			QPSK	23.31	23.34	23.24	24.50	
HIGH			QPSK	23.36	23.49	23.27	24.50	
8		LOW	QPSK	22.54	22.38	22.41	23.50	
		MID	QPSK	22.34	22.36	22.20	23.50	
		HIGH	QPSK	22.46	22.53	22.45	23.50	
15		LOW	QPSK	22.44	22.53	22.49	23.50	
3		1	LOW	Q16	22.42	23.03	22.23	23.50
			MID	Q16	22.52	22.93	22.47	23.50
	HIGH		Q16	22.41	22.89	22.27	23.50	
	8	LOW	Q16	21.63	21.69	21.25	22.50	
		MID	Q16	21.59	21.69	21.55	22.50	
		HIGH	Q16	21.57	21.51	21.46	22.50	
	15	LOW	Q16	21.59	21.58	21.42	22.50	
	3	1	LOW	64QAM	21.23	21.39	21.22	22.50
			MID	64QAM	21.42	21.74	21.30	22.50
HIGH			64QAM	21.55	21.32	21.40	22.50	
8		LOW	64QAM	21.40	21.41	21.18	21.50	
		MID	64QAM	21.43	21.42	21.12	21.50	
		HIGH	64QAM	21.44	21.39	21.06	21.50	
15		LOW	64QAM	20.78	20.57	20.78	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.42	23.52	23.41	24.50	
		MID	QPSK	23.36	23.44	23.62	24.50	
		HIGH	QPSK	23.60	23.65	23.29	24.50	
	12	LOW	QPSK	22.38	22.54	22.21	23.50	
		MID	QPSK	22.66	22.54	22.47	23.50	
		HIGH	QPSK	22.41	22.57	22.25	23.50	
	25	LOW	QPSK	22.32	22.58	22.56	23.50	
	5	1	LOW	Q16	22.26	22.92	22.35	23.50
			MID	Q16	22.41	22.97	22.53	23.50
HIGH			Q16	22.41	22.82	22.41	23.50	
12		LOW	Q16	21.48	21.61	21.36	22.50	
		MID	Q16	21.33	21.72	21.42	22.50	
		HIGH	Q16	21.59	21.53	21.36	22.50	
25		LOW	Q16	21.33	21.54	21.31	22.50	
5		1	LOW	64QAM	21.32	21.65	21.43	22.50
			MID	64QAM	21.59	21.71	21.36	22.50
	HIGH		64QAM	21.57	21.37	21.29	22.50	
	12	LOW	64QAM	21.48	21.43	21.35	21.50	
		MID	64QAM	21.36	21.49	21.35	21.50	
		HIGH	64QAM	21.30	21.34	21.25	21.50	
	25	LOW	64QAM	20.82	20.57	20.66	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.51	23.54	23.36	24.50
MID			QPSK	23.57	23.53	23.50	24.50	
HIGH			QPSK	23.55	23.56	23.48	24.50	
25		LOW	QPSK	22.54	22.61	22.41	23.50	
		MID	QPSK	22.57	22.54	22.45	23.50	
		HIGH	QPSK	22.55	22.62	22.43	23.50	
50	LOW	QPSK	22.55	22.60	22.45	23.50		
10	1	LOW	Q16	22.42	22.94	22.39	23.50	
		MID	Q16	22.43	22.95	22.49	23.50	
		HIGH	Q16	22.43	22.96	22.52	23.50	
	25	LOW	Q16	21.57	21.65	21.49	22.50	
		MID	Q16	21.57	21.63	21.53	22.50	
		HIGH	Q16	21.57	21.68	21.55	22.50	
50	LOW	Q16	21.57	21.60	21.44	22.50		
10	1	LOW	64QAM	21.38	21.63	21.43	22.50	
		MID	64QAM	21.55	21.65	21.36	22.50	
		HIGH	64QAM	21.68	21.56	21.53	22.50	
	25	LOW	64QAM	21.35	21.43	21.29	21.50	
		MID	64QAM	21.34	21.37	21.31	21.50	
		HIGH	64QAM	21.46	21.45	21.27	21.50	
50	LOW	64QAM	20.72	20.61	20.78	21.50		

LTE B5-Level5&6-Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.42	23.30	23.17	24.50	
		MID	QPSK	23.55	23.37	23.50	24.50	
		HIGH	QPSK	23.57	23.35	23.25	24.50	
	3	LOW	QPSK	22.61	22.43	22.23	24.50	
		MID	QPSK	22.50	22.31	22.29	24.50	
		HIGH	QPSK	22.50	22.42	22.47	24.50	
	6	LOW	QPSK	22.62	22.42	22.25	23.50	
	1.4	1	LOW	Q16	22.53	22.78	22.37	23.50
			MID	Q16	22.21	22.77	22.53	23.50
HIGH			Q16	22.54	22.94	22.36	23.50	
3		LOW	Q16	22.60	22.71	22.41	23.50	
		MID	Q16	22.05	22.75	22.39	23.50	
		HIGH	Q16	22.49	22.85	22.32	23.50	
6		LOW	Q16	21.59	21.45	21.50	22.50	
1.4		1	LOW	64QAM	21.32	21.48	21.32	22.50
			MID	64QAM	21.38	21.71	21.32	22.50
	HIGH		64QAM	21.66	21.62	21.38	22.50	
	3	LOW	64QAM	21.23	21.60	21.08	22.50	
		MID	64QAM	21.62	21.34	21.31	22.50	
		HIGH	64QAM	21.55	21.43	21.38	22.50	
	6	LOW	64QAM	20.57	20.65	20.68	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.60	23.40	23.10	24.50
MID			QPSK	23.31	23.34	23.24	24.50	
HIGH			QPSK	23.36	23.49	23.27	24.50	
8		LOW	QPSK	22.54	22.38	22.41	23.50	
		MID	QPSK	22.34	22.36	22.20	23.50	
		HIGH	QPSK	22.46	22.53	22.45	23.50	
15		LOW	QPSK	22.44	22.53	22.49	23.50	
3		1	LOW	Q16	22.42	23.03	22.23	23.50
			MID	Q16	22.52	22.93	22.47	23.50
	HIGH		Q16	22.41	22.89	22.27	23.50	
	8	LOW	Q16	21.63	21.69	21.25	22.50	
		MID	Q16	21.59	21.69	21.55	22.50	
		HIGH	Q16	21.57	21.51	21.46	22.50	
	15	LOW	Q16	21.59	21.58	21.42	22.50	
	3	1	LOW	64QAM	21.23	21.39	21.22	22.50
			MID	64QAM	21.42	21.74	21.30	22.50
HIGH			64QAM	21.55	21.32	21.40	22.50	
8		LOW	64QAM	21.40	21.41	21.18	21.50	
		MID	64QAM	21.43	21.42	21.12	21.50	
		HIGH	64QAM	21.44	21.39	21.06	21.50	
15		LOW	64QAM	20.78	20.57	20.78	21.50	

Bandwidth (	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up
5	1	LOW	QPSK	23.42	23.52	23.41	24.50	
		MID	QPSK	23.36	23.44	23.62	24.50	
		HIGH	QPSK	23.60	23.65	23.29	24.50	
	12	LOW	QPSK	22.38	22.54	22.21	23.50	
		MID	QPSK	22.66	22.54	22.47	23.50	
		HIGH	QPSK	22.41	22.57	22.25	23.50	
	25	LOW	QPSK	22.32	22.58	22.56	23.50	
		LOW	Q16	22.26	22.92	22.35	23.50	
	5	1	MID	Q16	22.41	22.97	22.53	23.50
HIGH			Q16	22.41	22.82	22.41	23.50	
LOW			Q16	21.48	21.61	21.36	22.50	
12		MID	Q16	21.33	21.72	21.42	22.50	
		HIGH	Q16	21.59	21.53	21.36	22.50	
		LOW	Q16	21.33	21.54	21.31	22.50	
5		1	LOW	64QAM	21.32	21.65	21.43	22.50
			MID	64QAM	21.59	21.71	21.36	22.50
			HIGH	64QAM	21.57	21.37	21.29	22.50
	12	LOW	64QAM	21.48	21.43	21.35	21.50	
		MID	64QAM	21.36	21.49	21.35	21.50	
		HIGH	64QAM	21.30	21.34	21.25	21.50	
	25	LOW	64QAM	20.82	20.57	20.66	21.50	
		Bandwidth (RB Size	RB offset	Modulation	20450	20525	20600	Tune-up
	10	1	LOW	QPSK	23.51	23.54	23.36	24.50
MID			QPSK	23.57	23.53	23.50	24.50	
HIGH			QPSK	23.55	23.56	23.48	24.50	
25		LOW	QPSK	22.54	22.61	22.41	23.50	
		MID	QPSK	22.57	22.54	22.45	23.50	
		HIGH	QPSK	22.55	22.62	22.43	23.50	
50		LOW	QPSK	22.55	22.60	22.45	23.50	
		LOW	Q16	22.42	22.94	22.39	23.50	
10		1	MID	Q16	22.43	22.95	22.49	23.50
	HIGH		Q16	22.43	22.96	22.52	23.50	
	LOW		Q16	21.57	21.65	21.49	22.50	
	25	MID	Q16	21.57	21.63	21.53	22.50	
		HIGH	Q16	21.57	21.68	21.55	22.50	
		LOW	Q16	21.57	21.60	21.44	22.50	
	10	1	LOW	64QAM	21.38	21.63	21.43	22.50
			MID	64QAM	21.55	21.65	21.36	22.50
			HIGH	64QAM	21.68	21.56	21.53	22.50
25		LOW	64QAM	21.35	21.43	21.29	21.50	
		MID	64QAM	21.34	21.37	21.31	21.50	
		HIGH	64QAM	21.46	21.45	21.27	21.50	
50		LOW	64QAM	20.72	20.61	20.78	21.50	

LTE B5-Level1-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
50	LOW	QPSK	22.72	22.71	22.55	24.00		
10	1	LOW	Q16	22.57	23.05	22.52	24.00	
		MID	Q16	22.60	23.09	22.60	24.00	
		HIGH	Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

LTE B5-Level2&3-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (RB Size	RB offset	Modulation	20450	20525	20600	Tune-up
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
50		LOW	QPSK	22.72	22.71	22.55	24.00	
10		1	LOW	Q16	22.57	23.05	22.52	24.00
			MID	Q16	22.60	23.09	22.60	24.00
	HIGH		Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

LTE B5-Level4 (sensor off)-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
10	1	LOW	Q16	22.57	23.05	22.52	24.00	
		MID	Q16	22.60	23.09	22.60	24.00	
		HIGH	Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

LTE B5-Level4 (sensor on 2)-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (RB Size	RB offset	Modulation	20450	20525	20600	Tune-up
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
50		LOW	QPSK	22.72	22.71	22.55	24.00	
10		1	LOW	Q16	22.57	23.05	22.52	24.00
			MID	Q16	22.60	23.09	22.60	24.00
	HIGH		Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

LTE B5-Level5&6 (sensor off)-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
10	1	LOW	Q16	22.57	23.05	22.52	24.00	
		MID	Q16	22.60	23.09	22.60	24.00	
		HIGH	Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

LTE B5-Level5&6 (sensor on 2)-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.59	23.65	23.41	25.00	
		MID	QPSK	23.69	23.50	23.42	25.00	
		HIGH	QPSK	23.53	23.53	23.61	25.00	
	3	LOW	QPSK	23.74	23.27	23.72	25.00	
		MID	QPSK	23.43	23.38	23.70	25.00	
		HIGH	QPSK	23.43	23.32	23.36	25.00	
	6	LOW	QPSK	22.58	22.62	22.53	24.00	
	1.4	1	LOW	Q16	22.64	22.93	22.63	24.00
			MID	Q16	22.58	23.02	22.67	24.00
HIGH			Q16	22.33	23.01	22.47	24.00	
3		LOW	Q16	22.21	23.26	22.40	24.00	
		MID	Q16	22.55	23.23	22.29	24.00	
		HIGH	Q16	22.40	22.80	22.50	24.00	
6		LOW	Q16	21.65	21.72	21.49	23.00	
1.4		1	LOW	64QAM	21.25	21.49	21.41	23.00
			MID	64QAM	21.44	21.49	21.48	23.00
	HIGH		64QAM	21.26	21.43	21.28	23.00	
	3	LOW	64QAM	21.44	21.21	21.13	23.00	
		MID	64QAM	21.53	21.56	21.47	23.00	
		HIGH	64QAM	21.09	21.38	21.30	23.00	
	6	LOW	64QAM	20.63	20.39	20.23	22.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.80	23.48	23.50	25.00
MID			QPSK	23.86	23.78	23.32	25.00	
HIGH			QPSK	23.79	23.43	23.59	25.00	
8		LOW	QPSK	22.53	22.78	22.60	24.00	
		MID	QPSK	22.74	22.59	22.48	24.00	
		HIGH	QPSK	22.72	22.77	22.34	24.00	
15		LOW	QPSK	22.52	22.73	22.50	24.00	
3		1	LOW	Q16	22.64	23.03	22.41	24.00
			MID	Q16	22.53	23.14	22.58	24.00
	HIGH		Q16	22.47	23.06	22.74	24.00	
	8	LOW	Q16	21.80	21.60	21.60	23.00	
		MID	Q16	21.51	21.53	21.64	23.00	
		HIGH	Q16	21.68	21.62	21.38	23.00	
	15	LOW	Q16	21.48	21.57	21.39	23.00	
	3	1	LOW	64QAM	21.25	21.41	21.47	23.00
			MID	64QAM	21.27	21.57	21.54	23.00
HIGH			64QAM	21.43	21.58	21.30	23.00	
8		LOW	64QAM	20.49	20.25	20.21	22.00	
		MID	64QAM	20.33	20.53	20.59	22.00	
		HIGH	64QAM	20.48	20.28	20.25	22.00	
15		LOW	64QAM	20.35	20.63	20.55	22.00	

Bandwidth (	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up
5	1	LOW	QPSK	23.50	23.41	23.43	25.00	
		MID	QPSK	23.55	23.74	23.37	25.00	
		HIGH	QPSK	23.63	23.76	23.50	25.00	
	12	LOW	QPSK	22.66	22.55	22.44	24.00	
		MID	QPSK	22.76	22.50	22.53	24.00	
		HIGH	QPSK	22.70	22.63	22.36	24.00	
	25	LOW	QPSK	22.49	22.55	22.55	24.00	
	5	1	LOW	Q16	22.68	22.96	22.45	24.00
			MID	Q16	22.46	22.95	22.42	24.00
HIGH			Q16	22.67	23.04	22.70	24.00	
12		LOW	Q16	21.62	21.60	21.42	23.00	
		MID	Q16	21.67	21.84	21.43	23.00	
		HIGH	Q16	21.57	21.51	21.62	23.00	
25		LOW	Q16	21.67	21.66	21.69	23.00	
5		1	LOW	64QAM	21.53	21.69	21.60	23.00
			MID	64QAM	21.40	21.34	21.37	23.00
	HIGH		64QAM	21.34	21.36	21.55	23.00	
	12	LOW	64QAM	20.28	20.35	20.37	22.00	
		MID	64QAM	20.55	20.53	20.59	22.00	
		HIGH	64QAM	20.38	20.44	20.52	22.00	
	25	LOW	64QAM	20.37	20.61	20.29	22.00	
	Bandwidth (RB Size	RB offset	Modulation	20450	20525	20600	Tune-up
	10	1	LOW	QPSK	23.71	23.67	23.48	25.00
MID			QPSK	23.74	23.69	23.56	25.00	
HIGH			QPSK	23.72	23.67	23.59	25.00	
25		LOW	QPSK	22.71	22.69	22.53	24.00	
		MID	QPSK	22.76	22.66	22.53	24.00	
		HIGH	QPSK	22.70	22.70	22.54	24.00	
50		LOW	QPSK	22.72	22.71	22.55	24.00	
10		1	LOW	Q16	22.57	23.05	22.52	24.00
			MID	Q16	22.60	23.09	22.60	24.00
	HIGH		Q16	22.56	23.06	22.63	24.00	
	25	LOW	Q16	21.71	21.75	21.64	23.00	
		MID	Q16	21.71	21.73	21.62	23.00	
		HIGH	Q16	21.72	21.75	21.60	23.00	
	50	LOW	Q16	21.65	21.70	21.58	23.00	
	10	1	LOW	64QAM	21.49	21.60	21.56	23.00
			MID	64QAM	21.46	21.53	21.54	23.00
HIGH			64QAM	21.47	21.49	21.49	23.00	
25		LOW	64QAM	20.51	20.41	20.37	22.00	
		MID	64QAM	20.47	20.51	20.65	22.00	
		HIGH	64QAM	20.46	20.34	20.48	22.00	
50		LOW	64QAM	20.53	20.55	20.45	22.00	

8.3.3 LTE Band5 Output Power

LTE B5-Level1-Ant.0 (DC_5A_n7A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.23	20.37	20.25	20.50	
		MID	QPSK	20.15	20.43	19.85	20.50	
		HIGH	QPSK	19.93	20.13	20.31	20.50	
	3	LOW	QPSK	20.26	20.44	20.26	20.50	
		MID	QPSK	20.06	20.00	20.20	20.50	
		HIGH	QPSK	20.32	20.12	20.10	20.50	
	6	LOW	QPSK	20.25	20.29	20.25	20.50	
	1.4	1	LOW	Q16	20.22	20.16	20.50	20.50
			MID	Q16	19.85	20.03	20.13	20.50
HIGH			Q16	19.73	19.73	20.15	20.50	
3		LOW	Q16	19.85	19.57	20.05	20.50	
		MID	Q16	20.02	20.16	19.96	20.50	
		HIGH	Q16	19.82	19.80	19.84	20.50	
6		LOW	Q16	20.08	19.84	19.56	20.50	
1.4		1	LOW	64QAM	20.25	20.39	20.37	20.50
			MID	64QAM	19.97	20.27	19.85	20.50
	HIGH		64QAM	20.29	20.29	20.13	20.50	
	3	LOW	64QAM	20.10	20.10	19.98	20.50	
		MID	64QAM	20.02	20.20	19.98	20.50	
		HIGH	64QAM	20.00	19.68	20.10	20.50	
	6	LOW	64QAM	19.96	20.04	20.12	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	20.13	20.19	20.23	20.50
MID			QPSK	20.21	20.11	20.05	20.50	
HIGH			QPSK	20.39	19.67	20.19	20.50	
8		LOW	QPSK	20.44	20.42	19.92	20.50	
		MID	QPSK	20.08	20.10	20.16	20.50	
		HIGH	QPSK	20.38	20.26	20.24	20.50	
15		LOW	QPSK	20.15	20.21	19.89	20.50	
3		1	LOW	Q16	20.25	20.24	20.54	20.50
			MID	Q16	19.81	20.05	20.11	20.50
	HIGH		Q16	19.81	20.03	19.97	20.50	
	8	LOW	Q16	20.19	20.01	19.83	20.50	
		MID	Q16	20.22	20.00	20.04	20.50	
		HIGH	Q16	19.98	19.82	19.90	20.50	
	15	LOW	Q16	20.14	20.08	19.62	20.50	
	3	1	LOW	64QAM	20.09	20.19	20.25	20.50
			MID	64QAM	20.03	20.39	19.81	20.50
HIGH			64QAM	20.17	20.01	20.05	20.50	
8		LOW	64QAM	19.90	20.14	20.14	20.50	
		MID	64QAM	20.12	20.28	20.20	20.50	
		HIGH	64QAM	20.30	19.90	19.90	20.50	
15		LOW	64QAM	20.02	20.18	20.28	20.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	20.23	20.13	20.09	20.50	
		MID	QPSK	19.99	20.41	20.03	20.50	
		HIGH	QPSK	20.23	20.19	20.05	20.50	
	12	LOW	QPSK	20.36	20.30	20.14	20.50	
		MID	QPSK	20.10	20.10	20.08	20.50	
		HIGH	QPSK	20.42	20.40	20.14	20.50	
	25	LOW	QPSK	20.27	20.27	20.03	20.50	
	5	1	LOW	Q16	20.54	20.18	20.20	20.50
			MID	Q16	19.87	20.09	19.91	20.50
HIGH			Q16	20.15	19.89	20.33	20.50	
12		LOW	Q16	20.27	20.07	20.11	20.50	
		MID	Q16	20.24	20.20	19.96	20.50	
		HIGH	Q16	19.62	19.82	20.10	20.50	
25		LOW	Q16	20.22	19.92	19.72	20.50	
5		1	LOW	64QAM	20.09	20.29	20.21	20.50
			MID	64QAM	20.11	20.45	20.03	20.50
	HIGH		64QAM	20.03	20.03	20.05	20.50	
	12	LOW	64QAM	20.00	20.00	20.12	20.50	
		MID	64QAM	20.18	20.08	20.04	20.50	
		HIGH	64QAM	20.26	20.00	20.18	20.50	
	25	LOW	64QAM	19.96	20.00	20.32	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	20.31	20.33	20.23	20.50
MID			QPSK	20.13	20.41	20.25	20.50	
HIGH			QPSK	20.25	20.11	20.35	20.50	
25		LOW	QPSK	20.40	20.34	20.20	20.50	
		MID	QPSK	20.16	20.28	20.16	20.50	
		HIGH	QPSK	20.42	20.24	20.26	20.50	
50		LOW	QPSK	20.29	20.39	20.27	20.50	
10		1	LOW	Q16	20.44	20.38	20.46	20.50
			MID	Q16	20.11	20.19	20.11	20.50
	HIGH		Q16	19.99	20.11	20.29	20.50	
	25	LOW	Q16	20.19	19.93	20.25	20.50	
		MID	Q16	20.36	20.12	20.02	20.50	
		HIGH	Q16	20.02	19.94	20.08	20.50	
	50	LOW	Q16	20.28	20.00	19.88	20.50	
	10	1	LOW	64QAM	20.29	20.33	20.35	20.50
			MID	64QAM	20.15	20.37	20.07	20.50
HIGH			64QAM	20.19	20.21	20.19	20.50	
25		LOW	64QAM	20.14	20.28	20.26	20.50	
		MID	64QAM	20.28	20.36	20.14	20.50	
		HIGH	64QAM	20.24	20.00	20.10	20.50	
50		LOW	64QAM	20.08	20.22	20.32	20.50	

LTE B5-Level2&3-Ant.0 (DC_5A_n7A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	16.17	16.14	16.22	16.50	
		MID	QPSK	16.22	16.04	16.17	16.50	
		HIGH	QPSK	16.12	16.25	16.28	16.50	
	3	LOW	QPSK	16.05	16.02	16.28	16.50	
		MID	QPSK	16.02	16.04	16.12	16.50	
		HIGH	QPSK	16.18	16.05	16.09	16.50	
	6	LOW	QPSK	16.25	16.26	16.28	16.50	
	1.4	1	LOW	Q16	16.42	16.38	16.27	16.50
			MID	Q16	16.45	16.40	16.33	16.50
HIGH			Q16	16.38	16.40	16.43	16.50	
3		LOW	Q16	16.43	16.35	16.22	16.50	
		MID	Q16	16.45	16.25	16.47	16.50	
		HIGH	Q16	16.40	16.48	16.38	16.50	
6		LOW	Q16	16.32	16.27	16.47	16.50	
1.4		1	LOW	64QAM	16.22	16.22	16.27	16.50
			MID	64QAM	16.42	16.42	16.45	16.50
	HIGH		64QAM	16.22	16.25	16.29	16.50	
	3	LOW	64QAM	16.32	16.25	16.40	16.50	
		MID	64QAM	16.45	16.35	16.33	16.50	
		HIGH	64QAM	16.47	16.25	16.27	16.50	
	6	LOW	64QAM	16.35	16.40	16.33	16.50	
	3	1	LOW	QPSK	16.22	16.18	16.25	16.50
			MID	QPSK	16.04	16.25	16.14	16.50
HIGH			QPSK	16.04	16.17	16.18	16.50	
8		LOW	QPSK	16.10	16.14	16.26	16.50	
		MID	QPSK	16.15	16.05	16.02	16.50	
		HIGH	QPSK	16.12	16.23	16.25	16.50	
15		LOW	QPSK	16.02	16.12	16.15	16.50	
3		1	LOW	Q16	16.37	16.24	16.29	16.50
			MID	Q16	16.33	16.43	16.33	16.50
	HIGH		Q16	16.42	16.27	16.29	16.50	
	8	LOW	Q16	16.29	16.42	16.32	16.50	
		MID	Q16	16.32	16.32	16.25	16.50	
		HIGH	Q16	16.35	16.38	16.25	16.50	
	15	LOW	Q16	16.33	16.45	16.22	16.50	
	3	1	LOW	64QAM	16.25	16.43	16.40	16.50
			MID	64QAM	16.45	16.22	16.37	16.50
HIGH			64QAM	16.32	16.40	16.42	16.50	
8		LOW	64QAM	16.33	16.32	16.38	16.50	
		MID	64QAM	16.25	16.29	16.35	16.50	
		HIGH	64QAM	16.30	16.35	16.43	16.50	
15		LOW	64QAM	16.43	16.30	16.43	16.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	16.09	16.04	16.17	16.50	
		MID	QPSK	16.18	16.09	16.05	16.50	
		HIGH	QPSK	16.07	16.14	16.28	16.50	
	12	LOW	QPSK	16.22	16.23	16.10	16.50	
		MID	QPSK	16.22	16.10	16.15	16.50	
		HIGH	QPSK	16.23	16.23	16.14	16.50	
	25	LOW	QPSK	16.17	16.10	16.22	16.50	
	5	1	LOW	Q16	16.38	16.22	16.22	16.50
			MID	Q16	16.27	16.42	16.38	16.50
HIGH			Q16	16.43	16.33	16.42	16.50	
12		LOW	Q16	16.48	16.33	16.33	16.50	
		MID	Q16	16.43	16.40	16.37	16.50	
		HIGH	Q16	16.38	16.38	16.40	16.50	
25		LOW	Q16	16.29	16.24	16.47	16.50	
5		1	LOW	64QAM	16.42	16.38	16.27	16.50
			MID	64QAM	16.27	16.40	16.27	16.50
	HIGH		64QAM	16.40	16.22	16.35	16.50	
	12	LOW	64QAM	16.37	16.37	16.27	16.50	
		MID	64QAM	16.24	16.45	16.24	16.50	
		HIGH	64QAM	16.48	16.42	16.35	16.50	
	25	LOW	64QAM	16.22	16.42	16.42	16.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	16.22	16.28	16.26	16.50
MID			QPSK	16.26	16.15	16.07	16.50	
HIGH			QPSK	16.23	16.07	16.12	16.50	
25		LOW	QPSK	16.25	16.15	16.23	16.50	
		MID	QPSK	16.04	16.04	16.18	16.50	
		HIGH	QPSK	16.05	16.10	16.14	16.50	
50		LOW	QPSK	16.20	16.10	16.14	16.50	
10		1	LOW	Q16	16.43	16.25	16.35	16.50
			MID	Q16	16.45	16.42	16.27	16.50
	HIGH		Q16	16.25	16.40	16.45	16.50	
	25	LOW	Q16	16.48	16.30	16.33	16.50	
		MID	Q16	16.35	16.43	16.27	16.50	
		HIGH	Q16	16.43	16.30	16.32	16.50	
	50	LOW	Q16	16.30	16.43	16.38	16.50	
	10	1	LOW	64QAM	16.25	16.25	16.47	16.50
			MID	64QAM	16.45	16.40	16.27	16.50
HIGH			64QAM	16.33	16.37	16.38	16.50	
25		LOW	64QAM	16.29	16.27	16.48	16.50	
		MID	64QAM	16.22	16.43	16.48	16.50	
		HIGH	64QAM	16.38	16.38	16.22	16.50	
50		LOW	64QAM	16.22	16.35	16.43	16.50	

LTE B5-Level4-Ant.0 (DC_5A_n7A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.35	22.20	21.69	22.50	
		MID	QPSK	21.88	22.24	22.29	22.50	
		HIGH	QPSK	22.39	22.15	22.42	22.50	
	3	LOW	QPSK	21.99	22.15	22.00	22.50	
		MID	QPSK	22.32	21.87	22.09	22.50	
		HIGH	QPSK	22.29	22.35	21.58	22.50	
	6	LOW	QPSK	21.93	22.47	22.06	22.50	
	1.4	1	LOW	Q16	21.86	22.18	22.19	22.50
			MID	Q16	22.32	22.02	21.72	22.50
HIGH			Q16	22.30	22.07	21.91	22.50	
3		LOW	Q16	22.26	22.10	21.32	22.50	
		MID	Q16	21.73	22.18	22.01	22.50	
		HIGH	Q16	22.29	22.07	21.86	22.50	
6		LOW	Q16	20.90	20.93	21.17	22.00	
1.4		1	LOW	64QAM	21.50	21.13	21.37	22.00
			MID	64QAM	21.00	21.23	21.37	22.00
	HIGH		64QAM	20.92	21.16	21.17	22.00	
	3	LOW	64QAM	21.44	20.94	21.14	22.00	
		MID	64QAM	21.17	21.06	21.22	22.00	
		HIGH	64QAM	20.71	21.21	20.96	22.00	
	6	LOW	64QAM	19.90	19.86	20.44	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	22.22	22.20	21.99	22.50
MID			QPSK	22.09	21.84	22.33	22.50	
HIGH			QPSK	22.35	22.27	22.33	22.50	
8		LOW	QPSK	21.85	22.18	22.20	22.50	
		MID	QPSK	22.48	22.02	22.05	22.50	
		HIGH	QPSK	22.24	22.33	21.71	22.50	
15		LOW	QPSK	21.69	22.41	21.93	22.50	
3		1	LOW	Q16	21.88	22.20	22.38	22.50
			MID	Q16	22.13	22.27	22.33	22.50
	HIGH		Q16	22.47	22.31	22.33	22.50	
	8	LOW	Q16	21.35	21.24	21.52	22.00	
		MID	Q16	21.42	21.27	20.95	22.00	
		HIGH	Q16	21.00	21.49	21.01	22.00	
	15	LOW	Q16	20.78	21.10	21.17	22.00	
	3	1	LOW	64QAM	21.24	21.40	21.15	22.00
			MID	64QAM	20.77	21.27	21.21	22.00
HIGH			64QAM	20.91	21.16	20.96	22.00	
8		LOW	64QAM	19.98	19.62	19.80	21.00	
		MID	64QAM	20.28	20.22	19.31	21.00	
		HIGH	64QAM	20.14	20.10	20.12	21.00	
15		LOW	64QAM	20.06	20.02	20.40	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	22.30	22.26	22.30	22.50	
		MID	QPSK	22.35	22.20	21.78	22.50	
		HIGH	QPSK	22.46	22.38	22.17	22.50	
	12	LOW	QPSK	22.14	22.27	22.26	22.50	
		MID	QPSK	22.53	21.89	22.21	22.50	
		HIGH	QPSK	22.50	22.02	21.75	22.50	
	25	LOW	QPSK	21.89	22.50	22.10	22.50	
	5	1	LOW	Q16	22.24	22.42	22.26	22.50
			MID	Q16	21.96	22.16	21.98	22.50
HIGH			Q16	22.04	22.11	22.42	22.50	
12		LOW	Q16	21.56	21.38	21.54	22.00	
		MID	Q16	21.31	21.13	20.80	22.00	
		HIGH	Q16	21.07	21.02	20.99	22.00	
25		LOW	Q16	21.16	20.98	21.25	22.00	
5		1	LOW	64QAM	21.31	21.25	21.26	22.00
			MID	64QAM	21.35	21.06	21.35	22.00
	HIGH		64QAM	20.90	21.08	20.91	22.00	
	12	LOW	64QAM	20.16	19.86	19.60	21.00	
		MID	64QAM	20.22	20.36	19.80	21.00	
		HIGH	64QAM	20.16	20.12	19.96	21.00	
	25	LOW	64QAM	19.94	19.64	20.22	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	22.44	22.33	22.08	22.50
MID			QPSK	22.26	22.31	22.20	22.50	
HIGH			QPSK	22.37	22.31	22.35	22.50	
25		LOW	QPSK	22.03	22.31	22.22	22.50	
		MID	QPSK	22.46	22.09	22.14	22.50	
		HIGH	QPSK	22.46	22.24	21.91	22.50	
50		LOW	QPSK	22.11	22.43	22.08	22.50	
10		1	LOW	Q16	22.15	22.40	22.44	22.50
			MID	Q16	22.11	22.29	22.42	22.50
	HIGH		Q16	22.31	22.40	22.67	22.50	
	25	LOW	Q16	21.48	21.33	21.60	22.00	
		MID	Q16	21.42	21.36	21.18	22.00	
		HIGH	Q16	21.17	21.29	21.09	22.00	
	50	LOW	Q16	21.16	21.06	21.30	22.00	
	10	1	LOW	64QAM	21.37	21.36	21.39	22.00
			MID	64QAM	21.15	21.19	21.29	22.00
HIGH			64QAM	21.03	21.16	21.21	22.00	
25		LOW	64QAM	20.08	20.00	19.92	21.00	
		MID	64QAM	20.36	20.40	19.74	21.00	
		HIGH	64QAM	20.26	20.18	20.20	21.00	
50		LOW	64QAM	20.16	20.04	20.38	21.00	

LTE B5-Level5&6-Ant.0 (DC_5A_n7A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	20.23	20.37	20.25	20.50	
		MID	QPSK	20.15	20.43	19.85	20.50	
		HIGH	QPSK	19.93	20.13	20.31	20.50	
	3	LOW	QPSK	20.26	20.44	20.26	20.50	
		MID	QPSK	20.06	20.00	20.20	20.50	
		HIGH	QPSK	20.32	20.12	20.10	20.50	
	6	LOW	QPSK	20.25	20.29	20.25	20.50	
	1.4	1	LOW	Q16	20.22	20.16	20.50	20.50
			MID	Q16	19.85	20.03	20.13	20.50
HIGH			Q16	19.73	19.73	20.15	20.50	
3		LOW	Q16	19.85	19.57	20.05	20.50	
		MID	Q16	20.02	20.16	19.96	20.50	
		HIGH	Q16	19.82	19.80	19.84	20.50	
6		LOW	Q16	20.08	19.84	19.56	20.50	
1.4		1	LOW	64QAM	20.25	20.39	20.37	20.50
			MID	64QAM	19.97	20.27	19.85	20.50
	HIGH		64QAM	20.29	20.29	20.13	20.50	
	3	LOW	64QAM	20.10	20.10	19.98	20.50	
		MID	64QAM	20.02	20.20	19.98	20.50	
		HIGH	64QAM	20.00	19.68	20.10	20.50	
	6	LOW	64QAM	19.96	20.04	20.12	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	20.13	20.19	20.23	20.50
MID			QPSK	20.21	20.11	20.05	20.50	
HIGH			QPSK	20.39	19.67	20.19	20.50	
8		LOW	QPSK	20.44	20.42	19.92	20.50	
		MID	QPSK	20.08	20.10	20.16	20.50	
		HIGH	QPSK	20.38	20.26	20.24	20.50	
15		LOW	QPSK	20.15	20.21	19.89	20.50	
3		1	LOW	Q16	20.25	20.24	20.54	20.50
			MID	Q16	19.81	20.05	20.11	20.50
	HIGH		Q16	19.81	20.03	19.97	20.50	
	8	LOW	Q16	20.19	20.01	19.83	20.50	
		MID	Q16	20.22	20.00	20.04	20.50	
		HIGH	Q16	19.98	19.82	19.90	20.50	
	15	LOW	Q16	20.14	20.08	19.62	20.50	
	3	1	LOW	64QAM	20.09	20.19	20.25	20.50
			MID	64QAM	20.03	20.39	19.81	20.50
HIGH			64QAM	20.17	20.01	20.05	20.50	
8		LOW	64QAM	19.90	20.14	20.14	20.50	
		MID	64QAM	20.12	20.28	20.20	20.50	
		HIGH	64QAM	20.30	19.90	19.90	20.50	
15		LOW	64QAM	20.02	20.18	20.28	20.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	20.23	20.13	20.09	20.50	
		MID	QPSK	19.99	20.41	20.03	20.50	
		HIGH	QPSK	20.23	20.19	20.05	20.50	
	12	LOW	QPSK	20.36	20.30	20.14	20.50	
		MID	QPSK	20.10	20.10	20.08	20.50	
		HIGH	QPSK	20.42	20.40	20.14	20.50	
	25	LOW	QPSK	20.27	20.27	20.03	20.50	
	5	1	LOW	Q16	20.54	20.18	20.20	20.50
			MID	Q16	19.87	20.09	19.91	20.50
HIGH			Q16	20.15	19.89	20.33	20.50	
12		LOW	Q16	20.27	20.07	20.11	20.50	
		MID	Q16	20.24	20.20	19.96	20.50	
		HIGH	Q16	19.62	19.82	20.10	20.50	
25		LOW	Q16	20.22	19.92	19.72	20.50	
5		1	LOW	64QAM	20.09	20.29	20.21	20.50
			MID	64QAM	20.11	20.45	20.03	20.50
	HIGH		64QAM	20.03	20.03	20.05	20.50	
	12	LOW	64QAM	20.00	20.00	20.12	20.50	
		MID	64QAM	20.18	20.08	20.04	20.50	
		HIGH	64QAM	20.26	20.00	20.18	20.50	
	25	LOW	64QAM	19.96	20.00	20.32	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	20.31	20.33	20.23	20.50
MID			QPSK	20.13	20.41	20.25	20.50	
HIGH			QPSK	20.25	20.11	20.35	20.50	
25		LOW	QPSK	20.40	20.34	20.20	20.50	
		MID	QPSK	20.16	20.28	20.16	20.50	
		HIGH	QPSK	20.42	20.24	20.26	20.50	
50		LOW	QPSK	20.29	20.39	20.27	20.50	
10		1	LOW	Q16	20.44	20.38	20.46	20.50
			MID	Q16	20.11	20.19	20.11	20.50
	HIGH		Q16	19.99	20.11	20.29	20.50	
	25	LOW	Q16	20.19	19.93	20.25	20.50	
		MID	Q16	20.36	20.12	20.02	20.50	
		HIGH	Q16	20.02	19.94	20.08	20.50	
	50	LOW	Q16	20.28	20.00	19.88	20.50	
	10	1	LOW	64QAM	20.29	20.33	20.35	20.50
			MID	64QAM	20.15	20.37	20.07	20.50
HIGH			64QAM	20.19	20.21	20.19	20.50	
25		LOW	64QAM	20.14	20.28	20.26	20.50	
		MID	64QAM	20.28	20.36	20.14	20.50	
		HIGH	64QAM	20.24	20.00	20.10	20.50	
50		LOW	64QAM	20.08	20.22	20.32	20.50	

LTE B5-Level1-Ant.1 (DC_5A_n7A)								
Bandwidth (	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.36	23.51	23.44	24.00	
		MID	QPSK	23.06	23.51	23.48	24.00	
		HIGH	QPSK	23.56	23.49	23.47	24.00	
	3	LOW	QPSK	23.15	23.46	23.44	24.00	
		MID	QPSK	23.20	23.40	23.36	24.00	
		HIGH	QPSK	23.80	23.31	23.66	24.00	
	6	LOW	QPSK	22.00	22.62	22.11	23.00	
	1.4	1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
HIGH			Q16	22.48	21.97	22.17	23.00	
3		LOW	Q16	22.04	22.22	22.33	23.00	
		MID	Q16	22.04	21.75	21.82	23.00	
		HIGH	Q16	22.17	21.79	22.35	23.00	
6		LOW	Q16	21.10	21.12	21.31	22.00	
1.4		1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
	HIGH		64QAM	21.24	20.73	21.19	22.00	
	3	LOW	64QAM	21.30	21.36	21.15	22.00	
		MID	64QAM	21.51	20.93	20.88	22.00	
		HIGH	64QAM	21.01	20.72	21.17	22.00	
	6	LOW	64QAM	20.26	20.34	20.20	21.00	
	Bandwidth (RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.13	23.19	23.44	24.00
MID			QPSK	22.83	23.26	23.51	24.00	
HIGH			QPSK	23.44	23.37	23.50	24.00	
8		LOW	QPSK	22.07	22.15	22.00	23.00	
		MID	QPSK	21.95	21.84	21.79	23.00	
		HIGH	QPSK	22.54	22.08	21.98	23.00	
15		LOW	QPSK	21.76	22.66	21.95	23.00	
3		1	LOW	Q16	22.22	22.40	22.65	23.00
			MID	Q16	21.62	22.11	21.80	23.00
	HIGH		Q16	22.57	21.86	21.88	23.00	
	8	LOW	Q16	21.38	21.44	21.31	22.00	
		MID	Q16	21.60	20.50	21.16	22.00	
		HIGH	Q16	21.13	21.70	21.15	22.00	
	15	LOW	Q16	21.16	21.21	21.53	22.00	
	3	1	LOW	64QAM	21.13	21.72	21.04	22.00
			MID	64QAM	21.38	20.80	21.13	22.00
HIGH			64QAM	21.30	20.54	21.11	22.00	
8		LOW	64QAM	20.02	20.10	20.06	21.00	
		MID	64QAM	20.10	19.70	19.90	21.00	
		HIGH	64QAM	20.24	19.58	19.86	21.00	
15		LOW	64QAM	20.14	20.42	20.18	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.27	23.61	23.37	24.00	
		MID	QPSK	23.03	23.40	23.18	24.00	
		HIGH	QPSK	23.66	23.24	23.54	24.00	
	12	LOW	QPSK	22.09	22.60	21.84	23.00	
		MID	QPSK	21.84	21.90	22.15	23.00	
		HIGH	QPSK	22.43	22.51	21.98	23.00	
	25	LOW	QPSK	22.07	22.69	21.75	23.00	
	5	1	LOW	Q16	22.08	22.65	22.38	23.00
			MID	Q16	21.95	21.53	22.13	23.00
HIGH			Q16	22.24	21.97	21.77	23.00	
12		LOW	Q16	21.21	21.49	21.33	22.00	
		MID	Q16	21.26	20.53	21.22	22.00	
		HIGH	Q16	20.96	21.48	21.57	22.00	
25		LOW	Q16	20.95	21.06	21.08	22.00	
5		1	LOW	64QAM	21.38	21.25	20.86	22.00
			MID	64QAM	21.43	21.05	21.28	22.00
	HIGH		64QAM	21.35	20.70	21.21	22.00	
	12	LOW	64QAM	20.08	20.42	20.16	21.00	
		MID	64QAM	20.08	19.68	19.92	21.00	
		HIGH	64QAM	20.10	19.74	19.72	21.00	
	25	LOW	64QAM	20.10	20.00	20.20	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.36	23.51	23.44	24.00
MID			QPSK	23.06	23.51	23.48	24.00	
HIGH			QPSK	23.56	23.49	23.47	24.00	
25		LOW	QPSK	22.05	22.53	22.17	23.00	
		MID	QPSK	22.19	22.17	22.06	23.00	
		HIGH	QPSK	22.32	22.42	22.22	23.00	
50		LOW	QPSK	22.00	22.62	22.11	23.00	
10		1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
	HIGH		Q16	22.48	21.97	22.17	23.00	
	25	LOW	Q16	21.33	21.65	21.70	22.00	
		MID	Q16	21.37	20.59	21.05	22.00	
		HIGH	Q16	21.15	21.59	21.63	22.00	
	50	LOW	Q16	21.10	21.12	21.31	22.00	
	10	1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
HIGH			64QAM	21.24	20.73	21.19	22.00	
25		LOW	64QAM	20.26	20.32	20.16	21.00	
		MID	64QAM	20.00	19.88	19.88	21.00	
		HIGH	64QAM	20.22	19.66	19.84	21.00	
50		LOW	64QAM	20.26	20.34	20.20	21.00	

LTE B5-Level2&3-Ant.1 (DC_5A_n7A)								
Bandwidth (	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.36	23.51	23.44	24.00	
		MID	QPSK	23.06	23.51	23.48	24.00	
		HIGH	QPSK	23.56	23.49	23.47	24.00	
	3	LOW	QPSK	23.15	23.46	23.44	24.00	
		MID	QPSK	23.20	23.40	23.36	24.00	
		HIGH	QPSK	23.80	23.31	23.66	24.00	
	6	LOW	QPSK	22.00	22.62	22.11	23.00	
	1.4	1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
HIGH			Q16	22.48	21.97	22.17	23.00	
3		LOW	Q16	22.04	22.22	22.33	23.00	
		MID	Q16	22.04	21.75	21.82	23.00	
		HIGH	Q16	22.17	21.79	22.35	23.00	
6		LOW	Q16	21.10	21.12	21.31	22.00	
1.4		1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
	HIGH		64QAM	21.24	20.73	21.19	22.00	
	3	LOW	64QAM	21.30	21.36	21.15	22.00	
		MID	64QAM	21.51	20.93	20.88	22.00	
		HIGH	64QAM	21.01	20.72	21.17	22.00	
	6	LOW	64QAM	20.26	20.34	20.20	21.00	
	Bandwidth (RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.13	23.19	23.44	24.00
MID			QPSK	22.83	23.26	23.51	24.00	
HIGH			QPSK	23.44	23.37	23.50	24.00	
8		LOW	QPSK	22.07	22.15	22.00	23.00	
		MID	QPSK	21.95	21.84	21.79	23.00	
		HIGH	QPSK	22.54	22.08	21.98	23.00	
15		LOW	QPSK	21.76	22.66	21.95	23.00	
3		1	LOW	Q16	22.22	22.40	22.65	23.00
			MID	Q16	21.62	22.11	21.80	23.00
	HIGH		Q16	22.57	21.86	21.88	23.00	
	8	LOW	Q16	21.38	21.44	21.31	22.00	
		MID	Q16	21.60	20.50	21.16	22.00	
		HIGH	Q16	21.13	21.70	21.15	22.00	
	15	LOW	Q16	21.16	21.21	21.53	22.00	
	3	1	LOW	64QAM	21.13	21.72	21.04	22.00
			MID	64QAM	21.38	20.80	21.13	22.00
HIGH			64QAM	21.30	20.54	21.11	22.00	
8		LOW	64QAM	20.02	20.10	20.06	21.00	
		MID	64QAM	20.10	19.70	19.90	21.00	
		HIGH	64QAM	20.24	19.58	19.86	21.00	
15		LOW	64QAM	20.14	20.42	20.18	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.27	23.61	23.37	24.00	
		MID	QPSK	23.03	23.40	23.18	24.00	
		HIGH	QPSK	23.66	23.24	23.54	24.00	
	12	LOW	QPSK	22.09	22.60	21.84	23.00	
		MID	QPSK	21.84	21.90	22.15	23.00	
		HIGH	QPSK	22.43	22.51	21.98	23.00	
	25	LOW	QPSK	22.07	22.69	21.75	23.00	
	5	1	LOW	Q16	22.08	22.65	22.38	23.00
			MID	Q16	21.95	21.53	22.13	23.00
HIGH			Q16	22.24	21.97	21.77	23.00	
12		LOW	Q16	21.21	21.49	21.33	22.00	
		MID	Q16	21.26	20.53	21.22	22.00	
		HIGH	Q16	20.96	21.48	21.57	22.00	
25		LOW	Q16	20.95	21.06	21.08	22.00	
5		1	LOW	64QAM	21.38	21.25	20.86	22.00
			MID	64QAM	21.43	21.05	21.28	22.00
	HIGH		64QAM	21.35	20.70	21.21	22.00	
	12	LOW	64QAM	20.08	20.42	20.16	21.00	
		MID	64QAM	20.08	19.68	19.92	21.00	
		HIGH	64QAM	20.10	19.74	19.72	21.00	
	25	LOW	64QAM	20.10	20.00	20.20	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.36	23.51	23.44	24.00
MID			QPSK	23.06	23.51	23.48	24.00	
HIGH			QPSK	23.56	23.49	23.47	24.00	
25		LOW	QPSK	22.05	22.53	22.17	23.00	
		MID	QPSK	22.19	22.17	22.06	23.00	
		HIGH	QPSK	22.32	22.42	22.22	23.00	
50		LOW	QPSK	22.00	22.62	22.11	23.00	
10		1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
	HIGH		Q16	22.48	21.97	22.17	23.00	
	25	LOW	Q16	21.33	21.65	21.70	22.00	
		MID	Q16	21.37	20.59	21.05	22.00	
		HIGH	Q16	21.15	21.59	21.63	22.00	
	50	LOW	Q16	21.10	21.12	21.31	22.00	
	10	1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
HIGH			64QAM	21.24	20.73	21.19	22.00	
25		LOW	64QAM	20.26	20.32	20.16	21.00	
		MID	64QAM	20.00	19.88	19.88	21.00	
		HIGH	64QAM	20.22	19.66	19.84	21.00	
50		LOW	64QAM	20.26	20.34	20.20	21.00	

LTE B5-Level4 (sensor off)-Ant.1 (DC_5A_n7A)								
Bandwidth (	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.36	23.51	23.44	24.00	
		MID	QPSK	23.06	23.51	23.48	24.00	
		HIGH	QPSK	23.56	23.49	23.47	24.00	
	3	LOW	QPSK	23.15	23.46	23.44	24.00	
		MID	QPSK	23.20	23.40	23.36	24.00	
		HIGH	QPSK	23.80	23.31	23.66	24.00	
	6	LOW	QPSK	22.00	22.62	22.11	23.00	
	1.4	1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
HIGH			Q16	22.48	21.97	22.17	23.00	
3		LOW	Q16	22.04	22.22	22.33	23.00	
		MID	Q16	22.04	21.75	21.82	23.00	
		HIGH	Q16	22.17	21.79	22.35	23.00	
6		LOW	Q16	21.10	21.12	21.31	22.00	
1.4		1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
	HIGH		64QAM	21.24	20.73	21.19	22.00	
	3	LOW	64QAM	21.30	21.36	21.15	22.00	
		MID	64QAM	21.51	20.93	20.88	22.00	
		HIGH	64QAM	21.01	20.72	21.17	22.00	
	6	LOW	64QAM	20.26	20.34	20.20	21.00	
	Bandwidth (RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.13	23.19	23.44	24.00
MID			QPSK	22.83	23.26	23.51	24.00	
HIGH			QPSK	23.44	23.37	23.50	24.00	
8		LOW	QPSK	22.07	22.15	22.00	23.00	
		MID	QPSK	21.95	21.84	21.79	23.00	
		HIGH	QPSK	22.54	22.08	21.98	23.00	
15		LOW	QPSK	21.76	22.66	21.95	23.00	
3		1	LOW	Q16	22.22	22.40	22.65	23.00
			MID	Q16	21.62	22.11	21.80	23.00
	HIGH		Q16	22.57	21.86	21.88	23.00	
	8	LOW	Q16	21.38	21.44	21.31	22.00	
		MID	Q16	21.60	20.50	21.16	22.00	
		HIGH	Q16	21.13	21.70	21.15	22.00	
	15	LOW	Q16	21.16	21.21	21.53	22.00	
	3	1	LOW	64QAM	21.13	21.72	21.04	22.00
			MID	64QAM	21.38	20.80	21.13	22.00
HIGH			64QAM	21.30	20.54	21.11	22.00	
8		LOW	64QAM	20.02	20.10	20.06	21.00	
		MID	64QAM	20.10	19.70	19.90	21.00	
		HIGH	64QAM	20.24	19.58	19.86	21.00	
15		LOW	64QAM	20.14	20.42	20.18	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.27	23.61	23.37	24.00	
		MID	QPSK	23.03	23.40	23.18	24.00	
		HIGH	QPSK	23.66	23.24	23.54	24.00	
	12	LOW	QPSK	22.09	22.60	21.84	23.00	
		MID	QPSK	21.84	21.90	22.15	23.00	
		HIGH	QPSK	22.43	22.51	21.98	23.00	
	25	LOW	QPSK	22.07	22.69	21.75	23.00	
	5	1	LOW	Q16	22.08	22.65	22.38	23.00
			MID	Q16	21.95	21.53	22.13	23.00
HIGH			Q16	22.24	21.97	21.77	23.00	
12		LOW	Q16	21.21	21.49	21.33	22.00	
		MID	Q16	21.26	20.53	21.22	22.00	
		HIGH	Q16	20.96	21.48	21.57	22.00	
25		LOW	Q16	20.95	21.06	21.08	22.00	
5		1	LOW	64QAM	21.38	21.25	20.86	22.00
			MID	64QAM	21.43	21.05	21.28	22.00
	HIGH		64QAM	21.35	20.70	21.21	22.00	
	12	LOW	64QAM	20.08	20.42	20.16	21.00	
		MID	64QAM	20.08	19.68	19.92	21.00	
		HIGH	64QAM	20.10	19.74	19.72	21.00	
	25	LOW	64QAM	20.10	20.00	20.20	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.36	23.51	23.44	24.00
MID			QPSK	23.06	23.51	23.48	24.00	
HIGH			QPSK	23.56	23.49	23.47	24.00	
25		LOW	QPSK	22.05	22.53	22.17	23.00	
		MID	QPSK	22.19	22.17	22.06	23.00	
		HIGH	QPSK	22.32	22.42	22.22	23.00	
50		LOW	QPSK	22.00	22.62	22.11	23.00	
10		1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
	HIGH		Q16	22.48	21.97	22.17	23.00	
	25	LOW	Q16	21.33	21.65	21.70	22.00	
		MID	Q16	21.37	20.59	21.05	22.00	
		HIGH	Q16	21.15	21.59	21.63	22.00	
	50	LOW	Q16	21.10	21.12	21.31	22.00	
	10	1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
HIGH			64QAM	21.24	20.73	21.19	22.00	
25		LOW	64QAM	20.26	20.32	20.16	21.00	
		MID	64QAM	20.00	19.88	19.88	21.00	
		HIGH	64QAM	20.22	19.66	19.84	21.00	
50		LOW	64QAM	20.26	20.34	20.20	21.00	

LTE B5-Level4 (sensor on 2)-Ant.1 (DC_5A_n7A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.05	22.94	23.26	23.50	
		MID	QPSK	23.34	22.89	22.82	23.50	
		HIGH	QPSK	23.37	23.13	22.94	23.50	
	3	LOW	QPSK	22.84	22.94	22.80	23.50	
		MID	QPSK	23.60	22.35	22.68	23.50	
		HIGH	QPSK	23.02	23.21	23.14	23.50	
	6	LOW	QPSK	21.90	22.79	22.17	23.00	
	1.4	1	LOW	Q16	22.36	22.41	21.89	23.00
			MID	Q16	21.76	21.63	22.16	23.00
HIGH			Q16	22.09	21.95	22.27	23.00	
3		LOW	Q16	22.56	22.62	22.05	23.00	
		MID	Q16	21.36	22.22	22.39	23.00	
		HIGH	Q16	22.06	21.70	22.23	23.00	
6		LOW	Q16	20.70	21.55	21.23	22.00	
1.4		1	LOW	64QAM	21.33	21.22	21.46	22.00
			MID	64QAM	21.04	21.68	21.27	22.00
	HIGH		64QAM	21.08	20.72	21.22	22.00	
	3	LOW	64QAM	21.29	21.59	21.30	22.00	
		MID	64QAM	20.98	21.14	20.84	22.00	
		HIGH	64QAM	21.02	21.06	21.10	22.00	
	6	LOW	64QAM	19.74	19.66	19.78	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.28	22.71	22.96	23.50
MID			QPSK	23.43	22.98	22.89	23.50	
HIGH			QPSK	23.37	23.08	23.30	23.50	
8		LOW	QPSK	22.03	22.67	21.80	23.00	
		MID	QPSK	22.04	22.47	22.45	23.00	
		HIGH	QPSK	21.78	22.16	22.65	23.00	
15		LOW	QPSK	22.18	22.51	21.90	23.00	
3		1	LOW	Q16	22.14	22.75	22.10	23.00
			MID	Q16	21.90	22.00	22.08	23.00
	HIGH		Q16	22.03	22.17	22.18	23.00	
	8	LOW	Q16	21.12	21.15	21.23	22.00	
		MID	Q16	20.85	20.62	21.22	22.00	
		HIGH	Q16	21.24	21.07	20.96	22.00	
	15	LOW	Q16	20.97	21.70	21.19	22.00	
	3	1	LOW	64QAM	21.35	21.78	21.51	22.00
			MID	64QAM	21.15	21.66	21.29	22.00
HIGH			64QAM	20.91	20.74	21.25	22.00	
8		LOW	64QAM	19.38	19.66	20.24	21.00	
		MID	64QAM	20.00	20.28	20.38	21.00	
		HIGH	64QAM	20.06	19.58	20.16	21.00	
15		LOW	64QAM	19.58	19.80	19.88	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.03	22.64	22.73	23.50	
		MID	QPSK	23.06	22.73	23.19	23.50	
		HIGH	QPSK	23.68	23.03	23.01	23.50	
	12	LOW	QPSK	21.96	22.53	21.69	23.00	
		MID	QPSK	22.36	22.36	22.24	23.00	
		HIGH	QPSK	21.97	22.65	22.48	23.00	
	25	LOW	QPSK	21.99	22.55	21.81	23.00	
	5	1	LOW	Q16	22.36	22.36	22.11	23.00
			MID	Q16	21.64	21.67	22.28	23.00
HIGH			Q16	22.03	22.25	22.19	23.00	
12		LOW	Q16	21.38	21.12	21.08	22.00	
		MID	Q16	20.70	21.05	21.04	22.00	
		HIGH	Q16	20.99	21.18	20.81	22.00	
25		LOW	Q16	20.34	21.44	21.49	22.00	
5		1	LOW	64QAM	21.59	21.14	21.73	22.00
			MID	64QAM	21.17	21.23	21.58	22.00
	HIGH		64QAM	20.93	20.89	21.15	22.00	
	12	LOW	64QAM	19.74	20.02	20.16	21.00	
		MID	64QAM	20.30	20.22	20.14	21.00	
		HIGH	64QAM	20.08	19.46	20.00	21.00	
	25	LOW	64QAM	19.66	19.48	20.04	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.12	23.03	23.03	23.50
MID			QPSK	23.34	22.96	22.96	23.50	
HIGH			QPSK	23.51	23.17	23.33	23.50	
25		LOW	QPSK	21.96	22.53	21.91	23.00	
		MID	QPSK	22.27	22.25	22.41	23.00	
		HIGH	QPSK	22.11	22.43	22.43	23.00	
50		LOW	QPSK	22.03	22.60	21.88	23.00	
10		1	LOW	Q16	22.25	22.57	22.17	23.00
			MID	Q16	21.90	21.94	22.23	23.00
	HIGH		Q16	22.30	22.19	22.34	23.00	
	25	LOW	Q16	21.46	21.33	21.27	22.00	
		MID	Q16	20.89	20.76	21.31	22.00	
		HIGH	Q16	21.03	21.05	21.23	22.00	
	50	LOW	Q16	20.74	21.48	21.21	22.00	
	10	1	LOW	64QAM	21.46	21.52	21.48	22.00
			MID	64QAM	21.23	21.44	21.48	22.00
HIGH			64QAM	21.08	20.89	21.10	22.00	
25		LOW	64QAM	19.68	19.98	20.12	21.00	
		MID	64QAM	20.16	20.36	20.36	21.00	
		HIGH	64QAM	20.20	19.78	19.96	21.00	
50		LOW	64QAM	19.74	19.74	19.88	21.00	

LTE B5-Level5&6(sensor off)-Ant.1 (DC_5A_n7A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.36	23.51	23.44	24.00	
		MID	QPSK	23.06	23.51	23.48	24.00	
		HIGH	QPSK	23.56	23.49	23.47	24.00	
	3	LOW	QPSK	23.15	23.46	23.44	24.00	
		MID	QPSK	23.20	23.40	23.36	24.00	
		HIGH	QPSK	23.80	23.31	23.66	24.00	
	6	LOW	QPSK	22.00	22.62	22.11	23.00	
	1.4	1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
HIGH			Q16	22.48	21.97	22.17	23.00	
3		LOW	Q16	22.04	22.22	22.33	23.00	
		MID	Q16	22.04	21.75	21.82	23.00	
		HIGH	Q16	22.17	21.79	22.35	23.00	
6		LOW	Q16	21.10	21.12	21.31	22.00	
1.4		1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
	HIGH		64QAM	21.24	20.73	21.19	22.00	
	3	LOW	64QAM	21.30	21.36	21.15	22.00	
		MID	64QAM	21.51	20.93	20.88	22.00	
		HIGH	64QAM	21.01	20.72	21.17	22.00	
	6	LOW	64QAM	20.26	20.34	20.20	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.13	23.19	23.44	24.00
MID			QPSK	22.83	23.26	23.51	24.00	
HIGH			QPSK	23.44	23.37	23.50	24.00	
8		LOW	QPSK	22.07	22.15	22.00	23.00	
		MID	QPSK	21.95	21.84	21.79	23.00	
		HIGH	QPSK	22.54	22.08	21.98	23.00	
15		LOW	QPSK	21.76	22.66	21.95	23.00	
3		1	LOW	Q16	22.22	22.40	22.65	23.00
			MID	Q16	21.62	22.11	21.80	23.00
	HIGH		Q16	22.57	21.86	21.88	23.00	
	8	LOW	Q16	21.38	21.44	21.31	22.00	
		MID	Q16	21.60	20.50	21.16	22.00	
		HIGH	Q16	21.13	21.70	21.15	22.00	
	15	LOW	Q16	21.16	21.21	21.53	22.00	
	3	1	LOW	64QAM	21.13	21.72	21.04	22.00
			MID	64QAM	21.38	20.80	21.13	22.00
HIGH			64QAM	21.30	20.54	21.11	22.00	
8		LOW	64QAM	20.02	20.10	20.06	21.00	
		MID	64QAM	20.10	19.70	19.90	21.00	
		HIGH	64QAM	20.24	19.58	19.86	21.00	
15		LOW	64QAM	20.14	20.42	20.18	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.27	23.61	23.37	24.00	
		MID	QPSK	23.03	23.40	23.18	24.00	
		HIGH	QPSK	23.66	23.24	23.54	24.00	
	12	LOW	QPSK	22.09	22.60	21.84	23.00	
		MID	QPSK	21.84	21.90	22.15	23.00	
		HIGH	QPSK	22.43	22.51	21.98	23.00	
	25	LOW	QPSK	22.07	22.69	21.75	23.00	
	5	1	LOW	Q16	22.08	22.65	22.38	23.00
			MID	Q16	21.95	21.53	22.13	23.00
HIGH			Q16	22.24	21.97	21.77	23.00	
12		LOW	Q16	21.21	21.49	21.33	22.00	
		MID	Q16	21.26	20.53	21.22	22.00	
		HIGH	Q16	20.96	21.48	21.57	22.00	
25		LOW	Q16	20.95	21.06	21.08	22.00	
5		1	LOW	64QAM	21.38	21.25	20.86	22.00
			MID	64QAM	21.43	21.05	21.28	22.00
	HIGH		64QAM	21.35	20.70	21.21	22.00	
	12	LOW	64QAM	20.08	20.42	20.16	21.00	
		MID	64QAM	20.08	19.68	19.92	21.00	
		HIGH	64QAM	20.10	19.74	19.72	21.00	
	25	LOW	64QAM	20.10	20.00	20.20	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.36	23.51	23.44	24.00
MID			QPSK	23.06	23.51	23.48	24.00	
HIGH			QPSK	23.56	23.49	23.47	24.00	
25		LOW	QPSK	22.05	22.53	22.17	23.00	
		MID	QPSK	22.19	22.17	22.06	23.00	
		HIGH	QPSK	22.32	22.42	22.22	23.00	
50		LOW	QPSK	22.00	22.62	22.11	23.00	
10		1	LOW	Q16	22.24	22.56	22.54	23.00
			MID	Q16	21.93	21.97	22.06	23.00
	HIGH		Q16	22.48	21.97	22.17	23.00	
	25	LOW	Q16	21.33	21.65	21.70	22.00	
		MID	Q16	21.37	20.59	21.05	22.00	
		HIGH	Q16	21.15	21.59	21.63	22.00	
	50	LOW	Q16	21.10	21.12	21.31	22.00	
	10	1	LOW	64QAM	21.36	21.53	21.11	22.00
			MID	64QAM	21.32	21.14	21.24	22.00
HIGH			64QAM	21.24	20.73	21.19	22.00	
25		LOW	64QAM	20.26	20.32	20.16	21.00	
		MID	64QAM	20.00	19.88	19.88	21.00	
		HIGH	64QAM	20.22	19.66	19.84	21.00	
50		LOW	64QAM	20.26	20.34	20.20	21.00	

LTE B5-Level5&6 (sensor on 2)-Ant.1 (DC_5A_n7A)								
Bandwidth (	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.05	22.94	23.26	23.50	
		MID	QPSK	23.34	22.89	22.82	23.50	
		HIGH	QPSK	23.37	23.13	22.94	23.50	
	3	LOW	QPSK	22.84	22.94	22.80	23.50	
		MID	QPSK	23.60	22.35	22.68	23.50	
		HIGH	QPSK	23.02	23.21	23.14	23.50	
	6	LOW	QPSK	21.90	22.79	22.17	23.00	
	1.4	1	LOW	Q16	22.36	22.41	21.89	23.00
			MID	Q16	21.76	21.63	22.16	23.00
HIGH			Q16	22.09	21.95	22.27	23.00	
3		LOW	Q16	22.56	22.62	22.05	23.00	
		MID	Q16	21.36	22.22	22.39	23.00	
		HIGH	Q16	22.06	21.70	22.23	23.00	
6		LOW	Q16	20.70	21.55	21.23	22.00	
1.4		1	LOW	64QAM	21.33	21.22	21.46	22.00
			MID	64QAM	21.04	21.68	21.27	22.00
	HIGH		64QAM	21.08	20.72	21.22	22.00	
	3	LOW	64QAM	21.29	21.59	21.30	22.00	
		MID	64QAM	20.98	21.14	20.84	22.00	
		HIGH	64QAM	21.02	21.06	21.10	22.00	
	6	LOW	64QAM	19.74	19.66	19.78	21.00	
	Bandwidth (RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
	3	1	LOW	QPSK	23.28	22.71	22.96	23.50
MID			QPSK	23.43	22.98	22.89	23.50	
HIGH			QPSK	23.37	23.08	23.30	23.50	
8		LOW	QPSK	22.03	22.67	21.80	23.00	
		MID	QPSK	22.04	22.47	22.45	23.00	
		HIGH	QPSK	21.78	22.16	22.65	23.00	
15		LOW	QPSK	22.18	22.51	21.90	23.00	
3		1	LOW	Q16	22.14	22.75	22.10	23.00
			MID	Q16	21.90	22.00	22.08	23.00
	HIGH		Q16	22.03	22.17	22.18	23.00	
	8	LOW	Q16	21.12	21.15	21.23	22.00	
		MID	Q16	20.85	20.62	21.22	22.00	
		HIGH	Q16	21.24	21.07	20.96	22.00	
	15	LOW	Q16	20.97	21.70	21.19	22.00	
	3	1	LOW	64QAM	21.35	21.78	21.51	22.00
			MID	64QAM	21.15	21.66	21.29	22.00
HIGH			64QAM	20.91	20.74	21.25	22.00	
8		LOW	64QAM	19.38	19.66	20.24	21.00	
		MID	64QAM	20.00	20.28	20.38	21.00	
		HIGH	64QAM	20.06	19.58	20.16	21.00	
15		LOW	64QAM	19.58	19.80	19.88	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)	
5	1	LOW	QPSK	23.03	22.64	22.73	23.50	
		MID	QPSK	23.06	22.73	23.19	23.50	
		HIGH	QPSK	23.68	23.03	23.01	23.50	
	12	LOW	QPSK	21.96	22.53	21.69	23.00	
		MID	QPSK	22.36	22.36	22.24	23.00	
		HIGH	QPSK	21.97	22.65	22.48	23.00	
	25	LOW	QPSK	21.99	22.55	21.81	23.00	
	5	1	LOW	Q16	22.36	22.36	22.11	23.00
			MID	Q16	21.64	21.67	22.28	23.00
HIGH			Q16	22.03	22.25	22.19	23.00	
12		LOW	Q16	21.38	21.12	21.08	22.00	
		MID	Q16	20.70	21.05	21.04	22.00	
		HIGH	Q16	20.99	21.18	20.81	22.00	
25		LOW	Q16	20.34	21.44	21.49	22.00	
5		1	LOW	64QAM	21.59	21.14	21.73	22.00
			MID	64QAM	21.17	21.23	21.58	22.00
	HIGH		64QAM	20.93	20.89	21.15	22.00	
	12	LOW	64QAM	19.74	20.02	20.16	21.00	
		MID	64QAM	20.30	20.22	20.14	21.00	
		HIGH	64QAM	20.08	19.46	20.00	21.00	
	25	LOW	64QAM	19.66	19.48	20.04	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
	10	1	LOW	QPSK	23.12	23.03	23.03	23.50
MID			QPSK	23.34	22.96	22.96	23.50	
HIGH			QPSK	23.51	23.17	23.33	23.50	
25		LOW	QPSK	21.96	22.53	21.91	23.00	
		MID	QPSK	22.27	22.25	22.41	23.00	
		HIGH	QPSK	22.11	22.43	22.43	23.00	
50		LOW	QPSK	22.03	22.60	21.88	23.00	
10		1	LOW	Q16	22.25	22.57	22.17	23.00
			MID	Q16	21.90	21.94	22.23	23.00
	HIGH		Q16	22.30	22.19	22.34	23.00	
	25	LOW	Q16	21.46	21.33	21.27	22.00	
		MID	Q16	20.89	20.76	21.31	22.00	
		HIGH	Q16	21.03	21.05	21.23	22.00	
	50	LOW	Q16	20.74	21.48	21.21	22.00	
	10	1	LOW	64QAM	21.46	21.52	21.48	22.00
			MID	64QAM	21.23	21.44	21.48	22.00
HIGH			64QAM	21.08	20.89	21.10	22.00	
25		LOW	64QAM	19.68	19.98	20.12	21.00	
		MID	64QAM	20.16	20.36	20.36	21.00	
		HIGH	64QAM	20.20	19.78	19.96	21.00	
50		LOW	64QAM	19.74	19.74	19.88	21.00	

8.3.4 LTE Band7 Output Power

LTE B7-Level1-Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	15.94	16.03	16.23	16.50	
		MID	QPSK	15.96	16.02	16.28	16.50	
		HIGH	QPSK	15.95	16.02	16.26	16.50	
	12	LOW	QPSK	15.98	15.99	16.13	16.50	
		MID	QPSK	15.94	15.94	16.12	16.50	
		HIGH	QPSK	15.97	15.98	16.10	16.50	
	25	LOW	QPSK	15.96	15.99	16.11	16.50	
	5	1	LOW	Q16	16.27	16.04	16.40	16.50
			MID	Q16	16.29	16.04	16.42	16.50
HIGH			Q16	16.27	16.04	16.44	16.50	
12		LOW	Q16	16.10	16.05	16.17	16.50	
		MID	Q16	16.07	16.02	16.14	16.50	
		HIGH	Q16	16.08	16.01	16.14	16.50	
25		LOW	Q16	16.02	15.97	16.16	16.50	
5		1	LOW	64QAM	16.32	16.07	16.47	16.50
			MID	64QAM	16.36	16.12	16.34	16.50
	HIGH		64QAM	16.34	15.98	16.36	16.50	
	12	LOW	64QAM	16.08	16.10	16.17	16.50	
		MID	64QAM	16.07	15.97	16.06	16.50	
		HIGH	64QAM	16.08	15.98	16.09	16.50	
	25	LOW	64QAM	15.96	16.03	16.14	16.50	
	10	1	LOW	QPSK	15.95	15.90	15.99	16.50
			MID	QPSK	15.99	16.00	16.07	16.50
HIGH			QPSK	16.00	15.99	16.09	16.50	
25		LOW	QPSK	15.97	16.00	16.08	16.50	
		MID	QPSK	15.99	16.00	16.11	16.50	
		HIGH	QPSK	16.01	16.00	16.17	16.50	
50		LOW	QPSK	15.99	16.04	16.15	16.50	
10		1	LOW	Q16	15.82	16.29	15.91	16.50
			MID	Q16	15.86	16.37	16.04	16.50
	HIGH		Q16	15.88	16.37	16.06	16.50	
	25	LOW	Q16	16.00	16.05	16.20	16.50	
		MID	Q16	16.03	16.06	16.26	16.50	
		HIGH	Q16	16.04	16.09	16.26	16.50	
	50	LOW	Q16	16.01	16.03	16.14	16.50	
	10	1	LOW	64QAM	15.84	16.22	15.93	16.50
			MID	64QAM	15.94	16.42	16.10	16.50
HIGH			64QAM	15.93	16.37	16.09	16.50	
25		LOW	64QAM	15.90	15.99	16.26	16.50	
		MID	64QAM	16.00	16.03	16.31	16.50	
		HIGH	64QAM	16.06	16.09	16.24	16.50	
50		LOW	64QAM	16.01	15.97	16.22	16.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.87	15.88	15.86	16.50	
		MID	QPSK	15.95	15.97	15.99	16.50	
		HIGH	QPSK	15.91	15.91	15.97	16.50	
	36	LOW	QPSK	15.92	15.95	16.02	16.50	
		MID	QPSK	15.95	15.98	16.06	16.50	
		HIGH	QPSK	15.98	15.96	16.13	16.50	
	75	LOW	QPSK	15.97	15.98	16.06	16.50	
	15	1	LOW	Q16	15.76	16.26	16.27	16.50
			MID	Q16	15.83	16.37	16.41	16.50
HIGH			Q16	15.82	16.33	16.33	16.50	
36		LOW	Q16	15.95	16.03	16.05	16.50	
		MID	Q16	16.00	16.06	16.08	16.50	
		HIGH	Q16	16.02	16.02	16.12	16.50	
75		LOW	Q16	15.96	16.01	16.06	16.50	
15		1	LOW	64QAM	15.82	16.19	16.32	16.50
			MID	64QAM	15.83	16.35	16.33	16.50
	HIGH		64QAM	15.74	16.41	16.28	16.50	
	36	LOW	64QAM	16.01	16.01	16.05	16.50	
		MID	64QAM	16.02	16.04	16.06	16.50	
		HIGH	64QAM	16.02	16.02	16.10	16.50	
	75	LOW	64QAM	15.96	15.96	16.06	16.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	15.76	15.84	15.82	16.50
MID			QPSK	15.92	16.03	16.07	16.50	
HIGH			QPSK	15.85	15.96	15.94	16.50	
50		LOW	QPSK	15.94	16.02	16.04	16.50	
		MID	QPSK	16.01	16.03	16.08	16.50	
		HIGH	QPSK	16.03	15.96	16.13	16.50	
100		LOW	QPSK	15.95	15.96	16.05	16.50	
20		1	LOW	Q16	16.13	16.19	16.03	16.50
			MID	Q16	16.26	16.37	16.17	16.50
	HIGH		Q16	16.19	16.30	16.15	16.50	
	50	LOW	Q16	15.99	16.01	16.01	16.50	
		MID	Q16	16.02	16.06	16.07	16.50	
		HIGH	Q16	16.07	16.01	16.09	16.50	
	100	LOW	Q16	15.98	15.94	16.07	16.50	
	20	1	LOW	64QAM	16.18	16.14	15.97	16.50
			MID	64QAM	16.34	16.37	16.20	16.50
HIGH			64QAM	16.13	16.30	16.15	16.50	
50		LOW	64QAM	15.96	16.03	16.09	16.50	
		MID	64QAM	15.96	16.11	15.99	16.50	
		HIGH	64QAM	16.05	15.99	16.07	16.50	
100		LOW	64QAM	15.98	15.88	16.04	16.50	

LTE B7-Level2&3-Ant.3

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	13.07	13.01	13.15	13.50	
		MID	QPSK	13.11	13.03	13.13	13.50	
		HIGH	QPSK	13.06	13.01	13.13	13.50	
	12	LOW	QPSK	12.98	13.04	13.14	13.50	
		MID	QPSK	12.93	13.00	13.12	13.50	
		HIGH	QPSK	12.91	12.99	13.10	13.50	
	25	LOW	QPSK	12.90	13.04	13.12	13.50	
	5	1	LOW	Q16	13.23	13.31	13.09	13.50
			MID	Q16	13.25	13.30	13.12	13.50
HIGH			Q16	13.25	13.30	13.11	13.50	
12		LOW	Q16	12.97	13.16	13.17	13.50	
		MID	Q16	12.94	13.12	13.17	13.50	
		HIGH	Q16	12.98	13.11	13.16	13.50	
25		LOW	Q16	12.95	13.08	13.12	13.50	
5		1	LOW	64QAM	13.24	13.23	13.09	13.50
			MID	64QAM	13.21	13.31	13.17	13.50
	HIGH		64QAM	13.26	13.37	13.12	13.50	
	12	LOW	64QAM	12.98	13.15	13.10	13.50	
		MID	64QAM	12.94	13.04	13.16	13.50	
		HIGH	64QAM	12.93	13.06	13.19	13.50	
	25	LOW	64QAM	12.87	13.05	13.17	13.50	
	10	1	LOW	QPSK	12.93	12.96	13.02	13.50
			MID	QPSK	12.96	13.04	13.09	13.50
HIGH			QPSK	12.99	13.00	13.08	13.50	
25		LOW	QPSK	12.94	13.03	13.08	13.50	
		MID	QPSK	12.95	13.04	13.12	13.50	
		HIGH	QPSK	12.99	13.09	13.14	13.50	
50		LOW	QPSK	12.98	13.08	13.14	13.50	
10		1	LOW	Q16	12.79	13.32	12.99	13.50
			MID	Q16	12.83	13.39	13.05	13.50
	HIGH		Q16	12.89	13.41	13.05	13.50	
	25	LOW	Q16	13.00	13.08	13.21	13.50	
		MID	Q16	12.99	13.08	13.21	13.50	
		HIGH	Q16	13.02	13.11	13.22	13.50	
	50	LOW	Q16	12.98	13.09	13.16	13.50	
	10	1	LOW	64QAM	12.80	13.29	12.99	13.50
			MID	64QAM	12.77	13.34	12.98	13.50
HIGH			64QAM	12.89	13.34	13.04	13.50	
25		LOW	64QAM	12.92	13.12	13.21	13.50	
		MID	64QAM	12.99	13.12	13.28	13.50	
		HIGH	64QAM	13.01	13.14	13.25	13.50	
50		LOW	64QAM	12.97	13.04	13.23	13.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	12.87	12.92	12.91	13.50	
		MID	QPSK	12.96	13.03	13.06	13.50	
		HIGH	QPSK	12.94	12.96	13.00	13.50	
	36	LOW	QPSK	12.89	12.97	13.06	13.50	
		MID	QPSK	12.93	12.98	13.08	13.50	
		HIGH	QPSK	12.96	13.01	13.16	13.50	
	75	LOW	QPSK	12.95	13.05	13.11	13.50	
	15	1	LOW	Q16	12.78	13.30	13.29	13.50
			MID	Q16	12.84	13.42	13.41	13.50
HIGH			Q16	12.85	13.37	13.34	13.50	
36		LOW	Q16	12.91	13.07	13.04	13.50	
		MID	Q16	12.97	13.06	13.07	13.50	
		HIGH	Q16	13.01	13.07	13.16	13.50	
75		LOW	Q16	12.98	13.03	13.08	13.50	
15		1	LOW	64QAM	12.70	13.33	13.24	13.50
			MID	64QAM	12.80	13.43	13.34	13.50
	HIGH		64QAM	12.79	13.36	13.31	13.50	
	36	LOW	64QAM	12.95	13.00	13.07	13.50	
		MID	64QAM	13.01	12.99	13.00	13.50	
		HIGH	64QAM	13.04	13.07	13.11	13.50	
	75	LOW	64QAM	12.94	12.96	13.03	13.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	12.79	12.87	12.88	13.50
MID			QPSK	12.96	13.04	13.05	13.50	
HIGH			QPSK	12.90	12.97	12.97	13.50	
50		LOW	QPSK	12.98	13.07	13.07	13.50	
		MID	QPSK	13.04	13.03	13.09	13.50	
		HIGH	QPSK	13.08	12.99	13.12	13.50	
100		LOW	QPSK	12.97	12.99	13.08	13.50	
20		1	LOW	Q16	13.11	13.24	13.02	13.50
			MID	Q16	13.26	13.41	13.17	13.50
	HIGH		Q16	13.19	13.32	13.16	13.50	
	50	LOW	Q16	12.89	13.07	13.01	13.50	
		MID	Q16	12.94	13.05	13.08	13.50	
		HIGH	Q16	13.00	12.99	13.10	13.50	
	100	LOW	Q16	12.93	13.01	13.04	13.50	
	20	1	LOW	64QAM	13.14	13.21	13.09	13.50
			MID	64QAM	13.29	13.33	13.24	13.50
HIGH			64QAM	13.14	13.24	13.15	13.50	
50		LOW	64QAM	12.81	13.00	13.04	13.50	
		MID	64QAM	12.97	13.10	13.01	13.50	
		HIGH	64QAM	13.01	13.04	13.07	13.50	
100		LOW	64QAM	12.87	12.98	13.03	13.50	

LTE B7-Level4 -Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	19.41	19.20	19.25	20.00	
		MID	QPSK	19.35	19.64	19.62	20.00	
		HIGH	QPSK	19.58	19.14	19.42	20.00	
	12	LOW	QPSK	19.43	19.49	19.76	20.00	
		MID	QPSK	19.58	19.46	19.57	20.00	
		HIGH	QPSK	19.72	19.40	19.45	20.00	
	25	LOW	QPSK	19.37	19.60	19.56	20.00	
	5	1	LOW	Q16	19.40	19.50	19.63	20.00
			MID	Q16	19.49	19.41	19.62	20.00
HIGH			Q16	19.47	19.33	19.45	20.00	
12		LOW	Q16	19.71	19.34	19.12	20.00	
		MID	Q16	19.25	19.34	19.57	20.00	
		HIGH	Q16	19.54	19.34	19.60	20.00	
25		LOW	Q16	19.45	19.48	19.34	20.00	
5		1	LOW	64QAM	19.17	19.33	19.35	20.00
			MID	64QAM	19.63	19.30	19.66	20.00
	HIGH		64QAM	19.39	19.26	19.65	20.00	
	12	LOW	64QAM	19.39	19.13	19.03	20.00	
		MID	64QAM	19.31	19.58	19.51	20.00	
		HIGH	64QAM	19.17	19.30	19.62	20.00	
	25	LOW	64QAM	19.45	19.56	19.44	20.00	
10	1	LOW	QPSK	19.21	19.24	19.46	20.00	
		MID	QPSK	19.37	19.58	19.58	20.00	
		HIGH	QPSK	19.56	19.33	19.52	20.00	
	25	LOW	QPSK	19.61	19.75	19.62	20.00	
		MID	QPSK	19.34	19.46	19.37	20.00	
		HIGH	QPSK	19.48	19.58	19.45	20.00	
	50	LOW	QPSK	19.65	19.58	19.50	20.00	
	10	1	LOW	Q16	19.40	19.64	19.51	20.00
			MID	Q16	19.67	19.51	19.64	20.00
			HIGH	Q16	19.57	19.40	19.67	20.00
		25	LOW	Q16	19.41	19.24	19.12	20.00
			MID	Q16	19.31	19.58	19.69	20.00
			HIGH	Q16	19.50	19.18	19.68	20.00
	50	LOW	Q16	19.27	19.38	19.23	20.00	
	10	1	LOW	64QAM	19.40	19.42	19.53	20.00
MID			64QAM	19.45	19.37	19.70	20.00	
HIGH			64QAM	19.57	19.38	19.73	20.00	
25		LOW	64QAM	19.39	19.02	19.10	20.00	
		MID	64QAM	19.43	19.52	19.63	20.00	
		HIGH	64QAM	19.28	19.10	19.58	20.00	
50		LOW	64QAM	19.43	19.38	19.50	20.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	19.45	19.18	19.40	20.00	
		MID	QPSK	19.35	19.44	19.60	20.00	
		HIGH	QPSK	19.50	19.45	19.27	20.00	
	36	LOW	QPSK	19.43	19.57	19.60	20.00	
		MID	QPSK	19.32	19.58	19.45	20.00	
		HIGH	QPSK	19.58	19.60	19.57	20.00	
	75	LOW	QPSK	19.51	19.52	19.64	20.00	
	15	1	LOW	Q16	19.44	19.54	19.61	20.00
			MID	Q16	19.41	19.71	19.74	20.00
HIGH			Q16	19.69	19.60	19.49	20.00	
36		LOW	Q16	19.43	19.26	19.27	20.00	
		MID	Q16	19.22	19.50	19.65	20.00	
		HIGH	Q16	19.60	19.16	19.78	20.00	
75		LOW	Q16	19.49	19.34	19.32	20.00	
15		1	LOW	64QAM	19.17	19.40	19.53	20.00
			MID	64QAM	19.57	19.39	19.64	20.00
	HIGH		64QAM	19.43	19.48	19.49	20.00	
	36	LOW	64QAM	19.69	19.21	19.01	20.00	
		MID	64QAM	19.57	19.58	19.55	20.00	
		HIGH	64QAM	19.26	19.28	19.66	20.00	
	75	LOW	64QAM	19.16	19.38	19.48	20.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	19.35	19.28	19.42	20.00
MID			QPSK	19.45	19.54	19.60	20.00	
HIGH			QPSK	19.56	19.35	19.46	20.00	
50		LOW	QPSK	19.59	19.65	19.66	20.00	
		MID	QPSK	19.52	19.64	19.59	20.00	
		HIGH	QPSK	19.64	19.56	19.59	20.00	
100		LOW	QPSK	19.57	19.50	19.56	20.00	
20		1	LOW	Q16	19.54	19.56	19.69	20.00
			MID	Q16	19.61	19.63	19.70	20.00
	HIGH		Q16	19.63	19.54	19.59	20.00	
	50	LOW	Q16	19.63	19.36	19.33	20.00	
		MID	Q16	19.39	19.50	19.73	20.00	
		HIGH	Q16	19.50	19.30	19.76	20.00	
	100	LOW	Q16	19.39	19.46	19.42	20.00	
	20	1	LOW	64QAM	19.32	19.54	19.51	20.00
			MID	64QAM	19.67	19.51	19.64	20.00
HIGH			64QAM	19.49	19.38	19.67	20.00	
50		LOW	64QAM	19.59	19.21	19.18	20.00	
		MID	64QAM	19.49	19.58	19.53	20.00	
		HIGH	64QAM	19.34	19.22	19.76	20.00	
100		LOW	64QAM	19.37	19.56	19.40	20.00	

LTE B7-Level5&6-Ant.3

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	18.15	18.07	18.14	18.50	
		MID	QPSK	18.19	18.04	18.17	18.50	
		HIGH	QPSK	18.15	18.07	18.17	18.50	
	12	LOW	QPSK	18.02	18.03	18.15	18.50	
		MID	QPSK	17.97	18.05	18.14	18.50	
		HIGH	QPSK	18.04	18.03	18.12	18.50	
	25	LOW	QPSK	18.00	18.02	18.14	18.50	
	5	1	LOW	Q16	18.32	18.33	18.12	18.50
			MID	Q16	18.33	18.33	18.12	18.50
HIGH			Q16	18.34	18.33	18.12	18.50	
12		LOW	Q16	18.03	18.18	18.24	18.50	
		MID	Q16	17.99	18.13	18.18	18.50	
		HIGH	Q16	18.04	18.11	18.19	18.50	
25		LOW	Q16	18.03	18.09	18.15	18.50	
5		1	LOW	64QAM	18.28	18.24	18.05	18.50
			MID	64QAM	18.40	18.24	18.14	18.50
	HIGH		64QAM	18.25	18.28	18.16	18.50	
	12	LOW	64QAM	18.10	18.18	18.24	18.50	
		MID	64QAM	18.01	18.06	18.14	18.50	
		HIGH	64QAM	18.00	18.07	18.21	18.50	
	25	LOW	64QAM	17.92	18.16	18.15	18.50	
	10	1	LOW	QPSK	17.97	17.90	18.00	18.50
			MID	QPSK	18.01	18.03	18.09	18.50
HIGH			QPSK	18.02	18.03	18.10	18.50	
25		LOW	QPSK	17.98	18.02	18.08	18.50	
		MID	QPSK	18.04	18.02	18.13	18.50	
		HIGH	QPSK	18.03	18.03	18.16	18.50	
50		LOW	QPSK	18.00	18.05	18.14	18.50	
10		1	LOW	Q16	17.85	18.31	17.99	18.50
			MID	Q16	17.87	18.41	18.08	18.50
	HIGH		Q16	17.91	18.38	18.08	18.50	
	25	LOW	Q16	18.02	18.07	18.21	18.50	
		MID	Q16	18.02	18.07	18.26	18.50	
		HIGH	Q16	18.05	18.11	18.29	18.50	
	50	LOW	Q16	17.99	18.05	18.18	18.50	
	10	1	LOW	64QAM	17.90	18.35	18.08	18.50
			MID	64QAM	17.85	18.41	18.03	18.50
HIGH			64QAM	18.00	18.36	18.06	18.50	
25		LOW	64QAM	17.91	18.03	18.14	18.50	
		MID	64QAM	17.91	18.07	18.33	18.50	
		HIGH	64QAM	18.09	18.15	18.27	18.50	
50		LOW	64QAM	17.97	18.07	18.11	18.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	17.90	17.90	17.87	18.50	
		MID	QPSK	17.99	18.00	18.02	18.50	
		HIGH	QPSK	17.98	17.95	17.97	18.50	
	36	LOW	QPSK	17.92	17.98	18.03	18.50	
		MID	QPSK	17.97	18.00	18.07	18.50	
		HIGH	QPSK	18.03	18.00	18.15	18.50	
	75	LOW	QPSK	18.00	17.98	18.07	18.50	
	15	1	LOW	Q16	17.80	18.30	18.28	18.50
			MID	Q16	17.88	18.40	18.39	18.50
HIGH			Q16	17.86	18.34	18.32	18.50	
36		LOW	Q16	17.92	18.05	18.04	18.50	
		MID	Q16	18.00	18.06	18.08	18.50	
		HIGH	Q16	18.02	18.06	18.16	18.50	
75		LOW	Q16	17.99	18.02	18.08	18.50	
15		1	LOW	64QAM	17.82	18.25	18.26	18.50
			MID	64QAM	17.97	18.40	18.30	18.50
	HIGH		64QAM	17.90	18.27	18.25	18.50	
	36	LOW	64QAM	17.85	18.10	18.08	18.50	
		MID	64QAM	18.00	17.99	18.13	18.50	
		HIGH	64QAM	18.02	18.10	18.21	18.50	
	75	LOW	64QAM	18.01	18.04	18.12	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	17.79	17.85	17.88	18.50
MID			QPSK	17.98	18.05	18.06	18.50	
HIGH			QPSK	17.96	17.98	17.96	18.50	
50		LOW	QPSK	17.96	18.03	18.07	18.50	
		MID	QPSK	18.05	18.05	18.11	18.50	
		HIGH	QPSK	18.05	18.00	18.15	18.50	
100		LOW	QPSK	17.99	17.96	18.08	18.50	
20		1	LOW	Q16	18.15	18.19	18.05	18.50
			MID	Q16	18.27	18.37	18.19	18.50
	HIGH		Q16	18.20	18.32	18.19	18.50	
	50	LOW	Q16	17.97	18.04	18.03	18.50	
		MID	Q16	18.06	18.06	18.09	18.50	
		HIGH	Q16	18.06	17.98	18.14	18.50	
	100	LOW	Q16	18.01	18.00	18.06	18.50	
	20	1	LOW	64QAM	18.24	18.23	18.03	18.50
			MID	64QAM	18.25	18.37	18.24	18.50
HIGH			64QAM	18.13	18.39	18.10	18.50	
50		LOW	64QAM	17.95	18.06	17.96	18.50	
		MID	64QAM	18.06	18.01	18.02	18.50	
		HIGH	64QAM	18.13	18.07	18.10	18.50	
100		LOW	64QAM	18.03	18.04	18.01	18.50	

LTE B7-Level1-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	23.18	23.45	23.37	24.50	
		MID	QPSK	23.45	23.25	23.59	24.50	
		HIGH	QPSK	23.55	23.16	23.35	24.50	
	12	LOW	QPSK	22.29	22.44	22.40	23.50	
		MID	QPSK	22.40	22.40	22.46	23.50	
		HIGH	QPSK	22.68	22.37	22.44	23.50	
	25	LOW	QPSK	22.39	22.43	22.50	23.50	
	5	1	LOW	Q16	22.71	22.67	23.02	23.50
			MID	Q16	23.02	22.94	23.22	23.50
HIGH			Q16	22.72	22.78	23.03	23.50	
12		LOW	Q16	21.62	21.54	21.48	22.50	
		MID	Q16	21.54	21.53	21.45	22.50	
		HIGH	Q16	21.63	21.46	21.56	22.50	
25		LOW	Q16	21.55	21.57	21.48	22.50	
5		1	LOW	64QAM	21.56	21.92	21.93	22.50
			MID	64QAM	21.86	21.81	22.01	22.50
	HIGH		64QAM	21.73	21.96	22.01	22.50	
	12	LOW	64QAM	20.56	20.44	20.45	21.50	
		MID	64QAM	20.50	20.43	20.47	21.50	
		HIGH	64QAM	20.59	20.62	20.75	21.50	
	25	LOW	64QAM	20.35	20.49	20.42	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	23.32	23.33	23.19	24.50
MID			QPSK	23.59	23.48	23.43	24.50	
HIGH			QPSK	23.57	23.46	23.46	24.50	
25		LOW	QPSK	22.45	22.51	22.62	23.50	
		MID	QPSK	22.33	22.58	22.59	23.50	
		HIGH	QPSK	22.40	22.32	22.41	23.50	
50	LOW	QPSK	22.30	22.45	22.34	23.50		
10	1	LOW	Q16	22.78	22.90	22.99	23.50	
		MID	Q16	22.69	23.03	22.98	23.50	
		HIGH	Q16	22.82	22.80	23.07	23.50	
	25	LOW	Q16	21.43	21.47	21.57	22.50	
		MID	Q16	21.62	21.44	21.55	22.50	
		HIGH	Q16	21.40	21.41	21.47	22.50	
	50	LOW	Q16	21.55	21.38	21.65	22.50	
	10	1	LOW	64QAM	21.45	21.61	21.98	22.50
			MID	64QAM	21.88	21.98	21.97	22.50
HIGH			64QAM	21.73	21.78	21.97	22.50	
25		LOW	64QAM	20.48	20.37	20.57	21.50	
		MID	64QAM	20.68	20.38	20.58	21.50	
		HIGH	64QAM	20.57	20.48	20.75	21.50	
50		LOW	64QAM	20.32	20.49	20.61	21.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.20	23.47	23.30	24.50	
		MID	QPSK	23.40	23.39	23.62	24.50	
		HIGH	QPSK	23.59	23.42	23.44	24.50	
	36	LOW	QPSK	22.25	22.35	22.46	23.50	
		MID	QPSK	22.40	22.47	22.62	23.50	
		HIGH	QPSK	22.65	22.59	22.53	23.50	
	75	LOW	QPSK	22.39	22.29	22.52	23.50	
	15	1	LOW	Q16	22.71	22.92	23.02	23.50
			MID	Q16	23.02	22.92	23.24	23.50
HIGH			Q16	22.82	22.64	22.93	23.50	
36		LOW	Q16	21.45	21.45	21.37	22.50	
		MID	Q16	21.58	21.53	21.45	22.50	
		HIGH	Q16	21.44	21.56	21.54	22.50	
75		LOW	Q16	21.49	21.36	21.35	22.50	
15		1	LOW	64QAM	21.52	21.83	22.00	22.50
			MID	64QAM	21.88	21.68	22.06	22.50
	HIGH		64QAM	21.65	22.00	21.92	22.50	
	36	LOW	64QAM	20.39	20.48	20.61	21.50	
		MID	64QAM	20.50	20.55	20.70	21.50	
		HIGH	64QAM	20.44	20.46	20.73	21.50	
	75	LOW	64QAM	20.32	20.45	20.45	21.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	23.39	23.40	23.42	24.50
MID			QPSK	23.59	23.53	23.57	24.50	
HIGH			QPSK	23.57	23.44	23.51	24.50	
50		LOW	QPSK	22.52	22.62	22.60	23.50	
		MID	QPSK	22.60	22.63	22.64	23.50	
		HIGH	QPSK	22.63	22.57	22.64	23.50	
100		LOW	QPSK	22.55	22.54	22.61	23.50	
20		1	LOW	Q16	22.76	22.85	22.97	23.50
			MID	Q16	22.97	23.01	23.17	23.50
	HIGH		Q16	22.93	22.89	23.19	23.50	
	50	LOW	Q16	21.56	21.60	21.61	22.50	
		MID	Q16	21.60	21.59	21.64	22.50	
		HIGH	Q16	21.59	21.50	21.67	22.50	
	100	LOW	Q16	21.55	21.51	21.61	22.50	
	20	1	LOW	64QAM	21.69	21.85	22.02	22.50
			MID	64QAM	21.97	21.94	22.19	22.50
HIGH			64QAM	21.91	21.96	22.19	22.50	
50		LOW	64QAM	20.62	20.60	20.57	21.50	
		MID	64QAM	20.62	20.57	20.68	21.50	
		HIGH	64QAM	20.63	20.56	20.69	21.50	
100		LOW	64QAM	20.53	20.45	20.61	21.50	

LTE B7-Level2&3-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	23.18	23.45	23.37	24.50	
		MID	QPSK	23.45	23.25	23.59	24.50	
		HIGH	QPSK	23.55	23.16	23.35	24.50	
	12	LOW	QPSK	22.29	22.44	22.40	23.50	
		MID	QPSK	22.40	22.40	22.46	23.50	
		HIGH	QPSK	22.68	22.37	22.44	23.50	
	25	LOW	QPSK	22.39	22.43	22.50	23.50	
	5	1	LOW	Q16	22.71	22.67	23.02	23.50
			MID	Q16	23.02	22.94	23.22	23.50
HIGH			Q16	22.72	22.78	23.03	23.50	
12		LOW	Q16	21.62	21.54	21.48	22.50	
		MID	Q16	21.54	21.53	21.45	22.50	
		HIGH	Q16	21.63	21.46	21.56	22.50	
25		LOW	Q16	21.55	21.57	21.48	22.50	
5		1	LOW	64QAM	21.56	21.92	21.93	22.50
			MID	64QAM	21.86	21.81	22.01	22.50
	HIGH		64QAM	21.73	21.96	22.01	22.50	
	12	LOW	64QAM	20.56	20.44	20.45	21.50	
		MID	64QAM	20.50	20.43	20.47	21.50	
		HIGH	64QAM	20.59	20.62	20.75	21.50	
	25	LOW	64QAM	20.35	20.49	20.42	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	23.32	23.33	23.19	24.50
MID			QPSK	23.59	23.48	23.43	24.50	
HIGH			QPSK	23.57	23.46	23.46	24.50	
25		LOW	QPSK	22.45	22.51	22.62	23.50	
		MID	QPSK	22.33	22.58	22.59	23.50	
		HIGH	QPSK	22.40	22.32	22.41	23.50	
50	LOW	QPSK	22.30	22.45	22.34	23.50		
10	1	LOW	Q16	22.78	22.90	22.99	23.50	
		MID	Q16	22.69	23.03	22.98	23.50	
		HIGH	Q16	22.82	22.80	23.07	23.50	
	25	LOW	Q16	21.43	21.47	21.57	22.50	
		MID	Q16	21.62	21.44	21.55	22.50	
		HIGH	Q16	21.40	21.41	21.47	22.50	
	50	LOW	Q16	21.55	21.38	21.65	22.50	
	10	1	LOW	64QAM	21.45	21.61	21.98	22.50
			MID	64QAM	21.88	21.98	21.97	22.50
HIGH			64QAM	21.73	21.78	21.97	22.50	
25		LOW	64QAM	20.48	20.37	20.57	21.50	
		MID	64QAM	20.68	20.38	20.58	21.50	
		HIGH	64QAM	20.57	20.48	20.75	21.50	
50		LOW	64QAM	20.32	20.49	20.61	21.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.20	23.47	23.30	24.50	
		MID	QPSK	23.40	23.39	23.59	24.50	
		HIGH	QPSK	23.59	23.42	23.44	24.50	
	36	LOW	QPSK	22.25	22.35	22.46	23.50	
		MID	QPSK	22.40	22.47	22.62	23.50	
		HIGH	QPSK	22.65	22.59	22.53	23.50	
	75	LOW	QPSK	22.39	22.29	22.52	23.50	
	15	1	LOW	Q16	22.71	22.92	23.02	23.50
			MID	Q16	23.02	22.92	23.24	23.50
HIGH			Q16	22.82	22.64	22.93	23.50	
36		LOW	Q16	21.45	21.45	21.37	22.50	
		MID	Q16	21.58	21.53	21.45	22.50	
		HIGH	Q16	21.44	21.56	21.54	22.50	
75		LOW	Q16	21.49	21.36	21.35	22.50	
15		1	LOW	64QAM	21.52	21.83	22.00	22.50
			MID	64QAM	21.88	21.68	22.06	22.50
	HIGH		64QAM	21.65	22.00	21.92	22.50	
	36	LOW	64QAM	20.39	20.48	20.61	21.50	
		MID	64QAM	20.50	20.55	20.70	21.50	
		HIGH	64QAM	20.44	20.46	20.73	21.50	
	75	LOW	64QAM	20.32	20.45	20.45	21.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	23.39	23.40	23.42	24.50
MID			QPSK	23.59	23.53	23.57	24.50	
HIGH			QPSK	23.57	23.44	23.51	24.50	
50		LOW	QPSK	22.52	22.62	22.60	23.50	
		MID	QPSK	22.60	22.63	22.64	23.50	
		HIGH	QPSK	22.63	22.57	22.64	23.50	
100		LOW	QPSK	22.55	22.54	22.61	23.50	
20		1	LOW	Q16	22.76	22.85	22.97	23.50
			MID	Q16	22.97	23.01	23.17	23.50
	HIGH		Q16	22.93	22.89	23.19	23.50	
	50	LOW	Q16	21.56	21.60	21.61	22.50	
		MID	Q16	21.60	21.59	21.64	22.50	
		HIGH	Q16	21.59	21.50	21.67	22.50	
	100	LOW	Q16	21.55	21.51	21.61	22.50	
	20	1	LOW	64QAM	21.69	21.85	22.02	22.50
			MID	64QAM	21.97	21.94	22.19	22.50
HIGH			64QAM	21.91	21.96	22.19	22.50	
50		LOW	64QAM	20.62	20.60	20.57	21.50	
		MID	64QAM	20.62	20.57	20.68	21.50	
		HIGH	64QAM	20.63	20.56	20.69	21.50	
100		LOW	64QAM	20.53	20.45	20.61	21.50	

LTE B7-Level4 (sensor off)-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	23.18	23.45	23.37	24.50	
		MID	QPSK	23.45	23.25	23.59	24.50	
		HIGH	QPSK	23.55	23.16	23.35	24.50	
	12	LOW	QPSK	22.29	22.44	22.40	23.50	
		MID	QPSK	22.40	22.40	22.46	23.50	
		HIGH	QPSK	22.68	22.37	22.44	23.50	
	25	LOW	QPSK	22.39	22.43	22.50	23.50	
	5	1	LOW	Q16	22.71	22.67	23.02	23.50
			MID	Q16	23.02	22.94	23.22	23.50
HIGH			Q16	22.72	22.78	23.03	23.50	
12		LOW	Q16	21.62	21.54	21.48	22.50	
		MID	Q16	21.54	21.53	21.45	22.50	
		HIGH	Q16	21.63	21.46	21.56	22.50	
25		LOW	Q16	21.55	21.57	21.48	22.50	
5		1	LOW	64QAM	21.56	21.92	21.93	22.50
			MID	64QAM	21.86	21.81	22.01	22.50
	HIGH		64QAM	21.73	21.96	22.01	22.50	
	12	LOW	64QAM	20.56	20.44	20.45	21.50	
		MID	64QAM	20.50	20.43	20.47	21.50	
		HIGH	64QAM	20.59	20.62	20.75	21.50	
	25	LOW	64QAM	20.35	20.49	20.42	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	23.32	23.33	23.19	24.50
MID			QPSK	23.59	23.48	23.43	24.50	
HIGH			QPSK	23.57	23.46	23.46	24.50	
25		LOW	QPSK	22.45	22.51	22.62	23.50	
		MID	QPSK	22.33	22.58	22.59	23.50	
		HIGH	QPSK	22.40	22.32	22.41	23.50	
50	LOW	QPSK	22.30	22.45	22.34	23.50		
10	1	LOW	Q16	22.78	22.90	22.99	23.50	
		MID	Q16	22.69	23.03	22.98	23.50	
		HIGH	Q16	22.82	22.80	23.07	23.50	
	25	LOW	Q16	21.43	21.47	21.57	22.50	
		MID	Q16	21.62	21.44	21.55	22.50	
		HIGH	Q16	21.40	21.41	21.47	22.50	
50	LOW	Q16	21.55	21.38	21.65	22.50		
10	1	LOW	64QAM	21.45	21.61	21.98	22.50	
		MID	64QAM	21.88	21.98	21.97	22.50	
		HIGH	64QAM	21.73	21.78	21.97	22.50	
	25	LOW	64QAM	20.48	20.37	20.57	21.50	
		MID	64QAM	20.68	20.38	20.58	21.50	
		HIGH	64QAM	20.57	20.48	20.75	21.50	
	50	LOW	64QAM	20.32	20.49	20.61	21.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.20	23.47	23.30	24.50	
		MID	QPSK	23.40	23.39	23.59	24.50	
		HIGH	QPSK	23.59	23.42	23.44	24.50	
	36	LOW	QPSK	22.25	22.35	22.46	23.50	
		MID	QPSK	22.40	22.47	22.62	23.50	
		HIGH	QPSK	22.65	22.59	22.53	23.50	
	75	LOW	QPSK	22.39	22.29	22.52	23.50	
	15	1	LOW	Q16	22.71	22.92	23.02	23.50
			MID	Q16	23.02	22.92	23.24	23.50
HIGH			Q16	22.82	22.64	22.93	23.50	
36		LOW	Q16	21.45	21.45	21.37	22.50	
		MID	Q16	21.58	21.53	21.45	22.50	
		HIGH	Q16	21.44	21.56	21.54	22.50	
75		LOW	Q16	21.49	21.36	21.35	22.50	
15		1	LOW	64QAM	21.52	21.83	22.00	22.50
			MID	64QAM	21.88	21.68	22.06	22.50
	HIGH		64QAM	21.65	22.00	21.92	22.50	
	36	LOW	64QAM	20.39	20.48	20.61	21.50	
		MID	64QAM	20.50	20.55	20.70	21.50	
		HIGH	64QAM	20.44	20.46	20.73	21.50	
	75	LOW	64QAM	20.32	20.45	20.45	21.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	23.39	23.40	23.42	24.50
MID			QPSK	23.59	23.53	23.57	24.50	
HIGH			QPSK	23.57	23.44	23.51	24.50	
50		LOW	QPSK	22.52	22.62	22.60	23.50	
		MID	QPSK	22.60	22.63	22.64	23.50	
		HIGH	QPSK	22.63	22.57	22.64	23.50	
100		LOW	QPSK	22.55	22.54	22.61	23.50	
20		1	LOW	Q16	22.76	22.85	22.97	23.50
			MID	Q16	22.97	23.01	23.17	23.50
	HIGH		Q16	22.93	22.89	23.19	23.50	
	50	LOW	Q16	21.56	21.60	21.61	22.50	
		MID	Q16	21.60	21.59	21.64	22.50	
		HIGH	Q16	21.59	21.50	21.67	22.50	
	100	LOW	Q16	21.55	21.51	21.61	22.50	
	20	1	LOW	64QAM	21.69	21.85	22.02	22.50
			MID	64QAM	21.97	21.94	22.19	22.50
HIGH			64QAM	21.91	21.96	22.19	22.50	
50		LOW	64QAM	20.62	20.60	20.57	21.50	
		MID	64QAM	20.62	20.57	20.68	21.50	
		HIGH	64QAM	20.63	20.56	20.69	21.50	
100		LOW	64QAM	20.53	20.45	20.61	21.50	

LTE B7-Level4 (sensor on 2)-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	23.18	23.45	23.37	24.50	
		MID	QPSK	23.45	23.25	23.59	24.50	
		HIGH	QPSK	23.55	23.16	23.35	24.50	
	12	LOW	QPSK	22.29	22.44	22.40	23.50	
		MID	QPSK	22.40	22.40	22.46	23.50	
		HIGH	QPSK	22.68	22.37	22.44	23.50	
	25	LOW	QPSK	22.39	22.43	22.50	23.50	
	5	1	LOW	Q16	22.71	22.67	23.02	23.50
			MID	Q16	23.02	22.94	23.22	23.50
HIGH			Q16	22.72	22.78	23.03	23.50	
12		LOW	Q16	21.62	21.54	21.48	22.50	
		MID	Q16	21.54	21.53	21.45	22.50	
		HIGH	Q16	21.63	21.46	21.56	22.50	
25		LOW	Q16	21.55	21.57	21.48	22.50	
5		1	LOW	64QAM	21.56	21.92	21.93	22.50
			MID	64QAM	21.86	21.81	22.01	22.50
	HIGH		64QAM	21.73	21.96	22.01	22.50	
	12	LOW	64QAM	20.56	20.44	20.45	21.50	
		MID	64QAM	20.50	20.43	20.47	21.50	
		HIGH	64QAM	20.59	20.62	20.75	21.50	
	25	LOW	64QAM	20.35	20.49	20.42	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	23.32	23.33	23.19	24.50
MID			QPSK	23.59	23.48	23.43	24.50	
HIGH			QPSK	23.57	23.46	23.46	24.50	
25		LOW	QPSK	22.45	22.51	22.62	23.50	
		MID	QPSK	22.33	22.58	22.59	23.50	
		HIGH	QPSK	22.40	22.32	22.41	23.50	
50	LOW	QPSK	22.30	22.45	22.34	23.50		
10	1	LOW	Q16	22.78	22.90	22.99	23.50	
		MID	Q16	22.69	23.03	22.98	23.50	
		HIGH	Q16	22.82	22.80	23.07	23.50	
	25	LOW	Q16	21.43	21.47	21.57	22.50	
		MID	Q16	21.62	21.44	21.55	22.50	
		HIGH	Q16	21.40	21.41	21.47	22.50	
	50	LOW	Q16	21.55	21.38	21.65	22.50	
	10	1	LOW	64QAM	21.45	21.61	21.98	22.50
			MID	64QAM	21.88	21.98	21.97	22.50
HIGH			64QAM	21.73	21.78	21.97	22.50	
25		LOW	64QAM	20.48	20.37	20.57	21.50	
		MID	64QAM	20.68	20.38	20.58	21.50	
		HIGH	64QAM	20.57	20.48	20.75	21.50	
50		LOW	64QAM	20.32	20.49	20.61	21.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	23.20	23.47	23.30	24.50	
		MID	QPSK	23.40	23.39	23.59	24.50	
		HIGH	QPSK	23.59	23.42	23.44	24.50	
	36	LOW	QPSK	22.25	22.35	22.46	23.50	
		MID	QPSK	22.40	22.47	22.62	23.50	
		HIGH	QPSK	22.65	22.59	22.53	23.50	
	75	LOW	QPSK	22.39	22.29	22.52	23.50	
	15	1	LOW	Q16	22.71	22.92	23.02	23.50
			MID	Q16	23.02	22.92	23.24	23.50
HIGH			Q16	22.82	22.64	22.93	23.50	
36		LOW	Q16	21.45	21.45	21.37	22.50	
		MID	Q16	21.58	21.53	21.45	22.50	
		HIGH	Q16	21.44	21.56	21.54	22.50	
75		LOW	Q16	21.49	21.36	21.35	22.50	
15		1	LOW	64QAM	21.52	21.83	22.00	22.50
			MID	64QAM	21.88	21.68	22.06	22.50
	HIGH		64QAM	21.65	22.00	21.92	22.50	
	36	LOW	64QAM	20.39	20.48	20.61	21.50	
		MID	64QAM	20.50	20.55	20.70	21.50	
		HIGH	64QAM	20.44	20.46	20.73	21.50	
	75	LOW	64QAM	20.32	20.45	20.45	21.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	23.39	23.40	23.42	24.50
MID			QPSK	23.59	23.53	23.57	24.50	
HIGH			QPSK	23.57	23.44	23.51	24.50	
50		LOW	QPSK	22.52	22.62	22.60	23.50	
		MID	QPSK	22.60	22.63	22.64	23.50	
		HIGH	QPSK	22.63	22.57	22.64	23.50	
100		LOW	QPSK	22.55	22.54	22.61	23.50	
20		1	LOW	Q16	22.76	22.85	22.97	23.50
			MID	Q16	22.97	23.01	23.17	23.50
	HIGH		Q16	22.93	22.89	23.19	23.50	
	50	LOW	Q16	21.56	21.60	21.61	22.50	
		MID	Q16	21.60	21.59	21.64	22.50	
		HIGH	Q16	21.59	21.50	21.67	22.50	
	100	LOW	Q16	21.55	21.51	21.61	22.50	
	20	1	LOW	64QAM	21.69	21.85	22.02	22.50
			MID	64QAM	21.97	21.94	22.19	22.50
HIGH			64QAM	21.91	21.96	22.19	22.50	
50		LOW	64QAM	20.62	20.60	20.57	21.50	
		MID	64QAM	20.62	20.57	20.68	21.50	
		HIGH	64QAM	20.63	20.56	20.69	21.50	
100		LOW	64QAM	20.53	20.45	20.61	21.50	

LTE B7-Level5&6(sensor off)-Ant.4								
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	23.18	23.45	23.37	24.50	
		MID	QPSK	23.45	23.25	23.59	24.50	
		HIGH	QPSK	23.55	23.16	23.35	24.50	
	12	LOW	QPSK	22.29	22.44	22.40	23.50	
		MID	QPSK	22.40	22.40	22.46	23.50	
		HIGH	QPSK	22.68	22.37	22.44	23.50	
	25	LOW	QPSK	22.39	22.43	22.50	23.50	
	5	1	LOW	Q16	22.71	22.67	23.02	23.50
			MID	Q16	23.02	22.94	23.22	23.50
HIGH			Q16	22.72	22.78	23.03	23.50	
12		LOW	Q16	21.62	21.54	21.48	22.50	
		MID	Q16	21.54	21.53	21.45	22.50	
		HIGH	Q16	21.63	21.46	21.56	22.50	
25		LOW	Q16	21.55	21.57	21.48	22.50	
5		1	LOW	64QAM	21.56	21.92	21.93	22.50
			MID	64QAM	21.86	21.81	22.01	22.50
	HIGH		64QAM	21.73	21.96	22.01	22.50	
	12	LOW	64QAM	20.56	20.44	20.45	21.50	
		MID	64QAM	20.50	20.43	20.47	21.50	
		HIGH	64QAM	20.59	20.62	20.75	21.50	
	25	LOW	64QAM	20.35	20.49	20.42	21.50	
	Bandwidth (RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	23.32	23.33	23.19	24.50
MID			QPSK	23.59	23.48	23.43	24.50	
HIGH			QPSK	23.57	23.46	23.46	24.50	
25		LOW	QPSK	22.45	22.51	22.62	23.50	
		MID	QPSK	22.33	22.58	22.59	23.50	
		HIGH	QPSK	22.40	22.32	22.41	23.50	
50		LOW	QPSK	22.30	22.45	22.34	23.50	
10		1	LOW	Q16	22.78	22.90	22.99	23.50
			MID	Q16	22.69	23.03	22.98	23.50
	HIGH		Q16	22.82	22.80	23.07	23.50	
	25	LOW	Q16	21.43	21.47	21.57	22.50	
		MID	Q16	21.62	21.44	21.55	22.50	
		HIGH	Q16	21.40	21.41	21.47	22.50	
	50	LOW	Q16	21.55	21.38	21.65	22.50	
	10	1	LOW	64QAM	21.45	21.61	21.98	22.50
			MID	64QAM	21.88	21.98	21.97	22.50
HIGH			64QAM	21.73	21.78	21.97	22.50	
25		LOW	64QAM	20.48	20.37	20.57	21.50	
		MID	64QAM	20.68	20.38	20.58	21.50	
		HIGH	64QAM	20.57	20.48	20.75	21.50	
50		LOW	64QAM	20.32	20.49	20.61	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	23.20	23.47	23.30	24.50	
		MID	QPSK	23.40	23.39	23.59	24.50	
		HIGH	QPSK	23.59	23.42	23.44	24.50	
	36	LOW	QPSK	22.25	22.35	22.46	23.50	
		MID	QPSK	22.40	22.47	22.62	23.50	
		HIGH	QPSK	22.65	22.59	22.53	23.50	
	75	LOW	QPSK	22.39	22.29	22.52	23.50	
	15	1	LOW	Q16	22.71	22.92	23.02	23.50
			MID	Q16	23.02	22.92	23.24	23.50
HIGH			Q16	22.82	22.64	22.93	23.50	
36		LOW	Q16	21.45	21.45	21.37	22.50	
		MID	Q16	21.58	21.53	21.45	22.50	
		HIGH	Q16	21.44	21.56	21.54	22.50	
75		LOW	Q16	21.49	21.36	21.35	22.50	
15		1	LOW	64QAM	21.52	21.83	22.00	22.50
			MID	64QAM	21.88	21.68	22.06	22.50
	HIGH		64QAM	21.65	22.00	21.92	22.50	
	36	LOW	64QAM	20.39	20.48	20.61	21.50	
		MID	64QAM	20.50	20.55	20.70	21.50	
		HIGH	64QAM	20.44	20.46	20.73	21.50	
	75	LOW	64QAM	20.32	20.45	20.45	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	23.39	23.40	23.42	24.50
MID			QPSK	23.59	23.53	23.57	24.50	
HIGH			QPSK	23.57	23.44	23.51	24.50	
50		LOW	QPSK	22.52	22.62	22.60	23.50	
		MID	QPSK	22.60	22.63	22.64	23.50	
		HIGH	QPSK	22.63	22.57	22.64	23.50	
100		LOW	QPSK	22.55	22.54	22.61	23.50	
20		1	LOW	Q16	22.76	22.85	22.97	23.50
			MID	Q16	22.97	23.01	23.17	23.50
	HIGH		Q16	22.93	22.89	23.19	23.50	
	50	LOW	Q16	21.56	21.60	21.61	22.50	
		MID	Q16	21.60	21.59	21.64	22.50	
		HIGH	Q16	21.59	21.50	21.67	22.50	
	100	LOW	Q16	21.55	21.51	21.61	22.50	
	20	1	LOW	64QAM	21.69	21.85	22.02	22.50
			MID	64QAM	21.97	21.94	22.19	22.50
HIGH			64QAM	21.91	21.96	22.19	22.50	
50		LOW	64QAM	20.62	20.60	20.57	21.50	
		MID	64QAM	20.62	20.57	20.68	21.50	
		HIGH	64QAM	20.63	20.56	20.69	21.50	
100		LOW	64QAM	20.53	20.45	20.61	21.50	

LTE B7-Level5&6 (sensor on 2)-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	22.54	22.51	22.54	23.50	
		MID	QPSK	22.61	22.60	22.84	23.50	
		HIGH	QPSK	22.58	22.54	22.84	23.50	
	12	LOW	QPSK	22.66	22.71	22.63	23.50	
		MID	QPSK	22.61	22.81	22.94	23.50	
		HIGH	QPSK	22.77	22.52	22.84	23.50	
	25	LOW	QPSK	22.66	22.65	22.78	23.50	
	5	1	LOW	Q16	22.56	22.71	22.86	23.50
			MID	Q16	22.77	22.85	22.80	23.50
HIGH			Q16	22.98	22.76	22.82	23.50	
12		LOW	Q16	21.48	21.68	21.56	22.50	
		MID	Q16	21.74	21.68	21.71	22.50	
		HIGH	Q16	21.56	21.51	21.79	22.50	
25		LOW	Q16	21.59	21.59	21.57	22.50	
5		1	LOW	64QAM	21.58	21.67	21.78	22.50
			MID	64QAM	21.67	21.56	21.76	22.50
	HIGH		64QAM	21.62	21.59	21.93	22.50	
	12	LOW	64QAM	20.25	20.30	20.53	21.50	
		MID	64QAM	20.46	20.77	20.56	21.50	
		HIGH	64QAM	20.63	20.72	20.57	21.50	
	25	LOW	64QAM	20.37	20.15	20.53	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)	
10	1	LOW	QPSK	22.47	22.29	22.50	23.50	
		MID	QPSK	22.50	22.46	22.89	23.50	
		HIGH	QPSK	22.54	22.68	22.81	23.50	
	25	LOW	QPSK	22.48	22.89	22.86	23.50	
		MID	QPSK	22.70	22.66	22.69	23.50	
		HIGH	QPSK	22.81	22.59	22.68	23.50	
50	LOW	QPSK	22.52	22.61	22.76	23.50		
10	1	LOW	Q16	22.76	22.63	22.74	23.50	
		MID	Q16	22.93	22.89	23.31	23.50	
		HIGH	Q16	22.82	22.67	23.30	23.50	
	25	LOW	Q16	21.67	21.85	21.59	22.50	
		MID	Q16	21.64	21.53	21.82	22.50	
		HIGH	Q16	21.75	21.57	21.91	22.50	
50	LOW	Q16	21.64	21.59	21.83	22.50		
10	1	LOW	64QAM	21.69	21.76	21.72	22.50	
		MID	64QAM	21.42	21.65	21.97	22.50	
		HIGH	64QAM	21.92	21.70	21.98	22.50	
	25	LOW	64QAM	20.42	20.23	20.37	21.50	
		MID	64QAM	20.62	20.63	20.39	21.50	
		HIGH	64QAM	20.45	20.47	20.42	21.50	
	50	LOW	64QAM	20.35	20.39	20.55	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	22.47	22.46	22.54	23.50	
		MID	QPSK	22.60	22.62	22.66	23.50	
		HIGH	QPSK	22.54	22.41	22.55	23.50	
	36	LOW	QPSK	22.70	22.78	22.74	23.50	
		MID	QPSK	22.79	22.61	22.80	23.50	
		HIGH	QPSK	22.79	22.77	22.93	23.50	
	75	LOW	QPSK	22.54	22.61	22.85	23.50	
	15	1	LOW	Q16	22.63	22.76	22.90	23.50
			MID	Q16	22.65	22.91	23.01	23.50
HIGH			Q16	22.71	22.71	23.04	23.50	
36		LOW	Q16	21.52	21.72	21.67	22.50	
		MID	Q16	21.46	21.72	21.88	22.50	
		HIGH	Q16	21.54	21.49	21.66	22.50	
75		LOW	Q16	21.44	21.62	21.72	22.50	
15		1	LOW	64QAM	21.58	21.76	21.76	22.50
			MID	64QAM	21.52	21.76	21.71	22.50
	HIGH		64QAM	21.90	21.61	21.72	22.50	
	36	LOW	64QAM	20.50	20.28	20.35	21.50	
		MID	64QAM	20.44	20.69	20.48	21.50	
		HIGH	64QAM	20.38	20.60	20.69	21.50	
	75	LOW	64QAM	20.37	20.33	20.53	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	22.56	22.53	22.63	23.50
MID			QPSK	22.70	22.71	22.84	23.50	
HIGH			QPSK	22.76	22.61	22.77	23.50	
50		LOW	QPSK	22.70	22.80	22.81	23.50	
		MID	QPSK	22.72	22.77	22.87	23.50	
		HIGH	QPSK	22.77	22.70	22.86	23.50	
100		LOW	QPSK	22.70	22.74	22.80	23.50	
20		1	LOW	Q16	22.65	22.78	22.97	23.50
			MID	Q16	22.88	22.98	23.22	23.50
	HIGH		Q16	22.89	22.87	23.25	23.50	
	50	LOW	Q16	21.65	21.74	21.80	22.50	
		MID	Q16	21.70	21.74	21.84	22.50	
		HIGH	Q16	21.75	21.66	21.85	22.50	
	100	LOW	Q16	21.68	21.68	21.81	22.50	
	20	1	LOW	64QAM	21.69	21.65	21.74	22.50
			MID	64QAM	21.61	21.80	21.95	22.50
HIGH			64QAM	21.86	21.70	21.87	22.50	
50		LOW	64QAM	20.48	20.46	20.43	21.50	
		MID	64QAM	20.56	20.67	20.60	21.50	
		HIGH	64QAM	20.59	20.64	20.65	21.50	
100		LOW	64QAM	20.41	20.29	20.65	21.50	

8.3.4 LTE Band7 Output Power

LTE B7-Level1-Ant.3 (DC_7A_n5A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	13.46	13.65	13.65	14.00	
		MID	QPSK	13.50	13.55	13.46	14.00	
		HIGH	QPSK	13.67	13.61	13.63	14.00	
	12	LOW	QPSK	13.52	13.45	13.50	14.00	
		MID	QPSK	13.64	13.55	13.50	14.00	
		HIGH	QPSK	13.60	13.56	13.45	14.00	
	25	LOW	QPSK	13.52	13.63	13.57	14.00	
	5	1	LOW	Q16	13.57	13.52	13.50	14.00
			MID	Q16	13.61	13.49	13.55	14.00
HIGH			Q16	13.46	13.45	13.52	14.00	
12		LOW	Q16	13.53	13.45	13.63	14.00	
		MID	Q16	13.65	13.48	13.67	14.00	
		HIGH	Q16	13.65	13.57	13.60	14.00	
25		LOW	Q16	13.48	13.53	13.45	14.00	
5		1	LOW	64QAM	13.56	13.65	13.48	14.00
			MID	64QAM	13.61	13.57	13.65	14.00
	HIGH		64QAM	13.64	13.60	13.48	14.00	
	12	LOW	64QAM	13.52	13.53	13.45	14.00	
		MID	64QAM	13.56	13.67	13.50	14.00	
		HIGH	64QAM	13.55	13.59	13.67	14.00	
	25	LOW	64QAM	13.64	13.50	13.67	14.00	
	10	1	LOW	QPSK	13.67	13.50	13.45	14.00
			MID	QPSK	13.52	13.48	13.55	14.00
HIGH			QPSK	13.64	13.67	13.46	14.00	
25		LOW	QPSK	13.65	13.60	13.56	14.00	
		MID	QPSK	13.45	13.59	13.52	14.00	
		HIGH	QPSK	13.59	13.49	13.49	14.00	
50		LOW	QPSK	13.63	13.63	13.59	14.00	
10		1	LOW	Q16	13.48	13.67	13.59	14.00
			MID	Q16	13.61	13.67	13.49	14.00
	HIGH		Q16	13.52	13.52	13.45	14.00	
	25	LOW	Q16	13.55	13.52	13.48	14.00	
		MID	Q16	13.59	13.57	13.46	14.00	
		HIGH	Q16	13.45	13.50	13.65	14.00	
	50	LOW	Q16	13.63	13.49	13.56	14.00	
	10	1	LOW	64QAM	13.59	13.65	13.67	14.00
			MID	64QAM	13.52	13.53	13.61	14.00
HIGH			64QAM	13.56	13.64	13.55	14.00	
25		LOW	64QAM	13.49	13.50	13.59	14.00	
		MID	64QAM	13.67	13.46	13.52	14.00	
		HIGH	64QAM	13.49	13.49	13.67	14.00	
50		LOW	64QAM	13.65	13.64	13.50	14.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	13.45	13.48	13.57	14.00	
		MID	QPSK	13.60	13.65	13.53	14.00	
		HIGH	QPSK	13.56	13.61	13.45	14.00	
	36	LOW	QPSK	13.46	13.48	13.45	14.00	
		MID	QPSK	13.60	13.52	13.55	14.00	
		HIGH	QPSK	13.52	13.64	13.64	14.00	
	75	LOW	QPSK	13.64	13.50	13.46	14.00	
	15	1	LOW	Q16	13.56	13.61	13.57	14.00
			MID	Q16	13.49	13.67	13.64	14.00
HIGH			Q16	13.55	13.67	13.67	14.00	
36		LOW	Q16	13.67	13.53	13.53	14.00	
		MID	Q16	13.61	13.64	13.60	14.00	
		HIGH	Q16	13.45	13.63	13.55	14.00	
75		LOW	Q16	13.48	13.63	13.61	14.00	
15		1	LOW	64QAM	13.55	13.52	13.49	14.00
			MID	64QAM	13.50	13.61	13.64	14.00
	HIGH		64QAM	13.59	13.48	13.64	14.00	
	36	LOW	64QAM	13.61	13.60	13.46	14.00	
		MID	64QAM	13.52	13.49	13.53	14.00	
		HIGH	64QAM	13.46	13.52	13.50	14.00	
	75	LOW	64QAM	13.63	13.60	13.46	14.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	13.60	13.48	13.48	14.00
MID			QPSK	13.63	13.50	13.63	14.00	
HIGH			QPSK	13.45	13.53	13.65	14.00	
50		LOW	QPSK	13.67	13.61	13.65	14.00	
		MID	QPSK	13.64	13.64	13.46	14.00	
		HIGH	QPSK	13.61	13.60	13.60	14.00	
100		LOW	QPSK	13.56	13.57	13.50	14.00	
20		1	LOW	Q16	13.57	13.50	13.46	14.00
			MID	Q16	13.49	13.60	13.57	14.00
	HIGH		Q16	13.63	13.61	13.64	14.00	
	50	LOW	Q16	13.57	13.46	13.53	14.00	
		MID	Q16	13.48	13.55	13.46	14.00	
		HIGH	Q16	13.50	13.57	13.48	14.00	
	100	LOW	Q16	13.55	13.63	13.57	14.00	
	20	1	LOW	64QAM	13.50	13.57	13.52	14.00
			MID	64QAM	13.53	13.59	13.65	14.00
HIGH			64QAM	13.55	13.61	13.59	14.00	
50		LOW	64QAM	13.67	13.56	13.60	14.00	
		MID	64QAM	13.59	13.56	13.50	14.00	
		HIGH	64QAM	13.53	13.48	13.64	14.00	
100		LOW	64QAM	13.67	13.63	13.46	14.00	

LTE B7-Level2&3-Ant.3 (DC_7A_n5A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	9.10	9.06	9.14	9.50	
		MID	QPSK	9.06	9.11	9.18	9.50	
		HIGH	QPSK	9.11	9.11	9.13	9.50	
	12	LOW	QPSK	9.18	9.21	9.19	9.50	
		MID	QPSK	9.10	9.16	9.07	9.50	
		HIGH	QPSK	9.10	9.09	9.10	9.50	
	25	LOW	QPSK	9.11	9.07	9.19	9.50	
	5	1	LOW	Q16	9.10	9.06	9.04	9.50
			MID	Q16	9.17	9.15	9.10	9.50
HIGH			Q16	9.11	9.03	9.07	9.50	
12		LOW	Q16	9.17	9.16	9.09	9.50	
		MID	Q16	9.09	9.07	9.07	9.50	
		HIGH	Q16	9.17	9.12	9.06	9.50	
25		LOW	Q16	9.10	9.17	9.15	9.50	
5		1	LOW	64QAM	9.07	9.04	9.06	9.50
			MID	64QAM	9.15	9.02	9.17	9.50
	HIGH		64QAM	9.07	9.17	9.16	9.50	
	12	LOW	64QAM	9.11	9.02	9.14	9.50	
		MID	64QAM	9.12	9.05	9.08	9.50	
		HIGH	64QAM	9.06	9.15	9.16	9.50	
	25	LOW	64QAM	9.12	9.04	9.02	9.50	
	10	1	LOW	QPSK	9.15	9.09	9.17	9.50
			MID	QPSK	9.11	9.19	9.06	9.50
HIGH			QPSK	9.10	9.12	9.09	9.50	
25		LOW	QPSK	9.07	9.11	9.06	9.50	
		MID	QPSK	9.18	9.19	9.15	9.50	
		HIGH	QPSK	9.13	9.08	9.16	9.50	
50		LOW	QPSK	9.19	9.07	9.21	9.50	
10		1	LOW	Q16	9.13	9.10	9.11	9.50
			MID	Q16	9.16	9.07	9.07	9.50
	HIGH		Q16	9.07	9.15	9.07	9.50	
	25	LOW	Q16	9.07	9.16	9.16	9.50	
		MID	Q16	9.12	9.05	9.15	9.50	
		HIGH	Q16	9.13	9.05	9.14	9.50	
	50	LOW	Q16	9.08	9.07	9.05	9.50	
	10	1	LOW	64QAM	9.05	9.02	9.15	9.50
			MID	64QAM	9.06	9.07	9.05	9.50
HIGH			64QAM	9.07	9.17	9.12	9.50	
25		LOW	64QAM	9.04	9.16	9.11	9.50	
		MID	64QAM	9.08	9.03	9.15	9.50	
		HIGH	64QAM	9.12	9.05	9.15	9.50	
50		LOW	64QAM	9.12	9.06	9.09	9.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	9.06	9.11	9.07	9.50	
		MID	QPSK	9.16	9.14	9.06	9.50	
		HIGH	QPSK	9.15	9.16	9.17	9.50	
	36	LOW	QPSK	9.09	9.06	9.07	9.50	
		MID	QPSK	9.13	9.12	9.10	9.50	
		HIGH	QPSK	9.21	9.16	9.09	9.50	
	75	LOW	QPSK	9.14	9.09	9.14	9.50	
	15	1	LOW	Q16	9.07	9.07	9.02	9.50
			MID	Q16	9.09	9.05	9.05	9.50
HIGH			Q16	9.04	9.09	9.14	9.50	
36		LOW	Q16	9.06	9.06	9.10	9.50	
		MID	Q16	9.12	9.09	9.06	9.50	
		HIGH	Q16	9.03	9.14	9.11	9.50	
75		LOW	Q16	9.16	9.04	9.05	9.50	
15		1	LOW	64QAM	9.11	9.09	9.13	9.50
			MID	64QAM	9.16	9.02	9.14	9.50
	HIGH		64QAM	9.06	9.15	9.09	9.50	
	36	LOW	64QAM	9.10	9.12	9.07	9.50	
		MID	64QAM	9.16	9.17	9.11	9.50	
		HIGH	64QAM	9.16	9.11	9.17	9.50	
	75	LOW	64QAM	9.02	9.11	9.15	9.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	9.20	9.20	9.14	9.50
MID			QPSK	9.06	9.19	9.15	9.50	
HIGH			QPSK	9.19	9.08	9.17	9.50	
50		LOW	QPSK	9.19	9.21	9.19	9.50	
		MID	QPSK	9.16	9.11	9.18	9.50	
		HIGH	QPSK	9.18	9.15	9.08	9.50	
100		LOW	QPSK	9.11	9.10	9.13	9.50	
20		1	LOW	Q16	9.03	9.14	9.08	9.50
			MID	Q16	9.09	9.04	9.07	9.50
	HIGH		Q16	9.02	9.09	9.11	9.50	
	50	LOW	Q16	9.08	9.08	9.14	9.50	
		MID	Q16	9.05	9.04	9.14	9.50	
		HIGH	Q16	9.16	9.17	9.06	9.50	
	100	LOW	Q16	9.06	9.02	9.07	9.50	
	20	1	LOW	64QAM	9.06	9.14	9.10	9.50
			MID	64QAM	9.16	9.07	9.07	9.50
HIGH			64QAM	9.07	9.07	9.07	9.50	
50		LOW	64QAM	9.03	9.09	9.02	9.50	
		MID	64QAM	9.09	9.07	9.06	9.50	
		HIGH	64QAM	9.05	9.06	9.06	9.50	
100		LOW	64QAM	9.10	9.04	9.15	9.50	

LTE B7-Level4-Ant.3 (DC_7A_n5A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	16.28	16.63	16.56	17.50	
		MID	QPSK	16.40	16.44	16.53	17.50	
		HIGH	QPSK	16.55	16.34	16.37	17.50	
	12	LOW	QPSK	16.38	16.44	16.23	17.50	
		MID	QPSK	16.69	16.39	16.36	17.50	
		HIGH	QPSK	16.34	16.30	16.43	17.50	
	25	LOW	QPSK	16.32	16.11	16.68	17.50	
	5	1	LOW	Q16	16.64	16.10	16.47	17.50
			MID	Q16	16.20	16.24	16.24	17.50
HIGH			Q16	16.60	16.35	16.31	17.50	
12		LOW	Q16	16.10	16.20	16.46	17.50	
		MID	Q16	16.34	16.37	16.44	17.50	
		HIGH	Q16	16.33	16.27	16.42	17.50	
25		LOW	Q16	16.40	16.44	16.37	17.50	
5		1	LOW	64QAM	16.27	16.31	16.46	17.50
			MID	64QAM	16.48	16.31	16.35	17.50
	HIGH		64QAM	16.63	16.51	16.67	17.50	
	12	LOW	64QAM	16.30	16.14	16.54	17.50	
		MID	64QAM	16.53	16.28	16.04	17.50	
		HIGH	64QAM	16.56	16.15	16.34	17.50	
	25	LOW	64QAM	16.25	16.48	16.23	17.50	
	10	1	LOW	QPSK	16.38	16.56	16.51	17.50
			MID	QPSK	16.51	16.66	16.43	17.50
HIGH			QPSK	16.56	16.37	16.44	17.50	
25		LOW	QPSK	16.39	16.39	16.30	17.50	
		MID	QPSK	16.69	16.49	16.49	17.50	
		HIGH	QPSK	16.41	16.30	16.53	17.50	
50		LOW	QPSK	16.51	16.17	16.68	17.50	
10		1	LOW	Q16	16.66	16.12	16.32	17.50
			MID	Q16	16.23	16.37	16.47	17.50
	HIGH		Q16	16.46	16.26	16.49	17.50	
	25	LOW	Q16	16.21	16.22	16.54	17.50	
		MID	Q16	16.28	16.37	16.44	17.50	
		HIGH	Q16	16.34	16.37	16.45	17.50	
	50	LOW	Q16	16.41	16.23	16.28	17.50	
	10	1	LOW	64QAM	16.30	16.49	16.61	17.50
			MID	64QAM	16.43	16.34	16.47	17.50
HIGH			64QAM	16.44	16.59	16.44	17.50	
25		LOW	64QAM	16.38	16.32	16.54	17.50	
		MID	64QAM	16.56	16.41	16.28	17.50	
		HIGH	64QAM	16.48	16.36	16.43	17.50	
50		LOW	64QAM	16.18	16.43	16.26	17.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	16.30	16.44	16.43	17.50	
		MID	QPSK	16.48	16.63	16.58	17.50	
		HIGH	QPSK	16.51	16.34	16.47	17.50	
	36	LOW	QPSK	16.41	16.25	16.35	17.50	
		MID	QPSK	16.58	16.37	16.47	17.50	
		HIGH	QPSK	16.31	16.41	16.61	17.50	
	75	LOW	QPSK	16.50	16.07	16.51	17.50	
	15	1	LOW	Q16	16.57	16.02	16.44	17.50
			MID	Q16	16.13	16.23	16.37	17.50
HIGH			Q16	16.48	16.25	16.37	17.50	
36		LOW	Q16	16.13	16.19	16.48	17.50	
		MID	Q16	16.39	16.32	16.34	17.50	
		HIGH	Q16	16.28	16.36	16.29	17.50	
75		LOW	Q16	16.51	16.26	16.21	17.50	
15		1	LOW	64QAM	16.33	16.47	16.45	17.50
			MID	64QAM	16.38	16.38	16.47	17.50
	HIGH		64QAM	16.44	16.33	16.60	17.50	
	36	LOW	64QAM	16.51	16.30	16.37	17.50	
		MID	64QAM	16.51	16.37	16.04	17.50	
		HIGH	64QAM	16.33	16.36	16.34	17.50	
	75	LOW	64QAM	16.35	16.42	16.36	17.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	16.43	16.56	16.48	17.50
MID			QPSK	16.58	16.61	16.53	17.50	
HIGH			QPSK	16.48	16.49	16.54	17.50	
50		LOW	QPSK	16.41	16.41	16.38	17.50	
		MID	QPSK	16.61	16.44	16.54	17.50	
		HIGH	QPSK	16.46	16.43	16.56	17.50	
100		LOW	QPSK	16.48	16.17	16.63	17.50	
20		1	LOW	Q16	16.59	16.10	16.39	17.50
			MID	Q16	16.28	16.39	16.40	17.50
	HIGH		Q16	16.53	16.28	16.47	17.50	
	50	LOW	Q16	16.28	16.30	16.61	17.50	
		MID	Q16	16.46	16.34	16.46	17.50	
		HIGH	Q16	16.46	16.29	16.42	17.50	
	100	LOW	Q16	16.53	16.36	16.39	17.50	
	20	1	LOW	64QAM	16.35	16.44	16.53	17.50
			MID	64QAM	16.41	16.36	16.40	17.50
HIGH			64QAM	16.56	16.51	16.62	17.50	
50		LOW	64QAM	16.46	16.25	16.54	17.50	
		MID	64QAM	16.48	16.39	16.20	17.50	
		HIGH	64QAM	16.48	16.28	16.51	17.50	
100		LOW	64QAM	16.28	16.50	16.41	17.50	

LTE B7-Level5&6-Ant.3 (DC_7A_n5A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	15.26	15.50	15.28	16.00	
		MID	QPSK	15.59	15.49	15.35	16.00	
		HIGH	QPSK	15.25	15.38	15.40	16.00	
	12	LOW	QPSK	15.29	15.12	15.15	16.00	
		MID	QPSK	15.44	15.34	15.60	16.00	
		HIGH	QPSK	15.40	15.25	15.38	16.00	
	25	LOW	QPSK	15.45	15.35	15.57	16.00	
	5	1	LOW	Q16	15.30	15.40	15.33	16.00
			MID	Q16	15.28	15.30	15.31	16.00
HIGH			Q16	15.42	15.16	15.50	16.00	
12		LOW	Q16	15.05	15.27	15.60	16.00	
		MID	Q16	15.28	15.23	15.24	16.00	
		HIGH	Q16	15.54	15.19	15.56	16.00	
25		LOW	Q16	15.49	15.21	15.44	16.00	
5		1	LOW	64QAM	15.23	15.23	15.45	16.00
			MID	64QAM	15.30	15.36	15.14	16.00
	HIGH		64QAM	15.33	15.39	15.51	16.00	
	12	LOW	64QAM	15.43	15.08	15.56	16.00	
		MID	64QAM	15.40	15.36	15.09	16.00	
		HIGH	64QAM	15.36	15.11	15.28	16.00	
	25	LOW	64QAM	15.21	15.47	15.32	16.00	
10	1	LOW	QPSK	15.33	15.61	15.43	16.00	
		MID	QPSK	15.62	15.58	15.39	16.00	
		HIGH	QPSK	15.39	15.53	15.33	16.00	
	25	LOW	QPSK	15.18	15.13	15.19	16.00	
		MID	QPSK	15.37	15.34	15.55	16.00	
		HIGH	QPSK	15.48	15.48	15.29	16.00	
	50	LOW	QPSK	15.39	15.39	15.77	16.00	
	10	1	LOW	Q16	15.53	15.31	15.31	16.00
			MID	Q16	15.26	15.19	15.36	16.00
HIGH			Q16	15.41	15.27	15.41	16.00	
25		LOW	Q16	15.25	15.20	15.52	16.00	
		MID	Q16	15.29	15.28	15.37	16.00	
		HIGH	Q16	15.40	15.16	15.33	16.00	
50	LOW	Q16	15.35	15.21	15.31	16.00		
10	1	LOW	64QAM	15.28	15.14	15.28	16.00	
		MID	64QAM	15.13	15.22	15.31	16.00	
		HIGH	64QAM	15.22	15.47	15.53	16.00	
	25	LOW	64QAM	15.51	15.12	15.37	16.00	
		MID	64QAM	15.52	15.34	15.14	16.00	
		HIGH	64QAM	15.31	15.18	15.31	16.00	
	50	LOW	64QAM	14.96	15.34	15.16	16.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	15.39	15.50	15.29	16.00	
		MID	QPSK	15.44	15.44	15.47	16.00	
		HIGH	QPSK	15.42	15.47	15.42	16.00	
	36	LOW	QPSK	15.29	15.13	15.22	16.00	
		MID	QPSK	15.38	15.37	15.44	16.00	
		HIGH	QPSK	15.31	15.43	15.38	16.00	
	75	LOW	QPSK	15.54	15.32	15.68	16.00	
	15	1	LOW	Q16	15.33	15.46	15.21	16.00
			MID	Q16	15.16	15.25	15.33	16.00
HIGH			Q16	15.39	15.13	15.39	16.00	
36		LOW	Q16	15.09	15.32	15.55	16.00	
		MID	Q16	15.28	15.08	15.23	16.00	
		HIGH	Q16	15.50	15.28	15.45	16.00	
75		LOW	Q16	15.49	15.14	15.48	16.00	
15		1	LOW	64QAM	15.48	15.17	15.39	16.00
			MID	64QAM	15.15	15.47	15.32	16.00
	HIGH		64QAM	15.30	15.34	15.59	16.00	
	36	LOW	64QAM	15.56	15.23	15.46	16.00	
		MID	64QAM	15.54	15.48	15.04	16.00	
		HIGH	64QAM	15.30	15.14	15.39	16.00	
	75	LOW	64QAM	15.07	15.36	15.35	16.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	15.41	15.55	15.37	16.00
MID			QPSK	15.56	15.58	15.41	16.00	
HIGH			QPSK	15.39	15.47	15.45	16.00	
50		LOW	QPSK	15.24	15.24	15.27	16.00	
		MID	QPSK	15.49	15.49	15.52	16.00	
		HIGH	QPSK	15.43	15.40	15.44	16.00	
100		LOW	QPSK	15.56	15.47	15.71	16.00	
20		1	LOW	Q16	15.47	15.48	15.36	16.00
			MID	Q16	15.28	15.28	15.31	16.00
	HIGH		Q16	15.44	15.22	15.50	16.00	
	50	LOW	Q16	15.20	15.32	15.55	16.00	
		MID	Q16	15.43	15.23	15.35	16.00	
		HIGH	Q16	15.52	15.31	15.50	16.00	
	100	LOW	Q16	15.47	15.19	15.42	16.00	
	20	1	LOW	64QAM	15.40	15.26	15.45	16.00
			MID	64QAM	15.24	15.39	15.26	16.00
HIGH			64QAM	15.39	15.45	15.53	16.00	
50		LOW	64QAM	15.48	15.20	15.54	16.00	
		MID	64QAM	15.46	15.42	15.09	16.00	
		HIGH	64QAM	15.36	15.23	15.37	16.00	
100		LOW	64QAM	15.13	15.45	15.27	16.00	

LTE B7-Level1-Ant.5 (DC_7A_n5A)									
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)		
5	1	LOW	QPSK	16.26	16.06	16.15	16.50		
		MID	QPSK	16.20	16.30	16.39	16.50		
		HIGH	QPSK	16.11	16.19	15.89	16.50		
	12	LOW	QPSK	16.41	16.42	16.00	16.50		
		MID	QPSK	16.32	16.47	16.28	16.50		
		HIGH	QPSK	16.31	16.29	16.08	16.50		
	25	LOW	QPSK	16.39	16.24	16.06	16.50		
	5	1	LOW	Q16	16.42	16.30	16.23	16.50	
			MID	Q16	16.21	16.29	15.94	16.50	
HIGH			Q16	15.93	16.32	16.18	16.50		
12		LOW	Q16	16.07	16.50	16.18	16.50		
		MID	Q16	16.05	16.43	16.06	16.50		
		HIGH	Q16	16.50	16.05	16.00	16.50		
25		LOW	Q16	16.28	16.31	16.10	16.50		
5		1	LOW	64QAM	16.46	16.14	16.37	16.50	
			MID	64QAM	16.46	16.36	16.26	16.50	
	HIGH		64QAM	16.50	16.40	16.30	16.50		
	12	LOW	64QAM	15.86	16.31	16.11	16.50		
		MID	64QAM	16.13	15.96	16.04	16.50		
		HIGH	64QAM	16.24	16.24	16.43	16.50		
	25	LOW	64QAM	15.88	16.04	16.18	16.50		
10	10	1	LOW	QPSK	16.13	16.34	15.93	16.50	
			MID	QPSK	16.10	15.96	16.20	16.50	
			HIGH	QPSK	15.94	16.30	16.35	16.50	
		25	LOW	QPSK	16.22	16.26	16.39	16.50	
			MID	QPSK	16.30	16.47	16.08	16.50	
			HIGH	QPSK	16.17	16.42	16.10	16.50	
		50	LOW	QPSK	16.34	16.41	16.18	16.50	
		10	1	LOW	Q16	16.25	16.14	16.39	16.50
				MID	Q16	15.97	16.37	16.00	16.50
	HIGH			Q16	16.16	16.31	16.38	16.50	
	25		LOW	Q16	16.28	16.39	16.22	16.50	
			MID	Q16	16.38	16.48	15.90	16.50	
			HIGH	Q16	16.32	16.11	15.95	16.50	
	50	LOW	Q16	16.24	16.42	15.90	16.50		
	10	1	LOW	64QAM	16.36	16.24	16.03	16.50	
MID			64QAM	16.16	16.17	16.11	16.50		
HIGH			64QAM	16.14	16.40	16.22	16.50		
25		LOW	64QAM	15.91	16.28	16.26	16.50		
		MID	64QAM	16.20	16.09	16.02	16.50		
		HIGH	64QAM	16.24	16.27	16.48	16.50		
50		LOW	64QAM	15.94	15.99	15.99	16.50		

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	16.08	16.39	15.96	16.50	
		MID	QPSK	16.26	16.25	16.41	16.50	
		HIGH	QPSK	16.21	16.23	16.20	16.50	
	36	LOW	QPSK	16.32	16.23	16.46	16.50	
		MID	QPSK	16.13	16.19	16.13	16.50	
		HIGH	QPSK	16.24	16.10	16.07	16.50	
	75	LOW	QPSK	16.36	16.32	16.29	16.50	
	15	1	LOW	Q16	16.20	16.25	16.44	16.50
			MID	Q16	16.03	16.21	16.05	16.50
HIGH			Q16	16.14	16.41	16.42	16.50	
36		LOW	Q16	16.43	16.32	16.27	16.50	
		MID	Q16	16.17	16.33	16.24	16.50	
		HIGH	Q16	16.50	16.08	16.08	16.50	
75		LOW	Q16	16.08	16.28	16.01	16.50	
15		1	LOW	64QAM	16.14	16.09	16.37	16.50
			MID	64QAM	16.41	16.47	16.09	16.50
	HIGH		64QAM	16.38	16.43	16.23	16.50	
	36	LOW	64QAM	16.06	16.48	16.26	16.50	
		MID	64QAM	16.20	16.30	16.01	16.50	
		HIGH	64QAM	16.39	16.35	16.48	16.50	
	75	LOW	64QAM	15.89	16.26	16.31	16.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	16.21	16.24	16.23	16.50
MID			QPSK	16.13	16.18	16.36	16.50	
HIGH			QPSK	16.13	16.41	16.23	16.50	
50		LOW	QPSK	16.36	16.31	16.31	16.50	
		MID	QPSK	16.42	16.39	16.31	16.50	
		HIGH	QPSK	16.31	16.41	16.21	16.50	
100		LOW	QPSK	16.42	16.34	16.38	16.50	
20		1	LOW	Q16	16.26	16.30	16.29	16.50
			MID	Q16	16.23	16.38	16.10	16.50
	HIGH		Q16	16.13	16.39	16.38	16.50	
	50	LOW	Q16	16.27	16.43	16.50	16.50	
		MID	Q16	16.30	16.46	16.03	16.50	
		HIGH	Q16	16.43	16.26	16.20	16.50	
	100	LOW	Q16	16.18	16.40	16.01	16.50	
	20	1	LOW	64QAM	16.38	16.27	16.31	16.50
			MID	64QAM	16.39	16.44	16.19	16.50
HIGH			64QAM	16.44	16.32	16.12	16.50	
50		LOW	64QAM	16.18	16.45	16.16	16.50	
		MID	64QAM	16.23	16.12	16.05	16.50	
		HIGH	64QAM	16.44	16.27	16.43	16.50	
100		LOW	64QAM	15.99	16.19	16.33	16.50	

LTE B7-Level2&3-Ant.5 (DC_7A_n5A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	13.65	13.65	13.79	14.00	
		MID	QPSK	13.79	13.82	13.64	14.00	
		HIGH	QPSK	13.70	13.83	13.79	14.00	
	12	LOW	QPSK	13.75	13.77	13.72	14.00	
		MID	QPSK	13.77	13.76	13.75	14.00	
		HIGH	QPSK	13.66	13.73	13.76	14.00	
	25	LOW	QPSK	13.64	13.70	13.61	14.00	
	5	1	LOW	Q16	13.83	13.64	13.62	14.00
			MID	Q16	13.76	13.80	13.61	14.00
HIGH			Q16	13.80	13.83	13.69	14.00	
12		LOW	Q16	13.75	13.64	13.83	14.00	
		MID	Q16	13.70	13.61	13.79	14.00	
		HIGH	Q16	13.80	13.61	13.72	14.00	
25		LOW	Q16	13.83	13.70	13.65	14.00	
5		1	LOW	64QAM	13.80	13.77	13.83	14.00
			MID	64QAM	13.79	13.68	13.79	14.00
	HIGH		64QAM	13.83	13.66	13.82	14.00	
	12	LOW	64QAM	13.83	13.72	13.65	14.00	
		MID	64QAM	13.62	13.61	13.83	14.00	
		HIGH	64QAM	13.82	13.66	13.80	14.00	
	25	LOW	64QAM	13.80	13.75	13.64	14.00	
	10	1	LOW	QPSK	13.64	13.64	13.72	14.00
			MID	QPSK	13.61	13.73	13.68	14.00
HIGH			QPSK	13.75	13.82	13.64	14.00	
25		LOW	QPSK	13.68	13.76	13.76	14.00	
		MID	QPSK	13.65	13.69	13.64	14.00	
		HIGH	QPSK	13.83	13.68	13.61	14.00	
50		LOW	QPSK	13.65	13.82	13.66	14.00	
10		1	LOW	Q16	13.75	13.79	13.68	14.00
			MID	Q16	13.62	13.76	13.73	14.00
	HIGH		Q16	13.79	13.72	13.83	14.00	
	25	LOW	Q16	13.66	13.73	13.68	14.00	
		MID	Q16	13.68	13.61	13.77	14.00	
		HIGH	Q16	13.75	13.76	13.62	14.00	
	50	LOW	Q16	13.77	13.70	13.70	14.00	
	10	1	LOW	64QAM	13.72	13.82	13.73	14.00
			MID	64QAM	13.76	13.82	13.80	14.00
HIGH			64QAM	13.73	13.82	13.72	14.00	
25		LOW	64QAM	13.75	13.80	13.82	14.00	
		MID	64QAM	13.79	13.76	13.77	14.00	
		HIGH	64QAM	13.77	13.73	13.77	14.00	
50		LOW	64QAM	13.69	13.82	13.70	14.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	13.79	13.66	13.77	14.00	
		MID	QPSK	13.72	13.83	13.62	14.00	
		HIGH	QPSK	13.75	13.80	13.76	14.00	
	36	LOW	QPSK	13.62	13.75	13.80	14.00	
		MID	QPSK	13.76	13.80	13.68	14.00	
		HIGH	QPSK	13.73	13.73	13.72	14.00	
	75	LOW	QPSK	13.76	13.70	13.62	14.00	
	15	1	LOW	Q16	13.82	13.62	13.73	14.00
			MID	Q16	13.66	13.69	13.77	14.00
HIGH			Q16	13.83	13.70	13.70	14.00	
36		LOW	Q16	13.66	13.64	13.77	14.00	
		MID	Q16	13.75	13.61	13.66	14.00	
		HIGH	Q16	13.70	13.82	13.79	14.00	
75		LOW	Q16	13.64	13.76	13.64	14.00	
15		1	LOW	64QAM	13.64	13.77	13.77	14.00
			MID	64QAM	13.77	13.72	13.77	14.00
	HIGH		64QAM	13.68	13.66	13.70	14.00	
	36	LOW	64QAM	13.72	13.82	13.68	14.00	
		MID	64QAM	13.68	13.76	13.66	14.00	
		HIGH	64QAM	13.65	13.66	13.77	14.00	
	75	LOW	64QAM	13.77	13.80	13.82	14.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	13.66	13.77	13.72	14.00
MID			QPSK	13.75	13.62	13.82	14.00	
HIGH			QPSK	13.65	13.79	13.70	14.00	
50		LOW	QPSK	13.79	13.80	13.65	14.00	
		MID	QPSK	13.61	13.66	13.69	14.00	
		HIGH	QPSK	13.62	13.76	13.62	14.00	
100		LOW	QPSK	13.83	13.73	13.61	14.00	
20		1	LOW	Q16	13.75	13.77	13.77	14.00
			MID	Q16	13.72	13.82	13.80	14.00
	HIGH		Q16	13.68	13.70	13.70	14.00	
	50	LOW	Q16	13.70	13.83	13.83	14.00	
		MID	Q16	13.68	13.68	13.68	14.00	
		HIGH	Q16	13.83	13.65	13.65	14.00	
	100	LOW	Q16	13.79	13.73	13.70	14.00	
	20	1	LOW	64QAM	13.77	13.72	13.62	14.00
			MID	64QAM	13.69	13.61	13.76	14.00
HIGH			64QAM	13.64	13.65	13.65	14.00	
50		LOW	64QAM	13.61	13.68	13.76	14.00	
		MID	64QAM	13.83	13.61	13.69	14.00	
		HIGH	64QAM	13.69	13.68	13.66	14.00	
100		LOW	64QAM	13.83	13.70	13.68	14.00	

LTE B7-Level4-Ant.5 (DC_7A_n5A)								
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	19.96	20.34	20.22	21.00	
		MID	QPSK	20.34	20.38	19.96	21.00	
		HIGH	QPSK	19.92	19.78	20.20	21.00	
	12	LOW	QPSK	20.04	20.45	20.08	21.00	
		MID	QPSK	20.16	20.08	20.18	21.00	
		HIGH	QPSK	20.30	20.12	19.74	21.00	
	25	LOW	QPSK	20.30	20.25	19.90	21.00	
	5	1	LOW	Q16	20.04	20.46	19.96	21.00
			MID	Q16	20.18	19.98	20.02	21.00
HIGH			Q16	20.38	20.11	20.16	21.00	
12		LOW	Q16	19.84	20.20	19.94	21.00	
		MID	Q16	20.14	20.07	20.10	21.00	
		HIGH	Q16	20.18	19.77	19.84	21.00	
25		LOW	Q16	20.10	20.09	19.68	21.00	
5		1	LOW	64QAM	19.86	20.33	19.88	21.00
			MID	64QAM	20.08	20.33	20.18	21.00
	HIGH		64QAM	20.08	20.23	20.32	21.00	
	12	LOW	64QAM	19.58	19.44	19.60	21.00	
		MID	64QAM	19.19	19.06	19.74	21.00	
		HIGH	64QAM	19.62	20.32	19.40	21.00	
	25	LOW	64QAM	20.04	19.82	19.68	21.00	
Bandwidth (	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
10	1	LOW	QPSK	20.32	20.02	19.94	21.00	
		MID	QPSK	20.66	20.08	19.80	21.00	
		HIGH	QPSK	20.40	19.92	20.18	21.00	
	25	LOW	QPSK	19.98	20.47	20.06	21.00	
		MID	QPSK	20.14	20.04	20.42	21.00	
		HIGH	QPSK	19.84	20.14	20.18	21.00	
50	LOW	QPSK	20.52	20.47	20.24	21.00		
10	1	LOW	Q16	20.06	20.42	19.86	21.00	
		MID	Q16	20.32	19.84	19.88	21.00	
		HIGH	Q16	20.04	20.13	20.22	21.00	
	25	LOW	Q16	19.98	20.12	20.06	21.00	
		MID	Q16	20.32	20.25	20.30	21.00	
		HIGH	Q16	19.88	20.17	20.02	21.00	
50	LOW	Q16	20.04	20.43	19.80	21.00		
10	1	LOW	64QAM	19.92	20.43	20.24	21.00	
		MID	64QAM	19.88	20.35	20.06	21.00	
		HIGH	64QAM	20.18	20.15	19.86	21.00	
	25	LOW	64QAM	19.45	19.40	19.82	21.00	
		MID	64QAM	19.34	18.98	19.38	21.00	
		HIGH	64QAM	19.74	20.02	19.70	21.00	
	50	LOW	64QAM	20.06	19.50	19.25	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	19.82	20.08	20.12	21.00	
		MID	QPSK	20.20	20.12	19.88	21.00	
		HIGH	QPSK	20.14	19.98	20.20	21.00	
	36	LOW	QPSK	20.22	20.17	20.28	21.00	
		MID	QPSK	20.08	19.92	20.38	21.00	
		HIGH	QPSK	19.84	19.92	19.72	21.00	
	75	LOW	QPSK	20.18	20.41	20.26	21.00	
	15	1	LOW	Q16	20.04	20.48	20.18	21.00
			MID	Q16	20.32	20.02	19.92	21.00
HIGH			Q16	20.22	20.19	20.36	21.00	
36		LOW	Q16	19.96	20.18	20.10	21.00	
		MID	Q16	20.36	19.81	20.24	21.00	
		HIGH	Q16	20.02	19.95	19.90	21.00	
75		LOW	Q16	20.44	19.95	19.82	21.00	
15		1	LOW	64QAM	20.18	20.11	20.40	21.00
			MID	64QAM	19.98	20.27	20.10	21.00
	HIGH		64QAM	20.06	20.21	20.26	21.00	
	36	LOW	64QAM	19.34	19.70	19.62	21.00	
		MID	64QAM	19.86	19.35	19.68	21.00	
		HIGH	64QAM	19.50	20.16	19.76	21.00	
	75	LOW	64QAM	19.74	19.42	19.80	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	20.08	20.22	20.30	21.00
MID			QPSK	20.40	20.18	20.00	21.00	
HIGH			QPSK	20.26	20.04	20.32	21.00	
50		LOW	QPSK	20.18	20.33	20.18	21.00	
		MID	QPSK	20.18	20.06	20.24	21.00	
		HIGH	QPSK	20.12	20.14	20.02	21.00	
100		LOW	QPSK	20.30	20.31	20.22	21.00	
20		1	LOW	Q16	20.16	20.30	20.04	21.00
			MID	Q16	20.36	20.10	20.26	21.00
	HIGH		Q16	20.32	20.45	20.24	21.00	
	50	LOW	Q16	20.18	20.16	20.26	21.00	
		MID	Q16	20.18	20.15	20.30	21.00	
		HIGH	Q16	20.04	20.15	19.88	21.00	
	100	LOW	Q16	20.20	20.37	19.90	21.00	
	20	1	LOW	64QAM	20.06	20.29	20.14	21.00
			MID	64QAM	20.10	20.45	20.36	21.00
HIGH			64QAM	20.08	20.41	20.26	21.00	
50		LOW	64QAM	19.46	19.68	19.72	21.00	
		MID	64QAM	19.62	19.15	19.64	21.00	
		HIGH	64QAM	19.72	20.22	19.66	21.00	
100		LOW	64QAM	19.94	19.68	19.62	21.00	

LTE B7-Level5&6-Ant.5 (DC_7A_n5A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	19.33	19.27	18.76	19.50	
		MID	QPSK	19.22	19.10	19.41	19.50	
		HIGH	QPSK	19.20	19.12	18.62	19.50	
	12	LOW	QPSK	18.92	19.15	19.27	19.50	
		MID	QPSK	18.92	19.06	19.18	19.50	
		HIGH	QPSK	18.97	18.81	19.07	19.50	
	25	LOW	QPSK	18.89	19.08	18.87	19.50	
	5	1	LOW	Q16	18.64	19.48	18.70	19.50
			MID	Q16	19.41	19.06	19.13	19.50
HIGH			Q16	19.31	19.23	19.05	19.50	
12		LOW	Q16	19.10	18.71	19.35	19.50	
		MID	Q16	18.94	19.14	18.72	19.50	
		HIGH	Q16	19.42	18.77	19.12	19.50	
25		LOW	Q16	19.07	18.95	19.15	19.50	
5		1	LOW	64QAM	18.98	19.39	19.16	19.50
			MID	64QAM	19.11	18.57	19.24	19.50
	HIGH		64QAM	19.00	19.25	18.98	19.50	
	12	LOW	64QAM	19.41	18.93	19.33	19.50	
		MID	64QAM	18.86	18.94	19.12	19.50	
		HIGH	64QAM	19.16	19.15	19.02	19.50	
	25	LOW	64QAM	19.03	19.05	19.07	19.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	19.41	19.23	19.19	19.50
MID			QPSK	19.15	19.21	19.29	19.50	
HIGH			QPSK	19.38	19.06	18.99	19.50	
25		LOW	QPSK	18.87	19.17	19.26	19.50	
		MID	QPSK	18.96	19.12	19.10	19.50	
		HIGH	QPSK	19.13	18.99	19.23	19.50	
50		LOW	QPSK	18.76	19.21	19.09	19.50	
10		1	LOW	Q16	18.85	19.29	19.04	19.50
			MID	Q16	19.13	19.04	19.00	19.50
	HIGH		Q16	19.13	19.12	19.23	19.50	
	25	LOW	Q16	19.13	18.81	19.23	19.50	
		MID	Q16	19.38	19.48	18.83	19.50	
		HIGH	Q16	19.29	18.88	19.25	19.50	
	50	LOW	Q16	18.81	18.96	19.29	19.50	
	10	1	LOW	64QAM	18.78	19.39	19.49	19.50
			MID	64QAM	19.01	18.57	19.40	19.50
HIGH			64QAM	19.11	19.33	18.78	19.50	
25		LOW	64QAM	18.94	19.14	19.39	19.50	
		MID	64QAM	18.58	18.72	18.94	19.50	
		HIGH	64QAM	19.01	19.07	18.94	19.50	
50		LOW	64QAM	18.80	19.10	19.34	19.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	19.14	19.33	19.12	19.50	
		MID	QPSK	19.49	19.00	19.21	19.50	
		HIGH	QPSK	19.03	19.12	19.10	19.50	
	36	LOW	QPSK	18.87	19.31	18.98	19.50	
		MID	QPSK	19.01	19.07	18.89	19.50	
		HIGH	QPSK	19.31	18.92	18.91	19.50	
	75	LOW	QPSK	19.19	19.42	18.85	19.50	
	15	1	LOW	Q16	18.78	19.39	18.89	19.50
			MID	Q16	19.12	18.99	19.03	19.50
HIGH			Q16	19.30	19.33	18.78	19.50	
36		LOW	Q16	19.02	18.88	19.14	19.50	
		MID	Q16	19.00	19.37	18.87	19.50	
		HIGH	Q16	19.39	18.90	19.08	19.50	
75		LOW	Q16	18.96	18.99	18.75	19.50	
15		1	LOW	64QAM	19.17	19.07	19.49	19.50
			MID	64QAM	19.20	18.51	19.33	19.50
	HIGH		64QAM	18.94	19.23	18.96	19.50	
	36	LOW	64QAM	19.19	18.88	19.14	19.50	
		MID	64QAM	18.81	18.89	19.06	19.50	
		HIGH	64QAM	19.16	19.13	18.81	19.50	
	75	LOW	64QAM	18.95	19.05	18.92	19.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	19.25	19.23	19.10	19.50
MID			QPSK	19.35	19.04	19.27	19.50	
HIGH			QPSK	19.13	19.23	19.02	19.50	
50		LOW	QPSK	19.02	19.29	19.17	19.50	
		MID	QPSK	18.96	19.14	19.00	19.50	
		HIGH	QPSK	19.33	19.02	19.27	19.50	
100		LOW	QPSK	19.08	19.27	19.15	19.50	
20		1	LOW	Q16	19.04	19.31	19.02	19.50
			MID	Q16	19.31	19.06	19.02	19.50
	HIGH		Q16	19.17	19.29	19.05	19.50	
	50	LOW	Q16	19.06	18.92	19.20	19.50	
		MID	Q16	19.23	19.35	18.81	19.50	
		HIGH	Q16	19.49	19.05	19.19	19.50	
	100	LOW	Q16	18.96	19.06	19.11	19.50	
	20	1	LOW	64QAM	19.04	19.26	19.29	19.50
			MID	64QAM	19.24	18.68	19.34	19.50
HIGH			64QAM	19.05	19.21	19.00	19.50	
50		LOW	64QAM	19.25	18.93	19.41	19.50	
		MID	64QAM	18.92	18.98	19.00	19.50	
		HIGH	64QAM	19.18	19.13	19.02	19.50	
100		LOW	64QAM	19.11	19.10	19.15	19.50	

8.3.4 LTE Band7 Output Power

LTE B7-Level1-Ant.5 (DC_7A_n66A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	15.23	15.36	15.43	15.50	
		MID	QPSK	15.16	15.03	15.19	15.50	
		HIGH	QPSK	15.12	15.18	15.32	15.50	
	12	LOW	QPSK	15.26	15.28	15.36	15.50	
		MID	QPSK	15.04	15.36	15.44	15.50	
		HIGH	QPSK	15.04	15.24	14.74	15.50	
	25	LOW	QPSK	15.39	15.23	15.33	15.50	
	5	1	LOW	Q16	15.02	15.20	15.38	15.50
			MID	Q16	14.87	15.25	15.40	15.50
HIGH			Q16	15.27	15.14	15.21	15.50	
12		LOW	Q16	15.08	15.12	15.17	15.50	
		MID	Q16	15.09	14.98	15.02	15.50	
		HIGH	Q16	15.43	15.27	14.95	15.50	
25		LOW	Q16	15.22	15.41	14.91	15.50	
5		1	LOW	64QAM	15.24	15.12	15.31	15.50
			MID	64QAM	15.24	15.06	15.50	15.50
	HIGH		64QAM	14.91	15.04	14.89	15.50	
	12	LOW	64QAM	15.11	15.19	15.39	15.50	
		MID	64QAM	15.31	15.35	15.34	15.50	
		HIGH	64QAM	15.21	15.23	15.18	15.50	
	25	LOW	64QAM	15.08	15.02	15.05	15.50	
	10	1	LOW	QPSK	15.06	15.22	15.37	15.50
			MID	QPSK	14.95	15.08	15.08	15.50
HIGH			QPSK	14.98	15.10	15.10	15.50	
25		LOW	QPSK	15.34	15.33	15.29	15.50	
		MID	QPSK	15.06	15.23	15.48	15.50	
		HIGH	QPSK	15.05	15.34	15.09	15.50	
50		LOW	QPSK	15.37	15.33	15.17	15.50	
10		1	LOW	Q16	15.28	15.43	15.38	15.50
			MID	Q16	14.82	15.10	15.39	15.50
	HIGH		Q16	15.38	15.16	15.05	15.50	
	25	LOW	Q16	15.26	15.07	15.21	15.50	
		MID	Q16	15.14	15.02	15.10	15.50	
		HIGH	Q16	15.20	15.18	15.20	15.50	
	50	LOW	Q16	15.16	15.24	15.03	15.50	
	10	1	LOW	64QAM	15.33	15.37	15.16	15.50
			MID	64QAM	15.16	15.17	15.11	15.50
HIGH			64QAM	15.15	14.81	15.07	15.50	
25		LOW	64QAM	15.20	15.29	15.46	15.50	
		MID	64QAM	15.00	15.25	15.39	15.50	
		HIGH	64QAM	15.40	15.18	15.32	15.50	
50		LOW	64QAM	14.75	15.14	14.96	15.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	15.25	15.34	15.34	15.50	
		MID	QPSK	15.03	15.34	15.11	15.50	
		HIGH	QPSK	14.81	15.29	15.19	15.50	
	36	LOW	QPSK	15.19	15.25	15.38	15.50	
		MID	QPSK	14.96	15.40	15.19	15.50	
		HIGH	QPSK	15.06	15.32	15.21	15.50	
	75	LOW	QPSK	15.35	15.30	15.26	15.50	
	15	1	LOW	Q16	15.21	15.14	15.16	15.50
			MID	Q16	14.96	15.13	15.28	15.50
HIGH			Q16	15.16	14.89	15.24	15.50	
36		LOW	Q16	15.04	15.36	15.29	15.50	
		MID	Q16	15.08	15.17	15.32	15.50	
		HIGH	Q16	15.34	14.99	15.16	15.50	
75		LOW	Q16	14.99	15.19	15.10	15.50	
15		1	LOW	64QAM	15.34	15.29	15.30	15.50
			MID	64QAM	15.25	14.97	15.45	15.50
	HIGH		64QAM	15.25	14.81	15.13	15.50	
	36	LOW	64QAM	15.28	15.18	15.31	15.50	
		MID	64QAM	15.26	15.34	15.15	15.50	
		HIGH	64QAM	15.15	15.20	15.44	15.50	
	75	LOW	64QAM	14.73	15.28	14.88	15.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	15.28	15.25	15.42	15.50
MID			QPSK	15.23	15.20	15.20	15.50	
HIGH			QPSK	15.14	15.33	15.22	15.50	
50		LOW	QPSK	15.43	15.31	15.33	15.50	
		MID	QPSK	15.05	15.36	15.44	15.50	
		HIGH	QPSK	15.23	15.35	15.06	15.50	
100		LOW	QPSK	15.22	15.35	15.40	15.50	
20		1	LOW	Q16	15.29	15.31	15.29	15.50
			MID	Q16	15.08	15.17	15.46	15.50
	HIGH		Q16	15.34	15.08	15.21	15.50	
	50	LOW	Q16	15.15	15.27	15.23	15.50	
		MID	Q16	15.12	15.13	15.24	15.50	
		HIGH	Q16	15.40	15.17	15.27	15.50	
	100	LOW	Q16	15.11	15.36	15.03	15.50	
	20	1	LOW	64QAM	15.26	15.26	15.22	15.50
			MID	64QAM	15.21	15.14	15.34	15.50
HIGH			64QAM	15.09	14.97	15.11	15.50	
50		LOW	64QAM	15.17	15.22	15.42	15.50	
		MID	64QAM	15.31	15.36	15.42	15.50	
		HIGH	64QAM	15.28	15.25	15.47	15.50	
100		LOW	64QAM	14.92	15.25	15.13	15.50	

LTE B7-Level2&3-Ant.5 (DC_7A_n66A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	10.18	10.25	10.21	10.50	
		MID	QPSK	10.13	10.25	10.11	10.50	
		HIGH	QPSK	10.18	10.20	10.18	10.50	
	12	LOW	QPSK	10.10	10.18	10.09	10.50	
		MID	QPSK	10.21	10.21	10.18	10.50	
		HIGH	QPSK	10.16	10.19	10.10	10.50	
	25	LOW	QPSK	10.18	10.12	10.11	10.50	
	5	1	LOW	Q16	10.15	10.12	10.21	10.50
			MID	Q16	10.18	10.25	10.18	10.50
HIGH			Q16	10.18	10.15	10.10	10.50	
12		LOW	Q16	10.16	10.11	10.24	10.50	
		MID	Q16	10.16	10.23	10.24	10.50	
		HIGH	Q16	10.24	10.24	10.13	10.50	
25		LOW	Q16	10.17	10.09	10.21	10.50	
5		1	LOW	64QAM	10.24	10.22	10.22	10.50
			MID	64QAM	10.24	10.15	10.13	10.50
	HIGH		64QAM	10.23	10.24	10.22	10.50	
	12	LOW	64QAM	10.13	10.21	10.21	10.50	
		MID	64QAM	10.18	10.16	10.22	10.50	
		HIGH	64QAM	10.10	10.21	10.22	10.50	
	25	LOW	64QAM	10.25	10.25	10.16	10.50	
10	1	LOW	QPSK	10.12	10.15	10.13	10.50	
		MID	QPSK	10.25	10.13	10.25	10.50	
		HIGH	QPSK	10.21	10.25	10.17	10.50	
	25	LOW	QPSK	10.13	10.16	10.16	10.50	
		MID	QPSK	10.19	10.20	10.21	10.50	
		HIGH	QPSK	10.16	10.15	10.22	10.50	
	50	LOW	QPSK	10.24	10.16	10.20	10.50	
	10	1	LOW	Q16	10.14	10.10	10.20	10.50
			MID	Q16	10.11	10.15	10.22	10.50
HIGH			Q16	10.22	10.13	10.19	10.50	
25		LOW	Q16	10.18	10.16	10.16	10.50	
		MID	Q16	10.23	10.13	10.16	10.50	
		HIGH	Q16	10.15	10.13	10.25	10.50	
50	LOW	Q16	10.17	10.23	10.25	10.50		
10	1	LOW	64QAM	10.10	10.09	10.25	10.50	
		MID	64QAM	10.09	10.18	10.16	10.50	
		HIGH	64QAM	10.24	10.19	10.17	10.50	
	25	LOW	64QAM	10.25	10.16	10.16	10.50	
		MID	64QAM	10.09	10.16	10.18	10.50	
		HIGH	64QAM	10.15	10.12	10.19	10.50	
	50	LOW	64QAM	10.09	10.18	10.20	10.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	10.20	10.12	10.25	10.50	
		MID	QPSK	10.21	10.11	10.22	10.50	
		HIGH	QPSK	10.11	10.23	10.20	10.50	
	36	LOW	QPSK	10.09	10.19	10.25	10.50	
		MID	QPSK	10.13	10.25	10.18	10.50	
		HIGH	QPSK	10.09	10.15	10.12	10.50	
	75	LOW	QPSK	10.14	10.10	10.12	10.50	
	15	1	LOW	Q16	10.13	10.24	10.12	10.50
			MID	Q16	10.12	10.09	10.21	10.50
HIGH			Q16	10.23	10.13	10.17	10.50	
36		LOW	Q16	10.12	10.23	10.09	10.50	
		MID	Q16	10.12	10.14	10.17	10.50	
		HIGH	Q16	10.09	10.25	10.14	10.50	
75		LOW	Q16	10.10	10.16	10.23	10.50	
15		1	LOW	64QAM	10.15	10.23	10.21	10.50
			MID	64QAM	10.18	10.13	10.15	10.50
	HIGH		64QAM	10.17	10.09	10.20	10.50	
	36	LOW	64QAM	10.11	10.15	10.19	10.50	
		MID	64QAM	10.16	10.22	10.11	10.50	
		HIGH	64QAM	10.16	10.19	10.19	10.50	
	75	LOW	64QAM	10.15	10.15	10.23	10.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	10.19	10.17	10.11	10.50
MID			QPSK	10.21	10.22	10.23	10.50	
HIGH			QPSK	10.09	10.18	10.20	10.50	
50		LOW	QPSK	10.16	10.12	10.14	10.50	
		MID	QPSK	10.20	10.19	10.23	10.50	
		HIGH	QPSK	10.12	10.14	10.24	10.50	
100		LOW	QPSK	10.18	10.09	10.24	10.50	
20		1	LOW	Q16	10.21	10.15	10.24	10.50
			MID	Q16	10.22	10.13	10.11	10.50
	HIGH		Q16	10.17	10.19	10.11	10.50	
	50	LOW	Q16	10.21	10.22	10.09	10.50	
		MID	Q16	10.24	10.13	10.21	10.50	
		HIGH	Q16	10.20	10.10	10.24	10.50	
	100	LOW	Q16	10.16	10.22	10.17	10.50	
	20	1	LOW	64QAM	10.21	10.09	10.21	10.50
			MID	64QAM	10.14	10.12	10.09	10.50
HIGH			64QAM	10.22	10.14	10.14	10.50	
50		LOW	64QAM	10.09	10.11	10.19	10.50	
		MID	64QAM	10.22	10.25	10.12	10.50	
		HIGH	64QAM	10.09	10.14	10.14	10.50	
100		LOW	64QAM	10.10	10.22	10.25	10.50	

LTE B7-Level4-Ant.5 (DC_7A_n66A)								
Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	20.33	20.19	20.29	20.50	
		MID	QPSK	20.44	20.30	20.40	20.50	
		HIGH	QPSK	20.07	20.25	20.24	20.50	
	12	LOW	QPSK	20.24	20.35	20.33	20.50	
		MID	QPSK	20.12	20.15	20.20	20.50	
		HIGH	QPSK	20.21	20.41	20.41	20.50	
	25	LOW	QPSK	20.27	20.47	20.40	20.50	
	5	1	LOW	Q16	20.09	20.19	20.33	20.50
			MID	Q16	20.29	20.30	20.35	20.50
HIGH			Q16	20.17	20.40	20.46	20.50	
12		LOW	Q16	20.40	20.13	20.39	20.50	
		MID	Q16	20.45	20.46	20.36	20.50	
		HIGH	Q16	20.42	20.12	20.20	20.50	
25		LOW	Q16	20.10	20.38	20.37	20.50	
5		1	LOW	64QAM	20.33	20.35	20.43	20.50
			MID	64QAM	20.46	20.43	20.21	20.50
	HIGH		64QAM	20.37	20.20	20.46	20.50	
	12	LOW	64QAM	20.12	20.44	20.14	20.50	
		MID	64QAM	20.10	20.25	20.12	20.50	
		HIGH	64QAM	20.29	20.45	20.34	20.50	
	25	LOW	64QAM	20.44	20.33	20.17	20.50	
	10	1	LOW	QPSK	20.38	20.07	20.08	20.50
			MID	QPSK	20.11	20.26	20.27	20.50
HIGH			QPSK	20.44	20.09	20.41	20.50	
25		LOW	QPSK	20.43	20.27	20.30	20.50	
		MID	QPSK	20.18	20.20	20.40	20.50	
		HIGH	QPSK	20.14	20.30	20.22	20.50	
50		LOW	QPSK	20.21	20.31	20.11	20.50	
10		1	LOW	Q16	20.47	20.47	20.26	20.50
			MID	Q16	20.35	20.09	20.20	20.50
	HIGH		Q16	20.16	20.15	20.28	20.50	
	25	LOW	Q16	20.17	20.44	20.11	20.50	
		MID	Q16	20.09	20.36	20.27	20.50	
		HIGH	Q16	20.38	20.10	20.17	20.50	
	50	LOW	Q16	20.34	20.25	20.24	20.50	
	10	1	LOW	64QAM	20.36	20.43	20.38	20.50
			MID	64QAM	20.43	20.39	20.07	20.50
HIGH			64QAM	20.41	20.27	20.15	20.50	
25		LOW	64QAM	20.43	20.15	20.46	20.50	
		MID	64QAM	20.23	20.35	20.09	20.50	
		HIGH	64QAM	20.28	20.07	20.18	20.50	
50		LOW	64QAM	20.44	20.38	20.10	20.50	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	20.21	20.14	20.33	20.50	
		MID	QPSK	20.08	20.21	20.14	20.50	
		HIGH	QPSK	20.07	20.24	20.43	20.50	
	36	LOW	QPSK	20.22	20.28	20.31	20.50	
		MID	QPSK	20.45	20.47	20.26	20.50	
		HIGH	QPSK	20.08	20.20	20.11	20.50	
	75	LOW	QPSK	20.44	20.11	20.46	20.50	
	15	1	LOW	Q16	20.41	20.44	20.28	20.50
			MID	Q16	20.10	20.29	20.10	20.50
HIGH			Q16	20.25	20.47	20.35	20.50	
36		LOW	Q16	20.22	20.38	20.22	20.50	
		MID	Q16	20.29	20.43	20.28	20.50	
		HIGH	Q16	20.25	20.32	20.38	20.50	
75		LOW	Q16	20.26	20.27	20.45	20.50	
15		1	LOW	64QAM	20.17	20.36	20.19	20.50
			MID	64QAM	20.36	20.41	20.21	20.50
	HIGH		64QAM	20.10	20.37	20.21	20.50	
	36	LOW	64QAM	20.12	20.28	20.17	20.50	
		MID	64QAM	20.40	20.09	20.46	20.50	
		HIGH	64QAM	20.10	20.37	20.42	20.50	
	75	LOW	64QAM	20.10	20.21	20.10	20.50	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	20.37	20.21	20.10	20.50
MID			QPSK	20.41	20.21	20.45	20.50	
HIGH			QPSK	20.13	20.25	20.18	20.50	
50		LOW	QPSK	20.30	20.28	20.42	20.50	
		MID	QPSK	20.40	20.08	20.42	20.50	
		HIGH	QPSK	20.40	20.30	20.39	20.50	
100		LOW	QPSK	20.28	20.34	20.37	20.50	
20		1	LOW	Q16	20.09	20.33	20.37	20.50
			MID	Q16	20.45	20.18	20.11	20.50
	HIGH		Q16	20.11	20.39	20.08	20.50	
	50	LOW	Q16	20.13	20.34	20.36	20.50	
		MID	Q16	20.47	20.29	20.08	20.50	
		HIGH	Q16	20.33	20.14	20.21	20.50	
	100	LOW	Q16	20.47	20.43	20.21	20.50	
	20	1	LOW	64QAM	20.08	20.29	20.38	20.50
			MID	64QAM	20.21	20.18	20.20	20.50
HIGH			64QAM	20.43	20.38	20.13	20.50	
50		LOW	64QAM	19.42	20.00	19.56	20.50	
		MID	64QAM	19.30	19.23	19.34	20.50	
		HIGH	64QAM	19.66	19.58	19.42	20.50	
100		LOW	64QAM	19.86	19.84	19.80	20.50	

LTE B7-Level5&6-Ant.5 (DC_7A_n66A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	18.46	18.15	18.14	18.50	
		MID	QPSK	18.42	18.45	18.34	18.50	
		HIGH	QPSK	18.43	18.22	18.39	18.50	
	12	LOW	QPSK	18.38	18.31	18.14	18.50	
		MID	QPSK	18.26	18.20	18.20	18.50	
		HIGH	QPSK	18.40	18.34	18.36	18.50	
	25	LOW	QPSK	18.16	18.16	18.31	18.50	
	5	1	LOW	Q16	18.43	18.14	18.21	18.50
			MID	Q16	18.37	18.12	18.43	18.50
HIGH			Q16	18.46	18.32	18.13	18.50	
12		LOW	Q16	18.19	18.46	18.18	18.50	
		MID	Q16	18.39	18.34	18.24	18.50	
		HIGH	Q16	18.30	18.26	18.22	18.50	
25		LOW	Q16	18.37	18.23	18.09	18.50	
5		1	LOW	64QAM	18.46	18.46	18.19	18.50
			MID	64QAM	18.28	18.28	18.11	18.50
	HIGH		64QAM	18.33	18.16	18.40	18.50	
	12	LOW	64QAM	18.17	18.42	18.47	18.50	
		MID	64QAM	18.13	18.16	18.38	18.50	
		HIGH	64QAM	18.29	18.33	18.09	18.50	
	25	LOW	64QAM	18.29	18.19	18.42	18.50	
	10	1	LOW	QPSK	18.41	18.28	18.08	18.50
			MID	QPSK	18.10	18.42	18.25	18.50
HIGH			QPSK	18.35	18.22	18.34	18.50	
25		LOW	QPSK	18.32	18.25	18.41	18.50	
		MID	QPSK	18.39	18.39	18.13	18.50	
		HIGH	QPSK	18.36	18.33	18.22	18.50	
50		LOW	QPSK	18.14	18.26	18.18	18.50	
10		1	LOW	Q16	18.25	18.36	18.25	18.50
			MID	Q16	18.11	18.13	18.37	18.50
	HIGH		Q16	18.42	18.10	18.28	18.50	
	25	LOW	Q16	18.27	18.08	18.33	18.50	
		MID	Q16	18.27	18.41	18.46	18.50	
		HIGH	Q16	18.36	18.10	18.29	18.50	
	50	LOW	Q16	18.46	18.13	18.29	18.50	
	10	1	LOW	64QAM	18.45	18.37	18.09	18.50
			MID	64QAM	18.14	18.23	18.42	18.50
HIGH			64QAM	18.21	18.21	18.15	18.50	
25		LOW	64QAM	18.44	18.12	18.10	18.50	
		MID	64QAM	18.12	18.17	18.26	18.50	
		HIGH	64QAM	18.37	18.24	18.15	18.50	
50		LOW	64QAM	18.29	18.22	18.30	18.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	18.09	18.20	18.38	18.50	
		MID	QPSK	18.31	18.21	18.24	18.50	
		HIGH	QPSK	18.22	18.32	18.30	18.50	
	36	LOW	QPSK	18.35	18.43	18.22	18.50	
		MID	QPSK	18.28	18.38	18.33	18.50	
		HIGH	QPSK	18.16	18.43	18.23	18.50	
	75	LOW	QPSK	18.26	18.38	18.22	18.50	
	15	1	LOW	Q16	18.19	18.22	18.13	18.50
			MID	Q16	18.30	18.12	18.11	18.50
HIGH			Q16	18.42	18.11	18.20	18.50	
36		LOW	Q16	18.28	18.25	18.24	18.50	
		MID	Q16	18.24	18.19	18.36	18.50	
		HIGH	Q16	18.31	18.19	18.39	18.50	
75		LOW	Q16	18.47	18.43	18.16	18.50	
15		1	LOW	64QAM	18.20	18.27	18.28	18.50
			MID	64QAM	18.25	18.28	18.41	18.50
	HIGH		64QAM	18.15	18.30	18.39	18.50	
	36	LOW	64QAM	18.34	18.45	18.36	18.50	
		MID	64QAM	18.22	18.24	18.41	18.50	
		HIGH	64QAM	18.16	18.20	18.11	18.50	
	75	LOW	64QAM	18.09	18.41	18.15	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	18.17	18.22	18.15	18.50
MID			QPSK	18.13	18.27	18.27	18.50	
HIGH			QPSK	18.27	18.10	18.31	18.50	
50		LOW	QPSK	18.28	18.28	18.22	18.50	
		MID	QPSK	18.35	18.15	18.42	18.50	
		HIGH	QPSK	18.47	18.41	18.21	18.50	
100		LOW	QPSK	18.37	18.24	18.09	18.50	
20		1	LOW	Q16	18.33	18.28	18.28	18.50
			MID	Q16	18.28	18.32	18.19	18.50
	HIGH		Q16	18.29	18.15	18.28	18.50	
	50	LOW	Q16	18.16	18.22	18.23	18.50	
		MID	Q16	18.32	18.38	18.46	18.50	
		HIGH	Q16	18.14	18.44	18.24	18.50	
	100	LOW	Q16	18.18	18.17	18.23	18.50	
	20	1	LOW	64QAM	18.32	18.25	18.20	18.50
			MID	64QAM	18.43	18.12	18.47	18.50
HIGH			64QAM	18.18	18.39	18.18	18.50	
50		LOW	64QAM	18.26	18.29	18.14	18.50	
		MID	64QAM	18.30	18.26	18.23	18.50	
		HIGH	64QAM	18.45	18.31	18.25	18.50	
100		LOW	64QAM	18.26	18.30	18.31	18.50	

LTE B7-Level1-Ant.7 (DC_7A_n66A)								
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	15.29	15.41	15.51	16.00	
		MID	QPSK	15.45	15.54	15.50	16.00	
		HIGH	QPSK	15.42	15.57	15.53	16.00	
	12	LOW	QPSK	15.46	15.16	15.39	16.00	
		MID	QPSK	15.37	15.37	15.65	16.00	
		HIGH	QPSK	15.16	15.41	15.42	16.00	
	25	LOW	QPSK	15.18	15.56	15.42	16.00	
	5	1	LOW	Q16	15.59	15.21	15.44	16.00
			MID	Q16	15.47	15.22	15.27	16.00
HIGH			Q16	15.23	15.31	15.34	16.00	
12		LOW	Q16	15.19	15.19	15.18	16.00	
		MID	Q16	15.41	15.32	15.64	16.00	
		HIGH	Q16	15.21	15.40	15.60	16.00	
25		LOW	Q16	15.65	15.48	15.23	16.00	
5		1	LOW	64QAM	15.39	15.49	15.14	16.00
			MID	64QAM	15.28	15.28	15.62	16.00
	HIGH		64QAM	15.34	15.41	15.38	16.00	
	12	LOW	64QAM	15.14	15.52	15.13	16.00	
		MID	64QAM	15.62	15.24	15.24	16.00	
		HIGH	64QAM	15.36	15.25	15.29	16.00	
	25	LOW	64QAM	15.45	15.42	15.66	16.00	
	Bandwidth (RB Size	RB offset	Modulation	20800	21100	21400	Tune-up power(dBm)
	10	1	LOW	QPSK	15.34	15.31	15.35	16.00
MID			QPSK	15.60	15.44	15.43	16.00	
HIGH			QPSK	15.65	15.20	15.33	16.00	
25		LOW	QPSK	15.57	15.41	15.13	16.00	
		MID	QPSK	15.33	15.54	15.21	16.00	
		HIGH	QPSK	15.29	15.50	15.46	16.00	
50		LOW	QPSK	15.59	15.43	15.59	16.00	
10		1	LOW	Q16	15.57	15.14	15.61	16.00
			MID	Q16	15.56	15.22	15.38	16.00
	HIGH		Q16	15.58	15.27	15.15	16.00	
	25	LOW	Q16	15.19	15.37	15.26	16.00	
		MID	Q16	15.44	15.32	15.52	16.00	
		HIGH	Q16	15.32	15.25	15.44	16.00	
	50	LOW	Q16	15.27	15.35	15.35	16.00	
	10	1	LOW	64QAM	15.22	15.58	15.50	16.00
			MID	64QAM	15.15	15.43	15.22	16.00
HIGH			64QAM	15.15	15.18	15.26	16.00	
25		LOW	64QAM	15.40	15.16	15.61	16.00	
		MID	64QAM	15.27	15.35	15.13	16.00	
		HIGH	64QAM	15.37	15.32	15.45	16.00	
50		LOW	64QAM	15.43	15.40	15.51	16.00	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	15.51	15.33	15.29	16.00	
		MID	QPSK	15.23	15.19	15.32	16.00	
		HIGH	QPSK	15.61	15.43	15.39	16.00	
	36	LOW	QPSK	15.45	15.25	15.46	16.00	
		MID	QPSK	15.46	15.53	15.59	16.00	
		HIGH	QPSK	15.18	15.51	15.56	16.00	
	75	LOW	QPSK	15.49	15.36	15.19	16.00	
	15	1	LOW	Q16	15.53	15.18	15.45	16.00
			MID	Q16	15.44	15.38	15.40	16.00
HIGH			Q16	15.41	15.48	15.27	16.00	
36		LOW	Q16	15.51	15.30	15.16	16.00	
		MID	Q16	15.53	15.35	15.34	16.00	
		HIGH	Q16	15.63	15.30	15.54	16.00	
75		LOW	Q16	15.39	15.24	15.57	16.00	
15		1	LOW	64QAM	15.31	15.41	15.40	16.00
			MID	64QAM	15.26	15.29	15.23	16.00
	HIGH		64QAM	15.26	15.53	15.25	16.00	
	36	LOW	64QAM	15.38	15.21	15.48	16.00	
		MID	64QAM	15.25	15.44	15.16	16.00	
		HIGH	64QAM	15.41	15.66	15.52	16.00	
	75	LOW	64QAM	15.38	15.44	15.15	16.00	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	15.26	15.33	15.16	16.00
MID			QPSK	15.51	15.49	15.13	16.00	
HIGH			QPSK	15.30	15.13	15.43	16.00	
50		LOW	QPSK	15.54	15.40	15.50	16.00	
		MID	QPSK	15.63	15.42	15.55	16.00	
		HIGH	QPSK	15.21	15.65	15.31	16.00	
100		LOW	QPSK	15.32	15.31	15.16	16.00	
20		1	LOW	Q16	15.58	15.51	15.51	16.00
			MID	Q16	15.18	15.31	15.32	16.00
	HIGH		Q16	15.49	15.23	15.49	16.00	
	50	LOW	Q16	15.34	15.24	15.15	16.00	
		MID	Q16	15.65	15.19	15.35	16.00	
		HIGH	Q16	15.38	15.52	15.64	16.00	
	100	LOW	Q16	15.40	15.19	15.14	16.00	
	20	1	LOW	64QAM	15.24	15.21	15.25	16.00
			MID	64QAM	15.60	15.53	15.55	16.00
HIGH			64QAM	15.26	15.47	15.28	16.00	
50		LOW	64QAM	15.64	15.61	15.45	16.00	
		MID	64QAM	15.47	15.39	15.50	16.00	
		HIGH	64QAM	15.18	15.49	15.64	16.00	
100		LOW	64QAM	15.38	15.52	15.58	16.00	

LTE B7-Level2&3-Ant.7 (DC_7A_n66A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	13.67	13.75	13.58	14.00	
		MID	QPSK	13.58	13.82	13.80	14.00	
		HIGH	QPSK	13.84	13.78	13.65	14.00	
	12	LOW	QPSK	13.64	13.62	13.79	14.00	
		MID	QPSK	13.74	13.67	13.59	14.00	
		HIGH	QPSK	13.85	13.78	13.82	14.00	
	25	LOW	QPSK	13.83	13.84	13.56	14.00	
	5	1	LOW	Q16	13.59	13.65	13.70	14.00
			MID	Q16	13.83	13.59	13.69	14.00
HIGH			Q16	13.85	13.59	13.58	14.00	
12		LOW	Q16	13.80	13.67	13.77	14.00	
		MID	Q16	13.73	13.58	13.69	14.00	
		HIGH	Q16	13.81	13.75	13.58	14.00	
25		LOW	Q16	13.69	13.57	13.77	14.00	
5		1	LOW	64QAM	13.58	13.62	13.61	14.00
			MID	64QAM	13.69	13.58	13.80	14.00
	HIGH		64QAM	13.81	13.80	13.83	14.00	
	12	LOW	64QAM	13.81	13.58	13.77	14.00	
		MID	64QAM	13.60	13.63	13.72	14.00	
		HIGH	64QAM	13.73	13.76	13.65	14.00	
	25	LOW	64QAM	13.84	13.60	13.76	14.00	
	10	1	LOW	QPSK	13.75	13.61	13.82	14.00
			MID	QPSK	13.70	13.82	13.60	14.00
HIGH			QPSK	13.55	13.80	13.57	14.00	
25		LOW	QPSK	13.78	13.79	13.83	14.00	
		MID	QPSK	13.66	13.66	13.74	14.00	
		HIGH	QPSK	13.64	13.62	13.66	14.00	
50		LOW	QPSK	13.85	13.63	13.74	14.00	
10		1	LOW	Q16	13.68	13.84	13.80	14.00
			MID	Q16	13.79	13.83	13.84	14.00
	HIGH		Q16	13.62	13.56	13.61	14.00	
	25	LOW	Q16	13.55	13.62	13.61	14.00	
		MID	Q16	13.85	13.65	13.56	14.00	
		HIGH	Q16	13.66	13.78	13.79	14.00	
	50	LOW	Q16	13.73	13.77	13.65	14.00	
	10	1	LOW	64QAM	13.56	13.59	13.83	14.00
			MID	64QAM	13.83	13.60	13.80	14.00
HIGH			64QAM	13.79	13.79	13.74	14.00	
25		LOW	64QAM	13.68	13.77	13.85	14.00	
		MID	64QAM	13.55	13.82	13.72	14.00	
		HIGH	64QAM	13.76	13.62	13.79	14.00	
50		LOW	64QAM	13.64	13.65	13.66	14.00	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	13.65	13.66	13.85	14.00	
		MID	QPSK	13.61	13.70	13.63	14.00	
		HIGH	QPSK	13.70	13.82	13.79	14.00	
	36	LOW	QPSK	13.82	13.63	13.69	14.00	
		MID	QPSK	13.79	13.79	13.71	14.00	
		HIGH	QPSK	13.55	13.82	13.84	14.00	
	75	LOW	QPSK	13.81	13.64	13.79	14.00	
	15	1	LOW	Q16	13.71	13.84	13.65	14.00
			MID	Q16	13.79	13.67	13.63	14.00
HIGH			Q16	13.77	13.61	13.81	14.00	
36		LOW	Q16	13.61	13.79	13.56	14.00	
		MID	Q16	13.68	13.58	13.69	14.00	
		HIGH	Q16	13.57	13.56	13.78	14.00	
75		LOW	Q16	13.70	13.84	13.72	14.00	
15		1	LOW	64QAM	13.59	13.57	13.75	14.00
			MID	64QAM	13.62	13.73	13.68	14.00
	HIGH		64QAM	13.80	13.69	13.69	14.00	
	36	LOW	64QAM	13.62	13.70	13.67	14.00	
		MID	64QAM	13.83	13.76	13.80	14.00	
		HIGH	64QAM	13.59	13.62	13.77	14.00	
	75	LOW	64QAM	13.56	13.84	13.67	14.00	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	13.83	13.82	13.56	14.00
MID			QPSK	13.62	13.66	13.82	14.00	
HIGH			QPSK	13.73	13.69	13.69	14.00	
50		LOW	QPSK	13.77	13.90	13.85	14.00	
		MID	QPSK	13.58	13.66	13.70	14.00	
		HIGH	QPSK	13.85	13.63	13.70	14.00	
100		LOW	QPSK	13.71	13.96	13.57	14.00	
20		1	LOW	Q16	13.81	13.88	13.73	14.00
			MID	Q16	13.67	13.75	13.66	14.00
	HIGH		Q16	13.74	13.67	13.75	14.00	
	50	LOW	Q16	13.80	13.74	13.71	14.00	
		MID	Q16	13.57	13.70	13.75	14.00	
		HIGH	Q16	13.83	13.61	13.65	14.00	
	100	LOW	Q16	13.59	13.56	13.62	14.00	
	20	1	LOW	64QAM	13.70	13.82	13.83	14.00
			MID	64QAM	13.70	13.60	13.73	14.00
HIGH			64QAM	13.77	13.85	13.63	14.00	
50		LOW	64QAM	13.75	13.57	13.78	14.00	
		MID	64QAM	13.67	13.65	13.70	14.00	
		HIGH	64QAM	13.85	13.63	13.61	14.00	
100		LOW	64QAM	13.69	13.82	13.74	14.00	

LTE B7-Level4-Ant.7 (DC_7A_n66A)								
Bandwidth (	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)
5	1	LOW	QPSK	16.66	16.51	16.50	17.00	
		MID	QPSK	16.66	16.73	16.77	17.00	
		HIGH	QPSK	16.83	16.67	16.74	17.00	
	12	LOW	QPSK	16.67	16.78	16.67	17.00	
		MID	QPSK	16.57	16.49	16.57	17.00	
		HIGH	QPSK	16.82	16.50	16.71	17.00	
	25	LOW	QPSK	16.76	16.68	16.50	17.00	
	5	1	LOW	Q16	16.53	16.67	16.73	17.00
			MID	Q16	16.76	16.64	16.77	17.00
HIGH			Q16	16.75	16.74	16.61	17.00	
12		LOW	Q16	16.56	16.58	16.80	17.00	
		MID	Q16	16.66	16.58	16.78	17.00	
		HIGH	Q16	16.76	16.62	16.79	17.00	
25		LOW	Q16	16.64	16.53	16.54	17.00	
5		1	LOW	64QAM	16.67	16.66	16.52	17.00
			MID	64QAM	16.58	16.66	16.81	17.00
	HIGH		64QAM	16.72	16.73	16.50	17.00	
	12	LOW	64QAM	16.67	16.57	16.60	17.00	
		MID	64QAM	16.57	16.78	16.79	17.00	
		HIGH	64QAM	16.65	16.72	16.60	17.00	
	25	LOW	64QAM	16.81	16.70	16.76	17.00	
	10	1	LOW	QPSK	16.72	16.61	16.71	17.00
			MID	QPSK	16.81	16.70	16.71	17.00
HIGH			QPSK	16.68	16.76	16.75	17.00	
25		LOW	QPSK	16.53	16.62	16.74	17.00	
		MID	QPSK	16.59	16.62	16.52	17.00	
		HIGH	QPSK	16.71	16.70	16.58	17.00	
50		LOW	QPSK	16.66	16.64	16.81	17.00	
10		1	LOW	Q16	16.57	16.73	16.61	17.00
			MID	Q16	16.59	16.81	16.76	17.00
	HIGH		Q16	16.79	16.78	16.66	17.00	
	25	LOW	Q16	16.63	16.78	16.50	17.00	
		MID	Q16	16.64	16.71	16.83	17.00	
		HIGH	Q16	16.73	16.49	16.54	17.00	
	50	LOW	Q16	16.56	16.77	16.71	17.00	
	10	1	LOW	64QAM	16.74	16.67	16.76	17.00
			MID	64QAM	16.53	16.58	16.82	17.00
HIGH			64QAM	16.78	16.51	16.77	17.00	
25		LOW	64QAM	16.73	16.67	16.75	17.00	
		MID	64QAM	16.78	16.66	16.50	17.00	
		HIGH	64QAM	16.82	16.63	16.81	17.00	
50		LOW	64QAM	16.52	16.82	16.51	17.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)	
15	1	LOW	QPSK	16.82	16.75	16.51	17.00	
		MID	QPSK	16.79	16.76	16.78	17.00	
		HIGH	QPSK	16.80	16.71	16.80	17.00	
	36	LOW	QPSK	16.65	16.51	16.53	17.00	
		MID	QPSK	16.75	16.57	16.77	17.00	
		HIGH	QPSK	16.59	16.65	16.62	17.00	
	75	LOW	QPSK	16.51	16.62	16.62	17.00	
	15	1	LOW	Q16	16.55	16.62	16.57	17.00
			MID	Q16	16.51	16.53	16.74	17.00
HIGH			Q16	16.74	16.80	16.74	17.00	
36		LOW	Q16	16.74	16.78	16.55	17.00	
		MID	Q16	16.62	16.78	16.53	17.00	
		HIGH	Q16	16.52	16.63	16.53	17.00	
75		LOW	Q16	16.67	16.69	16.82	17.00	
15		1	LOW	64QAM	16.62	16.50	16.63	17.00
			MID	64QAM	16.76	16.63	16.52	17.00
	HIGH		64QAM	16.79	16.66	16.53	17.00	
	36	LOW	64QAM	16.67	16.56	16.69	17.00	
		MID	64QAM	16.72	16.49	16.72	17.00	
		HIGH	64QAM	16.58	16.74	16.82	17.00	
	75	LOW	64QAM	16.59	16.50	16.63	17.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	16.71	16.83	16.60	17.00
MID			QPSK	16.78	16.73	16.58	17.00	
HIGH			QPSK	16.83	16.82	16.50	17.00	
50		LOW	QPSK	16.81	16.88	16.76	17.00	
		MID	QPSK	16.76	16.59	16.62	17.00	
		HIGH	QPSK	16.57	16.69	16.50	17.00	
100		LOW	QPSK	16.80	16.89	16.58	17.00	
20		1	LOW	Q16	16.76	16.92	16.50	17.00
			MID	Q16	16.72	16.73	16.80	17.00
	HIGH		Q16	16.64	16.69	16.73	17.00	
	50	LOW	Q16	16.62	16.62	16.50	17.00	
		MID	Q16	16.65	16.62	16.69	17.00	
		HIGH	Q16	16.49	16.63	16.66	17.00	
	100	LOW	Q16	16.70	16.77	16.82	17.00	
	20	1	LOW	64QAM	16.82	16.85	16.82	17.00
			MID	64QAM	16.55	16.61	16.64	17.00
HIGH			64QAM	16.72	16.65	16.67	17.00	
50		LOW	64QAM	16.80	16.58	16.70	17.00	
		MID	64QAM	16.51	16.74	16.59	17.00	
		HIGH	64QAM	16.60	16.59	16.77	17.00	
100		LOW	64QAM	16.51	16.57	16.52	17.00	

LTE B7-Level5&6-Ant.7 (DC_7A_n66A)

Bandwidth (MHz)	RB Size	RB offset	Modulation	20775	21100	21425	Tune-up power(dBm)	
5	1	LOW	QPSK	14.78	14.57	14.55	15.00	
		MID	QPSK	14.48	14.66	14.51	15.00	
		HIGH	QPSK	14.50	14.54	14.64	15.00	
	12	LOW	QPSK	14.50	14.59	14.78	15.00	
		MID	QPSK	14.66	14.49	14.65	15.00	
		HIGH	QPSK	14.64	14.81	14.56	15.00	
	25	LOW	QPSK	14.81	14.79	14.71	15.00	
	5	1	LOW	Q16	14.79	14.58	14.62	15.00
			MID	Q16	14.52	14.47	14.59	15.00
HIGH			Q16	14.77	14.71	14.67	15.00	
12		LOW	Q16	14.47	14.54	14.72	15.00	
		MID	Q16	14.67	14.52	14.73	15.00	
		HIGH	Q16	14.78	14.70	14.52	15.00	
25		LOW	Q16	14.51	14.69	14.52	15.00	
5		1	LOW	64QAM	14.76	14.53	14.63	15.00
			MID	64QAM	14.63	14.75	14.57	15.00
	HIGH		64QAM	14.74	14.78	14.66	15.00	
	12	LOW	64QAM	14.50	14.76	14.73	15.00	
		MID	64QAM	14.62	14.77	14.55	15.00	
		HIGH	64QAM	14.73	14.56	14.52	15.00	
	25	LOW	64QAM	14.70	14.68	14.77	15.00	
10	1	LOW	QPSK	14.60	14.56	14.55	15.00	
		MID	QPSK	14.63	14.55	14.72	15.00	
		HIGH	QPSK	14.49	14.69	14.52	15.00	
	25	LOW	QPSK	14.81	14.82	14.57	15.00	
		MID	QPSK	14.62	14.53	14.54	15.00	
		HIGH	QPSK	14.57	14.64	14.54	15.00	
	50	LOW	QPSK	14.56	14.52	14.78	15.00	
	10	1	LOW	Q16	14.60	14.58	14.65	15.00
			MID	Q16	14.82	14.69	14.53	15.00
			HIGH	Q16	14.69	14.64	14.75	15.00
		25	LOW	Q16	14.70	14.63	14.48	15.00
			MID	Q16	14.59	14.78	14.47	15.00
HIGH			Q16	14.47	14.67	14.70	15.00	
50	LOW	Q16	14.78	14.68	14.47	15.00		
10	1	LOW	64QAM	14.59	14.81	14.68	15.00	
		MID	64QAM	14.73	14.54	14.66	15.00	
		HIGH	64QAM	14.61	14.71	14.81	15.00	
	25	LOW	64QAM	14.60	14.79	14.58	15.00	
		MID	64QAM	14.55	14.68	14.79	15.00	
		HIGH	64QAM	14.68	14.55	14.62	15.00	
	50	LOW	64QAM	14.60	14.57	14.78	15.00	

Bandwidth (	RB Size	RB offset	Modulation	20825	21100	21375	Tune-up power(dBm)
15	1	LOW	QPSK	14.53	14.68	14.75	15.00	
		MID	QPSK	14.59	14.63	14.71	15.00	
		HIGH	QPSK	14.75	14.59	14.76	15.00	
	36	LOW	QPSK	14.73	14.57	14.62	15.00	
		MID	QPSK	14.77	14.73	14.69	15.00	
		HIGH	QPSK	14.75	14.51	14.81	15.00	
	75	LOW	QPSK	14.66	14.75	14.79	15.00	
	15	1	LOW	Q16	14.72	14.78	14.80	15.00
			MID	Q16	14.60	14.49	14.68	15.00
HIGH			Q16	14.61	14.68	14.81	15.00	
36		LOW	Q16	14.79	14.58	14.78	15.00	
		MID	Q16	14.73	14.55	14.66	15.00	
		HIGH	Q16	14.56	14.50	14.82	15.00	
75		LOW	Q16	14.57	14.68	14.63	15.00	
15		1	LOW	64QAM	14.76	14.78	14.69	15.00
			MID	64QAM	14.65	14.66	14.80	15.00
	HIGH		64QAM	14.71	14.81	14.56	15.00	
	36	LOW	64QAM	14.52	14.54	14.65	15.00	
		MID	64QAM	14.57	14.56	14.70	15.00	
		HIGH	64QAM	14.72	14.71	14.56	15.00	
	75	LOW	64QAM	14.76	14.62	14.74	15.00	
	Bandwidth (RB Size	RB offset	Modulation	20850	21100	21350	Tune-up power(dBm)
	20	1	LOW	QPSK	14.74	14.82	14.63	15.00
MID			QPSK	14.67	14.74	14.64	15.00	
HIGH			QPSK	14.54	14.81	14.68	15.00	
50		LOW	QPSK	14.74	14.89	14.64	15.00	
		MID	QPSK	14.61	14.60	14.71	15.00	
		HIGH	QPSK	14.68	14.60	14.75	15.00	
100		LOW	QPSK	14.62	14.88	14.59	15.00	
20		1	LOW	Q16	14.54	14.88	14.63	15.00
			MID	Q16	14.72	14.64	14.75	15.00
	HIGH		Q16	14.50	14.48	14.77	15.00	
	50	LOW	Q16	14.60	14.80	14.77	15.00	
		MID	Q16	14.68	14.59	14.53	15.00	
		HIGH	Q16	14.47	14.50	14.57	15.00	
	100	LOW	Q16	14.76	14.78	14.80	15.00	
	20	1	LOW	64QAM	14.64	14.81	14.69	15.00
			MID	64QAM	14.78	14.75	14.72	15.00
HIGH			64QAM	14.60	14.77	14.55	15.00	
50		LOW	64QAM	14.51	14.76	14.52	15.00	
		MID	64QAM	14.49	14.54	14.67	15.00	
		HIGH	64QAM	14.54	14.82	14.54	15.00	
100		LOW	64QAM	14.80	14.56	14.61	15.00	

8.3.5 LTE Band12 Output Power

LTE B12-Level1-Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.25	21.73	22.08	23.00	
		MID	QPSK	21.95	21.94	22.07	23.00	
		HIGH	QPSK	22.07	22.25	21.92	23.00	
	3	LOW	QPSK	22.17	22.03	22.20	23.00	
		MID	QPSK	21.99	22.31	22.07	23.00	
		HIGH	QPSK	21.97	21.96	21.75	23.00	
	6	LOW	QPSK	22.44	21.95	21.99	23.00	
	1.4	1	LOW	Q16	22.32	21.53	22.10	23.00
			MID	Q16	21.75	21.85	22.11	23.00
HIGH			Q16	21.98	21.98	21.90	23.00	
3		LOW	Q16	22.06	21.82	22.04	23.00	
		MID	Q16	21.90	22.05	22.05	23.00	
		HIGH	Q16	21.96	22.05	22.19	23.00	
6		LOW	Q16	21.05	21.17	20.90	22.00	
1.4		1	LOW	64QAM	20.99	20.83	21.60	22.00
			MID	64QAM	20.85	20.85	21.35	22.00
	HIGH		64QAM	21.12	20.91	21.19	22.00	
	3	LOW	64QAM	20.82	20.99	21.43	22.00	
		MID	64QAM	21.21	21.01	21.51	22.00	
		HIGH	64QAM	21.23	20.97	21.50	22.00	
	6	LOW	64QAM	20.27	20.15	20.22	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	22.02	22.22	21.93	23.00
MID			QPSK	22.26	21.98	21.94	23.00	
HIGH			QPSK	21.96	21.98	21.88	23.00	
8		LOW	QPSK	22.19	22.05	21.89	23.00	
		MID	QPSK	22.14	22.19	22.02	23.00	
		HIGH	QPSK	22.30	22.19	22.25	23.00	
15		LOW	QPSK	22.04	22.10	22.05	23.00	
3		1	LOW	Q16	21.82	22.02	21.73	23.00
			MID	Q16	22.15	22.05	21.85	23.00
	HIGH		Q16	21.96	21.89	21.86	23.00	
	8	LOW	Q16	21.32	21.22	21.25	22.00	
		MID	Q16	21.34	21.32	21.21	22.00	
		HIGH	Q16	21.55	21.20	21.41	22.00	
	15	LOW	Q16	21.09	21.15	21.11	22.00	
	3	1	LOW	64QAM	20.99	21.08	21.28	22.00
			MID	64QAM	21.40	21.12	21.44	22.00
HIGH			64QAM	21.04	20.95	21.57	22.00	
8		LOW	64QAM	20.29	20.26	20.28	21.00	
		MID	64QAM	20.56	20.06	20.15	21.00	
		HIGH	64QAM	20.26	20.17	20.10	21.00	
15		LOW	64QAM	20.17	20.23	20.10	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)	
5	1	LOW	QPSK	22.03	21.91	22.02	23.00	
		MID	QPSK	22.21	22.30	22.19	23.00	
		HIGH	QPSK	22.11	21.98	22.16	23.00	
	12	LOW	QPSK	22.19	21.99	22.16	23.00	
		MID	QPSK	22.32	22.19	21.98	23.00	
		HIGH	QPSK	22.19	21.98	22.20	23.00	
	25	LOW	QPSK	22.43	22.08	22.01	23.00	
	5	1	LOW	Q16	22.10	21.71	21.89	23.00
			MID	Q16	22.28	22.28	21.95	23.00
HIGH			Q16	21.91	22.07	22.03	23.00	
12		LOW	Q16	21.28	21.15	21.15	22.00	
		MID	Q16	21.46	21.15	21.38	22.00	
		HIGH	Q16	21.46	21.38	21.34	22.00	
25		LOW	Q16	21.18	20.98	21.11	22.00	
5		1	LOW	64QAM	21.22	21.14	21.26	22.00
			MID	64QAM	21.13	21.21	21.53	22.00
	HIGH		64QAM	21.42	21.10	21.38	22.00	
	12	LOW	64QAM	20.35	20.26	20.30	21.00	
		MID	64QAM	20.36	20.28	20.37	21.00	
		HIGH	64QAM	20.38	20.27	20.28	21.00	
	25	LOW	64QAM	20.33	20.25	20.24	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	22.25	22.15	22.15	23.00
MID			QPSK	22.30	22.23	22.23	23.00	
HIGH			QPSK	22.36	22.25	22.25	23.00	
25		LOW	QPSK	22.28	22.23	22.23	23.00	
		MID	QPSK	22.32	22.26	22.20	23.00	
		HIGH	QPSK	22.30	22.25	22.20	23.00	
50		LOW	QPSK	22.39	22.26	22.28	23.00	
10		1	LOW	Q16	22.27	22.11	22.52	23.00
			MID	Q16	22.30	22.25	22.61	23.00
	HIGH		Q16	22.36	22.20	22.62	23.00	
	25	LOW	Q16	21.39	21.28	21.28	22.00	
		MID	Q16	21.42	21.26	21.29	22.00	
		HIGH	Q16	21.40	21.29	21.28	22.00	
	50	LOW	Q16	21.39	21.23	21.28	22.00	
	10	1	LOW	64QAM	21.20	21.18	21.52	22.00
			MID	64QAM	21.32	21.25	21.59	22.00
HIGH			64QAM	21.36	21.16	21.57	22.00	
25		LOW	64QAM	20.35	20.32	20.34	21.00	
		MID	64QAM	20.44	20.22	20.33	21.00	
		HIGH	64QAM	20.38	20.35	20.24	21.00	
50		LOW	64QAM	20.37	20.29	20.24	21.00	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	17.77	17.77	17.71	18.50	
		MID	QPSK	17.79	17.76	17.74	18.50	
		HIGH	QPSK	17.78	17.78	17.73	18.50	
	3	LOW	QPSK	17.88	17.89	17.80	18.50	
		MID	QPSK	17.93	17.86	17.85	18.50	
		HIGH	QPSK	17.87	17.83	17.82	18.50	
	6	LOW	QPSK	17.89	17.88	17.84	18.50	
	1.4	1	LOW	Q16	17.99	17.97	17.79	18.50
			MID	Q16	18.02	17.93	17.81	18.50
HIGH			Q16	17.99	17.95	17.76	18.50	
3		LOW	Q16	17.91	18.10	17.92	18.50	
		MID	Q16	17.96	18.05	17.99	18.50	
		HIGH	Q16	17.94	18.07	17.97	18.50	
6		LOW	Q16	18.02	17.79	18.02	18.50	
1.4		1	LOW	64QAM	18.04	17.86	17.79	18.50
			MID	64QAM	17.91	18.02	17.86	18.50
	HIGH		64QAM	18.06	18.02	17.76	18.50	
	3	LOW	64QAM	17.84	18.01	17.99	18.50	
		MID	64QAM	17.96	17.96	18.04	18.50	
		HIGH	64QAM	18.03	18.05	17.88	18.50	
	6	LOW	64QAM	18.07	17.77	17.98	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	17.90	17.78	17.74	18.50
MID			QPSK	17.84	17.80	17.75	18.50	
HIGH			QPSK	17.88	17.79	17.78	18.50	
8		LOW	QPSK	17.84	17.84	17.83	18.50	
		MID	QPSK	17.89	17.89	17.82	18.50	
		HIGH	QPSK	17.86	17.82	17.82	18.50	
15		LOW	QPSK	17.87	17.85	17.79	18.50	
3		1	LOW	Q16	17.87	18.24	17.85	18.50
			MID	Q16	17.82	18.27	17.81	18.50
	HIGH		Q16	17.85	18.27	17.76	18.50	
	8	LOW	Q16	18.01	17.97	17.90	18.50	
		MID	Q16	18.02	17.99	17.88	18.50	
		HIGH	Q16	18.01	17.95	17.87	18.50	
	15	LOW	Q16	17.94	17.91	17.76	18.50	
	3	1	LOW	64QAM	17.92	18.15	17.87	18.50
			MID	64QAM	17.77	18.22	17.88	18.50
HIGH			64QAM	17.87	18.27	17.65	18.50	
8		LOW	64QAM	17.96	18.04	17.88	18.50	
		MID	64QAM	17.95	18.01	17.90	18.50	
		HIGH	64QAM	18.01	17.91	17.96	18.50	
15		LOW	64QAM	17.89	17.91	17.72	18.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	18.01	17.84	17.83	18.50	
		MID	QPSK	18.07	17.85	17.82	18.50	
		HIGH	QPSK	18.09	17.85	17.96	18.50	
	12	LOW	QPSK	17.90	17.93	17.85	18.50	
		MID	QPSK	17.92	17.90	17.86	18.50	
		HIGH	QPSK	17.93	17.88	17.73	18.50	
	25	LOW	QPSK	17.90	17.86	17.85	18.50	
	5	1	LOW	Q16	18.14	18.18	17.92	18.50
			MID	Q16	18.15	18.16	17.88	18.50
HIGH			Q16	18.25	18.16	17.91	18.50	
12		LOW	Q16	17.96	18.09	17.92	18.50	
		MID	Q16	17.97	18.05	17.93	18.50	
		HIGH	Q16	17.99	18.00	17.80	18.50	
25		LOW	Q16	17.97	17.97	17.84	18.50	
5		1	LOW	64QAM	18.21	18.11	17.87	18.50
			MID	64QAM	18.20	18.20	17.93	18.50
	HIGH		64QAM	18.16	18.14	17.93	18.50	
	12	LOW	64QAM	17.94	18.16	17.81	18.50	
		MID	64QAM	18.06	18.00	17.84	18.50	
		HIGH	64QAM	17.90	18.09	17.89	18.50	
	25	LOW	64QAM	17.88	17.97	17.93	18.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	17.94	17.85	17.75	18.50
MID			QPSK	17.98	17.79	17.77	18.50	
HIGH			QPSK	17.94	17.84	17.81	18.50	
25		LOW	QPSK	17.86	17.86	17.81	18.50	
		MID	QPSK	17.91	17.79	17.81	18.50	
		HIGH	QPSK	17.87	17.79	17.82	18.50	
50		LOW	QPSK	17.93	17.81	17.83	18.50	
10		1	LOW	Q16	17.83	18.23	17.82	18.50
			MID	Q16	17.88	18.23	17.83	18.50
	HIGH		Q16	17.84	18.24	17.81	18.50	
	25	LOW	Q16	17.90	17.90	17.93	18.50	
		MID	Q16	17.96	17.88	17.93	18.50	
		HIGH	Q16	17.91	17.87	17.95	18.50	
	50	LOW	Q16	17.91	17.85	17.87	18.50	
	10	1	LOW	64QAM	17.72	18.14	17.87	18.50
			MID	64QAM	17.90	18.23	17.83	18.50
HIGH			64QAM	17.84	18.22	17.76	18.50	
25		LOW	64QAM	17.97	17.79	17.88	18.50	
		MID	64QAM	17.94	17.83	18.02	18.50	
		HIGH	64QAM	17.96	17.83	17.97	18.50	
50		LOW	64QAM	17.95	17.83	17.92	18.50	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.18	22.89	22.79	24.00	
		MID	QPSK	23.02	23.28	22.97	24.00	
		HIGH	QPSK	23.06	23.01	22.98	24.00	
	3	LOW	QPSK	23.23	22.87	22.83	24.00	
		MID	QPSK	23.30	23.17	23.04	24.00	
		HIGH	QPSK	23.27	23.12	22.91	24.00	
	6	LOW	QPSK	22.30	22.13	22.03	23.00	
	1.4	1	LOW	Q16	22.24	21.68	22.46	23.00
			MID	Q16	22.23	22.36	22.35	23.00
HIGH			Q16	22.32	22.00	22.31	23.00	
3		LOW	Q16	21.91	21.78	22.23	23.00	
		MID	Q16	22.05	22.29	22.43	23.00	
		HIGH	Q16	21.97	21.80	22.42	23.00	
6		LOW	Q16	21.46	21.00	21.14	22.00	
1.4		1	LOW	64QAM	21.02	20.73	21.38	22.00
			MID	64QAM	21.02	21.05	21.23	22.00
	HIGH		64QAM	21.32	21.35	21.49	22.00	
	3	LOW	64QAM	20.93	20.75	21.42	22.00	
		MID	64QAM	21.19	20.95	21.30	22.00	
		HIGH	64QAM	21.34	21.00	21.43	22.00	
	6	LOW	64QAM	19.90	19.91	20.27	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.12	23.13	22.87	24.00
MID			QPSK	23.07	23.14	23.09	24.00	
HIGH			QPSK	23.06	23.19	23.29	24.00	
8		LOW	QPSK	21.69	22.15	21.77	23.00	
		MID	QPSK	21.87	21.78	21.88	23.00	
		HIGH	QPSK	22.16	22.10	22.30	23.00	
15		LOW	QPSK	22.16	22.02	22.20	23.00	
3		1	LOW	Q16	22.15	22.12	22.21	23.00
			MID	Q16	22.13	21.78	22.54	23.00
	HIGH		Q16	21.98	22.00	22.61	23.00	
	8	LOW	Q16	21.07	20.98	21.18	22.00	
		MID	Q16	21.03	21.16	21.09	22.00	
		HIGH	Q16	21.19	21.10	21.05	22.00	
	15	LOW	Q16	21.10	20.75	21.12	22.00	
	3	1	LOW	64QAM	21.25	21.10	21.48	22.00
			MID	64QAM	21.02	20.84	21.54	22.00
HIGH			64QAM	21.13	21.29	21.32	22.00	
8		LOW	64QAM	20.09	19.97	19.73	21.00	
		MID	64QAM	20.33	20.07	19.90	21.00	
		HIGH	64QAM	19.94	20.28	20.18	21.00	
15		LOW	64QAM	20.08	19.81	20.15	21.00	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.35	22.88	23.26	24.00	
		MID	QPSK	23.00	23.05	22.92	24.00	
		HIGH	QPSK	23.31	22.92	23.14	24.00	
	12	LOW	QPSK	22.07	22.08	22.12	23.00	
		MID	QPSK	21.89	21.72	22.04	23.00	
		HIGH	QPSK	22.15	21.88	21.90	23.00	
	25	LOW	QPSK	22.23	22.27	22.07	23.00	
	5	1	LOW	Q16	22.04	21.66	22.25	23.00
			MID	Q16	21.74	22.02	22.30	23.00
HIGH			Q16	22.32	22.29	22.33	23.00	
12		LOW	Q16	20.97	21.06	21.18	22.00	
		MID	Q16	21.10	20.85	21.30	22.00	
		HIGH	Q16	21.40	20.96	20.98	22.00	
25		LOW	Q16	20.99	20.85	20.95	22.00	
5		1	LOW	64QAM	20.82	20.89	21.45	22.00
			MID	64QAM	21.04	20.74	21.21	22.00
	HIGH		64QAM	21.08	21.16	21.45	22.00	
	12	LOW	64QAM	20.05	19.99	20.03	21.00	
		MID	64QAM	20.37	20.01	20.16	21.00	
		HIGH	64QAM	20.18	20.12	20.16	21.00	
	25	LOW	64QAM	19.98	20.07	20.01	21.00	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.23	23.15	23.12	24.00
MID			QPSK	23.30	23.28	23.20	24.00	
HIGH			QPSK	23.34	23.24	23.24	24.00	
25		LOW	QPSK	22.22	22.24	22.21	23.00	
		MID	QPSK	22.29	22.20	22.19	23.00	
		HIGH	QPSK	22.31	22.21	22.19	23.00	
50		LOW	QPSK	22.37	22.24	22.25	23.00	
10		1	LOW	Q16	22.24	22.07	22.50	23.00
			MID	Q16	22.25	22.22	22.59	23.00
	HIGH		Q16	22.32	22.22	22.58	23.00	
	25	LOW	Q16	21.35	21.25	21.25	22.00	
		MID	Q16	21.39	21.23	21.24	22.00	
		HIGH	Q16	21.36	21.24	21.26	22.00	
	50	LOW	Q16	21.36	21.19	21.25	22.00	
	10	1	LOW	64QAM	21.17	21.00	21.55	22.00
			MID	64QAM	21.25	21.18	21.54	22.00
HIGH			64QAM	21.30	21.29	21.60	22.00	
25		LOW	64QAM	20.37	20.27	20.19	21.00	
		MID	64QAM	20.41	20.25	20.26	21.00	
		HIGH	64QAM	20.36	20.28	20.26	21.00	
50		LOW	64QAM	20.36	20.25	20.29	21.00	

LTE B12-Level5&6-Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.18	22.89	22.79	24.00	
		MID	QPSK	23.02	23.28	22.97	24.00	
		HIGH	QPSK	23.06	23.01	22.98	24.00	
	3	LOW	QPSK	23.23	22.87	22.83	24.00	
		MID	QPSK	23.30	23.17	23.04	24.00	
		HIGH	QPSK	23.27	23.12	22.91	24.00	
	6	LOW	QPSK	22.30	22.13	22.03	23.00	
	1.4	1	LOW	Q16	22.24	21.68	22.46	23.00
			MID	Q16	22.23	22.36	22.35	23.00
HIGH			Q16	22.32	22.00	22.31	23.00	
3		LOW	Q16	21.91	21.78	22.23	23.00	
		MID	Q16	22.05	22.29	22.43	23.00	
		HIGH	Q16	21.97	21.80	22.42	23.00	
6		LOW	Q16	21.46	21.00	21.14	22.00	
1.4		1	LOW	64QAM	21.02	20.73	21.38	22.00
			MID	64QAM	21.02	21.05	21.23	22.00
	HIGH		64QAM	21.32	21.35	21.49	22.00	
	3	LOW	64QAM	20.93	20.75	21.42	22.00	
		MID	64QAM	21.19	20.95	21.30	22.00	
		HIGH	64QAM	21.34	21.00	21.43	22.00	
	6	LOW	64QAM	19.90	19.91	20.27	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.12	23.13	22.87	24.00
MID			QPSK	23.07	23.14	23.09	24.00	
HIGH			QPSK	23.06	23.19	23.29	24.00	
8		LOW	QPSK	21.69	22.15	21.77	23.00	
		MID	QPSK	21.87	21.78	21.88	23.00	
		HIGH	QPSK	22.16	22.10	22.30	23.00	
15		LOW	QPSK	22.16	22.02	22.20	23.00	
3		1	LOW	Q16	22.15	22.12	22.21	23.00
			MID	Q16	22.13	21.78	22.54	23.00
	HIGH		Q16	21.98	22.00	22.61	23.00	
	8	LOW	Q16	21.07	20.98	21.18	22.00	
		MID	Q16	21.03	21.16	21.09	22.00	
		HIGH	Q16	21.19	21.10	21.05	22.00	
	15	LOW	Q16	21.10	20.75	21.12	22.00	
	3	1	LOW	64QAM	21.25	21.10	21.48	22.00
			MID	64QAM	21.02	20.84	21.54	22.00
HIGH			64QAM	21.13	21.29	21.32	22.00	
8		LOW	64QAM	20.09	19.97	19.73	21.00	
		MID	64QAM	20.33	20.07	19.90	21.00	
		HIGH	64QAM	19.94	20.28	20.18	21.00	
15		LOW	64QAM	20.08	19.81	20.15	21.00	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.35	22.88	23.26	24.00	
		MID	QPSK	23.00	23.05	22.92	24.00	
		HIGH	QPSK	23.31	22.92	23.14	24.00	
	12	LOW	QPSK	22.07	22.08	22.12	23.00	
		MID	QPSK	21.89	21.72	22.04	23.00	
		HIGH	QPSK	22.15	21.88	21.90	23.00	
	25	LOW	QPSK	22.23	22.27	22.07	23.00	
	5	1	LOW	Q16	22.04	21.66	22.25	23.00
			MID	Q16	21.74	22.02	22.30	23.00
HIGH			Q16	22.32	22.29	22.33	23.00	
12		LOW	Q16	20.97	21.06	21.18	22.00	
		MID	Q16	21.10	20.85	21.30	22.00	
		HIGH	Q16	21.40	20.96	20.98	22.00	
25		LOW	Q16	20.99	20.85	20.95	22.00	
5		1	LOW	64QAM	20.82	20.89	21.45	22.00
			MID	64QAM	21.04	20.74	21.21	22.00
	HIGH		64QAM	21.08	21.16	21.45	22.00	
	12	LOW	64QAM	20.05	19.99	20.03	21.00	
		MID	64QAM	20.37	20.01	20.16	21.00	
		HIGH	64QAM	20.18	20.12	20.16	21.00	
	25	LOW	64QAM	19.98	20.07	20.01	21.00	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.23	23.15	23.12	24.00
MID			QPSK	23.30	23.28	23.20	24.00	
HIGH			QPSK	23.34	23.24	23.24	24.00	
25		LOW	QPSK	22.22	22.24	22.21	23.00	
		MID	QPSK	22.29	22.20	22.19	23.00	
		HIGH	QPSK	22.31	22.21	22.19	23.00	
50		LOW	QPSK	22.37	22.24	22.25	23.00	
10		1	LOW	Q16	22.24	22.07	22.50	23.00
			MID	Q16	22.25	22.22	22.59	23.00
	HIGH		Q16	22.32	22.22	22.58	23.00	
	25	LOW	Q16	21.35	21.25	21.25	22.00	
		MID	Q16	21.39	21.23	21.24	22.00	
		HIGH	Q16	21.36	21.24	21.26	22.00	
	50	LOW	Q16	21.36	21.19	21.25	22.00	
	10	1	LOW	64QAM	21.17	21.00	21.55	22.00
			MID	64QAM	21.25	21.18	21.54	22.00
HIGH			64QAM	21.30	21.29	21.60	22.00	
25		LOW	64QAM	20.37	20.27	20.19	21.00	
		MID	64QAM	20.41	20.25	20.26	21.00	
		HIGH	64QAM	20.36	20.28	20.26	21.00	
50		LOW	64QAM	20.36	20.25	20.29	21.00	

LTE B12-Level1-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

LTE B12-Level4 (sensor off)-Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

LTE B12-Level4 (sensor on 2)-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

LTE B12-Level5&6(sensor off)-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

LTE B12-Level5&6(sensor on 2)-Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.32	22.99	23.16	24.50	
		MID	QPSK	22.99	23.11	23.03	24.50	
		HIGH	QPSK	22.87	23.19	22.73	24.50	
	3	LOW	QPSK	22.92	22.98	22.65	24.50	
		MID	QPSK	23.01	23.23	23.05	24.50	
		HIGH	QPSK	23.11	23.03	23.10	24.50	
	6	LOW	QPSK	22.06	22.29	22.17	23.50	
	1.4	1	LOW	Q16	22.00	21.90	22.49	23.50
			MID	Q16	22.07	22.05	22.39	23.50
HIGH			Q16	22.07	21.96	22.27	23.50	
3		LOW	Q16	21.93	21.59	22.29	23.50	
		MID	Q16	22.03	22.11	22.44	23.50	
		HIGH	Q16	21.96	22.17	22.51	23.50	
6		LOW	Q16	21.29	21.05	21.08	22.50	
1.4		1	LOW	64QAM	21.05	20.94	21.19	22.50
			MID	64QAM	20.76	20.63	21.47	22.50
	HIGH		64QAM	21.00	20.77	21.47	22.50	
	3	LOW	64QAM	21.05	20.98	21.20	22.50	
		MID	64QAM	20.99	20.79	21.21	22.50	
		HIGH	64QAM	21.27	21.07	21.24	22.50	
	6	LOW	64QAM	20.19	20.14	20.09	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
	3	1	LOW	QPSK	23.17	22.86	23.09	24.50
MID			QPSK	22.92	23.02	22.91	24.50	
HIGH			QPSK	23.39	22.96	22.77	24.50	
8		LOW	QPSK	21.92	22.05	22.16	23.50	
		MID	QPSK	22.19	21.95	22.26	23.50	
		HIGH	QPSK	22.28	21.90	21.97	23.50	
15		LOW	QPSK	22.11	22.20	22.41	23.50	
3		1	LOW	Q16	22.27	21.81	22.09	23.50
			MID	Q16	22.28	21.96	22.64	23.50
	HIGH		Q16	22.11	21.92	22.31	23.50	
	8	LOW	Q16	21.18	20.83	20.97	22.50	
		MID	Q16	21.45	20.87	20.93	22.50	
		HIGH	Q16	21.20	21.20	20.97	22.50	
	15	LOW	Q16	21.31	21.07	21.35	22.50	
	3	1	LOW	64QAM	21.03	20.96	21.18	22.50
			MID	64QAM	21.10	20.90	21.25	22.50
HIGH			64QAM	21.36	20.89	21.30	22.50	
8		LOW	64QAM	19.87	19.99	20.07	21.50	
		MID	64QAM	20.07	20.15	20.14	21.50	
		HIGH	64QAM	20.11	19.84	20.23	21.50	
15		LOW	64QAM	20.17	20.08	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	23.06	22.85	22.99	24.50	
		MID	QPSK	23.20	23.04	22.86	24.50	
		HIGH	QPSK	23.19	23.19	23.31	24.50	
	12	LOW	QPSK	22.11	21.94	21.98	23.50	
		MID	QPSK	21.79	22.13	21.97	23.50	
		HIGH	QPSK	22.29	21.83	21.95	23.50	
	25	LOW	QPSK	21.91	21.89	22.26	23.50	
	5	1	LOW	Q16	21.86	21.68	22.23	23.50
			MID	Q16	22.19	22.22	22.33	23.50
HIGH			Q16	22.24	22.04	22.15	23.50	
12		LOW	Q16	21.03	21.18	20.90	22.50	
		MID	Q16	21.28	20.89	20.78	22.50	
		HIGH	Q16	21.35	20.86	21.07	22.50	
25		LOW	Q16	21.10	20.78	21.20	22.50	
5		1	LOW	64QAM	20.98	20.71	21.14	22.50
			MID	64QAM	21.14	20.69	21.70	22.50
	HIGH		64QAM	21.06	20.87	21.37	22.50	
	12	LOW	64QAM	19.89	20.21	20.09	21.50	
		MID	64QAM	20.13	19.85	19.76	21.50	
		HIGH	64QAM	20.07	20.14	20.41	21.50	
	25	LOW	64QAM	20.37	20.08	20.29	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
	10	1	LOW	QPSK	23.20	23.12	23.11	24.50
MID			QPSK	23.27	23.23	23.21	24.50	
HIGH			QPSK	23.35	23.24	23.26	24.50	
25		LOW	QPSK	22.20	22.18	22.27	23.50	
		MID	QPSK	22.30	22.20	22.21	23.50	
		HIGH	QPSK	22.26	22.16	22.28	23.50	
50		LOW	QPSK	22.35	22.20	22.35	23.50	
10		1	LOW	Q16	22.22	22.05	22.47	23.50
			MID	Q16	22.23	22.18	22.60	23.50
	HIGH		Q16	22.31	22.19	22.65	23.50	
	25	LOW	Q16	21.31	21.25	21.31	22.50	
		MID	Q16	21.39	21.23	21.24	22.50	
		HIGH	Q16	21.35	21.18	21.37	22.50	
	50	LOW	Q16	21.33	21.16	21.33	22.50	
	10	1	LOW	64QAM	21.22	21.09	21.40	22.50
			MID	64QAM	21.16	21.11	21.58	22.50
HIGH			64QAM	21.38	21.21	21.60	22.50	
25		LOW	64QAM	20.31	20.25	20.31	21.50	
		MID	64QAM	20.39	20.17	20.22	21.50	
		HIGH	64QAM	20.33	20.12	20.43	21.50	
50		LOW	64QAM	20.37	20.14	20.37	21.50	

8.3.6 LTE Band17 Output Power

LTE B17-Level1-Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	22.38	22.19	22.01	23.00	
		MID	QPSK	22.25	22.18	22.07	23.00	
		HIGH	QPSK	22.30	22.35	22.23	23.00	
	12	LOW	QPSK	22.42	22.11	22.20	23.00	
		MID	QPSK	22.45	21.98	22.17	23.00	
		HIGH	QPSK	22.40	22.36	22.36	23.00	
	25	LOW	QPSK	22.22	22.31	22.08	23.00	
	5	1	LOW	Q16	22.72	21.96	22.07	23.00
			MID	Q16	22.65	22.06	22.13	23.00
HIGH			Q16	22.52	22.23	22.23	23.00	
12		LOW	Q16	21.47	21.15	21.09	22.00	
		MID	Q16	21.36	21.13	21.35	22.00	
		HIGH	Q16	21.38	21.33	21.05	22.00	
25		LOW	Q16	21.49	21.12	21.25	22.00	
5		1	LOW	64QAM	21.28	21.19	20.90	22.00
			MID	64QAM	21.33	21.11	20.99	22.00
	HIGH		64QAM	21.46	21.44	21.15	22.00	
	12	LOW	64QAM	20.42	20.04	20.06	21.00	
		MID	64QAM	20.14	20.24	20.30	21.00	
		HIGH	64QAM	20.06	20.42	20.44	21.00	
	25	LOW	64QAM	20.38	20.26	20.08	21.00	
10	10	1	LOW	QPSK	22.27	22.12	22.12	23.00
			MID	QPSK	22.43	22.27	22.25	23.00
			HIGH	QPSK	22.34	22.24	22.30	23.00
		25	LOW	QPSK	22.44	22.22	22.22	23.00
			MID	QPSK	22.38	22.22	22.26	23.00
			HIGH	QPSK	22.47	22.32	22.27	23.00
	50	LOW	QPSK	22.44	22.31	22.30	23.00	
	10	1	LOW	Q16	22.67	22.14	22.09	23.00
			MID	Q16	22.79	22.31	22.22	23.00
			HIGH	Q16	22.77	22.19	22.23	23.00
		25	LOW	Q16	21.47	21.36	21.24	22.00
			MID	Q16	21.45	21.32	21.29	22.00
			HIGH	Q16	21.53	21.42	21.28	22.00
	50	LOW	Q16	21.45	21.31	21.25	22.00	
	10	1	LOW	64QAM	21.45	21.25	21.05	22.00
MID			64QAM	21.39	21.15	21.10	22.00	
HIGH			64QAM	21.57	21.48	21.28	22.00	
25		LOW	64QAM	20.34	20.22	20.26	21.00	
		MID	64QAM	20.20	20.42	20.24	21.00	
		HIGH	64QAM	20.26	20.44	20.40	21.00	
50		LOW	64QAM	20.38	20.22	20.22	21.00	

LTE B17-Level2&3-Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	18.08	17.83	17.92	18.50	
		MID	QPSK	18.15	17.88	17.88	18.50	
		HIGH	QPSK	18.13	17.90	17.99	18.50	
	12	LOW	QPSK	17.98	17.97	17.89	18.50	
		MID	QPSK	17.93	17.89	17.88	18.50	
		HIGH	QPSK	17.85	17.87	17.80	18.50	
	25	LOW	QPSK	17.91	17.90	17.90	18.50	
	5	1	LOW	Q16	18.19	18.13	17.99	18.50
			MID	Q16	18.23	18.20	17.95	18.50
HIGH			Q16	18.23	18.19	17.96	18.50	
12		LOW	Q16	18.05	18.07	17.95	18.50	
		MID	Q16	17.98	18.02	17.96	18.50	
		HIGH	Q16	17.97	18.04	17.84	18.50	
25		LOW	Q16	17.98	17.99	17.89	18.50	
5		1	LOW	64QAM	17.96	18.10	17.81	18.50
			MID	64QAM	17.98	17.89	17.74	18.50
	HIGH		64QAM	18.23	18.03	17.89	18.50	
	12	LOW	64QAM	17.83	17.85	17.86	18.50	
		MID	64QAM	17.75	18.18	18.01	18.50	
		HIGH	64QAM	17.88	18.02	17.77	18.50	
	25	LOW	64QAM	17.98	17.77	17.68	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	17.92	17.73	17.82	18.50
MID			QPSK	17.98	17.89	17.85	18.50	
HIGH			QPSK	17.98	17.80	17.82	18.50	
25		LOW	QPSK	17.96	17.85	17.85	18.50	
		MID	QPSK	17.94	17.85	17.88	18.50	
		HIGH	QPSK	17.98	17.86	17.83	18.50	
50	LOW	QPSK	17.94	17.87	17.89	18.50		
10	1	LOW	Q16	17.87	18.16	17.83	18.50	
		MID	Q16	17.92	18.23	17.92	18.50	
		HIGH	Q16	17.91	18.21	17.80	18.50	
	25	LOW	Q16	18.01	17.99	18.00	18.50	
		MID	Q16	18.00	17.90	17.98	18.50	
		HIGH	Q16	18.01	17.98	17.95	18.50	
50	LOW	Q16	17.94	17.94	17.92	18.50		
10	1	LOW	64QAM	17.91	18.07	17.65	18.50	
		MID	64QAM	17.71	18.14	17.56	18.50	
		HIGH	64QAM	17.53	17.95	17.89	18.50	
	25	LOW	64QAM	18.04	17.95	18.16	18.50	
		MID	64QAM	17.85	17.63	17.91	18.50	
		HIGH	64QAM	17.58	17.79	18.15	18.50	
	50	LOW	64QAM	17.54	17.75	17.99	18.50	

LTE B17-Level4 -Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.19	23.00	22.90	24.00	
		MID	QPSK	23.39	23.14	23.00	24.00	
		HIGH	QPSK	23.22	23.18	23.34	24.00	
	12	LOW	QPSK	22.30	22.30	21.98	23.00	
		MID	QPSK	22.32	22.33	22.06	23.00	
		HIGH	QPSK	22.26	22.28	22.05	23.00	
	25	LOW	QPSK	22.20	22.29	22.31	23.00	
	5	1	LOW	Q16	22.75	22.08	21.90	23.00
			MID	Q16	22.62	22.25	22.00	23.00
HIGH			Q16	22.67	22.13	22.11	23.00	
12		LOW	Q16	21.40	21.19	21.23	22.00	
		MID	Q16	21.18	21.14	21.38	22.00	
		HIGH	Q16	21.49	21.17	21.09	22.00	
25		LOW	Q16	21.35	21.26	21.31	22.00	
5		1	LOW	64QAM	21.40	21.29	21.03	22.00
			MID	64QAM	21.16	21.30	21.19	22.00
	HIGH		64QAM	21.44	21.47	21.12	22.00	
	12	LOW	64QAM	20.26	20.50	20.34	21.00	
		MID	64QAM	20.22	20.40	20.50	21.00	
		HIGH	64QAM	20.18	20.64	20.60	21.00	
	25	LOW	64QAM	20.30	20.38	20.16	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)	
10	1	LOW	QPSK	23.28	23.12	23.13	24.00	
		MID	QPSK	23.39	23.23	23.26	24.00	
		HIGH	QPSK	23.38	23.30	23.32	24.00	
	25	LOW	QPSK	22.41	22.21	22.22	23.00	
		MID	QPSK	22.39	22.22	22.24	23.00	
		HIGH	QPSK	22.44	22.30	22.23	23.00	
50	LOW	QPSK	22.40	22.29	22.27	23.00		
10	1	LOW	Q16	22.64	22.10	22.05	23.00	
		MID	Q16	22.76	22.29	22.20	23.00	
		HIGH	Q16	22.76	22.17	22.22	23.00	
	25	LOW	Q16	21.44	21.32	21.21	22.00	
		MID	Q16	21.42	21.33	21.27	22.00	
		HIGH	Q16	21.51	21.38	21.28	22.00	
50	LOW	Q16	21.39	21.30	21.23	22.00		
10	1	LOW	64QAM	21.51	21.27	21.14	22.00	
		MID	64QAM	21.27	21.32	21.19	22.00	
		HIGH	64QAM	21.50	21.41	21.23	22.00	
	25	LOW	64QAM	20.40	20.44	20.38	21.00	
		MID	64QAM	20.38	20.30	20.50	21.00	
		HIGH	64QAM	20.34	20.56	20.54	21.00	
50	LOW	64QAM	20.32	20.54	20.34	21.00		

LTE B17-Level5&6-Ant.0

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.19	23.00	22.90	24.00	
		MID	QPSK	23.39	23.14	23.00	24.00	
		HIGH	QPSK	23.22	23.18	23.34	24.00	
	12	LOW	QPSK	22.30	22.30	21.98	23.00	
		MID	QPSK	22.32	22.33	22.06	23.00	
		HIGH	QPSK	22.26	22.28	22.05	23.00	
	25	LOW	QPSK	22.20	22.29	22.31	23.00	
	5	1	LOW	Q16	22.75	22.08	21.90	23.00
			MID	Q16	22.62	22.25	22.00	23.00
HIGH			Q16	22.67	22.13	22.11	23.00	
12		LOW	Q16	21.40	21.19	21.23	22.00	
		MID	Q16	21.18	21.14	21.38	22.00	
		HIGH	Q16	21.49	21.17	21.09	22.00	
25		LOW	Q16	21.35	21.26	21.31	22.00	
5		1	LOW	64QAM	21.40	21.29	21.03	22.00
			MID	64QAM	21.16	21.30	21.19	22.00
	HIGH		64QAM	21.44	21.47	21.12	22.00	
	12	LOW	64QAM	20.26	20.50	20.34	21.00	
		MID	64QAM	20.22	20.40	20.50	21.00	
		HIGH	64QAM	20.18	20.64	20.60	21.00	
	25	LOW	64QAM	20.30	20.38	20.16	21.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	23.28	23.12	23.13	24.00
MID			QPSK	23.39	23.23	23.26	24.00	
HIGH			QPSK	23.38	23.30	23.32	24.00	
25		LOW	QPSK	22.41	22.21	22.22	23.00	
		MID	QPSK	22.39	22.22	22.24	23.00	
		HIGH	QPSK	22.44	22.30	22.23	23.00	
50	LOW	QPSK	22.40	22.29	22.27	23.00		
10	1	LOW	Q16	22.64	22.10	22.05	23.00	
		MID	Q16	22.76	22.29	22.20	23.00	
		HIGH	Q16	22.76	22.17	22.22	23.00	
	25	LOW	Q16	21.44	21.32	21.21	22.00	
		MID	Q16	21.42	21.33	21.27	22.00	
		HIGH	Q16	21.51	21.38	21.28	22.00	
	50	LOW	Q16	21.39	21.30	21.23	22.00	
	10	1	LOW	64QAM	21.51	21.27	21.14	22.00
			MID	64QAM	21.27	21.32	21.19	22.00
HIGH			64QAM	21.50	21.41	21.23	22.00	
25		LOW	64QAM	20.40	20.44	20.38	21.00	
		MID	64QAM	20.38	20.30	20.50	21.00	
		HIGH	64QAM	20.34	20.56	20.54	21.00	
50		LOW	64QAM	20.32	20.54	20.34	21.00	

LTE B17-Level1-Ant.1								
Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	23.25	23.12	23.15	24.50
MID			QPSK	23.40	23.28	23.25	24.50	
HIGH			QPSK	23.42	23.25	23.34	24.50	
25		LOW	QPSK	22.42	22.27	22.27	23.50	
		MID	QPSK	22.39	22.23	22.24	23.50	
		HIGH	QPSK	22.45	22.37	22.33	23.50	
50	LOW	QPSK	22.41	22.33	22.34	23.50		
10	1	LOW	Q16	22.62	22.11	22.08	23.50	
		MID	Q16	22.75	22.28	22.20	23.50	
		HIGH	Q16	22.79	22.21	22.22	23.50	
	25	LOW	Q16	21.47	21.39	21.26	22.50	
		MID	Q16	21.44	21.32	21.28	22.50	
		HIGH	Q16	21.52	21.45	21.38	22.50	
	50	LOW	Q16	21.38	21.36	21.31	22.50	
	10	1	LOW	64QAM	21.51	21.26	21.30	22.50
			MID	64QAM	21.29	21.34	21.37	22.50
HIGH			64QAM	21.39	21.47	21.27	22.50	
25		LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
50		LOW	64QAM	20.54	20.40	20.44	21.50	

LTE B17-Level2&3-Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)	
10	1	LOW	QPSK	23.25	23.12	23.15	24.50	
		MID	QPSK	23.40	23.28	23.25	24.50	
		HIGH	QPSK	23.42	23.25	23.34	24.50	
	25	LOW	QPSK	22.42	22.27	22.27	23.50	
		MID	QPSK	22.39	22.23	22.24	23.50	
		HIGH	QPSK	22.45	22.37	22.33	23.50	
50	LOW	QPSK	22.41	22.33	22.34	23.50		
10	1	LOW	Q16	22.62	22.11	22.08	23.50	
		MID	Q16	22.75	22.28	22.20	23.50	
		HIGH	Q16	22.79	22.21	22.22	23.50	
	25	LOW	Q16	21.47	21.39	21.26	22.50	
		MID	Q16	21.44	21.32	21.28	22.50	
		HIGH	Q16	21.52	21.45	21.38	22.50	
50	LOW	Q16	21.38	21.36	21.31	22.50		
10	1	LOW	64QAM	21.51	21.26	21.30	22.50	
		MID	64QAM	21.29	21.34	21.37	22.50	
		HIGH	64QAM	21.39	21.47	21.27	22.50	
	25	LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
	50	LOW	64QAM	20.54	20.40	20.44	21.50	

LTE B17-Level4 (sensor off)-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	23.25	23.12	23.15	24.50
MID			QPSK	23.40	23.28	23.25	24.50	
HIGH			QPSK	23.42	23.25	23.34	24.50	
25		LOW	QPSK	22.42	22.27	22.27	23.50	
		MID	QPSK	22.39	22.23	22.24	23.50	
		HIGH	QPSK	22.45	22.37	22.33	23.50	
50	LOW	QPSK	22.41	22.33	22.34	23.50		
10	1	LOW	Q16	22.62	22.11	22.08	23.50	
		MID	Q16	22.75	22.28	22.20	23.50	
		HIGH	Q16	22.79	22.21	22.22	23.50	
	25	LOW	Q16	21.47	21.39	21.26	22.50	
		MID	Q16	21.44	21.32	21.28	22.50	
		HIGH	Q16	21.52	21.45	21.38	22.50	
	50	LOW	Q16	21.38	21.36	21.31	22.50	
	10	1	LOW	64QAM	21.51	21.26	21.30	22.50
			MID	64QAM	21.29	21.34	21.37	22.50
HIGH			64QAM	21.39	21.47	21.27	22.50	
25		LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
50		LOW	64QAM	20.54	20.40	20.44	21.50	

LTE B17-Level4 (sensor on 2)-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
	Bandwidth (RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
	10	1	LOW	QPSK	23.25	23.12	23.15	24.50
MID			QPSK	23.40	23.28	23.25	24.50	
HIGH			QPSK	23.42	23.25	23.34	24.50	
25		LOW	QPSK	22.42	22.27	22.27	23.50	
		MID	QPSK	22.39	22.23	22.24	23.50	
		HIGH	QPSK	22.45	22.37	22.33	23.50	
50		LOW	QPSK	22.41	22.33	22.34	23.50	
10		1	LOW	Q16	22.62	22.11	22.08	23.50
			MID	Q16	22.75	22.28	22.20	23.50
	HIGH		Q16	22.79	22.21	22.22	23.50	
	25	LOW	Q16	21.47	21.39	21.26	22.50	
		MID	Q16	21.44	21.32	21.28	22.50	
		HIGH	Q16	21.52	21.45	21.38	22.50	
	50	LOW	Q16	21.38	21.36	21.31	22.50	
	10	1	LOW	64QAM	21.51	21.26	21.30	22.50
			MID	64QAM	21.29	21.34	21.37	22.50
HIGH			64QAM	21.39	21.47	21.27	22.50	
25		LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
50		LOW	64QAM	20.54	20.40	20.44	21.50	

LTE B17-Level5&6(sensor off)-Ant.1								
Bandwidth (	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
Bandwidth (	RB Size	RB offset	Modulation	23780	23790	23800	Tune-up power(dBm)
10	1	LOW	QPSK	23.25	23.12	23.15	24.50	
		MID	QPSK	23.40	23.28	23.25	24.50	
		HIGH	QPSK	23.42	23.25	23.34	24.50	
	25	LOW	QPSK	22.42	22.27	22.27	23.50	
		MID	QPSK	22.39	22.23	22.24	23.50	
		HIGH	QPSK	22.45	22.37	22.33	23.50	
50	LOW	QPSK	22.41	22.33	22.34	23.50		
10	1	LOW	Q16	22.62	22.11	22.08	23.50	
		MID	Q16	22.75	22.28	22.20	23.50	
		HIGH	Q16	22.79	22.21	22.22	23.50	
	25	LOW	Q16	21.47	21.39	21.26	22.50	
		MID	Q16	21.44	21.32	21.28	22.50	
		HIGH	Q16	21.52	21.45	21.38	22.50	
50	LOW	Q16	21.38	21.36	21.31	22.50		
10	1	LOW	64QAM	21.51	21.26	21.30	22.50	
		MID	64QAM	21.29	21.34	21.37	22.50	
		HIGH	64QAM	21.39	21.47	21.27	22.50	
	25	LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
	50	LOW	64QAM	20.54	20.40	20.44	21.50	

LTE B17-Level5&6(sensor on 2)-Ant.1

Bandwidth (MHz)	RB Size	RB offset	Modulation	23755	23790	23825	Tune-up power(dBm)	
5	1	LOW	QPSK	23.20	22.87	23.17	24.50	
		MID	QPSK	23.35	23.33	23.02	24.50	
		HIGH	QPSK	23.37	23.16	23.43	24.50	
	12	LOW	QPSK	22.49	22.14	22.38	23.50	
		MID	QPSK	22.23	22.32	22.22	23.50	
		HIGH	QPSK	22.29	22.39	22.33	23.50	
	25	LOW	QPSK	22.48	22.11	22.45	23.50	
	5	1	LOW	Q16	22.44	21.93	21.84	23.50
			MID	Q16	22.68	22.21	22.31	23.50
HIGH			Q16	22.72	22.08	22.00	23.50	
12		LOW	Q16	21.43	21.26	21.32	22.50	
		MID	Q16	21.20	21.15	21.39	22.50	
		HIGH	Q16	21.54	21.54	21.21	22.50	
25		LOW	Q16	21.42	21.40	21.18	22.50	
5		1	LOW	64QAM	21.53	21.26	21.32	22.50
			MID	64QAM	21.20	21.19	21.48	22.50
	HIGH		64QAM	21.26	21.56	21.16	22.50	
	12	LOW	64QAM	20.32	20.56	20.44	21.50	
		MID	64QAM	20.52	20.42	20.29	21.50	
		HIGH	64QAM	20.42	20.25	20.22	21.50	
	25	LOW	64QAM	20.58	20.48	20.50	21.50	
10	10	1	LOW	QPSK	23.25	23.12	23.15	24.50
			MID	QPSK	23.40	23.28	23.25	24.50
			HIGH	QPSK	23.42	23.25	23.34	24.50
		25	LOW	QPSK	22.42	22.27	22.27	23.50
			MID	QPSK	22.39	22.23	22.24	23.50
			HIGH	QPSK	22.45	22.37	22.33	23.50
	50	LOW	QPSK	22.41	22.33	22.34	23.50	
	10	1	LOW	Q16	22.62	22.11	22.08	23.50
			MID	Q16	22.75	22.28	22.20	23.50
			HIGH	Q16	22.79	22.21	22.22	23.50
		25	LOW	Q16	21.47	21.39	21.26	22.50
			MID	Q16	21.44	21.32	21.28	22.50
			HIGH	Q16	21.52	21.45	21.38	22.50
	50	LOW	Q16	21.38	21.36	21.31	22.50	
	10	1	LOW	64QAM	21.51	21.26	21.30	22.50
MID			64QAM	21.29	21.34	21.37	22.50	
HIGH			64QAM	21.39	21.47	21.27	22.50	
25		LOW	64QAM	20.42	20.52	20.50	21.50	
		MID	64QAM	20.48	20.56	20.52	21.50	
		HIGH	64QAM	20.38	20.27	20.34	21.50	
50		LOW	64QAM	20.54	20.40	20.44	21.50	

8.3.7 LTE Band26 Output Power

LTE B26-Level1-Ant.0								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	22.50	22.31	22.08	23.50	
		MID	QPSK	22.31	22.36	22.35	23.50	
		HIGH	QPSK	22.53	22.25	22.18	23.50	
	3	LOW	QPSK	22.35	22.13	22.17	23.50	
		MID	QPSK	22.30	22.30	22.16	23.50	
		HIGH	QPSK	22.39	22.11	22.28	23.50	
	6	LOW	QPSK	22.47	22.30	22.44	23.50	
	1.4	1	LOW	Q16	22.47	22.51	22.29	23.50
			MID	Q16	22.52	22.73	22.61	23.50
HIGH			Q16	22.19	22.38	22.49	23.50	
3		LOW	Q16	22.13	22.46	22.47	23.50	
		MID	Q16	22.34	22.51	22.57	23.50	
		HIGH	Q16	22.28	22.47	22.72	23.50	
6		LOW	Q16	21.30	21.46	21.14	22.50	
1.4		1	LOW	64QAM	21.21	21.54	21.57	22.50
			MID	64QAM	21.21	21.80	21.82	22.50
	HIGH		64QAM	21.25	21.46	21.78	22.50	
	3	LOW	64QAM	21.27	21.56	21.72	22.50	
		MID	64QAM	21.12	21.84	21.60	22.50	
		HIGH	64QAM	21.18	21.61	21.70	22.50	
	6	LOW	64QAM	20.40	20.34	20.11	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	22.44	22.13	22.17	23.50
MID			QPSK	22.43	22.38	22.13	23.50	
HIGH			QPSK	22.28	22.16	22.25	23.50	
8		LOW	QPSK	22.30	22.31	22.20	23.50	
		MID	QPSK	22.48	22.35	22.36	23.50	
		HIGH	QPSK	22.46	22.16	22.14	23.50	
15		LOW	QPSK	22.59	22.17	22.21	23.50	
3		1	LOW	Q16	22.44	22.39	22.61	23.50
			MID	Q16	22.25	22.67	22.59	23.50
	HIGH		Q16	22.33	22.59	22.58	23.50	
	8	LOW	Q16	21.41	21.26	21.07	22.50	
		MID	Q16	21.30	21.31	21.21	22.50	
		HIGH	Q16	21.48	21.43	21.18	22.50	
	15	LOW	Q16	21.52	21.29	21.14	22.50	
	3	1	LOW	64QAM	21.10	21.80	21.55	22.50
			MID	64QAM	21.36	21.84	21.66	22.50
HIGH			64QAM	21.35	21.55	21.52	22.50	
8		LOW	64QAM	20.34	20.41	20.43	21.50	
		MID	64QAM	20.36	20.34	20.18	21.50	
		HIGH	64QAM	20.46	20.37	20.31	21.50	
15		LOW	64QAM	20.31	20.50	20.25	21.50	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	22.26	22.33	22.05	23.50
	MID		QPSK	22.47	22.13	22.19	23.50	
	HIGH		QPSK	22.24	22.02	22.09	23.50	
	12	LOW	QPSK	22.52	22.22	22.08	23.50	
		MID	QPSK	22.39	22.10	22.20	23.50	
		HIGH	QPSK	22.58	22.27	22.46	23.50	
	25	LOW	QPSK	22.34	22.32	22.33	23.50	
	5	1	LOW	Q16	22.27	22.26	22.31	23.50
			MID	Q16	22.27	22.46	22.34	23.50
HIGH			Q16	22.39	22.40	22.26	23.50	
12		LOW	Q16	21.35	21.36	21.24	22.50	
		MID	Q16	21.56	21.46	21.21	22.50	
		HIGH	Q16	21.48	21.28	21.24	22.50	
25		LOW	Q16	21.30	21.38	21.12	22.50	
5		1	LOW	64QAM	21.27	21.61	21.68	22.50
			MID	64QAM	21.44	21.65	21.75	22.50
	HIGH		64QAM	21.18	21.48	21.57	22.50	
	12	LOW	64QAM	20.34	20.26	20.31	21.50	
		MID	64QAM	20.44	20.20	20.16	21.50	
		HIGH	64QAM	20.56	20.35	20.27	21.50	
	25	LOW	64QAM	20.34	20.44	20.15	21.50	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	22.39	22.09	22.37	23.50	
		MID	QPSK	22.29	22.27	22.10	23.50	
		HIGH	QPSK	22.35	22.18	22.07	23.50	
	25	LOW	QPSK	22.26	22.40	22.29	23.50	
		MID	QPSK	22.26	22.30	22.27	23.50	
		HIGH	QPSK	22.51	22.25	22.46	23.50	
	50	LOW	QPSK	22.50	22.21	22.28	23.50	
	10	1	LOW	Q16	22.40	22.51	22.45	23.50
			MID	Q16	22.49	22.50	22.25	23.50
HIGH			Q16	22.28	22.33	22.24	23.50	
25		LOW	Q16	21.35	21.36	21.20	22.50	
		MID	Q16	21.54	21.27	21.13	22.50	
		HIGH	Q16	21.30	21.43	21.41	22.50	
50		LOW	Q16	21.35	21.31	21.37	22.50	
10		1	LOW	64QAM	21.27	21.83	21.61	22.50
			MID	64QAM	21.21	21.76	21.79	22.50
	HIGH		64QAM	21.33	21.64	21.57	22.50	
	25	LOW	64QAM	20.34	20.35	20.33	21.50	
		MID	64QAM	20.30	20.36	20.40	21.50	
		HIGH	64QAM	20.40	20.37	20.15	21.50	
	50	LOW	64QAM	20.46	20.34	20.07	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	22.46	22.29	22.30	23.50
MID			QPSK	22.47	22.38	22.35	23.50	
HIGH			QPSK	22.51	22.29	22.34	23.50	
36		LOW	QPSK	22.48	22.38	22.33	23.50	
		MID	QPSK	22.53	22.37	22.38	23.50	
		HIGH	QPSK	22.53	22.38	22.39	23.50	
75		LOW	QPSK	22.52	22.39	22.37	23.50	
15		1	LOW	Q16	22.40	22.74	22.77	23.50
			MID	Q16	22.45	22.78	22.82	23.50
	HIGH		Q16	22.46	22.70	22.81	23.50	
	36	LOW	Q16	21.50	21.45	21.33	22.50	
		MID	Q16	21.54	21.42	21.36	22.50	
		HIGH	Q16	21.54	21.45	21.39	22.50	
	75	LOW	Q16	21.54	21.42	21.35	22.50	
	15	1	LOW	64QAM	21.36	21.76	21.72	22.50
			MID	64QAM	21.38	21.80	21.75	22.50
HIGH			64QAM	21.44	21.68	21.74	22.50	
36		LOW	64QAM	20.46	20.49	20.37	21.50	
		MID	64QAM	20.48	20.38	20.38	21.50	
		HIGH	64QAM	20.54	20.41	20.35	21.50	
75		LOW	64QAM	20.52	20.44	20.29	21.50	

LTE B26-Level2&3-Ant.0								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	17.97	17.99	18.01	19.00	
		MID	QPSK	17.97	18.01	18.07	19.00	
		HIGH	QPSK	18.04	18.02	18.09	19.00	
	3	LOW	QPSK	18.20	18.10	18.17	19.00	
		MID	QPSK	18.21	18.12	18.16	19.00	
		HIGH	QPSK	18.16	18.13	18.20	19.00	
	6	LOW	QPSK	18.18	18.17	18.14	19.00	
	1.4	1	LOW	Q16	18.30	18.22	18.12	19.00
			MID	Q16	18.29	18.21	18.14	19.00
HIGH			Q16	18.27	18.21	18.18	19.00	
3		LOW	Q16	18.25	18.35	18.31	19.00	
		MID	Q16	18.25	18.34	18.32	19.00	
		HIGH	Q16	18.23	18.32	18.33	19.00	
6		LOW	Q16	18.33	18.03	18.34	19.00	
1.4		1	LOW	64QAM	18.28	18.29	18.16	19.00
			MID	64QAM	18.18	18.25	18.21	19.00
	HIGH		64QAM	18.34	18.17	18.27	19.00	
	3	LOW	64QAM	18.14	18.31	18.22	19.00	
		MID	64QAM	18.16	18.41	18.21	19.00	
		HIGH	64QAM	18.32	18.23	18.31	19.00	
	6	LOW	64QAM	18.33	17.96	18.36	19.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	18.35	17.97	18.02	19.00
MID			QPSK	18.17	18.07	18.05	19.00	
HIGH			QPSK	18.16	18.03	18.12	19.00	
8		LOW	QPSK	18.17	18.12	18.09	19.00	
		MID	QPSK	18.18	18.12	18.12	19.00	
		HIGH	QPSK	18.14	18.14	18.13	19.00	
15		LOW	QPSK	18.17	18.19	18.14	19.00	
3		1	LOW	Q16	18.17	18.20	18.07	19.00
			MID	Q16	18.11	18.20	18.13	19.00
	HIGH		Q16	18.11	18.21	18.17	19.00	
	8	LOW	Q16	18.32	18.22	18.16	19.00	
		MID	Q16	18.30	18.22	18.19	19.00	
		HIGH	Q16	18.28	18.25	18.24	19.00	
	15	LOW	Q16	18.24	18.22	18.11	19.00	
	3	1	LOW	64QAM	18.22	18.27	18.05	19.00
			MID	64QAM	18.15	18.24	18.11	19.00
HIGH			64QAM	18.15	18.10	18.15	19.00	
8		LOW	64QAM	18.27	18.22	18.20	19.00	
		MID	64QAM	18.19	18.11	18.21	19.00	
		HIGH	64QAM	18.17	18.30	18.33	19.00	
15		LOW	64QAM	18.31	18.26	18.00	19.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	18.35	18.04	18.12	19.00
	MID		QPSK	18.32	18.09	18.06	19.00	
	HIGH		QPSK	18.31	18.11	18.15	19.00	
	12	LOW	QPSK	18.22	18.18	18.13	19.00	
		MID	QPSK	18.17	18.19	18.04	19.00	
		HIGH	QPSK	18.16	18.18	18.06	19.00	
	25	LOW	QPSK	18.15	18.16	18.09	19.00	
	5	1	LOW	Q16	18.50	18.41	18.22	19.00
			MID	Q16	18.42	18.49	18.14	19.00
HIGH			Q16	18.47	18.47	18.26	19.00	
12		LOW	Q16	18.26	18.34	18.20	19.00	
		MID	Q16	18.19	18.33	18.13	19.00	
		HIGH	Q16	18.20	18.27	18.11	19.00	
25		LOW	Q16	18.23	18.26	18.11	19.00	
5		1	LOW	64QAM	18.54	18.43	18.22	19.00
			MID	64QAM	18.42	18.55	18.14	19.00
	HIGH		64QAM	18.53	18.53	18.19	19.00	
	12	LOW	64QAM	18.30	18.41	18.09	19.00	
		MID	64QAM	18.15	18.33	18.09	19.00	
		HIGH	64QAM	18.25	18.36	18.18	19.00	
	25	LOW	64QAM	18.32	18.35	18.04	19.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	18.29	18.04	17.99	19.00	
		MID	QPSK	18.24	18.14	18.12	19.00	
		HIGH	QPSK	18.16	17.98	18.10	19.00	
	25	LOW	QPSK	18.16	18.19	18.10	19.00	
		MID	QPSK	18.22	18.14	18.11	19.00	
		HIGH	QPSK	18.23	18.19	18.05	19.00	
	50	LOW	QPSK	18.18	18.17	18.12	19.00	
	10	1	LOW	Q16	18.11	18.42	18.03	19.00
			MID	Q16	18.11	18.51	18.14	19.00
HIGH			Q16	18.11	18.47	18.12	19.00	
25		LOW	Q16	18.21	18.25	18.22	19.00	
		MID	Q16	18.24	18.23	18.21	19.00	
		HIGH	Q16	18.28	18.24	18.14	19.00	
50		LOW	Q16	18.20	18.21	18.14	19.00	
10		1	LOW	64QAM	18.00	18.40	18.03	19.00
			MID	64QAM	18.04	18.51	18.12	19.00
	HIGH		64QAM	18.07	18.26	18.17	19.00	
	25	LOW	64QAM	18.23	18.25	18.27	19.00	
		MID	64QAM	18.24	18.25	18.19	19.00	
		HIGH	64QAM	18.28	18.13	18.14	19.00	
	50	LOW	64QAM	18.25	18.17	18.16	19.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	18.26	18.03	18.00	19.00
MID			QPSK	18.16	18.10	18.01	19.00	
HIGH			QPSK	18.11	18.02	18.01	19.00	
36		LOW	QPSK	18.06	18.09	18.01	19.00	
		MID	QPSK	18.10	18.10	18.08	19.00	
		HIGH	QPSK	18.12	18.09	18.02	19.00	
75		LOW	QPSK	18.10	18.14	18.06	19.00	
15		1	LOW	Q16	18.07	18.42	18.21	19.00
			MID	Q16	18.17	18.51	18.28	19.00
	HIGH		Q16	18.11	18.42	18.23	19.00	
	36	LOW	Q16	18.14	18.19	18.03	19.00	
		MID	Q16	18.15	18.16	18.14	19.00	
		HIGH	Q16	18.16	18.18	18.05	19.00	
	75	LOW	Q16	18.14	18.17	18.08	19.00	
	15	1	LOW	64QAM	18.16	18.42	18.30	19.00
			MID	64QAM	18.15	18.45	18.17	19.00
HIGH			64QAM	18.07	18.38	18.30	19.00	
36		LOW	64QAM	18.21	18.10	18.07	19.00	
		MID	64QAM	18.11	18.07	18.05	19.00	
		HIGH	64QAM	18.05	18.27	18.01	19.00	
75		LOW	64QAM	18.09	18.10	18.04	19.00	

LTE B26-Level4-Ant.0								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.37	23.22	22.98	24.50	
		MID	QPSK	23.37	23.24	23.16	24.50	
		HIGH	QPSK	23.40	23.19	23.26	24.50	
	3	LOW	QPSK	23.30	23.17	23.05	24.50	
		MID	QPSK	23.40	23.29	23.33	24.50	
		HIGH	QPSK	23.28	23.07	23.21	24.50	
	6	LOW	QPSK	22.35	22.15	22.38	23.50	
	1.4	1	LOW	Q16	22.33	22.76	22.64	23.50
			MID	Q16	22.40	22.78	22.73	23.50
HIGH			Q16	22.35	22.62	22.79	23.50	
3		LOW	Q16	22.35	22.53	22.53	23.50	
		MID	Q16	22.11	22.75	22.69	23.50	
		HIGH	Q16	22.20	22.64	22.77	23.50	
6		LOW	Q16	21.48	21.22	21.28	22.50	
1.4		1	LOW	64QAM	21.15	21.47	21.54	22.50
			MID	64QAM	21.12	21.76	21.92	22.50
	HIGH		64QAM	21.27	21.76	21.82	22.50	
	3	LOW	64QAM	21.41	21.69	21.80	22.50	
		MID	64QAM	21.21	21.69	21.74	22.50	
		HIGH	64QAM	21.19	21.72	21.80	22.50	
	6	LOW	64QAM	20.44	20.41	20.24	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.58	23.15	23.24	24.50
MID			QPSK	23.26	23.31	23.07	24.50	
HIGH			QPSK	23.59	23.28	23.19	24.50	
8		LOW	QPSK	22.26	22.16	22.05	23.50	
		MID	QPSK	22.40	22.30	22.37	23.50	
		HIGH	QPSK	22.25	22.10	22.10	23.50	
15		LOW	QPSK	22.30	22.33	22.07	23.50	
3		1	LOW	Q16	22.39	22.67	22.71	23.50
			MID	Q16	22.36	22.68	22.87	23.50
	HIGH		Q16	22.24	22.42	22.82	23.50	
	8	LOW	Q16	21.44	21.18	21.14	22.50	
		MID	Q16	21.41	21.21	21.34	22.50	
		HIGH	Q16	21.48	21.33	21.28	22.50	
	15	LOW	Q16	21.33	21.18	21.26	22.50	
	3	1	LOW	64QAM	21.45	21.69	21.82	22.50
			MID	64QAM	21.29	21.69	21.72	22.50
HIGH			64QAM	21.27	21.83	21.82	22.50	
8		LOW	64QAM	20.58	20.34	20.15	21.50	
		MID	64QAM	20.60	20.42	20.22	21.50	
		HIGH	64QAM	20.27	20.42	20.14	21.50	
15		LOW	64QAM	20.58	20.17	20.30	21.50	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.39	23.13	23.24	24.50
	MID		QPSK	23.23	23.17	23.02	24.50	
	HIGH		QPSK	23.35	23.26	23.19	24.50	
	12	LOW	QPSK	22.46	22.11	22.32	23.50	
		MID	QPSK	22.46	22.10	22.13	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
	25	LOW	QPSK	22.44	22.36	22.38	23.50	
	5	1	LOW	Q16	22.30	22.62	22.59	23.50
			MID	Q16	22.31	22.48	22.78	23.50
HIGH			Q16	22.24	22.76	22.63	23.50	
12		LOW	Q16	21.24	21.29	21.10	22.50	
		MID	Q16	21.54	21.14	21.19	22.50	
		HIGH	Q16	21.33	21.40	21.38	22.50	
25		LOW	Q16	21.48	21.16	21.30	22.50	
5		1	LOW	64QAM	21.26	21.62	21.65	22.50
			MID	64QAM	21.21	21.76	21.81	22.50
	HIGH		64QAM	21.23	21.52	21.64	22.50	
	12	LOW	64QAM	20.50	20.30	20.05	21.50	
		MID	64QAM	20.40	20.24	20.40	21.50	
		HIGH	64QAM	20.52	20.22	20.36	21.50	
	25	LOW	64QAM	20.44	20.21	20.18	21.50	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.30	23.34	23.05	24.50	
		MID	QPSK	23.42	23.08	23.21	24.50	
		HIGH	QPSK	23.49	22.98	23.23	24.50	
	25	LOW	QPSK	22.46	22.36	22.14	23.50	
		MID	QPSK	22.42	22.12	22.28	23.50	
		HIGH	QPSK	22.34	22.35	22.26	23.50	
	50	LOW	QPSK	22.28	22.15	22.21	23.50	
	10	1	LOW	Q16	22.44	22.51	22.50	23.50
			MID	Q16	22.25	22.68	22.75	23.50
HIGH			Q16	22.31	22.44	22.57	23.50	
25		LOW	Q16	21.48	21.29	21.18	22.50	
		MID	Q16	21.26	21.21	21.25	22.50	
		HIGH	Q16	21.56	21.35	21.13	22.50	
50		LOW	Q16	21.52	21.28	21.36	22.50	
10		1	LOW	64QAM	21.30	21.69	21.85	22.50
			MID	64QAM	21.12	21.54	21.65	22.50
	HIGH		64QAM	21.42	21.69	21.77	22.50	
	25	LOW	64QAM	20.54	20.23	20.15	21.50	
		MID	64QAM	20.44	20.26	20.36	21.50	
		HIGH	64QAM	20.54	20.36	20.32	21.50	
	50	LOW	64QAM	20.58	20.39	20.22	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.51	23.29	23.24	24.50
MID			QPSK	23.49	23.36	23.28	24.50	
HIGH			QPSK	23.54	23.26	23.28	24.50	
36		LOW	QPSK	22.48	22.38	22.30	23.50	
		MID	QPSK	22.51	22.37	22.35	23.50	
		HIGH	QPSK	22.50	22.37	22.37	23.50	
75		LOW	QPSK	22.48	22.40	22.34	23.50	
15		1	LOW	Q16	22.37	22.76	22.73	23.50
			MID	Q16	22.38	22.73	22.80	23.50
	HIGH		Q16	22.42	22.69	22.77	23.50	
	36	LOW	Q16	21.50	21.42	21.27	22.50	
		MID	Q16	21.50	21.40	21.34	22.50	
		HIGH	Q16	21.52	21.44	21.32	22.50	
	75	LOW	Q16	21.46	21.37	21.32	22.50	
	15	1	LOW	64QAM	21.41	21.71	21.78	22.50
			MID	64QAM	21.38	21.78	21.85	22.50
HIGH			64QAM	21.40	21.76	21.84	22.50	
36		LOW	64QAM	20.52	20.48	20.25	21.50	
		MID	64QAM	20.56	20.42	20.38	21.50	
		HIGH	64QAM	20.50	20.40	20.36	21.50	
75		LOW	64QAM	20.52	20.39	20.38	21.50	

LTE B26-Level5&6-Ant.0								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.37	23.22	22.98	24.50	
		MID	QPSK	23.37	23.24	23.16	24.50	
		HIGH	QPSK	23.40	23.19	23.26	24.50	
	3	LOW	QPSK	23.30	23.17	23.05	24.50	
		MID	QPSK	23.40	23.29	23.33	24.50	
		HIGH	QPSK	23.28	23.07	23.21	24.50	
	6	LOW	QPSK	22.35	22.15	22.38	23.50	
	1.4	1	LOW	Q16	22.33	22.76	22.64	23.50
			MID	Q16	22.40	22.78	22.73	23.50
HIGH			Q16	22.35	22.62	22.79	23.50	
3		LOW	Q16	22.35	22.53	22.53	23.50	
		MID	Q16	22.11	22.75	22.69	23.50	
		HIGH	Q16	22.20	22.64	22.77	23.50	
6		LOW	Q16	21.48	21.22	21.28	22.50	
1.4		1	LOW	64QAM	21.15	21.47	21.54	22.50
			MID	64QAM	21.12	21.76	21.92	22.50
	HIGH		64QAM	21.27	21.76	21.82	22.50	
	3	LOW	64QAM	21.41	21.69	21.80	22.50	
		MID	64QAM	21.21	21.69	21.74	22.50	
		HIGH	64QAM	21.19	21.72	21.80	22.50	
	6	LOW	64QAM	20.44	20.41	20.24	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.58	23.15	23.24	24.50
MID			QPSK	23.26	23.31	23.07	24.50	
HIGH			QPSK	23.59	23.28	23.19	24.50	
8		LOW	QPSK	22.26	22.16	22.05	23.50	
		MID	QPSK	22.40	22.30	22.37	23.50	
		HIGH	QPSK	22.25	22.10	22.10	23.50	
15		LOW	QPSK	22.30	22.33	22.07	23.50	
3		1	LOW	Q16	22.39	22.67	22.71	23.50
			MID	Q16	22.36	22.68	22.87	23.50
	HIGH		Q16	22.24	22.42	22.82	23.50	
	8	LOW	Q16	21.44	21.18	21.14	22.50	
		MID	Q16	21.41	21.21	21.34	22.50	
		HIGH	Q16	21.48	21.33	21.28	22.50	
	15	LOW	Q16	21.33	21.18	21.26	22.50	
	3	1	LOW	64QAM	21.45	21.69	21.82	22.50
			MID	64QAM	21.29	21.69	21.72	22.50
HIGH			64QAM	21.27	21.83	21.82	22.50	
8		LOW	64QAM	20.58	20.34	20.15	21.50	
		MID	64QAM	20.60	20.42	20.22	21.50	
		HIGH	64QAM	20.27	20.42	20.14	21.50	
15		LOW	64QAM	20.58	20.17	20.30	21.50	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.39	23.13	23.24	24.50
	MID		QPSK	23.23	23.17	23.02	24.50	
	HIGH		QPSK	23.35	23.26	23.19	24.50	
	12	LOW	QPSK	22.46	22.11	22.32	23.50	
		MID	QPSK	22.46	22.10	22.13	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
	25	LOW	QPSK	22.44	22.36	22.38	23.50	
	5	1	LOW	Q16	22.30	22.62	22.59	23.50
			MID	Q16	22.31	22.48	22.78	23.50
HIGH			Q16	22.24	22.76	22.63	23.50	
12		LOW	Q16	21.24	21.29	21.10	22.50	
		MID	Q16	21.54	21.14	21.19	22.50	
		HIGH	Q16	21.33	21.40	21.38	22.50	
25		LOW	Q16	21.48	21.16	21.30	22.50	
5		1	LOW	64QAM	21.26	21.62	21.65	22.50
			MID	64QAM	21.21	21.76	21.81	22.50
	HIGH		64QAM	21.23	21.52	21.64	22.50	
	12	LOW	64QAM	20.50	20.30	20.05	21.50	
		MID	64QAM	20.40	20.24	20.40	21.50	
		HIGH	64QAM	20.52	20.22	20.36	21.50	
	25	LOW	64QAM	20.44	20.21	20.18	21.50	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.30	23.34	23.05	24.50	
		MID	QPSK	23.42	23.08	23.21	24.50	
		HIGH	QPSK	23.49	22.98	23.23	24.50	
	25	LOW	QPSK	22.46	22.36	22.14	23.50	
		MID	QPSK	22.42	22.12	22.28	23.50	
		HIGH	QPSK	22.34	22.35	22.26	23.50	
	50	LOW	QPSK	22.28	22.15	22.21	23.50	
	10	1	LOW	Q16	22.44	22.51	22.50	23.50
			MID	Q16	22.25	22.68	22.75	23.50
HIGH			Q16	22.31	22.44	22.57	23.50	
25		LOW	Q16	21.48	21.29	21.18	22.50	
		MID	Q16	21.26	21.21	21.25	22.50	
		HIGH	Q16	21.56	21.35	21.13	22.50	
50		LOW	Q16	21.52	21.28	21.36	22.50	
10		1	LOW	64QAM	21.30	21.69	21.85	22.50
			MID	64QAM	21.12	21.54	21.65	22.50
	HIGH		64QAM	21.42	21.69	21.77	22.50	
	25	LOW	64QAM	20.54	20.23	20.15	21.50	
		MID	64QAM	20.44	20.26	20.36	21.50	
		HIGH	64QAM	20.54	20.36	20.32	21.50	
	50	LOW	64QAM	20.58	20.39	20.22	21.50	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.51	23.29	23.24	24.50
MID			QPSK	23.49	23.36	23.28	24.50	
HIGH			QPSK	23.54	23.26	23.28	24.50	
36		LOW	QPSK	22.48	22.38	22.30	23.50	
		MID	QPSK	22.51	22.37	22.35	23.50	
		HIGH	QPSK	22.50	22.37	22.37	23.50	
75		LOW	QPSK	22.48	22.40	22.34	23.50	
15		1	LOW	Q16	22.37	22.76	22.73	23.50
			MID	Q16	22.38	22.73	22.80	23.50
	HIGH		Q16	22.42	22.69	22.77	23.50	
	36	LOW	Q16	21.50	21.42	21.27	22.50	
		MID	Q16	21.50	21.40	21.34	22.50	
		HIGH	Q16	21.52	21.44	21.32	22.50	
	75	LOW	Q16	21.46	21.37	21.32	22.50	
	15	1	LOW	64QAM	21.41	21.71	21.78	22.50
			MID	64QAM	21.38	21.78	21.85	22.50
HIGH			64QAM	21.40	21.76	21.84	22.50	
36		LOW	64QAM	20.52	20.48	20.25	21.50	
		MID	64QAM	20.56	20.42	20.38	21.50	
		HIGH	64QAM	20.50	20.40	20.36	21.50	
75		LOW	64QAM	20.52	20.39	20.38	21.50	

LTE B26-Level1-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

LTE B26-Level2&3-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

LTE B26-Level4 (sensor off)-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

LTE B26-Level4 (sensor on 2)-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

LTE B26-Level5&6(sensor off)-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

LTE B26-Level5&6 (sensor on 2)-Ant.1								
Bandwidth	RB Size	RB offset	Modulation	26697	26865	27033	Tune-up power(dBm)	
1.4	1	LOW	QPSK	23.60	23.45	23.17	25.00	
		MID	QPSK	23.56	23.42	23.52	25.00	
		HIGH	QPSK	23.65	23.21	23.32	25.00	
	3	LOW	QPSK	23.62	23.24	23.41	25.00	
		MID	QPSK	23.40	23.42	23.49	25.00	
		HIGH	QPSK	23.65	23.33	23.18	25.00	
	6	LOW	QPSK	22.72	22.28	22.21	24.00	
	1.4	1	LOW	Q16	22.44	22.56	22.67	24.00
			MID	Q16	22.63	22.93	22.74	24.00
HIGH			Q16	22.36	22.63	22.64	24.00	
3		LOW	Q16	22.40	22.88	22.71	24.00	
		MID	Q16	22.31	22.86	22.90	24.00	
		HIGH	Q16	22.56	22.79	22.82	24.00	
6		LOW	Q16	21.40	21.51	21.13	23.00	
1.4		1	LOW	64QAM	21.60	21.68	21.85	23.00
			MID	64QAM	21.34	21.95	21.88	23.00
	HIGH		64QAM	21.43	21.66	21.83	23.00	
	3	LOW	64QAM	21.56	21.68	21.71	23.00	
		MID	64QAM	21.62	21.82	21.75	23.00	
		HIGH	64QAM	21.33	21.57	21.98	23.00	
	6	LOW	64QAM	20.41	20.53	20.23	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26705	26865	27025	Tune-up power(dBm)
	3	1	LOW	QPSK	23.48	23.29	23.41	25.00
MID			QPSK	23.33	23.37	23.33	25.00	
HIGH			QPSK	23.72	23.45	23.43	25.00	
8		LOW	QPSK	22.65	22.32	22.30	24.00	
		MID	QPSK	22.56	22.36	22.46	24.00	
		HIGH	QPSK	22.35	22.47	22.51	24.00	
15		LOW	QPSK	22.65	22.60	22.21	24.00	
3		1	LOW	Q16	22.28	22.60	22.69	24.00
			MID	Q16	22.42	22.89	22.71	24.00
	HIGH		Q16	22.36	22.68	22.75	24.00	
	8	LOW	Q16	21.65	21.43	21.39	23.00	
		MID	Q16	21.36	21.59	21.31	23.00	
		HIGH	Q16	21.44	21.39	21.19	23.00	
	15	LOW	Q16	21.42	21.40	21.15	23.00	
	3	1	LOW	64QAM	21.56	21.75	21.69	23.00
			MID	64QAM	21.34	21.73	21.70	23.00
HIGH			64QAM	21.37	21.57	21.94	23.00	
8		LOW	64QAM	20.55	20.36	20.17	22.00	
		MID	64QAM	20.68	20.41	20.10	22.00	
		HIGH	64QAM	20.61	20.31	20.32	22.00	
15		LOW	64QAM	20.56	20.43	20.19	22.00	
Bandwidth		RB Size	RB offset	Modulation	26715	26865	27015	Tune-up power(dBm)
5		1	LOW	QPSK	23.55	23.41	23.17	25.00
	MID		QPSK	23.37	23.30	23.38	25.00	
	HIGH		QPSK	23.69	23.12	23.29	25.00	
	12	LOW	QPSK	22.33	22.50	22.48	24.00	
		MID	QPSK	22.58	22.18	22.46	24.00	
		HIGH	QPSK	22.46	22.29	22.43	24.00	
	25	LOW	QPSK	22.54	22.42	22.16	24.00	
	5	1	LOW	Q16	22.51	22.90	22.78	24.00
			MID	Q16	22.65	22.64	22.92	24.00
HIGH			Q16	22.29	22.68	22.75	24.00	
12		LOW	Q16	21.41	21.50	21.28	23.00	
		MID	Q16	21.68	21.31	21.38	23.00	
		HIGH	Q16	21.44	21.28	21.34	23.00	
25		LOW	Q16	21.58	21.27	21.28	23.00	
5		1	LOW	64QAM	21.62	21.73	21.69	23.00
			MID	64QAM	21.52	21.80	21.83	23.00
	HIGH		64QAM	21.33	21.72	21.96	23.00	
	12	LOW	64QAM	20.42	20.36	20.45	22.00	
		MID	64QAM	20.52	20.61	20.14	22.00	
		HIGH	64QAM	20.51	20.46	20.16	22.00	
	25	LOW	64QAM	20.39	20.37	20.37	22.00	

Bandwidth	RB Size	RB offset	Modulation	26740	26865	26990	Tune-up power(dBm)	
10	1	LOW	QPSK	23.62	23.27	23.27	25.00	
		MID	QPSK	23.54	23.33	23.54	25.00	
		HIGH	QPSK	23.60	23.19	23.20	25.00	
	25	LOW	QPSK	22.35	22.55	22.43	24.00	
		MID	QPSK	22.54	22.18	22.37	24.00	
		HIGH	QPSK	22.51	22.40	22.51	24.00	
	50	LOW	QPSK	22.42	22.28	22.32	24.00	
	10	1	LOW	Q16	22.49	22.76	22.83	24.00
			MID	Q16	22.63	22.86	22.78	24.00
HIGH			Q16	22.59	22.74	22.78	24.00	
25		LOW	Q16	21.57	21.56	21.28	23.00	
		MID	Q16	21.51	21.47	21.31	23.00	
		HIGH	Q16	21.63	21.52	21.29	23.00	
50		LOW	Q16	21.64	21.38	21.28	23.00	
10		1	LOW	64QAM	21.54	21.92	21.54	23.00
			MID	64QAM	21.64	21.91	21.94	23.00
	HIGH		64QAM	21.54	21.59	21.68	23.00	
	25	LOW	64QAM	20.61	20.54	20.17	22.00	
		MID	64QAM	20.64	20.47	20.18	22.00	
		HIGH	64QAM	20.51	20.58	20.38	22.00	
	50	LOW	64QAM	20.62	20.57	20.39	22.00	
	Bandwidth	RB Size	RB offset	Modulation	26765	26865	26965	Tune-up power(dBm)
	15	1	LOW	QPSK	23.60	23.43	23.36	25.00
MID			QPSK	23.61	23.49	23.47	25.00	
HIGH			QPSK	23.67	23.40	23.41	25.00	
36		LOW	QPSK	22.60	22.48	22.41	24.00	
		MID	QPSK	22.63	22.45	22.44	24.00	
		HIGH	QPSK	22.62	22.49	22.47	24.00	
75		LOW	QPSK	22.65	22.53	22.43	24.00	
15		1	LOW	Q16	22.51	22.83	22.85	24.00
			MID	Q16	22.58	22.91	22.85	24.00
	HIGH		Q16	22.54	22.79	22.89	24.00	
	36	LOW	Q16	21.63	21.54	21.37	23.00	
		MID	Q16	21.62	21.53	21.40	23.00	
		HIGH	Q16	21.63	21.52	21.38	23.00	
	75	LOW	Q16	21.64	21.51	21.39	23.00	
	15	1	LOW	64QAM	21.58	21.88	21.78	23.00
			MID	64QAM	21.58	21.91	21.90	23.00
HIGH			64QAM	21.52	21.79	21.94	23.00	
36		LOW	64QAM	20.63	20.48	20.39	22.00	
		MID	64QAM	20.66	20.57	20.34	22.00	
		HIGH	64QAM	20.61	20.52	20.32	22.00	
75		LOW	64QAM	20.60	20.51	20.37	22.00	

8.3.8 LTE Band66 Output Power

LTE B66-Level1-Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)	
1.4	1	LOW	QPSK	16.52	16.51	16.44	17.70	
		MID	QPSK	16.49	16.60	16.51	17.70	
		HIGH	QPSK	16.46	16.60	16.46	17.70	
	3	LOW	QPSK	16.56	16.54	16.64	17.70	
		MID	QPSK	16.64	16.72	16.58	17.70	
		HIGH	QPSK	16.73	16.76	16.72	17.70	
	6	LOW	QPSK	16.70	16.66	16.55	17.70	
	1.4	1	LOW	Q16	16.70	16.63	16.67	17.70
			MID	Q16	16.73	16.83	16.60	17.70
HIGH			Q16	16.79	16.80	16.62	17.70	
3		LOW	Q16	16.54	16.53	16.57	17.70	
		MID	Q16	16.71	16.72	16.62	17.70	
		HIGH	Q16	16.61	16.77	16.66	17.70	
6		LOW	Q16	16.72	16.56	16.72	17.70	
1.4		1	LOW	64QAM	16.77	16.64	16.53	17.70
			MID	64QAM	16.86	16.94	16.75	17.70
	HIGH		64QAM	16.71	16.90	16.59	17.70	
	3	LOW	64QAM	16.54	16.65	16.60	17.70	
		MID	64QAM	16.55	16.55	16.71	17.70	
		HIGH	64QAM	16.58	16.77	16.59	17.70	
	6	LOW	64QAM	16.63	16.64	16.63	17.70	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
	3	1	LOW	QPSK	16.31	16.61	16.32	17.70
MID			QPSK	16.67	16.72	16.54	17.70	
HIGH			QPSK	16.62	16.75	16.53	17.70	
8		LOW	QPSK	16.38	16.64	16.69	17.70	
		MID	QPSK	16.62	16.67	16.55	17.70	
		HIGH	QPSK	16.60	16.60	16.65	17.70	
15		LOW	QPSK	16.45	16.61	16.63	17.70	
3		1	LOW	Q16	16.60	16.74	16.70	17.70
			MID	Q16	16.85	16.85	16.73	17.70
	HIGH		Q16	16.74	16.87	16.67	17.70	
	8	LOW	Q16	16.63	16.57	16.62	17.70	
		MID	Q16	16.51	16.60	16.82	17.70	
		HIGH	Q16	16.73	16.66	16.57	17.70	
	15	LOW	Q16	16.55	16.61	16.74	17.70	
	3	1	LOW	64QAM	16.75	16.64	16.60	17.70
			MID	64QAM	16.83	16.87	16.77	17.70
HIGH			64QAM	16.84	16.74	16.53	17.70	
8		LOW	64QAM	16.51	16.63	16.54	17.70	
		MID	64QAM	16.63	16.55	16.69	17.70	
		HIGH	64QAM	16.68	16.54	16.59	17.70	
15		LOW	64QAM	16.62	16.64	16.59	17.70	
Bandwidth (MHz)		RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5		1	LOW	QPSK	16.46	16.55	16.39	17.70
	MID		QPSK	16.62	16.82	16.71	17.70	
	HIGH		QPSK	16.66	16.52	16.53	17.70	
	12	LOW	QPSK	16.51	16.66	16.51	17.70	
		MID	QPSK	16.55	16.77	16.77	17.70	
		HIGH	QPSK	16.73	16.53	16.73	17.70	
	25	LOW	QPSK	16.70	16.49	16.51	17.70	
	5	1	LOW	Q16	16.74	16.63	16.65	17.70
			MID	Q16	16.91	16.90	16.72	17.70
HIGH			Q16	16.72	16.82	16.54	17.70	
12		LOW	Q16	16.63	16.65	16.50	17.70	
		MID	Q16	16.76	16.65	16.75	17.70	
		HIGH	Q16	16.73	16.74	16.61	17.70	
25		LOW	Q16	16.60	16.59	16.59	17.70	
5		1	LOW	64QAM	16.70	16.72	16.63	17.70
			MID	64QAM	16.79	16.75	16.78	17.70
	HIGH		64QAM	16.81	16.74	16.61	17.70	
	12	LOW	64QAM	16.41	16.55	16.67	17.70	
		MID	64QAM	16.66	16.75	16.62	17.70	
		HIGH	64QAM	16.71	16.59	16.66	17.70	
	25	LOW	64QAM	16.52	16.61	16.48	17.70	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	16.39	16.60	16.57	17.70	
		MID	QPSK	16.61	16.59	16.61	17.70	
		HIGH	QPSK	16.49	16.59	16.41	17.70	
	25	LOW	QPSK	16.38	16.66	16.51	17.70	
		MID	QPSK	16.77	16.73	16.72	17.70	
		HIGH	QPSK	16.51	16.71	16.60	17.70	
	50	LOW	QPSK	16.58	16.74	16.71	17.70	
	10	1	LOW	Q16	16.74	16.63	16.49	17.70
			MID	Q16	16.78	16.80	16.77	17.70
HIGH			Q16	16.82	16.87	16.69	17.70	
25		LOW	Q16	16.56	16.58	16.62	17.70	
		MID	Q16	16.73	16.80	16.72	17.70	
		HIGH	Q16	16.50	16.71	16.59	17.70	
50		LOW	Q16	16.52	16.54	16.49	17.70	
10		1	LOW	64QAM	16.75	16.71	16.55	17.70
			MID	64QAM	16.86	16.84	16.75	17.70
	HIGH		64QAM	16.61	16.77	16.53	17.70	
	25	LOW	64QAM	16.57	16.45	16.69	17.70	
		MID	64QAM	16.60	16.73	16.64	17.70	
		HIGH	64QAM	16.70	16.56	16.69	17.70	
	50	LOW	64QAM	16.58	16.81	16.53	17.70	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
	15	1	LOW	QPSK	16.50	16.55	16.44	17.70
MID			QPSK	16.54	16.65	16.66	17.70	
HIGH			QPSK	16.48	16.66	16.43	17.70	
36		LOW	QPSK	16.61	16.52	16.80	17.70	
		MID	QPSK	16.73	16.72	16.56	17.70	
		HIGH	QPSK	16.68	16.91	16.76	17.70	
75		LOW	QPSK	16.67	16.81	16.62	17.70	
15		1	LOW	Q16	16.67	16.73	16.83	17.70
			MID	Q16	16.83	16.89	16.65	17.70
	HIGH		Q16	16.86	16.87	16.72	17.70	
	36	LOW	Q16	16.57	16.56	16.62	17.70	
		MID	Q16	16.70	16.74	16.67	17.70	
		HIGH	Q16	16.56	16.89	16.67	17.70	
	75	LOW	Q16	16.77	16.66	16.70	17.70	
	15	1	LOW	64QAM	16.90	16.77	16.54	17.70
			MID	64QAM	16.92	16.89	16.78	17.70
HIGH			64QAM	16.79	16.97	16.67	17.70	
36		LOW	64QAM	16.67	16.65	16.68	17.70	
		MID	64QAM	16.64	16.65	16.86	17.70	
		HIGH	64QAM	16.73	16.93	16.58	17.70	
75		LOW	64QAM	16.68	16.74	16.57	17.70	
Bandwidth (MHz)		RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20		1	LOW	QPSK	16.49	16.58	16.52	17.70
	MID		QPSK	16.64	16.77	16.66	17.70	
	HIGH		QPSK	16.64	16.72	16.56	17.70	
	50	LOW	QPSK	16.56	16.66	16.71	17.70	
		MID	QPSK	16.72	16.75	16.75	17.70	
		HIGH	QPSK	16.68	16.73	16.70	17.70	
	100	LOW	QPSK	16.65	16.69	16.68	17.70	
	20	1	LOW	Q16	16.77	16.76	16.67	17.70
			MID	Q16	16.88	16.95	16.80	17.70
HIGH			Q16	16.84	16.87	16.69	17.70	
50		LOW	Q16	16.61	16.65	16.70	17.70	
		MID	Q16	16.71	16.75	16.77	17.70	
		HIGH	Q16	16.68	16.74	16.69	17.70	
100		LOW	Q16	16.67	16.71	16.69	17.70	
20		1	LOW	64QAM	16.77	16.79	16.65	17.70
			MID	64QAM	16.93	16.92	16.75	17.70
	HIGH		64QAM	16.81	16.87	16.71	17.70	
	50	LOW	64QAM	16.59	16.60	16.67	17.70	
		MID	64QAM	16.68	16.75	16.74	17.70	
		HIGH	64QAM	16.73	16.74	16.66	17.70	
	100	LOW	64QAM	16.65	16.76	16.66	17.70	

LTE B66-Level2&3-Ant.3

Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	15.79	16.03	16.06	17.20
		MID	QPSK	16.11	16.31	16.10	17.20
		HIGH	QPSK	16.16	16.22	15.97	17.20
	3	LOW	QPSK	15.97	16.23	16.24	17.20
		MID	QPSK	16.22	16.25	16.11	17.20
		HIGH	QPSK	16.04	16.29	16.13	17.20
6	LOW	QPSK	16.00	16.07	16.07	17.20	
1.4	1	LOW	Q16	16.09	16.35	16.03	17.20
		MID	Q16	16.27	16.43	16.27	17.20
		HIGH	Q16	16.34	16.29	16.18	17.20
	3	LOW	Q16	16.03	16.28	16.15	17.20
		MID	Q16	16.19	16.09	16.18	17.20
		HIGH	Q16	16.17	16.31	16.23	17.20
6	LOW	Q16	16.19	16.25	16.10	17.20	
1.4	1	LOW	64QAM	16.11	16.32	16.00	17.20
		MID	64QAM	16.22	16.43	16.27	17.20
		HIGH	64QAM	16.28	16.45	16.11	17.20
	3	LOW	64QAM	16.15	16.22	16.17	17.20
		MID	64QAM	16.18	16.21	16.05	17.20
		HIGH	64QAM	16.12	16.32	16.20	17.20
6	LOW	64QAM	16.08	16.11	16.25	17.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	15.90	15.97	16.19	17.20
		MID	QPSK	16.05	16.31	16.17	17.20
		HIGH	QPSK	16.17	16.30	15.92	17.20
	8	LOW	QPSK	15.99	16.18	16.16	17.20
		MID	QPSK	16.24	16.29	16.19	17.20
		HIGH	QPSK	16.16	16.21	16.22	17.20
15	LOW	QPSK	16.17	16.05	16.05	17.20	
3	1	LOW	Q16	16.14	16.28	16.15	17.20
		MID	Q16	16.26	16.24	16.30	17.20
		HIGH	Q16	16.22	16.38	16.32	17.20
	8	LOW	Q16	15.95	16.11	16.12	17.20
		MID	Q16	16.19	16.19	16.11	17.20
		HIGH	Q16	16.26	16.22	16.14	17.20
15	LOW	Q16	16.15	16.24	16.27	17.20	
3	1	LOW	64QAM	16.23	16.35	16.14	17.20
		MID	64QAM	16.38	16.47	16.38	17.20
		HIGH	64QAM	16.39	16.42	16.20	17.20
	8	LOW	64QAM	15.98	16.01	16.19	17.20
		MID	64QAM	16.16	16.30	16.21	17.20
		HIGH	64QAM	16.25	16.13	16.24	17.20
15	LOW	64QAM	16.07	16.12	16.24	17.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	15.81	15.92	16.08	17.20
		MID	QPSK	16.06	16.10	16.25	17.20
		HIGH	QPSK	16.07	16.22	16.18	17.20
	12	LOW	QPSK	15.95	15.99	16.11	17.20
		MID	QPSK	16.12	16.32	16.30	17.20
		HIGH	QPSK	16.05	16.28	16.26	17.20
25	LOW	QPSK	16.08	16.24	16.04	17.20	
5	1	LOW	Q16	16.24	16.33	16.24	17.20
		MID	Q16	16.33	16.25	16.30	17.20
		HIGH	Q16	16.39	16.41	16.29	17.20
	12	LOW	Q16	16.02	16.00	16.25	17.20
		MID	Q16	16.22	16.19	16.12	17.20
		HIGH	Q16	16.30	16.19	16.20	17.20
25	LOW	Q16	16.03	16.22	16.18	17.20	
5	1	LOW	64QAM	16.13	16.20	16.22	17.20
		MID	64QAM	16.42	16.35	16.11	17.20
		HIGH	64QAM	16.28	16.37	16.23	17.20
	12	LOW	64QAM	16.08	16.09	16.19	17.20
		MID	64QAM	16.31	16.32	16.15	17.20
		HIGH	64QAM	16.04	16.25	16.11	17.20
25	LOW	64QAM	16.14	16.03	16.08	17.20	

Bandwidth (	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	15.92	15.92	15.87	17.20	
		MID	QPSK	16.21	16.06	16.19	17.20	
		HIGH	QPSK	16.12	16.25	15.97	17.20	
	25	LOW	QPSK	16.09	16.14	16.22	17.20	
		MID	QPSK	16.20	16.28	16.14	17.20	
		HIGH	QPSK	16.13	16.25	16.14	17.20	
	50	LOW	QPSK	16.00	16.19	16.02	17.20	
	10	1	LOW	Q16	16.28	16.13	16.04	17.20
			MID	Q16	16.21	16.27	16.33	17.20
HIGH			Q16	16.39	16.21	16.08	17.20	
25		LOW	Q16	15.96	16.02	16.13	17.20	
		MID	Q16	16.03	16.22	16.24	17.20	
		HIGH	Q16	16.22	16.32	16.11	17.20	
50		LOW	Q16	16.14	16.06	16.15	17.20	
10		1	LOW	64QAM	16.18	16.17	16.12	17.20
			MID	64QAM	16.20	16.29	16.27	17.20
	HIGH		64QAM	16.27	16.24	16.13	17.20	
	25	LOW	64QAM	16.10	16.01	16.11	17.20	
		MID	64QAM	16.27	16.32	16.16	17.20	
		HIGH	64QAM	16.04	16.21	16.01	17.20	
	50	LOW	64QAM	16.20	16.06	16.10	17.20	
	Bandwidth (RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
	15	1	LOW	QPSK	16.03	16.04	16.01	17.20
MID			QPSK	16.15	16.25	16.04	17.20	
HIGH			QPSK	16.03	16.30	16.05	17.20	
36		LOW	QPSK	16.14	16.16	16.24	17.20	
		MID	QPSK	16.25	16.33	16.16	17.20	
		HIGH	QPSK	16.22	16.25	16.20	17.20	
75		LOW	QPSK	16.13	16.29	16.13	17.20	
15		1	LOW	Q16	16.05	16.19	16.06	17.20
			MID	Q16	16.30	16.57	16.27	17.20
	HIGH		Q16	16.39	16.37	16.19	17.20	
	36	LOW	Q16	16.04	16.19	16.24	17.20	
		MID	Q16	16.07	16.16	16.29	17.20	
		HIGH	Q16	16.24	16.32	16.23	17.20	
	75	LOW	Q16	16.09	16.10	16.17	17.20	
	15	1	LOW	64QAM	16.21	16.35	16.25	17.20
			MID	64QAM	16.48	16.52	16.13	17.20
HIGH			64QAM	16.24	16.45	16.17	17.20	
36		LOW	64QAM	16.12	16.12	16.36	17.20	
		MID	64QAM	16.34	16.37	16.09	17.20	
		HIGH	64QAM	16.19	16.30	16.01	17.20	
75		LOW	64QAM	16.06	16.18	16.15	17.20	
Bandwidth (RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20		1	LOW	QPSK	15.98	16.08	16.06	17.20
	MID		QPSK	16.16	16.26	16.17	17.20	
	HIGH		QPSK	16.14	16.22	16.10	17.20	
	50	LOW	QPSK	16.07	16.16	16.24	17.20	
		MID	QPSK	16.17	16.26	16.22	17.20	
		HIGH	QPSK	16.15	16.25	16.24	17.20	
	100	LOW	QPSK	16.15	16.24	16.21	17.20	
	20	1	LOW	Q16	16.25	16.28	16.17	17.20
			MID	Q16	16.37	16.45	16.30	17.20
HIGH			Q16	16.34	16.39	16.24	17.20	
50		LOW	Q16	16.10	16.17	16.19	17.20	
		MID	Q16	16.22	16.27	16.22	17.20	
		HIGH	Q16	16.20	16.27	16.17	17.20	
100		LOW	Q16	16.19	16.21	16.20	17.20	
20		1	LOW	64QAM	16.28	16.30	16.22	17.20
			MID	64QAM	16.40	16.45	16.30	17.20
	HIGH		64QAM	16.29	16.37	16.19	17.20	
	50	LOW	64QAM	16.12	16.17	16.24	17.20	
		MID	64QAM	16.24	16.32	16.27	17.20	
		HIGH	64QAM	16.17	16.32	16.19	17.20	
	100	LOW	64QAM	16.22	16.16	16.20	17.20	

LTE B66-Level4-Ant.3							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.99	21.09	21.07	21.70
		MID	QPSK	20.76	21.06	20.80	21.70
		HIGH	QPSK	20.95	20.80	20.75	21.70
	3	LOW	QPSK	20.98	21.22	21.13	21.70
		MID	QPSK	20.94	21.07	20.99	21.70
		HIGH	QPSK	21.02	20.98	21.00	21.70
6	LOW	QPSK	21.02	21.07	21.09	21.70	
1.4	1	LOW	Q16	21.46	21.29	21.36	21.70
		MID	Q16	21.11	21.26	21.13	21.70
		HIGH	Q16	21.05	21.21	21.00	21.70
	3	LOW	Q16	20.69	21.01	21.04	21.70
		MID	Q16	20.95	21.14	21.17	21.70
		HIGH	Q16	20.95	21.18	21.00	21.70
6	LOW	Q16	21.05	21.00	21.02	21.20	
1.4	1	LOW	64QAM	20.38	20.24	20.16	21.20
		MID	64QAM	20.34	20.41	20.25	21.20
		HIGH	64QAM	20.35	20.31	20.13	21.20
	3	LOW	64QAM	20.24	20.18	20.18	21.20
		MID	64QAM	20.40	20.39	20.45	21.20
		HIGH	64QAM	20.21	20.29	20.35	21.20
6	LOW	64QAM	19.23	19.36	19.20	20.20	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.07	21.05	20.82	21.70
		MID	QPSK	20.84	21.10	20.78	21.70
		HIGH	QPSK	21.18	20.88	20.71	21.70
	8	LOW	QPSK	20.90	21.27	21.02	21.70
		MID	QPSK	21.06	21.37	20.99	21.70
		HIGH	QPSK	20.85	21.23	21.19	21.70
15	LOW	QPSK	21.06	21.26	21.30	21.70	
3	1	LOW	Q16	21.08	21.12	21.21	21.70
		MID	Q16	21.18	21.35	21.17	21.70
		HIGH	Q16	21.20	21.04	20.96	21.70
	8	LOW	Q16	20.75	21.04	20.97	21.20
		MID	Q16	20.95	20.87	21.06	21.20
		HIGH	Q16	20.80	21.03	21.03	21.20
15	LOW	Q16	20.80	20.99	20.89	21.20	
3	1	LOW	64QAM	20.32	20.30	20.10	21.20
		MID	64QAM	20.44	20.55	20.37	21.20
		HIGH	64QAM	20.35	20.51	20.19	21.20
	8	LOW	64QAM	19.14	19.29	19.06	20.20
		MID	64QAM	19.09	19.22	19.40	20.20
		HIGH	64QAM	19.29	19.13	19.25	20.20
15	LOW	64QAM	19.27	19.34	19.26	20.20	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.97	20.86	20.84	21.70
		MID	QPSK	20.84	21.16	20.99	21.70
		HIGH	QPSK	20.97	20.92	20.92	21.70
	12	LOW	QPSK	20.96	21.16	21.17	21.70
		MID	QPSK	20.87	21.37	21.01	21.70
		HIGH	QPSK	20.94	21.28	21.19	21.70
25	LOW	QPSK	20.85	20.92	21.22	21.70	
5	1	LOW	Q16	21.10	20.91	21.04	21.70
		MID	Q16	21.11	21.39	21.28	21.70
		HIGH	Q16	21.31	21.17	20.90	21.70
	12	LOW	Q16	20.71	21.03	20.97	21.20
		MID	Q16	21.06	21.08	20.91	21.20
		HIGH	Q16	20.86	20.97	21.10	21.20
25	LOW	Q16	20.95	20.91	21.08	21.20	
5	1	LOW	64QAM	20.10	20.36	20.28	21.20
		MID	64QAM	20.23	20.43	20.47	21.20
		HIGH	64QAM	20.35	20.19	20.27	21.20
	12	LOW	64QAM	19.12	19.10	19.22	20.20
		MID	64QAM	19.12	19.11	19.34	20.20
		HIGH	64QAM	19.33	19.38	19.23	20.20
25	LOW	64QAM	19.04	19.30	18.95	20.20	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	21.09	20.88	20.93	21.70	
		MID	QPSK	20.76	21.06	20.89	21.70	
		HIGH	QPSK	21.03	20.90	21.00	21.70	
	25	LOW	QPSK	20.85	20.97	20.98	21.70	
		MID	QPSK	21.00	21.17	21.07	21.70	
		HIGH	QPSK	21.04	21.00	20.98	21.70	
	50	LOW	QPSK	20.85	20.96	21.28	21.70	
	10	1	LOW	Q16	21.44	21.31	21.27	21.70
			MID	Q16	21.13	21.39	21.21	21.70
HIGH			Q16	21.33	21.30	20.98	21.70	
25		LOW	Q16	21.02	21.19	21.10	21.20	
		MID	Q16	21.08	20.95	20.87	21.20	
		HIGH	Q16	20.95	21.16	21.10	21.20	
50		LOW	Q16	21.03	21.02	21.19	21.20	
10		1	LOW	64QAM	20.18	20.24	20.20	21.20
			MID	64QAM	20.34	20.29	20.29	21.20
	HIGH		64QAM	20.13	20.43	20.17	21.20	
	25	LOW	64QAM	19.10	19.33	19.24	20.20	
		MID	64QAM	19.09	19.12	19.28	20.20	
		HIGH	64QAM	19.10	19.13	19.25	20.20	
	50	LOW	64QAM	19.25	19.28	19.01	20.20	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
	15	1	LOW	QPSK	21.03	21.01	20.76	21.70
MID			QPSK	20.99	21.23	20.91	21.70	
HIGH			QPSK	20.93	21.11	20.75	21.70	
36		LOW	QPSK	21.04	21.24	21.19	21.70	
		MID	QPSK	21.00	21.24	21.26	21.70	
		HIGH	QPSK	20.85	21.28	21.11	21.70	
75		LOW	QPSK	20.91	21.15	21.22	21.70	
15		1	LOW	Q16	21.14	21.21	21.10	21.70
			MID	Q16	20.98	21.24	21.22	21.70
	HIGH		Q16	21.23	21.15	21.20	21.70	
	36	LOW	Q16	20.75	21.06	21.16	21.20	
		MID	Q16	20.89	20.95	21.14	21.20	
		HIGH	Q16	21.07	21.04	21.00	21.20	
	75	LOW	Q16	20.99	21.03	20.89	21.20	
	15	1	LOW	64QAM	20.34	20.34	20.22	21.20
			MID	64QAM	20.44	20.55	20.41	21.20
HIGH			64QAM	20.23	20.35	20.23	21.20	
36		LOW	64QAM	19.01	19.06	19.06	20.20	
		MID	64QAM	19.12	19.26	19.34	20.20	
		HIGH	64QAM	19.37	19.38	19.00	20.20	
75		LOW	64QAM	19.21	19.22	19.10	20.20	
Bandwidth (MHz)		RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20		1	LOW	QPSK	21.01	21.03	20.97	21.70
	MID		QPSK	20.97	21.12	20.99	21.70	
	HIGH		QPSK	21.16	21.03	20.94	21.70	
	50	LOW	QPSK	20.98	21.16	21.13	21.70	
		MID	QPSK	21.02	21.28	21.18	21.70	
		HIGH	QPSK	21.00	21.17	21.15	21.70	
	100	LOW	QPSK	21.06	21.15	21.22	21.70	
	20	1	LOW	Q16	21.40	21.40	21.40	21.70
			MID	Q16	21.22	21.37	21.37	21.70
HIGH			Q16	21.59	21.49	21.39	21.70	
50		LOW	Q16	20.92	21.19	21.12	21.20	
		MID	Q16	21.06	21.08	21.06	21.20	
		HIGH	Q16	21.03	21.18	21.19	21.20	
100		LOW	Q16	21.03	21.14	21.08	21.20	
20		1	LOW	64QAM	20.32	20.28	20.22	21.20
			MID	64QAM	20.46	20.49	20.43	21.20
	HIGH		64QAM	20.35	20.41	20.29	21.20	
	50	LOW	64QAM	19.12	19.25	19.16	20.20	
		MID	64QAM	19.22	19.24	19.32	20.20	
		HIGH	64QAM	19.29	19.32	19.15	20.20	
	100	LOW	64QAM	19.21	19.26	19.16	20.20	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.02	19.91	20.06	21.20
		MID	QPSK	20.17	20.08	20.07	21.20
		HIGH	QPSK	19.96	20.15	20.19	21.20
	3	LOW	QPSK	20.02	20.08	20.13	21.20
		MID	QPSK	20.03	20.34	20.29	21.20
		HIGH	QPSK	20.16	20.29	20.12	21.20
6	LOW	QPSK	19.99	20.26	20.32	21.20	
1.4	1	LOW	Q16	20.12	20.20	20.15	21.20
		MID	Q16	20.32	20.40	20.26	21.20
		HIGH	Q16	20.25	20.19	20.29	21.20
	3	LOW	Q16	19.98	20.16	20.26	21.20
		MID	Q16	20.02	20.30	20.06	21.20
		HIGH	Q16	19.94	20.16	20.01	21.20
6	LOW	Q16	19.94	20.05	20.23	21.20	
1.4	1	LOW	64QAM	20.20	20.10	20.17	21.20
		MID	64QAM	20.20	20.26	20.34	21.20
		HIGH	64QAM	20.13	20.47	20.31	21.20
	3	LOW	64QAM	20.16	20.14	20.33	21.20
		MID	64QAM	20.10	20.48	20.46	21.20
		HIGH	64QAM	20.25	20.37	20.05	21.20
6	LOW	64QAM	19.18	19.31	19.15	20.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	20.04	20.03	20.08	21.20
		MID	QPSK	20.05	20.26	20.35	21.20
		HIGH	QPSK	19.90	20.07	19.99	21.20
	8	LOW	QPSK	20.00	20.20	20.09	21.20
		MID	QPSK	20.05	20.10	20.15	21.20
		HIGH	QPSK	19.98	20.17	20.12	21.20
15	LOW	QPSK	19.99	20.08	20.18	21.20	
3	1	LOW	Q16	20.16	20.30	20.11	21.20
		MID	Q16	20.16	20.48	20.42	21.20
		HIGH	Q16	20.23	20.17	20.31	21.20
	8	LOW	Q16	19.82	20.04	20.32	21.20
		MID	Q16	20.02	20.36	20.24	21.20
		HIGH	Q16	20.22	20.06	20.01	21.20
15	LOW	Q16	20.22	20.31	20.23	21.20	
3	1	LOW	64QAM	20.16	20.08	20.39	21.20
		MID	64QAM	20.28	20.19	20.40	21.20
		HIGH	64QAM	20.19	20.23	20.19	21.20
	8	LOW	64QAM	19.10	19.12	19.34	20.20
		MID	64QAM	19.05	19.32	19.17	20.20
		HIGH	64QAM	19.08	19.20	19.11	20.20
15	LOW	64QAM	19.02	19.27	19.07	20.20	
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	19.82	20.07	20.18	21.20
		MID	QPSK	20.13	20.30	20.35	21.20
		HIGH	QPSK	20.04	20.23	20.13	21.20
	12	LOW	QPSK	20.10	20.04	20.15	21.20
		MID	QPSK	20.21	20.08	20.31	21.20
		HIGH	QPSK	19.96	20.09	20.28	21.20
25	LOW	QPSK	20.11	20.02	20.08	21.20	
5	1	LOW	Q16	20.00	20.20	20.29	21.20
		MID	Q16	20.16	20.21	20.48	21.20
		HIGH	Q16	20.27	20.29	20.13	21.20
	12	LOW	Q16	19.82	20.12	20.04	21.20
		MID	Q16	20.24	20.08	20.28	21.20
		HIGH	Q16	20.16	20.18	20.11	21.20
25	LOW	Q16	20.08	20.33	20.25	21.20	
5	1	LOW	64QAM	20.00	20.12	20.39	21.20
		MID	64QAM	20.30	20.34	20.22	21.20
		HIGH	64QAM	20.25	20.31	20.35	21.20
	12	LOW	64QAM	19.01	19.08	19.20	20.20
		MID	64QAM	18.99	19.16	19.19	20.20
		HIGH	64QAM	19.01	19.24	19.11	20.20
25	LOW	64QAM	19.04	19.19	19.05	20.20	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)	
10	1	LOW	QPSK	19.96	19.99	20.14	21.20	
		MID	QPSK	20.01	20.12	20.09	21.20	
		HIGH	QPSK	19.92	20.15	20.17	21.20	
	25	LOW	QPSK	20.08	20.22	20.31	21.20	
		MID	QPSK	20.03	20.14	20.31	21.20	
		HIGH	QPSK	20.04	20.07	20.24	21.20	
	50	LOW	QPSK	20.25	20.06	20.06	21.20	
	10	1	LOW	Q16	19.98	20.04	20.09	21.20
			MID	Q16	20.18	20.44	20.48	21.20
HIGH			Q16	20.13	20.35	20.07	21.20	
25		LOW	Q16	20.06	20.02	20.22	21.20	
		MID	Q16	20.24	20.24	20.10	21.20	
		HIGH	Q16	20.02	20.10	20.13	21.20	
50		LOW	Q16	19.98	20.05	20.07	21.20	
10		1	LOW	64QAM	19.90	20.06	20.31	21.20
			MID	64QAM	20.10	20.34	20.28	21.20
	HIGH		64QAM	20.15	20.41	20.19	21.20	
	25	LOW	64QAM	18.93	19.20	19.22	20.20	
		MID	64QAM	19.03	19.34	19.28	20.20	
		HIGH	64QAM	19.26	19.01	19.02	20.20	
	50	LOW	64QAM	19.10	19.21	19.19	20.20	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
	15	1	LOW	QPSK	19.92	20.07	19.98	21.20
MID			QPSK	20.03	20.32	20.15	21.20	
HIGH			QPSK	20.12	20.25	20.13	21.20	
36		LOW	QPSK	19.92	20.18	20.07	21.20	
		MID	QPSK	20.13	20.06	20.23	21.20	
		HIGH	QPSK	20.00	20.11	20.22	21.20	
75		LOW	QPSK	20.11	20.00	20.08	21.20	
15		1	LOW	Q16	20.10	20.26	20.31	21.20
			MID	Q16	20.36	20.21	20.44	21.20
	HIGH		Q16	20.03	20.17	20.27	21.20	
	36	LOW	Q16	20.04	20.18	20.08	21.20	
		MID	Q16	20.18	20.22	20.12	21.20	
		HIGH	Q16	20.16	20.04	20.13	21.20	
	75	LOW	Q16	20.00	20.19	20.01	21.20	
	15	1	LOW	64QAM	19.94	20.14	20.31	21.20
			MID	64QAM	20.32	20.19	20.22	21.20
HIGH			64QAM	20.17	20.20	20.19	21.20	
36		LOW	64QAM	19.06	19.04	19.22	20.20	
		MID	64QAM	19.06	19.15	19.26	20.20	
		HIGH	64QAM	19.08	19.18	19.06	20.20	
75		LOW	64QAM	19.16	19.10	19.02	20.20	
Bandwidth (MHz)		RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20		1	LOW	QPSK	19.98	20.07	20.14	21.20
	MID		QPSK	20.13	20.28	20.29	21.20	
	HIGH		QPSK	20.12	20.21	20.21	21.20	
	50	LOW	QPSK	20.10	20.18	20.25	21.20	
		MID	QPSK	20.23	20.30	20.29	21.20	
		HIGH	QPSK	20.18	20.29	20.24	21.20	
	100	LOW	QPSK	20.19	20.22	20.26	21.20	
	20	1	LOW	Q16	20.16	20.28	20.29	21.20
			MID	Q16	20.32	20.46	20.44	21.20
HIGH			Q16	20.25	20.39	20.31	21.20	
50		LOW	Q16	20.06	20.20	20.28	21.20	
		MID	Q16	20.20	20.30	20.28	21.20	
		HIGH	Q16	20.18	20.28	20.25	21.20	
100		LOW	Q16	20.18	20.27	20.21	21.20	
20		1	LOW	64QAM	20.14	20.24	20.35	21.20
			MID	64QAM	20.32	20.44	20.44	21.20
	HIGH		64QAM	20.21	20.45	20.29	21.20	
	50	LOW	64QAM	19.12	19.14	19.34	20.20	
		MID	64QAM	19.16	19.30	19.34	20.20	
		HIGH	64QAM	19.20	19.24	19.23	20.20	
	100	LOW	64QAM	19.12	19.29	19.17	20.20	

LTE B66-Level1-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.90	22.79	24.00
		MID	QPSK	23.02	22.98	23.01	24.00
		HIGH	QPSK	22.67	22.90	22.93	24.00
	3	LOW	QPSK	22.78	22.57	22.75	24.00
		MID	QPSK	23.13	22.99	23.14	24.00
		HIGH	QPSK	22.68	22.80	22.55	24.00
6	LOW	QPSK	21.82	21.87	22.02	23.00	
1.4	1	LOW	Q16	22.47	22.35	22.25	23.00
		MID	Q16	22.61	22.35	22.36	23.00
		HIGH	Q16	22.51	22.28	22.26	23.00
	3	LOW	Q16	22.34	22.36	22.33	23.00
		MID	Q16	22.73	22.51	22.63	23.00
		HIGH	Q16	22.66	22.60	22.55	23.00
6	LOW	Q16	21.02	20.84	20.98	22.00	
1.4	1	LOW	64QAM	21.33	21.37	21.27	22.00
		MID	64QAM	21.54	21.42	21.28	22.00
		HIGH	64QAM	21.23	21.38	21.35	22.00
	3	LOW	64QAM	21.35	21.26	21.36	22.00
		MID	64QAM	21.48	21.43	21.54	22.00
		HIGH	64QAM	21.31	21.28	21.32	22.00
6	LOW	64QAM	19.76	20.11	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.70	22.86	22.85	24.00
		MID	QPSK	22.93	23.21	22.96	24.00
		HIGH	QPSK	22.74	23.04	22.81	24.00
	8	LOW	QPSK	21.75	21.96	21.86	23.00
		MID	QPSK	21.85	22.05	21.88	23.00
		HIGH	QPSK	21.96	22.03	22.19	23.00
15	LOW	QPSK	21.95	21.90	22.02	23.00	
3	1	LOW	Q16	22.43	22.19	22.41	23.00
		MID	Q16	22.29	22.46	22.59	23.00
		HIGH	Q16	22.31	22.53	22.44	23.00
	8	LOW	Q16	20.84	20.95	20.88	22.00
		MID	Q16	20.88	20.87	20.97	22.00
		HIGH	Q16	21.03	21.02	21.12	22.00
15	LOW	Q16	20.96	20.97	21.10	22.00	
3	1	LOW	64QAM	21.39	21.37	21.25	22.00
		MID	64QAM	21.43	21.59	21.49	22.00
		HIGH	64QAM	21.53	21.18	21.24	22.00
	8	LOW	64QAM	19.68	19.99	20.09	21.00
		MID	64QAM	20.01	20.14	20.14	21.00
		HIGH	64QAM	19.79	20.14	20.18	21.00
15	LOW	64QAM	19.70	19.83	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.83	22.90	22.81	24.00
		MID	QPSK	22.97	22.95	23.03	24.00
		HIGH	QPSK	22.88	22.79	22.77	24.00
	12	LOW	QPSK	21.88	22.02	22.03	23.00
		MID	QPSK	22.07	22.07	21.94	23.00
		HIGH	QPSK	22.00	22.12	22.03	23.00
25	LOW	QPSK	21.80	22.01	21.91	23.00	
5	1	LOW	Q16	22.45	22.19	22.18	23.00
		MID	Q16	22.40	22.53	22.27	23.00
		HIGH	Q16	22.36	22.33	22.42	23.00
	12	LOW	Q16	20.78	20.80	20.94	22.00
		MID	Q16	20.96	21.14	20.97	22.00
		HIGH	Q16	21.03	20.91	20.95	22.00
25	LOW	Q16	20.83	21.11	21.10	22.00	
5	1	LOW	64QAM	21.41	21.08	21.32	22.00
		MID	64QAM	21.58	21.38	21.26	22.00
		HIGH	64QAM	21.23	21.38	21.48	22.00
	12	LOW	64QAM	19.94	19.85	19.99	21.00
		MID	64QAM	20.01	20.18	20.08	21.00
		HIGH	64QAM	19.75	19.96	19.98	21.00
25	LOW	64QAM	19.84	19.99	19.78	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.65	22.95	22.85	24.00
		MID	QPSK	22.88	23.07	22.85	24.00
		HIGH	QPSK	22.79	22.93	22.86	24.00
	25	LOW	QPSK	21.73	21.72	21.86	23.00
		MID	QPSK	21.94	21.85	21.99	23.00
		HIGH	QPSK	21.94	22.08	21.90	23.00
50	LOW	QPSK	21.84	21.83	21.80	23.00	
10	1	LOW	Q16	22.41	22.31	22.34	23.00
		MID	Q16	22.56	22.31	22.32	23.00
		HIGH	Q16	22.63	22.42	22.33	23.00
	25	LOW	Q16	20.80	20.91	20.96	22.00
		MID	Q16	21.05	21.08	20.99	22.00
		HIGH	Q16	20.84	20.97	20.83	22.00
50	LOW	Q16	20.83	21.01	21.02	22.00	
10	1	LOW	64QAM	21.41	21.37	21.23	22.00
		MID	64QAM	21.52	21.44	21.28	22.00
		HIGH	64QAM	21.30	21.18	21.37	22.00
	25	LOW	64QAM	19.78	19.85	19.81	21.00
		MID	64QAM	20.11	19.92	19.90	21.00
		HIGH	64QAM	19.85	20.10	19.92	21.00
50	LOW	64QAM	19.84	20.09	19.90	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.67	22.79	22.83	24.00
		MID	QPSK	22.88	22.98	22.73	24.00
		HIGH	QPSK	22.97	22.93	22.77	24.00
	36	LOW	QPSK	21.75	21.87	21.95	23.00
		MID	QPSK	22.10	22.02	21.90	23.00
		HIGH	QPSK	21.72	22.17	22.05	23.00
75	LOW	QPSK	21.91	22.01	21.86	23.00	
15	1	LOW	Q16	22.50	22.37	22.30	23.00
		MID	Q16	22.54	22.37	22.57	23.00
		HIGH	Q16	22.49	22.44	22.24	23.00
	36	LOW	Q16	20.90	20.95	20.99	22.00
		MID	Q16	20.86	20.85	20.87	22.00
		HIGH	Q16	21.05	21.10	20.87	22.00
75	LOW	Q16	20.75	21.01	20.95	22.00	
15	1	LOW	64QAM	21.33	21.31	21.14	22.00
		MID	64QAM	21.52	21.59	21.30	22.00
		HIGH	64QAM	21.40	21.29	21.39	22.00
	36	LOW	64QAM	19.70	19.99	19.93	21.00
		MID	64QAM	20.01	20.02	20.00	21.00
		HIGH	64QAM	20.01	19.86	20.10	21.00
75	LOW	64QAM	19.76	20.05	19.86	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.95	22.90	24.00
		MID	QPSK	22.95	23.14	23.01	24.00
		HIGH	QPSK	22.95	23.02	22.95	24.00
	50	LOW	QPSK	21.86	21.98	22.10	23.00
		MID	QPSK	22.03	22.09	22.12	23.00
		HIGH	QPSK	21.96	22.10	22.12	23.00
100	LOW	QPSK	21.95	22.05	22.06	23.00	
20	1	LOW	Q16	22.43	22.35	22.34	23.00
		MID	Q16	22.56	22.51	22.52	23.00
		HIGH	Q16	22.56	22.46	22.44	23.00
	50	LOW	Q16	20.86	20.97	21.07	22.00
		MID	Q16	21.07	21.10	21.12	22.00
		HIGH	Q16	20.99	21.10	21.08	22.00
100	LOW	Q16	21.00	21.05	21.06	22.00	
20	1	LOW	64QAM	21.50	21.31	21.38	22.00
		MID	64QAM	21.54	21.53	21.47	22.00
		HIGH	64QAM	21.49	21.44	21.48	22.00
	50	LOW	64QAM	19.90	19.97	20.03	21.00
		MID	64QAM	20.11	20.14	20.12	21.00
		HIGH	64QAM	19.99	20.08	20.12	21.00
100	LOW	64QAM	19.94	20.07	20.00	21.00	

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Bandwidth (RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.90	22.79	24.00
		MID	QPSK	23.02	22.98	23.01	24.00
		HIGH	QPSK	22.67	22.90	22.93	24.00
	3	LOW	QPSK	22.78	22.57	22.75	24.00
		MID	QPSK	23.13	22.99	23.14	24.00
		HIGH	QPSK	22.68	22.80	22.55	24.00
6	LOW	QPSK	21.82	21.87	22.02	23.00	
1.4	1	LOW	Q16	22.47	22.35	22.25	23.00
		MID	Q16	22.61	22.35	22.36	23.00
		HIGH	Q16	22.51	22.28	22.26	23.00
	3	LOW	Q16	22.34	22.36	22.33	23.00
		MID	Q16	22.73	22.51	22.63	23.00
		HIGH	Q16	22.66	22.60	22.55	23.00
6	LOW	Q16	21.02	20.84	20.98	22.00	
1.4	1	LOW	64QAM	21.33	21.37	21.27	22.00
		MID	64QAM	21.54	21.42	21.28	22.00
		HIGH	64QAM	21.23	21.38	21.35	22.00
	3	LOW	64QAM	21.35	21.26	21.36	22.00
		MID	64QAM	21.48	21.43	21.54	22.00
		HIGH	64QAM	21.31	21.28	21.32	22.00
6	LOW	64QAM	19.76	20.11	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.70	22.86	22.85	24.00
		MID	QPSK	22.93	23.21	22.96	24.00
		HIGH	QPSK	22.74	23.04	22.81	24.00
	8	LOW	QPSK	21.75	21.96	21.86	23.00
		MID	QPSK	21.85	22.05	21.88	23.00
		HIGH	QPSK	21.96	22.03	22.19	23.00
15	LOW	QPSK	21.95	21.90	22.02	23.00	
3	1	LOW	Q16	22.43	22.19	22.41	23.00
		MID	Q16	22.29	22.46	22.59	23.00
		HIGH	Q16	22.31	22.53	22.44	23.00
	8	LOW	Q16	20.84	20.95	20.88	22.00
		MID	Q16	20.88	20.87	20.97	22.00
		HIGH	Q16	21.03	21.02	21.12	22.00
15	LOW	Q16	20.96	20.97	21.10	22.00	
3	1	LOW	64QAM	21.39	21.37	21.25	22.00
		MID	64QAM	21.43	21.59	21.49	22.00
		HIGH	64QAM	21.53	21.18	21.24	22.00
	8	LOW	64QAM	19.68	19.99	20.09	21.00
		MID	64QAM	20.01	20.14	20.14	21.00
		HIGH	64QAM	19.79	20.14	20.18	21.00
15	LOW	64QAM	19.70	19.83	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.83	22.90	22.81	24.00
		MID	QPSK	22.97	22.95	23.03	24.00
		HIGH	QPSK	22.88	22.79	22.77	24.00
	12	LOW	QPSK	21.88	22.02	22.03	23.00
		MID	QPSK	22.07	22.07	21.94	23.00
		HIGH	QPSK	22.00	22.12	22.03	23.00
25	LOW	QPSK	21.80	22.01	21.91	23.00	
5	1	LOW	Q16	22.45	22.19	22.18	23.00
		MID	Q16	22.40	22.53	22.27	23.00
		HIGH	Q16	22.36	22.33	22.42	23.00
	12	LOW	Q16	20.78	20.80	20.94	22.00
		MID	Q16	20.96	21.14	20.97	22.00
		HIGH	Q16	21.03	20.91	20.95	22.00
25	LOW	Q16	20.83	21.11	21.10	22.00	
5	1	LOW	64QAM	21.41	21.08	21.32	22.00
		MID	64QAM	21.58	21.38	21.26	22.00
		HIGH	64QAM	21.23	21.38	21.48	22.00
	12	LOW	64QAM	19.94	19.85	19.99	21.00
		MID	64QAM	20.01	20.18	20.08	21.00
		HIGH	64QAM	19.75	19.96	19.98	21.00
25	LOW	64QAM	19.84	19.99	19.78	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.65	22.95	22.85	24.00
		MID	QPSK	22.88	23.07	22.85	24.00
		HIGH	QPSK	22.79	22.93	22.86	24.00
	25	LOW	QPSK	21.73	21.72	21.86	23.00
		MID	QPSK	21.94	21.85	21.99	23.00
		HIGH	QPSK	21.94	22.08	21.90	23.00
50	LOW	QPSK	21.84	21.83	21.80	23.00	
10	1	LOW	Q16	22.41	22.31	22.34	23.00
		MID	Q16	22.56	22.31	22.32	23.00
		HIGH	Q16	22.63	22.42	22.33	23.00
	25	LOW	Q16	20.80	20.91	20.96	22.00
		MID	Q16	21.05	21.08	20.99	22.00
		HIGH	Q16	20.84	20.97	20.83	22.00
50	LOW	Q16	20.83	21.01	21.02	22.00	
10	1	LOW	64QAM	21.41	21.37	21.23	22.00
		MID	64QAM	21.52	21.44	21.28	22.00
		HIGH	64QAM	21.30	21.18	21.37	22.00
	25	LOW	64QAM	19.78	19.85	19.81	21.00
		MID	64QAM	20.11	19.92	19.90	21.00
		HIGH	64QAM	19.85	20.10	19.92	21.00
50	LOW	64QAM	19.84	20.09	19.90	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.67	22.79	22.83	24.00
		MID	QPSK	22.88	22.98	22.73	24.00
		HIGH	QPSK	22.97	22.93	22.77	24.00
	36	LOW	QPSK	21.75	21.87	21.95	23.00
		MID	QPSK	22.10	22.02	21.90	23.00
		HIGH	QPSK	21.72	22.17	22.05	23.00
75	LOW	QPSK	21.91	22.01	21.86	23.00	
15	1	LOW	Q16	22.50	22.37	22.30	23.00
		MID	Q16	22.54	22.37	22.57	23.00
		HIGH	Q16	22.49	22.44	22.24	23.00
	36	LOW	Q16	20.90	20.95	20.99	22.00
		MID	Q16	20.86	20.85	20.87	22.00
		HIGH	Q16	21.05	21.10	20.87	22.00
75	LOW	Q16	20.75	21.01	20.95	22.00	
15	1	LOW	64QAM	21.33	21.31	21.14	22.00
		MID	64QAM	21.52	21.59	21.30	22.00
		HIGH	64QAM	21.40	21.29	21.39	22.00
	36	LOW	64QAM	19.70	19.99	19.93	21.00
		MID	64QAM	20.01	20.02	20.00	21.00
		HIGH	64QAM	20.01	19.86	20.10	21.00
75	LOW	64QAM	19.76	20.05	19.86	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.95	22.90	24.00
		MID	QPSK	22.95	23.14	23.01	24.00
		HIGH	QPSK	22.95	23.02	22.95	24.00
	50	LOW	QPSK	21.86	21.98	22.10	23.00
		MID	QPSK	22.03	22.09	22.12	23.00
		HIGH	QPSK	21.96	22.10	22.12	23.00
100	LOW	QPSK	21.95	22.05	22.06	23.00	
20	1	LOW	Q16	22.43	22.35	22.34	23.00
		MID	Q16	22.56	22.51	22.52	23.00
		HIGH	Q16	22.56	22.46	22.44	23.00
	50	LOW	Q16	20.86	20.97	21.07	22.00
		MID	Q16	21.07	21.10	21.12	22.00
		HIGH	Q16	20.99	21.10	21.08	22.00
100	LOW	Q16	21.00	21.05	21.06	22.00	
20	1	LOW	64QAM	21.50	21.31	21.38	22.00
		MID	64QAM	21.54	21.53	21.47	22.00
		HIGH	64QAM	21.49	21.44	21.48	22.00
	50	LOW	64QAM	19.90	19.97	20.03	21.00
		MID	64QAM	20.11	20.14	20.12	21.00
		HIGH	64QAM	19.99	20.08	20.12	21.00
100	LOW	64QAM	19.94	20.07	20.00	21.00	

LTE B66-Level4 (sensor off)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.90	22.79	24.00
		MID	QPSK	23.02	22.98	23.01	24.00
		HIGH	QPSK	22.67	22.90	22.93	24.00
	3	LOW	QPSK	22.78	22.57	22.75	24.00
		MID	QPSK	23.13	22.99	23.14	24.00
		HIGH	QPSK	22.68	22.80	22.55	24.00
6	LOW	QPSK	21.82	21.87	22.02	23.00	
1.4	1	LOW	Q16	22.47	22.35	22.25	23.00
		MID	Q16	22.61	22.35	22.36	23.00
		HIGH	Q16	22.51	22.28	22.26	23.00
	3	LOW	Q16	22.34	22.36	22.33	23.00
		MID	Q16	22.73	22.51	22.63	23.00
		HIGH	Q16	22.66	22.60	22.55	23.00
6	LOW	Q16	21.02	20.84	20.98	22.00	
1.4	1	LOW	64QAM	21.33	21.37	21.27	22.00
		MID	64QAM	21.54	21.42	21.28	22.00
		HIGH	64QAM	21.23	21.38	21.35	22.00
	3	LOW	64QAM	21.35	21.26	21.36	22.00
		MID	64QAM	21.48	21.43	21.54	22.00
		HIGH	64QAM	21.31	21.28	21.32	22.00
6	LOW	64QAM	19.76	20.11	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.70	22.86	22.85	24.00
		MID	QPSK	22.93	23.21	22.96	24.00
		HIGH	QPSK	22.74	23.04	22.81	24.00
	8	LOW	QPSK	21.75	21.96	21.86	23.00
		MID	QPSK	21.85	22.05	21.88	23.00
		HIGH	QPSK	21.96	22.03	22.19	23.00
15	LOW	QPSK	21.95	21.90	22.02	23.00	
3	1	LOW	Q16	22.43	22.19	22.41	23.00
		MID	Q16	22.29	22.46	22.59	23.00
		HIGH	Q16	22.31	22.53	22.44	23.00
	8	LOW	Q16	20.84	20.95	20.88	22.00
		MID	Q16	20.88	20.87	20.97	22.00
		HIGH	Q16	21.03	21.02	21.12	22.00
15	LOW	Q16	20.96	20.97	21.10	22.00	
3	1	LOW	64QAM	21.39	21.37	21.25	22.00
		MID	64QAM	21.43	21.59	21.49	22.00
		HIGH	64QAM	21.53	21.18	21.24	22.00
	8	LOW	64QAM	19.68	19.99	20.09	21.00
		MID	64QAM	20.01	20.14	20.14	21.00
		HIGH	64QAM	19.79	20.14	20.18	21.00
15	LOW	64QAM	19.70	19.83	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.83	22.90	22.81	24.00
		MID	QPSK	22.97	22.95	23.03	24.00
		HIGH	QPSK	22.88	22.79	22.77	24.00
	12	LOW	QPSK	21.88	22.02	22.03	23.00
		MID	QPSK	22.07	22.07	21.94	23.00
		HIGH	QPSK	22.00	22.12	22.03	23.00
25	LOW	QPSK	21.80	22.01	21.91	23.00	
5	1	LOW	Q16	22.45	22.19	22.18	23.00
		MID	Q16	22.40	22.53	22.27	23.00
		HIGH	Q16	22.36	22.33	22.42	23.00
	12	LOW	Q16	20.78	20.80	20.94	22.00
		MID	Q16	20.96	21.14	20.97	22.00
		HIGH	Q16	21.03	20.91	20.95	22.00
25	LOW	Q16	20.83	21.11	21.10	22.00	
5	1	LOW	64QAM	21.41	21.08	21.32	22.00
		MID	64QAM	21.58	21.38	21.26	22.00
		HIGH	64QAM	21.23	21.38	21.48	22.00
	12	LOW	64QAM	19.94	19.85	19.99	21.00
		MID	64QAM	20.01	20.18	20.08	21.00
		HIGH	64QAM	19.75	19.96	19.98	21.00
25	LOW	64QAM	19.84	19.99	19.78	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.65	22.95	22.85	24.00
		MID	QPSK	22.88	23.07	22.85	24.00
		HIGH	QPSK	22.79	22.93	22.86	24.00
	25	LOW	QPSK	21.73	21.72	21.86	23.00
		MID	QPSK	21.94	21.85	21.99	23.00
		HIGH	QPSK	21.94	22.08	21.90	23.00
50	LOW	QPSK	21.84	21.83	21.80	23.00	
10	1	LOW	Q16	22.41	22.31	22.34	23.00
		MID	Q16	22.56	22.31	22.32	23.00
		HIGH	Q16	22.63	22.42	22.33	23.00
	25	LOW	Q16	20.80	20.91	20.96	22.00
		MID	Q16	21.05	21.08	20.99	22.00
		HIGH	Q16	20.84	20.97	20.83	22.00
50	LOW	Q16	20.83	21.01	21.02	22.00	
10	1	LOW	64QAM	21.41	21.37	21.23	22.00
		MID	64QAM	21.52	21.44	21.28	22.00
		HIGH	64QAM	21.30	21.18	21.37	22.00
	25	LOW	64QAM	19.78	19.85	19.81	21.00
		MID	64QAM	20.11	19.92	19.90	21.00
		HIGH	64QAM	19.85	20.10	19.92	21.00
50	LOW	64QAM	19.84	20.09	19.90	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.67	22.79	22.83	24.00
		MID	QPSK	22.88	22.98	22.73	24.00
		HIGH	QPSK	22.97	22.93	22.77	24.00
	36	LOW	QPSK	21.75	21.87	21.95	23.00
		MID	QPSK	22.10	22.02	21.90	23.00
		HIGH	QPSK	21.72	22.17	22.05	23.00
75	LOW	QPSK	21.91	22.01	21.86	23.00	
15	1	LOW	Q16	22.50	22.37	22.30	23.00
		MID	Q16	22.54	22.37	22.57	23.00
		HIGH	Q16	22.49	22.44	22.24	23.00
	36	LOW	Q16	20.90	20.95	20.99	22.00
		MID	Q16	20.86	20.85	20.87	22.00
		HIGH	Q16	21.05	21.10	20.87	22.00
75	LOW	Q16	20.75	21.01	20.95	22.00	
15	1	LOW	64QAM	21.33	21.31	21.14	22.00
		MID	64QAM	21.52	21.59	21.30	22.00
		HIGH	64QAM	21.40	21.29	21.39	22.00
	36	LOW	64QAM	19.70	19.99	19.93	21.00
		MID	64QAM	20.01	20.02	20.00	21.00
		HIGH	64QAM	20.01	19.86	20.10	21.00
75	LOW	64QAM	19.76	20.05	19.86	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.95	22.90	24.00
		MID	QPSK	22.95	23.14	23.01	24.00
		HIGH	QPSK	22.95	23.02	22.95	24.00
	50	LOW	QPSK	21.86	21.98	22.10	23.00
		MID	QPSK	22.03	22.09	22.12	23.00
		HIGH	QPSK	21.96	22.10	22.12	23.00
100	LOW	QPSK	21.95	22.05	22.06	23.00	
20	1	LOW	Q16	22.43	22.35	22.34	23.00
		MID	Q16	22.56	22.51	22.52	23.00
		HIGH	Q16	22.56	22.46	22.44	23.00
	50	LOW	Q16	20.86	20.97	21.07	22.00
		MID	Q16	21.07	21.10	21.12	22.00
		HIGH	Q16	20.99	21.10	21.08	22.00
100	LOW	Q16	21.00	21.05	21.06	22.00	
20	1	LOW	64QAM	21.50	21.31	21.38	22.00
		MID	64QAM	21.54	21.53	21.47	22.00
		HIGH	64QAM	21.49	21.44	21.48	22.00
	50	LOW	64QAM	19.90	19.97	20.03	21.00
		MID	64QAM	20.11	20.14	20.12	21.00
		HIGH	64QAM	19.99	20.08	20.12	21.00
100	LOW	64QAM	19.94	20.07	20.00	21.00	

LTE B66-Level4 (sensor on 2)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	21.11	21.23	21.05	23.00
		MID	QPSK	21.36	21.37	21.39	23.00
		HIGH	QPSK	21.41	21.09	21.11	23.00
	3	LOW	QPSK	21.12	21.36	21.34	23.00
		MID	QPSK	21.27	21.39	21.41	23.00
		HIGH	QPSK	21.55	21.39	21.55	23.00
6	LOW	QPSK	21.29	21.36	21.42	23.00	
1.4	1	LOW	Q16	21.40	21.67	21.47	23.00
		MID	Q16	21.74	21.76	21.67	23.00
		HIGH	Q16	21.79	21.30	21.36	23.00
	3	LOW	Q16	21.22	21.25	21.11	22.00
		MID	Q16	21.37	21.37	21.38	22.00
		HIGH	Q16	21.47	21.43	21.53	22.00
6	LOW	Q16	20.62	20.65	20.67	22.00	
1.4	1	LOW	64QAM	20.17	20.60	20.60	22.00
		MID	64QAM	20.58	20.43	20.39	22.00
		HIGH	64QAM	20.29	20.56	20.56	22.00
	3	LOW	64QAM	20.28	20.27	20.09	21.00
		MID	64QAM	20.46	20.73	20.63	21.00
		HIGH	64QAM	20.16	20.23	20.35	21.00
6	LOW	64QAM	19.88	19.78	19.82	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.21	21.23	21.05	23.00
		MID	QPSK	21.21	21.24	21.47	23.00
		HIGH	QPSK	21.15	21.15	21.21	23.00
	8	LOW	QPSK	20.90	21.30	21.49	23.00
		MID	QPSK	21.26	21.35	21.41	23.00
		HIGH	QPSK	21.09	21.26	21.42	23.00
15	LOW	QPSK	21.21	21.32	21.33	23.00	
3	1	LOW	Q16	21.14	21.18	21.36	23.00
		MID	Q16	21.51	21.44	21.72	23.00
		HIGH	Q16	21.40	21.34	21.42	23.00
	8	LOW	Q16	20.74	20.84	20.78	22.00
		MID	Q16	20.68	20.67	20.85	22.00
		HIGH	Q16	20.83	20.78	20.99	22.00
15	LOW	Q16	20.74	20.96	20.75	22.00	
3	1	LOW	64QAM	20.49	20.49	20.72	22.00
		MID	64QAM	20.36	20.52	20.42	22.00
		HIGH	64QAM	20.25	20.54	20.80	22.00
	8	LOW	64QAM	19.70	19.74	19.86	21.00
		MID	64QAM	19.84	19.94	20.12	21.00
		HIGH	64QAM	19.88	20.08	19.90	21.00
15	LOW	64QAM	20.02	19.64	19.70	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	21.21	21.27	21.20	23.00
		MID	QPSK	21.15	21.26	21.37	23.00
		HIGH	QPSK	21.43	21.19	21.11	23.00
	12	LOW	QPSK	21.13	21.30	21.25	23.00
		MID	QPSK	21.14	21.22	21.45	23.00
		HIGH	QPSK	21.19	21.28	21.37	23.00
25	LOW	QPSK	21.36	21.25	21.27	23.00	
5	1	LOW	Q16	21.34	21.46	21.56	23.00
		MID	Q16	21.38	21.70	21.75	23.00
		HIGH	Q16	21.81	21.64	21.42	23.00
	12	LOW	Q16	20.68	20.55	20.93	22.00
		MID	Q16	20.85	20.98	20.74	22.00
		HIGH	Q16	20.71	20.89	20.76	22.00
25	LOW	Q16	20.76	20.73	20.88	22.00	
5	1	LOW	64QAM	20.29	20.76	20.48	22.00
		MID	64QAM	20.46	20.64	20.64	22.00
		HIGH	64QAM	20.33	20.34	20.70	22.00
	12	LOW	64QAM	19.58	19.62	19.94	21.00
		MID	64QAM	19.70	19.96	19.98	21.00
		HIGH	64QAM	19.78	19.92	19.88	21.00
25	LOW	64QAM	19.92	19.70	19.80	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	21.05	21.17	21.22	23.00
		MID	QPSK	21.13	21.18	21.43	23.00
		HIGH	QPSK	21.09	21.07	21.36	23.00
	25	LOW	QPSK	21.13	21.07	21.44	23.00
		MID	QPSK	21.44	21.17	21.41	23.00
		HIGH	QPSK	21.13	21.39	21.37	23.00
50	LOW	QPSK	21.27	21.49	21.31	23.00	
10	1	LOW	Q16	21.40	21.39	21.62	23.00
		MID	Q16	21.57	21.57	21.89	23.00
		HIGH	Q16	21.49	21.34	21.69	23.00
	25	LOW	Q16	20.74	20.78	20.82	22.00
		MID	Q16	20.95	20.80	20.91	22.00
		HIGH	Q16	20.62	21.01	20.80	22.00
50	LOW	Q16	20.53	20.82	20.65	22.00	
10	1	LOW	64QAM	20.49	20.54	20.56	22.00
		MID	64QAM	20.33	20.66	20.56	22.00
		HIGH	64QAM	20.45	20.40	20.62	22.00
	25	LOW	64QAM	19.74	19.82	19.94	21.00
		MID	64QAM	20.00	19.90	20.10	21.00
		HIGH	64QAM	19.94	19.90	19.84	21.00
50	LOW	64QAM	19.98	19.66	19.60	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.19	21.27	21.26	23.00
		MID	QPSK	21.13	21.48	21.39	23.00
		HIGH	QPSK	21.09	21.22	21.39	23.00
	36	LOW	QPSK	21.09	21.11	21.27	23.00
		MID	QPSK	21.12	21.28	21.45	23.00
		HIGH	QPSK	21.28	21.41	21.33	23.00
75	LOW	QPSK	21.14	21.38	21.53	23.00	
15	1	LOW	Q16	21.31	21.39	21.66	23.00
		MID	Q16	21.46	21.76	21.70	23.00
		HIGH	Q16	21.44	21.49	21.60	23.00
	36	LOW	Q16	20.62	20.76	21.01	22.00
		MID	Q16	20.89	20.92	20.72	22.00
		HIGH	Q16	20.73	20.70	20.74	22.00
75	LOW	Q16	20.66	20.92	20.96	22.00	
15	1	LOW	64QAM	20.47	20.56	20.62	22.00
		MID	64QAM	20.38	20.56	20.60	22.00
		HIGH	64QAM	20.41	20.28	20.56	22.00
	36	LOW	64QAM	19.76	19.66	19.86	21.00
		MID	64QAM	19.80	19.98	19.96	21.00
		HIGH	64QAM	19.72	19.94	19.90	21.00
75	LOW	64QAM	19.98	19.88	19.68	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	21.13	21.19	21.26	23.00
		MID	QPSK	21.30	21.37	21.41	23.00
		HIGH	QPSK	21.32	21.28	21.30	23.00
	50	LOW	QPSK	21.13	21.30	21.40	23.00
		MID	QPSK	21.35	21.41	21.45	23.00
		HIGH	QPSK	21.28	21.41	21.46	23.00
100	LOW	QPSK	21.27	21.38	21.42	23.00	
20	1	LOW	Q16	21.53	21.63	21.49	23.00
		MID	Q16	21.70	21.85	21.63	23.00
		HIGH	Q16	21.70	21.77	21.60	23.00
	50	LOW	Q16	20.68	20.74	20.95	22.00
		MID	Q16	20.85	20.90	20.93	22.00
		HIGH	Q16	20.83	20.91	20.95	22.00
100	LOW	Q16	20.72	20.88	20.88	22.00	
20	1	LOW	64QAM	20.39	20.66	20.62	22.00
		MID	64QAM	20.54	20.62	20.58	22.00
		HIGH	64QAM	20.37	20.46	20.70	22.00
	50	LOW	64QAM	19.78	19.84	19.86	21.00
		MID	64QAM	19.90	20.10	20.08	21.00
		HIGH	64QAM	19.88	20.04	20.04	21.00
100	LOW	64QAM	20.08	19.84	19.82	21.00	

LTE B66-Level5&6 (sensor off)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.72	22.90	22.79	24.00
		MID	QPSK	23.02	22.98	23.01	24.00
		HIGH	QPSK	22.67	22.90	22.93	24.00
	3	LOW	QPSK	22.78	22.57	22.75	24.00
		MID	QPSK	23.13	22.99	23.14	24.00
		HIGH	QPSK	22.68	22.80	22.55	24.00
6	LOW	QPSK	21.82	21.87	22.02	23.00	
1.4	1	LOW	Q16	22.47	22.35	22.25	23.00
		MID	Q16	22.61	22.35	22.36	23.00
		HIGH	Q16	22.51	22.28	22.26	23.00
	3	LOW	Q16	22.34	22.36	22.33	23.00
		MID	Q16	22.73	22.51	22.63	23.00
		HIGH	Q16	22.66	22.60	22.55	23.00
6	LOW	Q16	21.02	20.84	20.98	22.00	
1.4	1	LOW	64QAM	21.33	21.37	21.27	22.00
		MID	64QAM	21.54	21.42	21.28	22.00
		HIGH	64QAM	21.23	21.38	21.35	22.00
	3	LOW	64QAM	21.35	21.26	21.36	22.00
		MID	64QAM	21.48	21.43	21.54	22.00
		HIGH	64QAM	21.31	21.28	21.32	22.00
6	LOW	64QAM	19.76	20.11	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.70	22.86	22.85	24.00
		MID	QPSK	22.93	23.21	22.96	24.00
		HIGH	QPSK	22.74	23.04	22.81	24.00
	8	LOW	QPSK	21.75	21.96	21.86	23.00
		MID	QPSK	21.85	22.05	21.88	23.00
		HIGH	QPSK	21.96	22.03	22.19	23.00
15	LOW	QPSK	21.95	21.90	22.02	23.00	
3	1	LOW	Q16	22.43	22.19	22.41	23.00
		MID	Q16	22.29	22.46	22.59	23.00
		HIGH	Q16	22.31	22.53	22.44	23.00
	8	LOW	Q16	20.84	20.95	20.88	22.00
		MID	Q16	20.88	20.87	20.97	22.00
		HIGH	Q16	21.03	21.02	21.12	22.00
15	LOW	Q16	20.96	20.97	21.10	22.00	
3	1	LOW	64QAM	21.39	21.37	21.25	22.00
		MID	64QAM	21.43	21.59	21.49	22.00
		HIGH	64QAM	21.53	21.18	21.24	22.00
	8	LOW	64QAM	19.68	19.99	20.09	21.00
		MID	64QAM	20.01	20.14	20.14	21.00
		HIGH	64QAM	19.79	20.14	20.18	21.00
15	LOW	64QAM	19.70	19.83	19.92	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.83	22.90	22.81	24.00
		MID	QPSK	22.97	22.95	23.03	24.00
		HIGH	QPSK	22.88	22.79	22.77	24.00
	12	LOW	QPSK	21.88	22.02	22.03	23.00
		MID	QPSK	22.07	22.07	21.94	23.00
		HIGH	QPSK	22.00	22.12	22.03	23.00
25	LOW	QPSK	21.80	22.01	21.91	23.00	
5	1	LOW	Q16	22.45	22.19	22.18	23.00
		MID	Q16	22.40	22.53	22.27	23.00
		HIGH	Q16	22.36	22.33	22.42	23.00
	12	LOW	Q16	20.78	20.80	20.94	22.00
		MID	Q16	20.96	21.14	20.97	22.00
		HIGH	Q16	21.03	20.91	20.95	22.00
25	LOW	Q16	20.83	21.11	21.10	22.00	
5	1	LOW	64QAM	21.41	21.08	21.32	22.00
		MID	64QAM	21.58	21.38	21.26	22.00
		HIGH	64QAM	21.23	21.38	21.48	22.00
	12	LOW	64QAM	19.94	19.85	19.99	21.00
		MID	64QAM	20.01	20.18	20.08	21.00
		HIGH	64QAM	19.75	19.96	19.98	21.00
25	LOW	64QAM	19.84	19.99	19.78	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	22.65	22.95	22.85	24.00
		MID	QPSK	22.88	23.07	22.85	24.00
		HIGH	QPSK	22.79	22.93	22.86	24.00
	25	LOW	QPSK	21.73	21.72	21.86	23.00
		MID	QPSK	21.94	21.85	21.99	23.00
		HIGH	QPSK	21.94	22.08	21.90	23.00
50	LOW	QPSK	21.84	21.83	21.80	23.00	
10	1	LOW	Q16	22.41	22.31	22.34	23.00
		MID	Q16	22.56	22.31	22.32	23.00
		HIGH	Q16	22.63	22.42	22.33	23.00
	25	LOW	Q16	20.80	20.91	20.96	22.00
		MID	Q16	21.05	21.08	20.99	22.00
		HIGH	Q16	20.84	20.97	20.83	22.00
50	LOW	Q16	20.83	21.01	21.02	22.00	
10	1	LOW	64QAM	21.41	21.37	21.23	22.00
		MID	64QAM	21.52	21.44	21.28	22.00
		HIGH	64QAM	21.30	21.18	21.37	22.00
	25	LOW	64QAM	19.78	19.85	19.81	21.00
		MID	64QAM	20.11	19.92	19.90	21.00
		HIGH	64QAM	19.85	20.10	19.92	21.00
50	LOW	64QAM	19.84	20.09	19.90	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	22.67	22.79	22.83	24.00
		MID	QPSK	22.88	22.98	22.73	24.00
		HIGH	QPSK	22.97	22.93	22.77	24.00
	36	LOW	QPSK	21.75	21.87	21.95	23.00
		MID	QPSK	22.10	22.02	21.90	23.00
		HIGH	QPSK	21.72	22.17	22.05	23.00
75	LOW	QPSK	21.91	22.01	21.86	23.00	
15	1	LOW	Q16	22.50	22.37	22.30	23.00
		MID	Q16	22.54	22.37	22.57	23.00
		HIGH	Q16	22.49	22.44	22.24	23.00
	36	LOW	Q16	20.90	20.95	20.99	22.00
		MID	Q16	20.86	20.85	20.87	22.00
		HIGH	Q16	21.05	21.10	20.87	22.00
75	LOW	Q16	20.75	21.01	20.95	22.00	
15	1	LOW	64QAM	21.33	21.31	21.14	22.00
		MID	64QAM	21.52	21.59	21.30	22.00
		HIGH	64QAM	21.40	21.29	21.39	22.00
	36	LOW	64QAM	19.70	19.99	19.93	21.00
		MID	64QAM	20.01	20.02	20.00	21.00
		HIGH	64QAM	20.01	19.86	20.10	21.00
75	LOW	64QAM	19.76	20.05	19.86	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	22.81	22.95	22.90	24.00
		MID	QPSK	22.95	23.14	23.01	24.00
		HIGH	QPSK	22.95	23.02	22.95	24.00
	50	LOW	QPSK	21.86	21.98	22.10	23.00
		MID	QPSK	22.03	22.09	22.12	23.00
		HIGH	QPSK	21.96	22.10	22.12	23.00
100	LOW	QPSK	21.95	22.05	22.06	23.00	
20	1	LOW	Q16	22.43	22.35	22.34	23.00
		MID	Q16	22.56	22.51	22.52	23.00
		HIGH	Q16	22.56	22.46	22.44	23.00
	50	LOW	Q16	20.86	20.97	21.07	22.00
		MID	Q16	21.07	21.10	21.12	22.00
		HIGH	Q16	20.99	21.10	21.08	22.00
100	LOW	Q16	21.00	21.05	21.06	22.00	
20	1	LOW	64QAM	21.50	21.31	21.38	22.00
		MID	64QAM	21.54	21.53	21.47	22.00
		HIGH	64QAM	21.49	21.44	21.48	22.00
	50	LOW	64QAM	19.90	19.97	20.03	21.00
		MID	64QAM	20.11	20.14	20.12	21.00
		HIGH	64QAM	19.99	20.08	20.12	21.00
100	LOW	64QAM	19.94	20.07	20.00	21.00	

LTE B66-Level5&6 (sensor on 2)-Ant.4							
Bandwidth (	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.99	21.10	21.11	22.50
		MID	QPSK	21.18	21.21	21.12	22.50
		HIGH	QPSK	21.15	21.02	21.19	22.50
	3	LOW	QPSK	20.91	20.88	21.27	22.50
		MID	QPSK	21.10	21.30	21.31	22.50
		HIGH	QPSK	20.95	21.32	21.29	22.50
6	LOW	QPSK	21.16	21.12	21.08	22.50	
1.4	1	LOW	Q16	21.13	21.20	21.03	22.50
		MID	Q16	21.13	21.46	21.34	22.50
		HIGH	Q16	21.30	21.31	21.12	22.50
	3	LOW	Q16	21.08	21.07	21.05	22.50
		MID	Q16	21.07	21.11	21.11	22.50
		HIGH	Q16	21.08	21.08	20.11	22.50
6	LOW	Q16	20.46	20.62	20.51	22.00	
1.4	1	LOW	64QAM	20.41	20.57	20.36	22.00
		MID	64QAM	20.34	20.52	20.49	22.00
		HIGH	64QAM	20.15	20.36	20.48	22.00
	3	LOW	64QAM	20.41	20.33	20.53	22.00
		MID	64QAM	20.46	20.49	20.36	22.00
		HIGH	64QAM	20.17	20.20	20.06	22.00
6	LOW	64QAM	19.95	20.07	20.09	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	21.01	21.10	20.86	22.50
		MID	QPSK	20.95	21.33	21.27	22.50
		HIGH	QPSK	21.05	21.21	21.12	22.50
	8	LOW	QPSK	20.96	20.92	21.08	22.50
		MID	QPSK	20.93	21.28	21.10	22.50
		HIGH	QPSK	20.99	21.11	21.34	22.50
15	LOW	QPSK	21.16	21.12	21.21	22.50	
3	1	LOW	Q16	21.33	21.35	21.03	22.50
		MID	Q16	21.26	21.41	21.25	22.50
		HIGH	Q16	21.15	21.16	21.23	22.50
	8	LOW	Q16	20.60	20.49	20.44	22.00
		MID	Q16	20.65	20.58	20.72	22.00
		HIGH	Q16	20.67	20.79	20.49	22.00
15	LOW	Q16	20.67	20.74	20.80	22.00	
3	1	LOW	64QAM	20.51	20.80	20.56	22.00
		MID	64QAM	20.31	20.34	20.17	22.00
		HIGH	64QAM	20.05	20.36	20.60	22.00
	8	LOW	64QAM	20.19	19.79	19.97	21.00
		MID	64QAM	19.83	20.15	19.97	21.00
		HIGH	64QAM	19.83	19.99	19.79	21.00
15	LOW	64QAM	19.93	20.11	20.09	21.00	
Bandwidth (	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	20.78	20.89	21.07	22.50
		MID	QPSK	20.97	21.06	21.27	22.50
		HIGH	QPSK	20.86	21.25	21.19	22.50
	12	LOW	QPSK	20.89	21.05	21.11	22.50
		MID	QPSK	21.22	21.03	21.27	22.50
		HIGH	QPSK	20.89	21.01	21.27	22.50
25	LOW	QPSK	20.89	21.14	21.34	22.50	
5	1	LOW	Q16	21.26	21.22	21.28	22.50
		MID	Q16	21.46	21.33	21.40	22.50
		HIGH	Q16	21.13	21.44	21.19	22.50
	12	LOW	Q16	20.60	20.67	20.55	22.00
		MID	Q16	20.67	20.81	20.59	22.00
		HIGH	Q16	20.38	20.73	20.53	22.00
25	LOW	Q16	20.67	20.49	20.80	22.00	
5	1	LOW	64QAM	20.59	20.84	20.38	22.00
		MID	64QAM	20.58	20.26	20.23	22.00
		HIGH	64QAM	20.05	20.30	20.50	22.00
	12	LOW	64QAM	20.15	19.89	20.03	21.00
		MID	64QAM	19.85	20.19	20.23	21.00
		HIGH	64QAM	20.07	20.09	19.95	21.00
25	LOW	64QAM	19.97	20.11	19.99	21.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.93	21.00	20.86	22.50
		MID	QPSK	21.10	21.08	21.20	22.50
		HIGH	QPSK	20.96	21.21	21.04	22.50
	25	LOW	QPSK	21.04	20.98	21.25	22.50
		MID	QPSK	21.14	21.03	21.12	22.50
		HIGH	QPSK	20.91	21.18	21.08	22.50
50	LOW	QPSK	21.18	21.10	21.08	22.50	
10	1	LOW	Q16	21.35	21.13	21.22	22.50
		MID	Q16	21.20	21.22	21.32	22.50
		HIGH	Q16	21.43	21.18	21.14	22.50
	25	LOW	Q16	20.52	20.53	20.59	22.00
		MID	Q16	20.77	20.81	20.51	22.00
		HIGH	Q16	20.55	20.69	20.51	22.00
50	LOW	Q16	20.57	20.70	20.68	22.00	
10	1	LOW	64QAM	20.39	20.59	20.36	22.00
		MID	64QAM	20.56	20.52	20.47	22.00
		HIGH	64QAM	20.07	20.32	20.72	22.00
	25	LOW	64QAM	20.21	19.77	20.09	21.00
		MID	64QAM	20.07	20.15	20.15	21.00
		HIGH	64QAM	20.05	20.23	19.85	21.00
50	LOW	64QAM	19.83	19.89	19.85	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	21.05	21.10	20.97	22.50
		MID	QPSK	20.89	21.18	21.03	22.50
		HIGH	QPSK	21.15	21.19	20.85	22.50
	36	LOW	QPSK	20.91	21.15	20.96	22.50
		MID	QPSK	21.01	21.18	21.10	22.50
		HIGH	QPSK	21.18	21.28	21.34	22.50
75	LOW	QPSK	21.12	21.03	21.29	22.50	
15	1	LOW	Q16	21.33	21.05	21.16	22.50
		MID	Q16	21.30	21.44	21.36	22.50
		HIGH	Q16	21.60	21.65	21.33	22.50
	36	LOW	Q16	20.50	20.53	20.65	22.00
		MID	Q16	20.50	20.85	20.59	22.00
		HIGH	Q16	20.57	20.73	20.56	22.00
75	LOW	Q16	20.59	20.53	20.60	22.00	
15	1	LOW	64QAM	20.31	20.80	20.52	22.00
		MID	64QAM	20.48	20.56	20.43	22.00
		HIGH	64QAM	20.13	20.18	20.64	22.00
	36	LOW	64QAM	19.95	20.09	19.79	21.00
		MID	64QAM	20.13	20.13	20.09	21.00
		HIGH	64QAM	19.91	20.19	19.83	21.00
75	LOW	64QAM	20.11	19.99	19.85	21.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.95	21.08	21.03	22.50
		MID	QPSK	21.10	21.27	21.16	22.50
		HIGH	QPSK	21.09	21.21	21.08	22.50
	50	LOW	QPSK	21.02	21.09	21.19	22.50
		MID	QPSK	21.16	21.24	21.29	22.50
		HIGH	QPSK	21.12	21.24	21.25	22.50
100	LOW	QPSK	21.12	21.18	21.23	22.50	
20	1	LOW	Q16	21.24	21.24	21.22	22.50
		MID	Q16	21.37	21.37	21.34	22.50
		HIGH	Q16	21.34	21.33	21.25	22.50
	50	LOW	Q16	20.50	20.63	20.67	22.00
		MID	Q16	20.67	20.75	20.74	22.00
		HIGH	Q16	20.61	20.77	20.70	22.00
100	LOW	Q16	20.63	20.72	20.70	22.00	
20	1	LOW	64QAM	20.49	20.74	20.48	22.00
		MID	64QAM	20.52	20.46	20.39	22.00
		HIGH	64QAM	20.25	20.26	20.62	22.00
	50	LOW	64QAM	20.17	19.99	20.01	21.00
		MID	64QAM	20.03	20.11	20.19	21.00
		HIGH	64QAM	19.99	20.13	19.89	21.00
100	LOW	64QAM	20.01	20.07	20.03	21.00	

8.3.9 LTE Band38 Output Power

LTE B38-Level1-Ant.3								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	17.87	17.73	17.90	19.00	
		MID	QPSK	18.01	17.87	17.89	19.00	
		HIGH	QPSK	17.76	17.85	18.04	19.00	
	12	LOW	QPSK	18.03	17.85	17.88	19.00	
		MID	QPSK	17.84	18.00	17.97	19.00	
		HIGH	QPSK	17.91	18.02	17.89	19.00	
	25	LOW	QPSK	18.00	17.77	17.84	19.00	
	5	1	LOW	Q16	18.19	18.06	18.34	19.00
			MID	Q16	18.31	18.11	18.39	19.00
HIGH			Q16	18.10	17.97	18.43	19.00	
12		LOW	Q16	17.89	17.83	17.86	19.00	
		MID	Q16	17.92	17.83	18.05	19.00	
		HIGH	Q16	18.01	17.74	17.93	19.00	
25		LOW	Q16	17.81	18.03	17.86	19.00	
5		1	LOW	64QAM	18.23	17.86	18.30	19.00
			MID	64QAM	18.15	17.99	18.11	19.00
	HIGH		64QAM	17.98	18.06	18.28	19.00	
	12	LOW	64QAM	17.86	17.78	17.85	19.00	
		MID	64QAM	17.91	17.89	18.01	19.00	
		HIGH	64QAM	18.05	17.74	17.82	19.00	
	25	LOW	64QAM	18.03	17.94	17.98	19.00	
	10	1	LOW	QPSK	17.92	17.87	17.97	19.00
			MID	QPSK	17.99	18.01	17.89	19.00
HIGH			QPSK	17.94	17.74	17.96	19.00	
25		LOW	QPSK	18.13	18.01	17.73	19.00	
		MID	QPSK	17.84	18.01	17.88	19.00	
		HIGH	QPSK	17.91	17.84	17.98	19.00	
50		LOW	QPSK	18.10	17.86	17.95	19.00	
10		1	LOW	Q16	18.12	18.10	18.23	19.00
			MID	Q16	18.31	18.03	18.25	19.00
			HIGH	Q16	18.08	17.99	18.37	19.00
		25	LOW	Q16	18.03	17.81	17.82	19.00
			MID	Q16	17.88	17.96	18.12	19.00
			HIGH	Q16	17.87	17.94	18.02	19.00
50		LOW	Q16	17.81	17.90	18.05	19.00	
10		1	LOW	64QAM	18.19	17.90	18.34	19.00
	MID		64QAM	18.22	18.01	18.28	19.00	
	HIGH		64QAM	18.28	17.86	18.43	19.00	
	25	LOW	64QAM	17.90	17.89	17.87	19.00	
		MID	64QAM	17.91	18.12	18.16	19.00	
		HIGH	64QAM	18.10	17.85	18.04	19.00	
	50	LOW	64QAM	17.96	18.10	17.95	19.00	

Bandwidth (	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	17.78	17.96	17.99	19.00	
		MID	QPSK	17.86	17.81	18.08	19.00	
		HIGH	QPSK	17.76	17.81	17.91	19.00	
	36	LOW	QPSK	18.03	17.89	17.82	19.00	
		MID	QPSK	18.06	18.03	17.88	19.00	
		HIGH	QPSK	18.05	17.95	18.03	19.00	
	75	LOW	QPSK	17.87	17.95	17.95	19.00	
	15	1	LOW	Q16	18.12	17.96	18.29	19.00
			MID	Q16	18.33	18.18	18.27	19.00
HIGH			Q16	18.10	18.04	18.41	19.00	
36		LOW	Q16	17.85	18.05	17.95	19.00	
		MID	Q16	17.92	18.09	17.94	19.00	
		HIGH	Q16	17.81	17.99	18.08	19.00	
75		LOW	Q16	17.89	18.03	18.00	19.00	
15		1	LOW	64QAM	18.18	18.02	18.34	19.00
			MID	64QAM	18.09	18.05	18.45	19.00
	HIGH		64QAM	18.10	18.08	18.30	19.00	
	36	LOW	64QAM	18.04	17.89	17.96	19.00	
		MID	64QAM	17.85	17.93	18.03	19.00	
		HIGH	64QAM	17.91	17.81	17.89	19.00	
	75	LOW	64QAM	18.02	17.92	18.00	19.00	
	Bandwidth (RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	17.96	17.91	17.95	19.00
MID			QPSK	17.99	18.01	18.03	19.00	
HIGH			QPSK	17.94	17.85	18.00	19.00	
50		LOW	QPSK	18.08	18.05	17.95	19.00	
		MID	QPSK	18.06	18.05	18.04	19.00	
		HIGH	QPSK	18.05	17.97	18.03	19.00	
100		LOW	QPSK	18.05	17.99	18.00	19.00	
20		1	LOW	Q16	18.28	18.10	18.36	19.00
			MID	Q16	18.35	18.16	18.45	19.00
	HIGH		Q16	18.28	18.06	18.39	19.00	
	50	LOW	Q16	18.03	18.03	18.02	19.00	
		MID	Q16	18.01	18.05	18.07	19.00	
		HIGH	Q16	18.01	17.94	18.06	19.00	
	100	LOW	Q16	18.03	18.03	18.00	19.00	
	20	1	LOW	64QAM	18.23	18.06	18.34	19.00
			MID	64QAM	18.31	18.21	18.41	19.00
HIGH			64QAM	18.32	18.04	18.37	19.00	
50		LOW	64QAM	17.99	17.98	17.98	19.00	
		MID	64QAM	18.05	18.07	18.12	19.00	
		HIGH	64QAM	18.05	17.90	18.02	19.00	
100		LOW	64QAM	17.98	18.08	18.00	19.00	

LTE B38-Level2&3-Ant.3

Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	15.00	15.08	14.99	15.50	
		MID	QPSK	14.97	15.06	14.97	15.50	
		HIGH	QPSK	14.98	15.05	15.02	15.50	
	12	LOW	QPSK	15.01	14.93	15.05	15.50	
		MID	QPSK	14.94	14.73	14.95	15.50	
		HIGH	QPSK	14.94	15.00	15.06	15.50	
	25	LOW	QPSK	14.96	14.90	14.99	15.50	
	5	1	LOW	Q16	15.37	15.16	15.29	15.50
			MID	Q16	15.36	15.15	15.29	15.50
HIGH			Q16	15.35	15.16	15.32	15.50	
12		LOW	Q16	15.10	14.99	15.01	15.50	
		MID	Q16	15.05	14.92	15.01	15.50	
		HIGH	Q16	15.01	14.96	14.97	15.50	
25		LOW	Q16	15.00	14.95	15.05	15.50	
5		1	LOW	64QAM	15.34	15.22	15.37	15.50
			MID	64QAM	15.44	15.17	15.37	15.50
	HIGH		64QAM	15.30	15.18	15.40	15.50	
	12	LOW	64QAM	15.05	15.06	15.07	15.50	
		MID	64QAM	15.10	14.83	14.92	15.50	
		HIGH	64QAM	14.99	15.00	14.91	15.50	
	25	LOW	64QAM	14.93	14.88	14.96	15.50	
	10	1	LOW	QPSK	15.01	14.90	14.94	15.50
			MID	QPSK	15.04	14.94	15.05	15.50
HIGH			QPSK	15.00	14.87	14.99	15.50	
25		LOW	QPSK	15.00	14.95	15.04	15.50	
		MID	QPSK	14.99	14.94	15.01	15.50	
		HIGH	QPSK	15.02	14.93	15.03	15.50	
50		LOW	QPSK	15.00	14.93	15.04	15.50	
10		1	LOW	Q16	15.27	15.33	15.34	15.50
			MID	Q16	15.28	15.34	15.43	15.50
	HIGH		Q16	15.26	15.32	15.40	15.50	
	25	LOW	Q16	15.03	14.98	15.07	15.50	
		MID	Q16	15.00	14.93	15.06	15.50	
		HIGH	Q16	15.00	14.93	15.10	15.50	
	50	LOW	Q16	14.99	14.95	15.04	15.50	
	10	1	LOW	64QAM	15.24	15.25	15.40	15.50
			MID	64QAM	15.33	15.42	15.51	15.50
HIGH			64QAM	15.29	15.35	15.46	15.50	
25		LOW	64QAM	15.06	14.89	15.04	15.50	
		MID	64QAM	14.93	14.92	15.06	15.50	
		HIGH	64QAM	14.99	14.90	15.15	15.50	
50		LOW	64QAM	15.05	14.89	15.07	15.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	14.95	14.85	14.93	15.50	
		MID	QPSK	15.00	14.88	15.07	15.50	
		HIGH	QPSK	14.92	14.81	14.99	15.50	
	36	LOW	QPSK	14.95	14.92	14.94	15.50	
		MID	QPSK	14.92	14.88	15.01	15.50	
		HIGH	QPSK	14.97	14.90	14.99	15.50	
	75	LOW	QPSK	14.95	14.90	14.95	15.50	
	15	1	LOW	Q16	15.24	15.02	15.20	15.50
			MID	Q16	15.26	15.04	15.32	15.50
HIGH			Q16	15.16	14.98	15.22	15.50	
36		LOW	Q16	14.95	14.95	14.98	15.50	
		MID	Q16	14.92	14.89	15.06	15.50	
		HIGH	Q16	14.95	14.90	15.02	15.50	
75		LOW	Q16	14.95	14.91	14.95	15.50	
15		1	LOW	64QAM	15.16	15.08	15.15	15.50
			MID	64QAM	15.26	15.10	15.38	15.50
	HIGH		64QAM	15.22	14.91	15.22	15.50	
	36	LOW	64QAM	14.91	14.91	14.98	15.50	
		MID	64QAM	14.99	14.86	15.09	15.50	
		HIGH	64QAM	14.99	14.90	15.02	15.50	
	75	LOW	64QAM	14.91	14.97	14.94	15.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	14.85	14.81	14.83	15.50
MID			QPSK	14.93	14.83	14.98	15.50	
HIGH			QPSK	14.83	14.81	14.95	15.50	
50		LOW	QPSK	14.96	14.99	14.91	15.50	
		MID	QPSK	15.02	14.98	14.98	15.50	
		HIGH	QPSK	14.97	14.97	14.96	15.50	
100		LOW	QPSK	14.93	14.85	14.96	15.50	
20		1	LOW	Q16	15.19	14.99	15.23	15.50
			MID	Q16	15.28	15.06	15.40	15.50
	HIGH		Q16	15.17	15.02	15.36	15.50	
	50	LOW	Q16	14.97	14.93	14.98	15.50	
		MID	Q16	14.98	14.94	14.96	15.50	
		HIGH	Q16	14.91	14.92	15.00	15.50	
	100	LOW	Q16	14.93	14.93	14.92	15.50	
	20	1	LOW	64QAM	15.10	15.06	15.28	15.50
			MID	64QAM	15.34	15.01	15.37	15.50
HIGH			64QAM	15.12	14.96	15.42	15.50	
50		LOW	64QAM	15.01	14.92	14.92	15.50	
		MID	64QAM	14.91	14.88	14.95	15.50	
		HIGH	64QAM	14.85	14.92	14.94	15.50	
100		LOW	64QAM	14.86	14.84	14.95	15.50	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	21.21	20.98	21.34	22.00	
		MID	QPSK	20.84	21.33	21.56	22.00	
		HIGH	QPSK	21.41	20.80	20.93	22.00	
	12	LOW	QPSK	21.20	21.39	21.21	22.00	
		MID	QPSK	21.46	21.60	21.30	22.00	
		HIGH	QPSK	21.18	21.17	21.34	22.00	
	25	LOW	QPSK	21.28	21.10	21.49	22.00	
	5	1	LOW	Q16	21.41	21.10	21.81	22.00
			MID	Q16	21.23	21.33	21.37	22.00
HIGH			Q16	21.39	21.09	21.34	22.00	
12		LOW	Q16	20.56	20.62	20.78	21.00	
		MID	Q16	20.64	20.78	20.37	21.00	
		HIGH	Q16	20.59	20.82	20.62	21.00	
25		LOW	Q16	20.99	20.92	20.68	21.00	
5		1	LOW	64QAM	20.29	20.05	20.19	21.00
			MID	64QAM	20.25	20.20	20.48	21.00
	HIGH		64QAM	20.14	20.03	20.53	21.00	
	12	LOW	64QAM	19.16	19.23	19.10	20.00	
		MID	64QAM	19.13	18.95	19.23	20.00	
		HIGH	64QAM	18.93	18.84	19.07	20.00	
	25	LOW	64QAM	18.89	18.96	18.96	20.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	21.19	21.17	21.47	22.00
MID			QPSK	21.07	21.22	21.58	22.00	
HIGH			QPSK	21.26	20.80	20.99	22.00	
25		LOW	QPSK	21.20	21.26	21.56	22.00	
		MID	QPSK	21.39	21.43	21.24	22.00	
		HIGH	QPSK	21.07	21.17	21.47	22.00	
50	LOW	QPSK	21.24	21.18	21.38	22.00		
10	1	LOW	Q16	21.44	21.36	21.66	22.00	
		MID	Q16	21.46	21.20	21.52	22.00	
		HIGH	Q16	21.39	20.94	21.43	22.00	
	25	LOW	Q16	20.68	20.56	20.85	21.00	
		MID	Q16	20.81	20.88	20.57	21.00	
		HIGH	Q16	20.69	20.72	20.60	21.00	
	50	LOW	Q16	20.93	20.78	20.72	21.00	
	10	1	LOW	64QAM	20.31	20.13	20.17	21.00
			MID	64QAM	20.30	20.10	20.54	21.00
HIGH			64QAM	20.18	19.99	20.51	21.00	
25		LOW	64QAM	19.16	19.04	18.96	20.00	
		MID	64QAM	19.13	19.08	19.21	20.00	
		HIGH	64QAM	18.82	18.86	19.07	20.00	
50		LOW	64QAM	19.02	18.92	18.96	20.00	

Bandwidth (	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.98	21.00	21.17	22.00	
		MID	QPSK	21.05	21.33	21.26	22.00	
		HIGH	QPSK	21.20	21.12	21.08	22.00	
	36	LOW	QPSK	21.14	21.45	21.41	22.00	
		MID	QPSK	21.41	21.49	21.41	22.00	
		HIGH	QPSK	21.26	21.30	21.24	22.00	
	75	LOW	QPSK	21.05	20.91	21.42	22.00	
	15	1	LOW	Q16	21.29	21.12	21.60	22.00
			MID	Q16	21.48	21.20	21.44	22.00
HIGH			Q16	21.50	20.94	21.43	22.00	
36		LOW	Q16	20.62	20.43	20.91	21.00	
		MID	Q16	20.75	20.76	20.53	21.00	
		HIGH	Q16	20.65	20.70	20.76	21.00	
75		LOW	Q16	20.87	20.76	20.47	21.00	
15		1	LOW	64QAM	20.23	20.07	20.37	21.00
			MID	64QAM	20.36	20.06	20.38	21.00
	HIGH		64QAM	20.42	19.95	20.57	21.00	
	36	LOW	64QAM	19.02	19.17	18.96	20.00	
		MID	64QAM	19.05	18.89	19.07	20.00	
		HIGH	64QAM	19.03	18.90	19.07	20.00	
	75	LOW	64QAM	19.12	19.13	18.87	20.00	
	Bandwidth (RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	21.17	21.06	21.36	22.00
MID			QPSK	21.05	21.37	21.47	22.00	
HIGH			QPSK	21.37	21.01	21.14	22.00	
50		LOW	QPSK	21.33	21.41	21.45	22.00	
		MID	QPSK	21.50	21.60	21.39	22.00	
		HIGH	QPSK	21.18	21.19	21.45	22.00	
100		LOW	QPSK	21.28	21.10	21.51	22.00	
20		1	LOW	Q16	21.35	21.25	21.79	22.00
			MID	Q16	21.42	21.22	21.50	22.00
	HIGH		Q16	21.56	21.11	21.45	22.00	
	50	LOW	Q16	20.70	20.66	20.95	21.00	
		MID	Q16	20.83	20.82	20.51	21.00	
		HIGH	Q16	20.65	20.82	20.72	21.00	
	100	LOW	Q16	20.97	20.82	20.64	21.00	
	20	1	LOW	64QAM	20.37	20.09	20.37	21.00
			MID	64QAM	20.48	20.20	20.50	21.00
HIGH			64QAM	20.34	20.17	20.51	21.00	
50		LOW	64QAM	19.06	19.15	19.06	20.00	
		MID	64QAM	19.11	19.10	19.17	20.00	
		HIGH	64QAM	19.03	19.03	19.09	20.00	
100		LOW	64QAM	19.08	19.07	19.02	20.00	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	19.93	19.82	19.74	21.00	
		MID	QPSK	19.93	19.87	19.97	21.00	
		HIGH	QPSK	19.81	19.77	19.90	21.00	
	12	LOW	QPSK	19.95	20.08	20.12	21.00	
		MID	QPSK	19.89	19.89	19.90	21.00	
		HIGH	QPSK	20.08	19.79	20.16	21.00	
	25	LOW	QPSK	19.92	20.05	19.93	21.00	
	5	1	LOW	Q16	19.98	20.18	20.00	21.00
			MID	Q16	20.14	20.21	20.36	21.00
HIGH			Q16	19.91	20.09	20.17	21.00	
12		LOW	Q16	20.11	20.01	19.84	21.00	
		MID	Q16	19.93	19.98	20.17	21.00	
		HIGH	Q16	20.00	19.76	20.06	21.00	
25		LOW	Q16	20.07	20.06	19.87	21.00	
5		1	LOW	64QAM	20.08	19.98	20.00	21.00
			MID	64QAM	20.20	20.29	20.32	21.00
	HIGH		64QAM	20.15	20.03	20.33	21.00	
	12	LOW	64QAM	19.07	19.09	19.14	20.00	
		MID	64QAM	19.01	19.10	18.96	20.00	
		HIGH	64QAM	19.12	18.81	19.00	20.00	
	25	LOW	64QAM	19.07	18.94	18.86	20.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)	
10	1	LOW	QPSK	19.71	19.96	19.88	21.00	
		MID	QPSK	20.01	19.91	20.07	21.00	
		HIGH	QPSK	19.83	19.69	20.02	21.00	
	25	LOW	QPSK	20.01	19.92	19.82	21.00	
		MID	QPSK	20.15	19.93	19.94	21.00	
		HIGH	QPSK	19.98	19.89	20.16	21.00	
50	LOW	QPSK	20.04	20.05	19.99	21.00		
10	1	LOW	Q16	20.00	20.20	20.02	21.00	
		MID	Q16	20.02	20.29	20.12	21.00	
		HIGH	Q16	20.21	19.93	20.07	21.00	
	25	LOW	Q16	19.87	20.17	19.98	21.00	
		MID	Q16	20.07	20.12	19.97	21.00	
		HIGH	Q16	19.94	19.98	20.12	21.00	
50	LOW	Q16	19.97	19.94	20.01	21.00		
10	1	LOW	64QAM	20.16	19.94	20.28	21.00	
		MID	64QAM	20.18	20.15	20.34	21.00	
		HIGH	64QAM	20.09	19.95	20.41	21.00	
	25	LOW	64QAM	19.09	18.98	19.12	20.00	
		MID	64QAM	18.90	18.91	19.09	20.00	
		HIGH	64QAM	19.12	19.00	19.06	20.00	
	50	LOW	64QAM	19.09	18.89	18.97	20.00	

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	19.87	19.84	19.84	21.00	
		MID	QPSK	20.05	19.89	19.97	21.00	
		HIGH	QPSK	19.97	19.67	20.08	21.00	
	36	LOW	QPSK	19.99	20.18	20.12	21.00	
		MID	QPSK	19.91	19.99	20.08	21.00	
		HIGH	QPSK	19.90	19.77	19.86	21.00	
	75	LOW	QPSK	19.88	20.03	19.95	21.00	
	15	1	LOW	Q16	20.00	19.92	20.20	21.00
			MID	Q16	20.02	20.09	20.14	21.00
HIGH			Q16	20.11	19.93	20.04	21.00	
36		LOW	Q16	19.91	20.21	20.02	21.00	
		MID	Q16	19.89	20.00	19.93	21.00	
		HIGH	Q16	20.10	19.84	20.04	21.00	
75		LOW	Q16	19.93	19.78	19.95	21.00	
15		1	LOW	64QAM	20.24	20.00	20.12	21.00
			MID	64QAM	20.34	20.13	20.23	21.00
	HIGH		64QAM	19.99	20.17	20.45	21.00	
	36	LOW	64QAM	18.80	18.94	19.08	20.00	
		MID	64QAM	19.07	18.96	19.00	20.00	
		HIGH	64QAM	19.06	18.73	19.10	20.00	
	75	LOW	64QAM	19.01	18.85	18.84	20.00	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	19.95	19.96	19.96	21.00
MID			QPSK	20.05	20.01	20.09	21.00	
HIGH			QPSK	19.95	19.91	20.04	21.00	
50		LOW	QPSK	20.09	20.14	20.06	21.00	
		MID	QPSK	20.09	20.11	20.12	21.00	
		HIGH	QPSK	20.12	19.99	20.10	21.00	
100		LOW	QPSK	20.02	20.03	20.03	21.00	
20		1	LOW	Q16	20.32	20.16	20.42	21.00
			MID	Q16	20.42	20.25	20.50	21.00
	HIGH		Q16	20.35	20.11	20.47	21.00	
	50	LOW	Q16	20.07	20.15	20.06	21.00	
		MID	Q16	20.07	20.12	20.13	21.00	
		HIGH	Q16	20.08	19.98	20.10	21.00	
	100	LOW	Q16	20.09	20.02	20.03	21.00	
	20	1	LOW	64QAM	20.34	20.14	20.42	21.00
			MID	64QAM	20.46	20.25	20.54	21.00
HIGH			64QAM	20.29	20.17	20.51	21.00	
50		LOW	64QAM	19.03	19.17	19.10	20.00	
		MID	64QAM	19.11	19.06	19.11	20.00	
		HIGH	64QAM	19.10	18.94	19.08	20.00	
100		LOW	64QAM	19.05	19.02	18.97	20.00	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	23.30	23.15	23.32	24.50
MID			QPSK	23.19	23.36	23.48	24.50	
HIGH			QPSK	23.12	23.20	23.48	24.50	
25		LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
50	LOW	QPSK	22.31	22.26	22.24	23.50		
10	1	LOW	Q16	22.69	22.37	22.84	23.50	
		MID	Q16	22.56	22.45	22.78	23.50	
		HIGH	Q16	22.50	22.28	22.86	23.50	
	25	LOW	Q16	21.22	21.38	21.53	22.50	
		MID	Q16	21.47	21.33	21.40	22.50	
		HIGH	Q16	21.22	21.28	21.41	22.50	
	50	LOW	Q16	21.29	21.33	21.37	22.50	
	10	1	LOW	64QAM	21.66	21.35	21.77	22.50
			MID	64QAM	21.74	21.42	21.63	22.50
HIGH			64QAM	21.82	21.47	21.77	22.50	
25		LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
50		LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

4/5功率一

LTE B38-Level2&3-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)	
10	1	LOW	QPSK	23.30	23.15	23.32	24.50	
		MID	QPSK	23.19	23.36	23.48	24.50	
		HIGH	QPSK	23.12	23.20	23.48	24.50	
	25	LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
50	LOW	QPSK	22.31	22.26	22.24	23.50		
10	1	LOW	Q16	22.69	22.37	22.84	23.50	
		MID	Q16	22.56	22.45	22.78	23.50	
		HIGH	Q16	22.50	22.28	22.86	23.50	
	25	LOW	Q16	21.22	21.38	21.53	22.50	
		MID	Q16	21.47	21.33	21.40	22.50	
		HIGH	Q16	21.22	21.28	21.41	22.50	
50	LOW	Q16	21.29	21.33	21.37	22.50		
10	1	LOW	64QAM	21.66	21.35	21.77	22.50	
		MID	64QAM	21.74	21.42	21.63	22.50	
		HIGH	64QAM	21.82	21.47	21.77	22.50	
	25	LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
	50	LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

LTE B38-Level4 (sensor off)-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	23.30	23.15	23.32	24.50
MID			QPSK	23.19	23.36	23.48	24.50	
HIGH			QPSK	23.12	23.20	23.48	24.50	
25		LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
50	LOW	QPSK	22.31	22.26	22.24	23.50		
10	1	LOW	Q16	22.69	22.37	22.84	23.50	
		MID	Q16	22.56	22.45	22.78	23.50	
		HIGH	Q16	22.50	22.28	22.86	23.50	
	25	LOW	Q16	21.22	21.38	21.53	22.50	
		MID	Q16	21.47	21.33	21.40	22.50	
		HIGH	Q16	21.22	21.28	21.41	22.50	
	50	LOW	Q16	21.29	21.33	21.37	22.50	
	10	1	LOW	64QAM	21.66	21.35	21.77	22.50
			MID	64QAM	21.74	21.42	21.63	22.50
HIGH			64QAM	21.82	21.47	21.77	22.50	
25		LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
50		LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

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LTE B38-Level4 (sensor on 2)-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	23.30	23.15	23.32	24.50
MID			QPSK	23.19	23.36	23.48	24.50	
HIGH			QPSK	23.12	23.20	23.48	24.50	
25		LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
50		LOW	QPSK	22.31	22.26	22.24	23.50	
10		1	LOW	Q16	22.69	22.37	22.84	23.50
			MID	Q16	22.56	22.45	22.78	23.50
	HIGH		Q16	22.50	22.28	22.86	23.50	
	25	LOW	Q16	21.22	21.38	21.53	22.50	
		MID	Q16	21.47	21.33	21.40	22.50	
		HIGH	Q16	21.22	21.28	21.41	22.50	
	50	LOW	Q16	21.29	21.33	21.37	22.50	
	10	1	LOW	64QAM	21.66	21.35	21.77	22.50
			MID	64QAM	21.74	21.42	21.63	22.50
HIGH			64QAM	21.82	21.47	21.77	22.50	
25		LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
50		LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

LTE B38-Level5&6 (sensor off)-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
10	1	LOW	QPSK	23.30	23.15	23.32	24.50	
		MID	QPSK	23.19	23.36	23.48	24.50	
		HIGH	QPSK	23.12	23.20	23.48	24.50	
	25	LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
	50	LOW	QPSK	22.31	22.26	22.24	23.50	
	10	1	LOW	Q16	22.69	22.37	22.84	23.50
			MID	Q16	22.56	22.45	22.78	23.50
			HIGH	Q16	22.50	22.28	22.86	23.50
		25	LOW	Q16	21.22	21.38	21.53	22.50
			MID	Q16	21.47	21.33	21.40	22.50
			HIGH	Q16	21.22	21.28	21.41	22.50
50	LOW	Q16	21.29	21.33	21.37	22.50		
10	1	LOW	64QAM	21.66	21.35	21.77	22.50	
		MID	64QAM	21.74	21.42	21.63	22.50	
		HIGH	64QAM	21.82	21.47	21.77	22.50	
	25	LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
	50	LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

LTE B38-Level4 (sensor on 2)-Ant.4								
Bandwidth (MHz)	RB Size	RB offset	Modulation	37775	38000	38225	Tune-up power(dBm)	
5	1	LOW	QPSK	23.33	23.18	23.22	24.50	
		MID	QPSK	23.26	23.19	23.25	24.50	
		HIGH	QPSK	23.12	23.37	23.41	24.50	
	12	LOW	QPSK	22.32	22.50	22.25	23.50	
		MID	QPSK	22.48	22.46	22.25	23.50	
		HIGH	QPSK	22.30	22.22	22.50	23.50	
	25	LOW	QPSK	22.53	22.19	22.19	23.50	
	5	1	LOW	Q16	22.55	22.50	22.93	23.50
			MID	Q16	22.63	22.36	22.98	23.50
HIGH			Q16	22.50	22.35	22.88	23.50	
12		LOW	Q16	21.32	21.23	21.53	22.50	
		MID	Q16	21.43	21.40	21.49	22.50	
		HIGH	Q16	21.48	21.24	21.26	22.50	
25		LOW	Q16	21.48	21.46	21.34	22.50	
5		1	LOW	64QAM	21.36	21.50	21.68	22.50
			MID	64QAM	21.59	21.58	21.91	22.50
	HIGH		64QAM	21.75	21.26	21.73	22.50	
	12	LOW	64QAM	20.29	20.41	20.31	21.50	
		MID	64QAM	20.33	20.32	20.33	21.50	
		HIGH	64QAM	20.18	20.49	20.54	21.50	
	25	LOW	64QAM	20.30	20.22	20.37	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37800	38000	38200	Tune-up power(dBm)
	10	1	LOW	QPSK	23.30	23.15	23.32	24.50
MID			QPSK	23.19	23.36	23.48	24.50	
HIGH			QPSK	23.12	23.20	23.48	24.50	
25		LOW	QPSK	22.45	22.48	22.23	23.50	
		MID	QPSK	22.46	22.35	22.47	23.50	
		HIGH	QPSK	22.23	22.35	22.28	23.50	
50		LOW	QPSK	22.31	22.26	22.24	23.50	
10		1	LOW	Q16	22.69	22.37	22.84	23.50
			MID	Q16	22.56	22.45	22.78	23.50
	HIGH		Q16	22.50	22.28	22.86	23.50	
	25	LOW	Q16	21.22	21.38	21.53	22.50	
		MID	Q16	21.47	21.33	21.40	22.50	
		HIGH	Q16	21.22	21.28	21.41	22.50	
	50	LOW	Q16	21.29	21.33	21.37	22.50	
	10	1	LOW	64QAM	21.66	21.35	21.77	22.50
			MID	64QAM	21.74	21.42	21.63	22.50
HIGH			64QAM	21.82	21.47	21.77	22.50	
25		LOW	64QAM	20.41	20.29	20.37	21.50	
		MID	64QAM	20.33	20.48	20.47	21.50	
		HIGH	64QAM	20.46	20.35	20.34	21.50	
50		LOW	64QAM	20.46	20.42	20.17	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	37825	38000	38175	Tune-up power(dBm)	
15	1	LOW	QPSK	23.16	23.06	23.32	24.50	
		MID	QPSK	23.33	23.24	23.34	24.50	
		HIGH	QPSK	23.12	23.25	23.48	24.50	
	36	LOW	QPSK	22.34	22.35	22.27	23.50	
		MID	QPSK	22.26	22.53	22.32	23.50	
		HIGH	QPSK	22.55	22.48	22.26	23.50	
	75	LOW	QPSK	22.49	22.26	22.33	23.50	
	15	1	LOW	Q16	22.55	22.30	22.93	23.50
			MID	Q16	22.77	22.61	22.78	23.50
HIGH			Q16	22.57	22.35	22.88	23.50	
36		LOW	Q16	21.17	21.51	21.28	22.50	
		MID	Q16	21.32	21.35	21.47	22.50	
		HIGH	Q16	21.52	21.39	21.37	22.50	
75		LOW	Q16	21.25	21.35	21.39	22.50	
15		1	LOW	64QAM	21.51	21.58	21.95	22.50
			MID	64QAM	21.59	21.38	21.71	22.50
	HIGH		64QAM	21.51	21.47	22.01	22.50	
	36	LOW	64QAM	20.47	20.25	20.45	21.50	
		MID	64QAM	20.55	20.34	20.26	21.50	
		HIGH	64QAM	20.42	20.41	20.29	21.50	
	75	LOW	64QAM	20.16	20.34	20.31	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	37850	38000	38150	Tune-up power(dBm)
	20	1	LOW	QPSK	23.35	23.34	23.41	24.50
MID			QPSK	23.45	23.45	23.53	24.50	
HIGH			QPSK	23.38	23.32	23.48	24.50	
50		LOW	QPSK	22.43	22.48	22.45	23.50	
		MID	QPSK	22.48	22.51	22.52	23.50	
		HIGH	QPSK	22.48	22.44	22.48	23.50	
100		LOW	QPSK	22.49	22.44	22.44	23.50	
20		1	LOW	Q16	22.69	22.50	22.86	23.50
			MID	Q16	22.79	22.59	22.96	23.50
	HIGH		Q16	22.75	22.48	22.95	23.50	
	50	LOW	Q16	21.43	21.49	21.47	22.50	
		MID	Q16	21.43	21.44	21.53	22.50	
		HIGH	Q16	21.46	21.43	21.50	22.50	
	100	LOW	Q16	21.44	21.44	21.43	22.50	
	20	1	LOW	64QAM	21.62	21.52	21.88	22.50
			MID	64QAM	21.81	21.64	21.89	22.50
HIGH			64QAM	21.75	21.41	21.97	22.50	
50		LOW	64QAM	20.45	20.43	20.41	21.50	
		MID	64QAM	20.49	20.46	20.49	21.50	
		HIGH	64QAM	20.40	20.47	20.52	21.50	
100		LOW	64QAM	20.40	20.38	20.37	21.50	

8.3.10LTE Band41 Output Power

LTE B41-Level1-Ant.3										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.96	17.94	17.99	17.85	17.99	18.50	
		MID	QPSK	17.99	17.88	18.02	17.77	17.99	18.50	
		HIGH	QPSK	18.01	17.76	18.03	17.98	18.02	18.50	
	12	LOW	QPSK	17.86	17.81	17.97	17.72	17.97	18.50	
		MID	QPSK	17.88	17.61	17.99	17.86	17.97	18.50	
		HIGH	QPSK	17.90	17.90	17.92	17.97	17.99	18.50	
	25	LOW	QPSK	17.87	17.60	17.95	17.77	18.00	18.50	
	5	1	LOW	Q16	18.11	17.93	18.32	18.10	18.14	18.50
			MID	Q16	18.15	18.15	18.30	18.06	18.17	18.50
HIGH			Q16	18.17	18.15	18.29	18.04	18.20	18.50	
12		LOW	Q16	17.96	17.76	17.99	17.93	18.06	18.50	
		MID	Q16	17.95	17.72	17.96	17.94	18.08	18.50	
		HIGH	Q16	17.95	17.77	17.95	17.95	18.11	18.50	
25		LOW	Q16	17.89	17.68	18.01	17.74	18.01	18.50	
5		1	LOW	64QAM	18.07	18.09	18.37	17.85	18.09	18.50
			MID	64QAM	18.20	18.05	18.34	18.00	18.13	18.50
	HIGH		64QAM	18.15	17.88	18.29	18.13	18.22	18.50	
	12	LOW	64QAM	17.96	17.65	17.94	17.77	18.04	18.50	
		MID	64QAM	17.97	18.01	17.94	18.13	18.08	18.50	
		HIGH	64QAM	17.91	17.93	17.97	18.05	18.16	18.50	
	25	LOW	64QAM	17.94	17.98	17.99	17.98	17.96	18.50	
10	1	LOW	QPSK	17.86	17.77	18.04	17.87	17.87	18.50	
		MID	QPSK	17.90	17.79	18.04	17.84	17.98	18.50	
		HIGH	QPSK	17.95	17.72	18.01	17.78	17.98	18.50	
	25	LOW	QPSK	17.87	17.82	17.98	17.79	17.88	18.50	
		MID	QPSK	17.93	17.68	17.98	17.87	17.91	18.50	
		HIGH	QPSK	17.95	17.88	18.00	17.87	18.03	18.50	
	50	LOW	QPSK	17.92	17.69	18.03	17.85	17.96	18.50	
	10	1	LOW	Q16	18.12	18.08	18.46	18.03	18.08	18.50
			MID	Q16	18.19	17.99	18.47	18.04	18.19	18.50
			HIGH	Q16	18.21	17.90	18.42	18.19	18.19	18.50
		25	LOW	Q16	17.84	17.79	18.01	17.70	17.93	18.50
			MID	Q16	17.96	17.87	17.99	17.95	17.99	18.50
			HIGH	Q16	18.00	17.77	18.02	17.78	18.05	18.50
		50	LOW	Q16	17.93	17.68	18.04	17.96	18.01	18.50
		10	1	LOW	64QAM	18.08	17.99	18.42	17.92	18.08	18.50
MID				64QAM	18.14	18.09	18.49	18.14	18.19	18.50
HIGH	64QAM			18.23	17.92	18.38	18.27	18.23	18.50	
25	LOW		64QAM	17.80	17.75	17.99	17.88	17.88	18.50	
	MID		64QAM	17.91	17.68	17.95	18.10	18.03	18.50	
	HIGH		64QAM	18.04	17.73	17.98	18.16	18.07	18.50	
50	LOW		64QAM	17.91	17.96	17.99	18.01	18.05	18.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	17.87	17.73	18.00	17.69	17.83	18.50	
		MID	QPSK	17.93	17.77	18.02	17.83	17.94	18.50	
		HIGH	QPSK	17.94	17.99	17.93	17.97	17.93	18.50	
	36	LOW	QPSK	17.80	17.62	17.97	17.64	17.85	18.50	
		MID	QPSK	17.88	17.88	17.92	17.80	17.87	18.50	
		HIGH	QPSK	17.94	17.69	17.99	17.67	17.94	18.50	
	75	LOW	QPSK	17.85	17.69	17.99	17.73	17.89	18.50	
	15	1	LOW	Q16	17.91	17.91	18.42	17.92	18.12	18.50
			MID	Q16	18.04	18.09	18.51	18.23	18.25	18.50
HIGH			Q16	18.00	17.75	18.35	18.01	18.27	18.50	
36		LOW	Q16	17.86	17.82	18.00	17.81	17.92	18.50	
		MID	Q16	17.90	17.63	17.97	17.92	17.96	18.50	
		HIGH	Q16	17.94	17.81	17.93	17.76	18.01	18.50	
75		LOW	Q16	17.89	17.87	18.01	17.71	17.89	18.50	
15		1	LOW	64QAM	17.93	17.66	18.36	17.94	18.08	18.50
			MID	64QAM	18.04	18.06	18.47	17.98	18.20	18.50
	HIGH		64QAM	18.04	17.93	18.29	18.36	18.31	18.50	
	36	LOW	64QAM	17.88	17.84	17.96	17.80	17.96	18.50	
		MID	64QAM	17.86	17.81	17.99	17.99	17.92	18.50	
		HIGH	64QAM	17.98	17.69	17.98	17.78	18.05	18.50	
	75	LOW	64QAM	17.85	17.60	17.99	17.80	17.91	18.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	17.76	17.48	17.93	17.73	17.77	18.50
MID			QPSK	17.92	17.63	18.01	17.84	17.97	18.50	
HIGH			QPSK	17.92	17.63	17.88	17.81	18.01	18.50	
50		LOW	QPSK	17.83	17.56	18.07	17.96	17.92	18.50	
		MID	QPSK	18.00	17.96	18.05	17.94	17.94	18.50	
		HIGH	QPSK	18.03	17.96	17.97	17.68	17.95	18.50	
100	LOW	QPSK	17.92	17.79	18.04	17.69	17.87	18.50		
20	1	LOW	Q16	17.91	17.68	18.15	17.99	17.97	18.50	
		MID	Q16	18.04	17.99	18.22	18.16	18.14	18.50	
		HIGH	Q16	18.04	17.86	18.07	18.03	18.14	18.50	
	50	LOW	Q16	17.82	17.86	18.04	17.89	17.94	18.50	
		MID	Q16	17.92	17.74	18.05	17.75	17.97	18.50	
		HIGH	Q16	18.01	17.78	18.00	17.88	18.04	18.50	
100	LOW	Q16	17.90	17.76	18.03	17.99	17.90	18.50		
20	1	LOW	64QAM	17.93	17.88	18.20	17.94	17.99	18.50	
		MID	64QAM	18.04	18.02	18.18	18.01	18.16	18.50	
		HIGH	64QAM	18.09	17.91	18.11	18.01	18.12	18.50	
	50	LOW	64QAM	17.84	17.77	18.06	17.89	17.94	18.50	
		MID	64QAM	17.97	17.66	18.05	17.99	17.92	18.50	
		HIGH	64QAM	18.05	18.03	18.05	17.94	18.08	18.50	
100	LOW	64QAM	17.86	17.82	18.07	17.96	17.92	18.50		

LTE B41-Level2&3-Ant.3

Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.15	17.12	17.21	17.21	17.18	17.50	
		MID	QPSK	17.15	17.16	17.22	17.18	17.23	17.50	
		HIGH	QPSK	17.15	17.16	17.26	17.17	17.21	17.50	
	12	LOW	QPSK	17.08	17.07	17.21	17.14	17.14	17.50	
		MID	QPSK	17.11	17.09	17.16	17.16	17.13	17.50	
		HIGH	QPSK	17.13	17.12	17.19	17.10	17.16	17.50	
	25	LOW	QPSK	17.12	17.08	17.18	17.14	17.15	17.50	
	5	1	LOW	Q16	17.33	17.41	17.53	17.36	17.52	17.50
			MID	Q16	17.33	17.44	17.51	17.36	17.56	17.50
HIGH			Q16	17.32	17.41	17.51	17.32	17.56	17.50	
12		LOW	Q16	17.14	17.09	17.20	17.20	17.20	17.50	
		MID	Q16	17.14	17.11	17.14	17.19	17.22	17.50	
		HIGH	Q16	17.19	17.08	17.16	17.14	17.28	17.50	
25		LOW	Q16	17.12	17.13	17.21	17.16	17.17	17.50	
5		1	LOW	64QAM	17.26	17.45	17.44	17.38	17.56	17.50
			MID	64QAM	17.22	17.39	17.40	17.31	17.54	17.50
	HIGH		64QAM	17.37	17.50	17.55	17.32	17.63	17.50	
	12	LOW	64QAM	17.11	17.09	17.24	17.20	17.18	17.50	
		MID	64QAM	17.09	17.08	17.17	17.21	17.26	17.50	
		HIGH	64QAM	17.24	16.98	17.09	17.19	17.17	17.50	
	25	LOW	64QAM	17.02	17.15	17.19	17.16	17.08	17.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	17.08	17.08	17.27	17.19	17.11	17.50
MID			QPSK	17.13	17.13	17.26	17.23	17.20	17.50	
HIGH			QPSK	17.17	17.16	17.22	17.14	17.21	17.50	
25		LOW	QPSK	17.05	17.08	17.21	17.12	17.11	17.50	
		MID	QPSK	17.12	17.10	17.20	17.16	17.13	17.50	
		HIGH	QPSK	17.20	17.13	17.19	17.13	17.20	17.50	
50		LOW	QPSK	17.13	17.15	17.22	17.19	17.14	17.50	
10		1	LOW	Q16	17.37	17.37	17.62	17.58	17.49	17.50
			MID	Q16	17.39	17.42	17.67	17.57	17.53	17.50
	HIGH		Q16	17.41	17.40	17.64	17.51	17.61	17.50	
	25	LOW	Q16	17.03	17.13	17.26	17.20	17.20	17.50	
		MID	Q16	17.12	17.16	17.21	17.22	17.18	17.50	
		HIGH	Q16	17.24	17.17	17.21	17.18	17.24	17.50	
	50	LOW	Q16	17.13	17.14	17.26	17.24	17.18	17.50	
	10	1	LOW	64QAM	17.42	17.37	17.55	17.53	17.47	17.50
			MID	64QAM	17.46	17.33	17.58	17.59	17.53	17.50
HIGH			64QAM	17.34	17.49	17.53	17.40	17.63	17.50	
25		LOW	64QAM	16.96	17.15	17.17	17.10	17.22	17.50	
		MID	64QAM	17.21	17.25	17.17	17.15	17.16	17.50	
		HIGH	64QAM	17.26	17.17	17.28	17.11	17.31	17.50	
50		LOW	64QAM	17.08	17.04	17.15	17.31	17.25	17.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	17.02	17.04	17.20	17.20	17.05	17.50	
		MID	QPSK	17.12	17.11	17.24	17.19	17.09	17.50	
		HIGH	QPSK	17.09	17.10	17.15	17.05	17.10	17.50	
	36	LOW	QPSK	17.01	17.06	17.16	17.16	17.07	17.50	
		MID	QPSK	17.09	17.09	17.17	17.18	17.09	17.50	
		HIGH	QPSK	17.09	17.11	17.14	17.16	17.09	17.50	
	75	LOW	QPSK	17.08	17.09	17.19	17.17	17.12	17.50	
	15	1	LOW	Q16	17.32	17.33	17.62	17.52	17.32	17.50
			MID	Q16	17.41	17.41	17.67	17.51	17.42	17.50
HIGH			Q16	17.38	17.39	17.58	17.38	17.43	17.50	
36		LOW	Q16	17.03	17.09	17.17	17.20	17.10	17.50	
		MID	Q16	17.10	17.11	17.18	17.24	17.17	17.50	
		HIGH	Q16	17.13	17.12	17.17	17.19	17.15	17.50	
75		LOW	Q16	17.07	17.11	17.17	17.20	17.10	17.50	
15		1	LOW	64QAM	17.28	17.29	17.55	17.43	17.23	17.50
			MID	64QAM	17.43	17.43	17.58	17.47	17.38	17.50
	HIGH		64QAM	17.42	17.44	17.53	17.38	17.38	17.50	
	36	LOW	64QAM	16.93	17.06	17.12	17.27	17.10	17.50	
		MID	64QAM	17.00	17.01	17.15	17.20	17.20	17.50	
		HIGH	64QAM	17.10	17.05	17.10	17.21	17.10	17.50	
	75	LOW	64QAM	17.04	17.16	17.22	17.20	17.08	17.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	16.93	16.96	17.08	17.24	17.03	17.50
MID			QPSK	17.12	17.11	17.21	17.32	17.15	17.50	
HIGH			QPSK	17.07	17.11	17.04	17.12	17.17	17.50	
50		LOW	QPSK	17.03	17.09	17.22	17.22	17.12	17.50	
		MID	QPSK	17.12	17.13	17.20	17.25	17.14	17.50	
		HIGH	QPSK	17.18	17.18	17.15	17.22	17.13	17.50	
100		LOW	QPSK	17.09	17.13	17.20	17.20	17.06	17.50	
20		1	LOW	Q16	17.29	17.32	17.24	17.57	17.41	17.50
			MID	Q16	17.42	17.46	17.37	17.67	17.58	17.50
	HIGH		Q16	17.37	17.41	17.25	17.54	17.56	17.50	
	50	LOW	Q16	16.92	17.08	17.17	17.24	17.19	17.50	
		MID	Q16	17.12	17.10	17.24	17.26	17.16	17.50	
		HIGH	Q16	17.12	17.16	17.14	17.23	17.17	17.50	
	100	LOW	Q16	17.08	17.11	17.15	17.20	17.06	17.50	
	20	1	LOW	64QAM	17.27	17.36	17.31	17.59	17.39	17.50
			MID	64QAM	17.42	17.51	17.44	17.71	17.63	17.50
HIGH			64QAM	17.37	17.34	17.32	17.52	17.63	17.50	
50		LOW	64QAM	17.01	17.13	17.12	17.22	17.21	17.50	
		MID	64QAM	17.05	17.17	17.13	17.24	17.23	17.50	
		HIGH	64QAM	17.21	17.19	17.23	17.21	17.26	17.50	
100		LOW	64QAM	17.06	17.13	17.13	17.22	16.96	17.50	

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Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	20.28	20.65	20.29	20.89	19.98	21.50	
		MID	QPSK	20.38	20.77	20.14	21.02	20.24	21.50	
		HIGH	QPSK	20.21	20.78	20.26	20.87	20.41	21.50	
	12	LOW	QPSK	20.27	21.01	20.44	20.85	20.11	21.50	
		MID	QPSK	20.34	20.87	20.46	20.93	20.13	21.50	
		HIGH	QPSK	20.32	21.01	20.26	20.86	20.42	21.50	
	25	LOW	QPSK	20.36	20.85	20.49	20.95	20.23	21.50	
	5	1	LOW	Q16	20.55	21.04	20.41	21.35	20.31	21.50
			MID	Q16	20.58	21.07	20.61	20.39	20.67	21.50
HIGH			Q16	20.57	21.02	20.43	21.17	20.70	21.50	
12		LOW	Q16	19.79	20.31	19.94	20.41	20.24	20.50	
		MID	Q16	20.33	20.22	20.05	20.19	20.04	20.50	
		HIGH	Q16	20.12	19.98	20.05	20.02	20.15	20.50	
25		LOW	Q16	19.91	20.05	20.27	20.26	19.81	20.50	
5		1	LOW	64QAM	19.70	19.47	19.93	19.57	19.55	20.50
			MID	64QAM	19.65	19.64	19.99	20.00	20.12	20.50
	HIGH		64QAM	19.90	19.36	19.86	20.16	19.88	20.50	
	12	LOW	64QAM	18.74	18.30	19.14	18.68	18.88	19.50	
		MID	64QAM	18.88	18.63	18.90	18.64	18.86	19.50	
		HIGH	64QAM	19.05	19.00	18.75	18.98	19.10	19.50	
	25	LOW	64QAM	18.96	18.50	18.93	18.63	18.76	19.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	20.10	20.69	20.29	21.14	20.02	21.50
MID			QPSK	20.28	21.06	20.22	21.08	20.42	21.50	
HIGH			QPSK	20.09	20.70	20.44	20.82	20.37	21.50	
25		LOW	QPSK	20.33	20.91	20.44	20.89	20.13	21.50	
		MID	QPSK	20.24	20.87	20.23	20.76	20.09	21.50	
		HIGH	QPSK	20.44	20.76	20.40	20.88	20.44	21.50	
50		LOW	QPSK	20.14	20.97	20.49	21.07	20.19	21.50	
10		1	LOW	Q16	20.43	20.97	20.41	21.36	20.31	21.50
			MID	Q16	20.62	21.39	20.51	20.13	20.71	21.50
	HIGH		Q16	20.47	21.19	20.55	21.21	20.70	21.50	
	25	LOW	Q16	19.89	20.05	19.76	20.37	20.06	20.50	
		MID	Q16	20.09	20.32	20.03	20.23	19.96	20.50	
		HIGH	Q16	19.86	20.20	20.31	20.04	20.11	20.50	
	50	LOW	Q16	20.21	20.27	20.35	20.42	19.75	20.50	
	10	1	LOW	64QAM	19.78	19.65	19.93	19.55	19.65	20.50
			MID	64QAM	19.79	19.48	19.99	20.10	20.02	20.50
HIGH			64QAM	19.64	19.40	19.86	19.86	19.94	20.50	
25		LOW	64QAM	18.84	18.57	18.87	18.61	18.84	19.50	
		MID	64QAM	19.06	18.71	19.03	18.75	18.77	19.50	
		HIGH	64QAM	19.15	19.09	19.05	18.94	18.95	19.50	
50		LOW	64QAM	18.69	18.67	19.01	18.65	18.82	19.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	20.24	20.61	20.29	20.99	20.18	21.50	
		MID	QPSK	20.22	21.00	20.32	21.02	20.32	21.50	
		HIGH	QPSK	20.03	20.72	20.36	20.97	20.19	21.50	
	36	LOW	QPSK	20.21	20.99	20.44	21.04	20.13	21.50	
		MID	QPSK	20.24	20.72	20.34	20.84	20.11	21.50	
		HIGH	QPSK	20.34	20.87	20.46	21.18	20.14	21.50	
	75	LOW	QPSK	20.24	20.72	20.49	21.05	20.07	21.50	
	15	1	LOW	Q16	20.49	20.95	20.41	21.41	20.43	21.50
			MID	Q16	20.60	21.28	20.42	20.17	20.73	21.50
HIGH			Q16	20.43	21.16	20.30	21.13	20.51	21.50	
36		LOW	Q16	19.95	20.25	19.88	20.47	20.22	20.50	
		MID	Q16	20.27	20.22	20.03	20.43	20.10	20.50	
		HIGH	Q16	19.94	20.08	20.29	20.10	20.07	20.50	
75		LOW	Q16	20.23	20.31	20.37	20.34	19.63	20.50	
15		1	LOW	64QAM	19.56	19.69	19.93	19.59	19.75	20.50
			MID	64QAM	19.75	19.58	19.99	20.10	19.86	20.50
	HIGH		64QAM	19.64	19.54	19.86	19.98	20.00	20.50	
	36	LOW	64QAM	18.67	18.59	19.10	18.76	18.90	19.50	
		MID	64QAM	18.99	18.59	18.92	18.83	18.73	19.50	
		HIGH	64QAM	19.11	19.19	18.90	18.83	18.95	19.50	
	75	LOW	64QAM	18.73	18.61	18.99	18.63	18.80	19.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	20.20	20.71	20.29	21.12	20.20	21.50
MID			QPSK	20.34	21.00	20.32	21.10	20.40	21.50	
HIGH			QPSK	20.23	20.91	20.34	20.95	20.39	21.50	
50		LOW	QPSK	20.31	20.93	20.44	21.04	20.33	21.50	
		MID	QPSK	20.36	20.87	20.46	20.99	20.29	21.50	
		HIGH	QPSK	20.44	20.91	20.46	21.07	20.36	21.50	
100	LOW	QPSK	20.28	20.87	20.49	21.03	20.29	21.50		
20	1	LOW	Q16	20.53	21.12	20.41	21.50	20.63	21.50	
		MID	Q16	20.62	21.28	20.63	20.33	20.86	21.50	
		HIGH	Q16	20.55	21.08	20.53	21.32	20.74	21.50	
	50	LOW	Q16	19.85	20.25	19.98	20.39	20.26	20.50	
		MID	Q16	20.31	20.38	20.21	20.35	20.04	20.50	
		HIGH	Q16	20.08	20.10	20.25	20.08	20.07	20.50	
100	LOW	Q16	20.13	20.21	20.35	20.42	19.77	20.50		
20	1	LOW	64QAM	19.76	19.63	19.93	19.77	19.77	20.50	
		MID	64QAM	19.85	19.62	19.99	20.12	20.08	20.50	
		HIGH	64QAM	19.84	19.52	19.86	20.06	20.02	20.50	
	50	LOW	64QAM	18.76	18.50	19.04	18.74	19.01	19.50	
		MID	64QAM	18.97	18.65	19.07	18.77	18.94	19.50	
		HIGH	64QAM	19.05	19.11	18.96	19.02	19.12	19.50	
100	LOW	64QAM	18.90	18.67	18.97	18.72	18.93	19.50		

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Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	20.02	19.80	20.02	20.02	20.04	20.50	
		MID	QPSK	20.06	19.84	20.02	19.83	20.01	20.50	
		HIGH	QPSK	20.06	19.78	20.03	20.11	20.05	20.50	
	12	LOW	QPSK	19.94	19.84	20.00	19.98	20.00	20.50	
		MID	QPSK	19.93	19.79	20.04	19.91	20.03	20.50	
		HIGH	QPSK	19.95	19.87	19.99	20.09	20.03	20.50	
	25	LOW	QPSK	19.91	19.57	19.97	19.84	20.00	20.50	
	5	1	LOW	Q16	20.16	20.18	20.35	19.89	20.17	20.50
			MID	Q16	20.17	20.15	20.33	20.14	20.14	20.50
HIGH			Q16	20.19	20.13	20.33	20.07	20.21	20.50	
12		LOW	Q16	19.98	19.78	20.01	19.87	20.09	20.50	
		MID	Q16	19.95	19.65	19.98	20.12	20.08	20.50	
		HIGH	Q16	20.00	19.72	19.94	19.98	20.10	20.50	
25		LOW	Q16	19.94	19.88	20.03	19.88	20.04	20.50	
5		1	LOW	64QAM	19.90	19.96	20.09	19.74	19.91	20.50
			MID	64QAM	20.03	19.80	20.13	19.96	19.98	20.50
	HIGH		64QAM	20.01	19.84	20.13	19.82	20.01	20.50	
	12	LOW	64QAM	19.04	18.81	18.95	18.98	19.15	19.50	
		MID	64QAM	18.97	18.67	19.02	18.96	19.04	19.50	
		HIGH	64QAM	19.04	19.02	18.98	19.00	19.08	19.50	
	25	LOW	64QAM	18.92	18.73	19.03	18.83	19.10	19.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	19.89	19.69	20.04	19.94	19.92	20.50
MID			QPSK	20.02	19.80	20.04	19.74	20.00	20.50	
HIGH			QPSK	20.00	19.96	20.02	19.96	20.04	20.50	
25		LOW	QPSK	19.83	19.89	20.00	19.81	19.89	20.50	
		MID	QPSK	19.90	19.70	19.99	19.93	19.97	20.50	
		HIGH	QPSK	19.99	19.85	20.03	19.82	20.04	20.50	
50		LOW	QPSK	19.95	19.63	20.07	20.02	19.98	20.50	
10		1	LOW	Q16	20.16	20.10	20.44	19.81	20.09	20.50
			MID	Q16	20.23	19.91	20.45	19.97	20.21	20.50
	HIGH		Q16	20.24	20.28	20.41	19.90	20.20	20.50	
	25	LOW	Q16	19.86	19.68	20.07	19.98	19.96	20.50	
		MID	Q16	19.98	19.72	20.06	20.06	20.02	20.50	
		HIGH	Q16	20.01	19.73	20.06	20.02	20.08	20.50	
	50	LOW	Q16	19.98	20.02	20.05	19.91	20.03	20.50	
	10	1	LOW	64QAM	19.90	19.58	20.20	19.74	19.93	20.50
			MID	64QAM	20.03	19.82	20.27	20.01	19.97	20.50
HIGH			64QAM	20.00	19.98	20.25	19.93	20.06	20.50	
25		LOW	64QAM	18.90	18.69	19.01	18.71	18.98	19.50	
		MID	64QAM	18.92	18.75	19.06	18.79	19.04	19.50	
		HIGH	64QAM	19.05	18.90	19.00	19.08	19.06	19.50	
50		LOW	64QAM	18.96	18.98	19.07	18.96	19.07	19.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	19.87	19.63	19.99	19.95	19.85	20.50	
		MID	QPSK	19.99	19.71	20.03	19.88	19.96	20.50	
		HIGH	QPSK	19.93	19.59	19.93	19.88	19.94	20.50	
	36	LOW	QPSK	19.84	19.58	19.90	19.79	19.89	20.50	
		MID	QPSK	19.92	19.98	19.98	19.96	19.90	20.50	
		HIGH	QPSK	19.99	19.73	19.98	20.03	19.95	20.50	
	75	LOW	QPSK	19.90	19.76	20.01	19.74	19.92	20.50	
	15	1	LOW	Q16	20.14	20.06	20.44	20.12	20.12	20.50
			MID	Q16	20.26	20.18	20.48	20.15	20.27	20.50
HIGH			Q16	20.23	19.95	20.37	20.19	20.27	20.50	
36		LOW	Q16	19.91	19.97	20.02	19.79	19.95	20.50	
		MID	Q16	19.96	19.68	20.01	19.99	19.99	20.50	
		HIGH	Q16	20.02	20.00	19.97	20.13	20.03	20.50	
75		LOW	Q16	19.91	19.63	20.03	19.63	19.91	20.50	
15		1	LOW	64QAM	20.00	19.79	20.24	19.98	19.88	20.50
			MID	64QAM	20.06	19.79	20.26	20.01	20.07	20.50
	HIGH		64QAM	19.99	19.99	20.15	20.03	20.01	20.50	
	36	LOW	64QAM	18.91	18.97	18.98	18.99	18.99	19.50	
		MID	64QAM	18.92	18.90	19.07	18.90	19.01	19.50	
		HIGH	64QAM	19.06	18.83	18.99	19.09	19.09	19.50	
	75	LOW	64QAM	18.93	18.72	19.07	18.70	18.85	19.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	19.77	19.63	19.93	19.82	19.76	20.50
MID			QPSK	19.99	19.67	20.01	20.00	19.96	20.50	
HIGH			QPSK	19.93	19.85	19.87	20.04	20.02	20.50	
50		LOW	QPSK	19.86	19.60	20.08	19.70	19.96	20.50	
		MID	QPSK	19.98	19.66	20.08	19.85	19.97	20.50	
		HIGH	QPSK	20.04	20.06	19.99	20.12	20.02	20.50	
100	LOW	QPSK	19.95	19.91	20.02	19.65	19.91	20.50		
20	1	LOW	Q16	20.16	20.08	20.13	19.99	20.07	20.50	
		MID	Q16	20.31	20.05	20.19	20.25	20.21	20.50	
		HIGH	Q16	20.28	19.94	20.07	20.03	20.23	20.50	
	50	LOW	Q16	19.86	19.68	20.12	19.93	19.95	20.50	
		MID	Q16	19.96	19.64	20.11	20.03	20.03	20.50	
		HIGH	Q16	20.03	20.03	20.02	20.06	20.06	20.50	
100	LOW	Q16	19.95	19.61	20.04	20.00	19.90	20.50		
20	1	LOW	64QAM	19.98	19.67	19.87	19.97	20.09	20.50	
		MID	64QAM	20.09	19.88	19.93	20.00	20.25	20.50	
		HIGH	64QAM	20.12	19.97	19.87	20.13	20.27	20.50	
	50	LOW	64QAM	18.82	18.71	19.06	18.76	18.97	19.50	
		MID	64QAM	18.96	18.83	19.11	18.99	19.09	19.50	
		HIGH	64QAM	19.01	19.01	19.02	18.85	19.02	19.50	
100	LOW	64QAM	18.95	18.86	19.08	19.03	18.94	19.50		

LTE B41-Level1-Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
HIGH		QPSK	22.45	22.25	22.47	22.60	22.67	23.50		
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
		HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50	
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
		HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50	
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

LTE B41-Level2&3-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
HIGH		QPSK	22.45	22.25	22.47	22.60	22.67	23.50		
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
	HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50		
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
	HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50		
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

LTE B41-Level4 (sensor off)-Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
HIGH		QPSK	22.45	22.25	22.47	22.60	22.67	23.50		
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
		HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50	
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
		HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50	
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

LTE B41-Level4 (sensor on 2)-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
HIGH		QPSK	22.45	22.25	22.47	22.60	22.67	23.50		
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
		HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50	
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
		HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50	
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

LTE B41-Level5&6 (sensor off)-Ant.4

Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
		HIGH	QPSK	22.45	22.25	22.47	22.60	22.67	23.50	
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
		HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50	
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
		HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50	
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

LTE B41-Level5&6 (sensor on 2)-Ant.4										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40148	40620	41093	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.35	23.21	23.48	23.69	23.79	24.50	
		MID	QPSK	23.37	23.37	23.47	23.62	23.79	24.50	
		HIGH	QPSK	23.40	23.05	23.48	23.69	23.83	24.50	
	12	LOW	QPSK	22.36	22.27	22.42	22.67	22.60	23.50	
		MID	QPSK	22.39	22.19	22.43	22.37	22.71	23.50	
		HIGH	QPSK	22.38	22.11	22.40	22.59	22.64	23.50	
	25	LOW	QPSK	22.38	22.31	22.38	22.50	22.61	23.50	
	5	1	LOW	Q16	22.68	22.39	22.79	22.92	22.85	23.50
			MID	Q16	22.73	22.66	22.78	22.69	22.85	23.50
HIGH			Q16	22.73	22.59	22.79	22.78	22.89	23.50	
12		LOW	Q16	21.34	21.23	21.49	21.62	21.64	22.50	
		MID	Q16	21.32	21.02	21.50	21.63	21.67	22.50	
		HIGH	Q16	21.38	21.29	21.48	21.47	21.66	22.50	
25		LOW	Q16	21.36	21.19	21.36	21.52	21.63	22.50	
5		1	LOW	64QAM	21.70	21.68	21.86	21.79	21.90	22.50
			MID	64QAM	21.75	21.49	21.71	21.63	21.85	22.50
	HIGH		64QAM	21.75	21.66	21.74	21.69	21.89	22.50	
	12	LOW	64QAM	20.30	20.16	20.51	20.68	20.66	21.50	
		MID	64QAM	20.34	20.14	20.44	20.52	20.60	21.50	
		HIGH	64QAM	20.38	20.22	20.48	20.52	20.62	21.50	
	25	LOW	64QAM	20.34	20.32	20.40	20.38	20.61	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40160	40620	41080	41540	Tune-up power(dBm)
	10	1	LOW	QPSK	23.37	23.35	23.42	23.19	23.50	24.50
MID			QPSK	23.40	23.19	23.42	23.42	23.61	24.50	
HIGH			QPSK	23.42	23.40	23.41	23.29	23.62	24.50	
25		LOW	QPSK	22.29	22.20	22.43	22.26	22.60	23.50	
		MID	QPSK	22.37	22.17	22.40	22.50	22.59	23.50	
		HIGH	QPSK	22.40	22.24	22.42	22.38	22.65	23.50	
50		LOW	QPSK	22.40	22.47	22.44	22.41	22.64	23.50	
10		1	LOW	Q16	22.64	22.71	22.81	22.90	22.90	23.50
			MID	Q16	22.67	22.35	22.81	22.89	23.03	23.50
	HIGH		Q16	22.70	22.77	22.82	22.76	23.04	23.50	
	25	LOW	Q16	21.30	21.24	21.42	21.57	21.59	22.50	
		MID	Q16	21.40	21.23	21.41	21.66	21.64	22.50	
		HIGH	Q16	21.45	21.43	21.44	21.50	21.67	22.50	
	50	LOW	Q16	21.38	21.38	21.48	21.57	21.66	22.50	
	10	1	LOW	64QAM	21.66	21.44	21.74	21.84	21.88	22.50
			MID	64QAM	21.72	21.46	21.79	22.06	22.08	22.50
HIGH			64QAM	21.72	21.39	21.80	21.66	21.97	22.50	
25		LOW	64QAM	20.32	20.20	20.48	20.57	20.61	21.50	
		MID	64QAM	20.46	20.30	20.47	20.50	20.62	21.50	
		HIGH	64QAM	20.49	20.39	20.44	20.74	20.74	21.50	
50		LOW	64QAM	20.32	20.22	20.50	20.66	20.72	21.50	

Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40173	40620	41068	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.30	23.23	23.35	23.21	23.54	24.50	
		MID	QPSK	23.41	23.15	23.44	23.36	23.64	24.50	
		HIGH	QPSK	23.39	23.23	23.37	23.28	23.61	24.50	
	36	LOW	QPSK	22.32	22.01	22.40	22.36	22.54	23.50	
		MID	QPSK	22.31	21.98	22.40	22.49	22.56	23.50	
		HIGH	QPSK	22.39	22.03	22.42	22.64	22.59	23.50	
	75	LOW	QPSK	22.33	22.15	22.43	22.59	22.54	23.50	
	15	1	LOW	Q16	22.59	22.43	22.82	22.63	22.74	23.50
			MID	Q16	22.70	22.54	22.88	22.86	22.88	23.50
HIGH			Q16	22.63	22.52	22.75	22.57	22.87	23.50	
36		LOW	Q16	21.30	20.96	21.39	21.40	21.55	22.50	
		MID	Q16	21.36	21.21	21.41	21.39	21.61	22.50	
		HIGH	Q16	21.39	21.22	21.42	21.33	21.61	22.50	
75		LOW	Q16	21.33	20.97	21.44	21.61	21.52	22.50	
15		1	LOW	64QAM	21.61	21.55	21.89	21.69	21.76	22.50
			MID	64QAM	21.70	21.66	21.93	21.73	21.93	22.50
	HIGH		64QAM	21.68	21.57	21.68	21.67	21.82	22.50	
	36	LOW	64QAM	20.36	20.12	20.35	20.67	20.59	21.50	
		MID	64QAM	20.40	20.46	20.47	20.45	20.61	21.50	
		HIGH	64QAM	20.45	20.20	20.42	20.61	20.59	21.50	
	75	LOW	64QAM	20.33	20.37	20.38	20.29	20.54	21.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
	20	1	LOW	QPSK	23.19	22.98	23.33	23.04	23.37	24.50
MID			QPSK	23.34	23.01	23.45	23.23	23.58	24.50	
HIGH			QPSK	23.29	23.13	23.33	23.53	23.60	24.50	
50		LOW	QPSK	22.28	22.15	22.49	22.53	22.64	23.50	
		MID	QPSK	22.43	22.41	22.52	22.65	22.58	23.50	
HIGH		QPSK	22.45	22.25	22.47	22.60	22.67	23.50		
100	LOW	QPSK	22.38	22.02	22.43	22.56	22.56	23.50		
20	1	LOW	Q16	22.54	22.56	22.51	22.66	22.91	23.50	
		MID	Q16	22.73	22.68	22.58	22.80	23.12	23.50	
		HIGH	Q16	22.62	22.64	22.49	22.76	23.08	23.50	
	50	LOW	Q16	21.21	21.00	21.51	21.43	21.62	22.50	
		MID	Q16	21.37	21.05	21.50	21.57	21.61	22.50	
	HIGH	Q16	21.45	21.36	21.44	21.36	21.66	22.50		
100	LOW	Q16	21.36	21.08	21.44	21.39	21.52	22.50		
20	1	LOW	64QAM	21.54	21.58	21.56	21.87	21.96	22.50	
		MID	64QAM	21.71	21.41	21.60	21.98	22.05	22.50	
		HIGH	64QAM	21.60	21.62	21.56	22.06	22.15	22.50	
	50	LOW	64QAM	20.17	20.21	20.57	20.54	20.64	21.50	
		MID	64QAM	20.41	20.06	20.56	20.41	20.55	21.50	
	HIGH	64QAM	20.41	20.12	20.42	20.58	20.62	21.50		
100	LOW	64QAM	20.40	20.05	20.40	20.56	20.50	21.50		

8.4 Intra-Band Uplink CA Power

8.4.1 LTE Band7 Uplink CA Output Power

LTE Uplink 2CA_Band 7-Level1-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	15.58	16.5
21100	21298	20	QPSK	1	High	1	Low	2	15.54	16.5
21350	21152	20	QPSK	1	Low	1	High	2	15.62	16.5

LTE Uplink 2CA_Band 7-Level2&3-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	11.63	13.5
21100	21298	20	QPSK	1	High	1	Low	2	11.61	13.5
21350	21152	20	QPSK	1	Low	1	High	2	11.57	13.5

LTE Uplink 2CA_Band 7-Level4-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.16	20
21100	21298	20	QPSK	1	High	1	Low	2	18.03	20
21350	21152	20	QPSK	1	Low	1	High	2	18.09	20

LTE Uplink 2CA_Band 7-Level5&6-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	17.03	18.5
21100	21298	20	QPSK	1	High	1	Low	2	17.12	18.5
21350	21152	20	QPSK	1	Low	1	High	2	16.92	18.5

LTE Uplink 2CA_Band 7-Level1-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	High	1	Low	2	22.84	24.5
21100	21298	20	QPSK	1	High	1	Low	2	22.9	24.5
21350	21152	20	QPSK	1	Low	1	High	2	22.86	24.5

LTE Uplink 2CA_Band 7-Level2&3-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	High	1	Low	2	22.84	24.5
21100	21298	20	QPSK	1	High	1	Low	2	22.9	24.5
21350	21152	20	QPSK	1	Low	1	High	2	22.86	24.5

LTE Uplink 2CA_Band 7-Level4 (sensor off)-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	High	1	Low	2	22.84	24.5
21100	21298	20	QPSK	1	High	1	Low	2	22.9	24.5
21350	21152	20	QPSK	1	Low	1	High	2	22.86	24.5

LTE Uplink 2CA_Band 7-Level4 (sensor on 2)-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	High	1	Low	2	22.84	24.5
21100	21298	20	QPSK	1	High	1	Low	2	22.9	24.5
21350	21152	20	QPSK	1	Low	1	High	2	22.86	24.5

LTE Uplink 2CA_Band 7-Level5&6 (sensor off)-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	High	1	Low	2	22.84	24.5
21100	21298	20	QPSK	1	High	1	Low	2	22.9	24.5
21350	21152	20	QPSK	1	Low	1	High	2	22.86	24.5

LTE Uplink 2CA_Band 7-Level5&6 (sensor on 2)-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	High	1	Low	2	22.15	23.5
21100	21298	20	QPSK	1	High	1	Low	2	22.18	23.5
21350	21152	20	QPSK	1	Low	1	High	2	22.03	23.5

8.4.2 LTE Band38 Uplink CA Output Power

LTE Uplink 2CA_Band 38-Level1-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	17.69	19
38099	37901	20	QPSK	1	High	1	Low	2	17.54	19
38150	37952	20	QPSK	1	Low	1	High	2	17.66	19

LTE Uplink 2CA_Band 38-Level2&3-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	14.02	15.5
38099	37901	20	QPSK	1	High	1	Low	2	14.18	15.5
38150	37952	20	QPSK	1	Low	1	High	2	14.11	15.5

LTE Uplink 2CA_Band 38-Level4-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.11	22
38099	37901	20	QPSK	1	High	1	Low	2	20.03	22
38150	37952	20	QPSK	1	Low	1	High	2	20.18	22

LTE Uplink 2CA_Band 38-Level5&6-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.03	21
38099	37901	20	QPSK	1	High	1	Low	2	19.92	21
38150	37952	20	QPSK	1	Low	1	High	2	20.1	21

LTE Uplink 2CA_Band 38-Level1-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

LTE Uplink 2CA_Band 38-Level2&3-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

LTE Uplink 2CA_Band 38-Level4 (sensor off)-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

LTE Uplink 2CA_Band 38-Level4 (sensor on 2)-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

LTE Uplink 2CA_Band 38-Level5&6 (sensor off)-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

LTE Uplink 2CA_Band 38-Level5&6 (sensor on 2)-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	High	1	Low	2	23.08	24.5
38099	37901	20	QPSK	1	High	1	Low	2	22.96	24.5
38150	37952	20	QPSK	1	Low	1	High	2	23.11	24.5

8.4.3 LTE Band41 Uplink CA Output Power

LTE Uplink 2CA_Band 41-Level1-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	17.94	18.5
40185	40383	20	QPSK	1	High	1	Low	2	17.8	18.5
40620	40818	20	QPSK	1	High	1	Low	2	17.86	18.5
41055	40857	20	QPSK	1	Low	1	High	2	17.91	18.5
41490	41292	20	QPSK	1	Low	1	High	2	17.82	18.5

LTE Uplink 2CA_Band 41-Level2&3-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	17.04	18
40185	40383	20	QPSK	1	High	1	Low	2	17.12	18
40620	40818	20	QPSK	1	High	1	Low	2	16.93	18
41055	40857	20	QPSK	1	Low	1	High	2	17.01	18
41490	41292	20	QPSK	1	Low	1	High	2	16.88	18

LTE Uplink 2CA_Band 41-Level4-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	19.77	21.5
40185	40383	20	QPSK	1	High	1	Low	2	19.62	21.5
40620	40818	20	QPSK	1	High	1	Low	2	19.82	21.5
41055	40857	20	QPSK	1	Low	1	High	2	19.9	21.5
41490	41292	20	QPSK	1	Low	1	High	2	19.63	21.5

LTE Uplink 2CA_Band 41-Level5&6-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	19.82	20.5
40185	40383	20	QPSK	1	High	1	Low	2	19.76	20.5
40620	40818	20	QPSK	1	High	1	Low	2	19.71	20.5
41055	40857	20	QPSK	1	Low	1	High	2	19.57	20.5
41490	41292	20	QPSK	1	Low	1	High	2	19.63	20.5

LTE Uplink 2CA_Band 41-Level1-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	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

LTE Uplink 2CA_Band 41-Level2&3-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	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

LTE Uplink 2CA_Band 41-Level4 (sensor on 1)-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	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

LTE Uplink 2CA_Band 41-Level4 (sensor on 2)-ANT3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
39750	39948	20	QPSK	1	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

LTE Uplink 2CA_Band 41-Level5&6 (sensor on 1)-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	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

LTE Uplink 2CA_Band 41-Level5&6 (sensor on 2)-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	High	1	Low	2	22.62	24.5
40185	40383	20	QPSK	1	High	1	Low	2	22.51	24.5
40620	40818	20	QPSK	1	High	1	Low	2	22.56	24.5
41055	40857	20	QPSK	1	Low	1	High	2	22.69	24.5
41490	41292	20	QPSK	1	Low	1	High	2	22.5	24.5

8.5 Downlink CA Power
 8.5.1 Downlink CA Power for Up Antenna

LEVEL1

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7C	3	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	16.07	15.48
7B	3	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	15.99	15.42
38C	3	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	18.03	17.66
41C	3	41	20M	40620	2593	1	49	40620	2593	41	20M	40818	2612.8	18.01	17.59

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7A-7A	3	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	16.07	15.62
41A-41A	3	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	18.01	17.46
66A-66A	3	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	16.77	16.14

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7A	3	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	17.21	16.86
4A-5A	3	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	17.24	16.79
4A-7A	3	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	17.24	16.82
4A-26A	3	4	20M	20300	1745	1	49	2300	2145	26	15M	8865	876.5	17.24	16.73
5A-7A	0	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	22.60	22.08
5A-41A	0	5	10M	20525	836.5	1	49	2525	881.5	41	20M	40620	2593	22.60	22.13
7A-26A	3	7	20M	21350	2560	1	49	3350	2680	26	15M	8865	876.5	16.07	15.57

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	3	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	2902	2635.2	17.21	16.82
4A-7C	3	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	17.24	16.68
5A-7C	0	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	7	20M	2902	2635.2	22.60	22.19
41A-41C	3	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	41	5M	39873	2518.3	18.01	17.53
4A-5A-7A	3	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	7	20M	3100	2655	17.24	16.66
5A-7A-7A	0	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	7	5M	2775	2622.5	22.60	22.20
5A-7A-66A	0	5	10M	20525	836.5	1	49	2525	881.5	7	20M	3100	2655	66	20M	66786	2145	22.60	22.07
7A-66A-66A	3	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	66	1.4M	66443	2110.7	16.07	15.62
41A-41A-41A	3	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	41	5M	41565	2687.5	18.01	17.48

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	3	41	20M	40620	2593	1	49	40620	2593	41	20M	40818	2612.8	41	20M	41016	2632.6	18.01	17.54

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	3	41	20M	40620	2593	1	49	40620	2593	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	18.01	17.60

LEVEL2&3

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7C	3	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	13.05	12.69
7B	3	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	13.06	12.64
38C	3	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	14.98	14.53
41C	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	20M	41253	2656.3	17.32	16.78

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7A-7A	3	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	13.05	12.62
41A-41A	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	5M	39675	2498.5	17.32	16.80
66A-66A	3	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	16.26	15.81

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7A	3	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	13.03	12.54
4A-5A	3	4	20M	20175	1732.5	1	49	2175	2132.5	5	10M	2525	881.5	15.57	15.10
4A-7A	3	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	15.57	15.04
4A-26A	3	4	20M	20175	1732.5	1	49	2175	2132.5	26	15M	8865	876.5	15.57	15.13
5A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	18.16	17.78
5A-41A	0	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	18.16	17.71
7A-26A	3	7	20M	21350	2560	1	49	3350	2680	26	15M	8865	876.5	13.05	12.64

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	3	2	20M	18900	1880	1	49	900	1960	7	20M	3100	2655	7	20M	2902	2635.2	13.03	12.67
4A-7C	3	4	20M	20175	1732.5	1	49	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	15.57	15.12
5A-7C	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	18.16	17.63
41A-41C	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	17.32	16.80
4A-5A-7A	3	4	20M	20175	1732.5	1	49	2175	2132.5	5	10M	2525	881.5	7	20M	3100	2655	15.57	15.12
5A-7A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	18.16	17.62
5A-7A-66A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	18.16	17.68
7A-66A-66A	3	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	66	1.4M	66443	2110.7	13.05	12.63
41A-41A-41A	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	5M	39675	2498.5	41	5M	41565	2687.5	17.32	16.74

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	20M	41253	2656.3	41	20M	41451	2676.1	17.32	16.85

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	3	41	20M	41055	2636.5	1	49	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	17.32	16.89

LEVEL4

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7C	3	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	19.60	19.14
7B	3	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	19.60	19.17
38C	3	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	21.47	21.03
41C	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	20M	41253	2656.3	21.12	20.66

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7A-7A	3	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	19.60	19.08
41A-41A	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	5M	39675	2498.5	21.12	20.63
66A-66A	3	66	20M	132072	1720	1	99	66536	2120	66	1.4M	67129	2179.3	21.16	20.68

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7A	3	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	21.67	21.19
4A-5A	3	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	22.15	21.74
4A-7A	3	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	22.15	21.72
4A-26A	3	4	20M	20175	1732.5	1	99	2175	2132.5	26	15M	8865	876.5	22.15	21.79
5A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.57	23.14
5A-41A	0	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.57	23.09
7A-26A	3	7	20M	21350	2560	1	49	3350	2680	26	15M	8865	876.5	19.60	19.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	3	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	21.67	21.14
4A-7C	3	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	22.15	21.80
5A-7C	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.57	23.06
41A-41C	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	21.12	20.62
4A-5A-7A	3	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	7	20M	3100	2655	22.15	21.73
5A-7A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.57	23.11
5A-7A-66A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.57	23.04
7A-66A-66A	3	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	66	5M	66443	2110.7	19.60	19.13
41A-41A-41A	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	5M	39675	2498.5	41	5M	41565	2687.5	21.12	20.55

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	20M	41253	2656.3	41	20M	41451	2676.1	21.12	20.67

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	3	41	20M	41055	2636.5	1	0	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	21.12	20.62

LEVEL5&6

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7C	3	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	18.06	17.64
7B	3	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	18.02	17.67
38C	3	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	20.09	19.60
41C	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	20M	41253	2656.3	20.04	19.58

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
7A-7A	3	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	18.06	17.64
41A-41A	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	5M	39675	2498.5	20.04	19.62
66A-66A	3	66	20M	132572	1770	1	49	67036	2170	66	1.4M	66443	2110.7	20.29	19.88

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7A	3	2	20M	19100	1880	1	49	1100	1980	7	20M	3100	2655	19.04	18.63
4A-5A	3	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	20.29	19.77
4A-7A	3	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	20.29	19.68
4A-26A	3	4	20M	20175	1732.5	1	99	2175	2132.5	26	15M	8865	876.5	20.29	19.72
5A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.57	23.06
5A-41A	0	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.57	23.12
7A-26A	3	7	20M	21350	2560	1	49	3350	2680	26	15M	8865	876.5	18.06	17.56

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	3	2	20M	19100	1880	1	49	1100	1980	7	20M	3100	2655	7	20M	2902	2635.2	19.04	18.59
4A-7C	3	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	20.29	19.72
5A-7C	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.57	23.02
41A-41C	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	20.04	19.63
4A-5A-7A	3	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	7	20M	3100	2655	20.29	19.64
5A-7A-7A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.57	23.08
5A-7A-66A	0	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.57	23.06
7A-66A-66A	3	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	66	5M	66443	2110.7	18.06	17.64
41A-41A-41A	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	5M	39675	2498.5	41	5M	41565	2687.5	20.04	19.62

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	20M	41253	2656.3	41	20M	41451	2676.1	20.04	19.58

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	3	41	20M	41055	2636.5	1	99	41055	2636.5	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	20.04	19.54

8.5.2 Downlink CA Power for Down Antenna

LEVEL1

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	23.59	23.07
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	23.62	23.03
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	20850	2510	1	49	2850	2630	7	5M	3425	2687.5	23.59	23.04
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	23.14	22.73

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	23.21	22.74
4A-5A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	23.09	22.68
4A-7A	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	23.09	22.68
4A-26A	4	4	20M	20300	1745	1	49	2300	2145	26	15M	8865	876.5	23.09	22.68
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	20850	2510	1	49	2850	2630	26	15M	8865	876.5	23.59	23.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	23.21	22.72
4A-7C	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	23.09	22.62
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	7	20M	3100	2655	23.09	23.58
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	66	1.4M	66443	2110.7	23.59	23.16
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

LEVEL2&3

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	23.59	23.07
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	23.62	23.03
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	20850	2510	1	49	2850	2630	7	5M	3425	2687.5	23.59	23.04
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	23.14	22.73

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	23.21	22.74
4A-5A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	23.09	22.68
4A-7A	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	23.09	22.68
4A-26A	4	4	20M	20300	1745	1	49	2300	2145	26	15M	8865	876.5	23.09	22.68
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	20850	2510	1	49	2850	2630	26	15M	8865	876.5	23.59	23.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	23.21	22.72
4A-7C	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	23.09	22.62
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	7	20M	3100	2655	23.09	23.58
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	66	1.4M	66443	2110.7	23.59	23.16
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

LEVEL4(sensor off)

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	23.59	23.07
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	23.62	23.03
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	20850	2510	1	49	2850	2630	7	5M	3425	2687.5	23.59	23.04
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	23.14	22.73

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	23.21	22.74
4A-5A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	23.09	22.68
4A-7A	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	23.09	22.68
4A-26A	4	4	20M	20300	1745	1	49	2300	2145	26	15M	8865	876.5	23.09	22.68
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	20850	2510	1	49	2850	2630	26	15M	8865	876.5	23.59	23.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	23.21	22.72
4A-7C	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	23.09	22.62
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	7	20M	3100	2655	23.09	23.58
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	66	1.4M	66443	2110.7	23.59	23.16
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

LEVEL4(sensor on 2)

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	23.59	23.07
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	23.62	23.03
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	20850	2510	1	49	2850	2630	7	5M	3425	2687.5	23.59	23.04
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132572	1770	1	49	67036	2170	66	1.4M	66443	2110.7	21.41	20.02

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	0	700	1940	7	20M	3100	2655	21.38	20.64
4A-5A	4	4	20M	20050	1720	1	49	2050	2120	5	10M	2525	881.5	21.45	20.96
4A-7A	4	4	20M	20050	1720	1	49	2050	2120	7	20M	3100	2655	21.45	20.94
4A-26A	4	4	20M	20050	1720	1	49	2050	2120	26	15M	8865	876.5	21.45	20.83
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	20850	2510	1	49	2850	2630	26	15M	8865	876.5	23.59	23.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	0	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	21.38	20.66
4A-7C	4	4	20M	20050	1720	1	49	2050	2120	7	20M	3100	2655	7	20M	2902	2635.2	21.45	20.94
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20050	1720	1	49	2050	2120	5	10M	2525	881.5	7	20M	3100	2655	21.45	21.05
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	66	1.4M	66443	2110.7	23.59	23.16
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

LEVEL5&6(sensor off)

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	20850	2510	1	49	2850	2630	7	20M	3048	2649.8	23.59	23.07
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	23.62	23.03
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	20850	2510	1	49	2850	2630	7	5M	3425	2687.5	23.59	23.04
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	23.14	22.73

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	23.21	22.74
4A-5A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	23.09	22.68
4A-7A	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	23.09	22.68
4A-26A	4	4	20M	20300	1745	1	49	2300	2145	26	15M	8865	876.5	23.09	22.68
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	20850	2510	1	49	2850	2630	26	15M	8865	876.5	23.59	23.11

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	23.21	22.72
4A-7C	4	4	20M	20300	1745	1	49	2300	2145	7	20M	3100	2655	7	20M	2902	2635.2	23.09	22.62
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20300	1745	1	49	2300	2145	5	10M	2525	881.5	7	20M	3100	2655	23.09	23.58
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	20850	2510	1	49	2850	2630	66	20M	66786	2145	66	1.4M	66443	2110.7	23.59	23.16
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

LEVEL5&6(sensor on 2)

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7C	4	7	20M	21350	2560	1	49	3350	2680	7	20M	3152	2660.2	22.84	22.51
7B	4	7	15M	21327	2557.7	1	49	3327	2677.7	7	5M	3420	2687	22.66	22.32
38C	4	38	20M	38150	2610	1	49	38150	2610	38	20M	37952	2590.2	23.53	23.10
41C	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	23.60	23.08

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
7A-7A	4	7	20M	21350	2560	1	49	3350	2680	7	5M	2775	2622.5	22.84	22.48
41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	23.60	23.09
66A-66A	4	66	20M	132322	1745	1	49	66786	2145	66	1.4M	66443	2110.7	21.27	20.76

CA Combination	Antenna	PCC								SCC1				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA Active
2A-7A	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	20.58	20.13
4A-5A	4	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	21.06	20.58
4A-7A	4	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	21.06	20.60
4A-26A	4	4	20M	20175	1732.5	1	99	2175	2132.5	26	15M	8865	876.5	21.06	20.51
5A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	23.74	23.36
5A-41A	1	5	10M	20450	829	1	49	2450	874	41	20M	40620	2593	23.74	23.32
7A-26A	4	7	20M	21350	2560	1	49	3350	2680	26	15M	8865	876.5	22.84	22.42

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
2A-7C	4	2	20M	18700	1880	1	49	700	1940	7	20M	3100	2655	7	20M	2902	2635.2	20.58	20.07
4A-7C	4	4	20M	20175	1732.5	1	99	2175	2132.5	7	20M	3100	2655	7	20M	2902	2635.2	21.06	20.54
5A-7C	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	20M	2902	2635.2	23.74	23.18
41A-41C	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	23.60	23.11
4A-5A-7A	4	4	20M	20175	1732.5	1	99	2175	2132.5	5	10M	2525	881.5	7	20M	3100	2655	21.06	20.57
5A-7A-7A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	7	5M	2775	2622.5	23.74	23.26
5A-7A-66A	1	5	10M	20450	829	1	49	2450	874	7	20M	3100	2655	66	20M	66786	2145	23.74	23.23
7A-66A-66A	4	7	20M	21350	2560	1	49	3350	2680	66	20M	66786	2145	66	1.4M	66443	2110.7	22.84	22.27
41A-41A-41A	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	41565	2687.5	23.60	23.12

CA Combination	Antenna	PCC								SCC1				SCC2				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41D	4	41	20M	41490	2680	1	99	41490	2680	41	20M	41292	2660.2	41	20M	41094	2640.4	23.6	23.08

CA Combination	Antenna	PCC								SCC1				SCC2				SCC3				Power(dBm)	
		LTE Band	BW (MHz)	UL Ch.	UL Freq. (MHz)	RB Size	RB Offset	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	LTE Band	BW (MHz)	DL Ch.	DL Freq. (MHz)	Single Carrier Tx Power	Tx Power with DL-CA
41A-41D	4	41	20M	41490	2680	1	99	41490	2680	41	5M	39675	2498.5	41	5M	39873	2518.3	41	5M	40071	2538.1	23.60	23.10

8.6 5G NR Output Power

8.6.1 5G n5 Output Power

5G N5-Level1-ANT0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	21.46	21.57	21.29	22.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	21.44	21.83	21.53	22.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	21.81	21.40	21.16	22.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.74	21.70	21.42	22.00
		1	53	21.66	21.83	21.44	22.00
		1	104	21.40	21.40	21.53	22.00
	DFT-s-OFDM BPSK	50	0	21.41	21.62	21.66	22.00
		50	28	21.23	21.66	21.38	22.00
		50	56	21.70	21.68	21.65	22.00
	DFT-s-OFDM BPSK	100	0	21.64	21.79	21.58	22.00
	DFT-s-OFDM QPSK	1	1	21.33	21.35	21.20	22.00
		1	53	21.84	21.72	21.37	22.00
		1	104	21.40	21.23	21.15	22.00
	DFT-s-OFDM QPSK	50	0	21.26	21.66	21.53	22.00
		50	28	21.25	21.38	21.13	22.00
		50	56	21.73	21.38	21.60	22.00
	DFT-s-OFDM QPSK	100	0	21.60	21.55	21.43	22.00
	DFT-s-OFDM 16QAM	1	1	21.33	21.35	21.20	22.00
	DFT-s-OFDM 64QAM	1	1	20.71	20.88	20.82	21.50
	DFT-s-OFDM 256QAM	1	1	18.52	18.58	18.60	19.50
CP-OFDM QPSK	1	1	21.38	21.34	21.39	22.00	
CP-OFDM 16QAM	1	1	21.69	21.58	21.43	22.00	
CP-OFDM 64QAM	1	1	18.93	18.74	18.92	20.50	
CP-OFDM 256QAM	1	1	16.69	16.67	16.54	17.50	

5G N5-Level2&3-ANT0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	18.53	18.59	18.45	19.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	18.44	18.70	18.32	19.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	18.51	18.48	18.34	19.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	18.44	18.63	18.43	19.00
		1	53	18.27	18.36	18.42	19.00
		1	104	18.47	18.53	18.51	19.00
	DFT-s-OFDM BPSK	50	0	18.70	18.73	18.56	19.00
		50	28	18.47	18.49	18.29	19.00
		50	56	18.52	18.56	18.36	19.00
	DFT-s-OFDM BPSK	100	0	18.54	18.67	18.60	19.00
	DFT-s-OFDM QPSK	1	1	18.40	18.55	18.49	19.00
		1	53	18.25	18.30	18.10	19.00
		1	104	18.40	18.38	18.31	19.00
	DFT-s-OFDM QPSK	50	0	18.61	18.57	18.42	19.00
		50	28	18.32	18.25	18.20	19.00
		50	56	18.29	18.36	18.19	19.00
	DFT-s-OFDM QPSK	100	0	18.59	18.59	18.66	19.00
	DFT-s-OFDM 16QAM	1	1	18.28	18.26	18.11	19.00
	DFT-s-OFDM 64QAM	1	1	18.10	18.28	18.12	19.00
	DFT-s-OFDM 256QAM	1	1	18.83	18.83	18.68	19.00
CP-OFDM QPSK	1	1	18.63	18.48	18.41	19.00	
CP-OFDM 16QAM	1	1	18.55	18.42	18.27	19.00	
CP-OFDM 64QAM	1	1	18.39	18.65	18.59	19.00	
CP-OFDM 256QAM	1	1	16.49	16.67	16.44	17.50	

5G N5-Level4-ANT0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.17	22.42	22.22	24.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.24	22.60	22.02	24.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.48	22.60	22.08	24.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.51	22.58	22.44	24.00
		1	53	22.77	22.68	22.55	24.00
		1	104	22.44	22.65	22.50	24.00
	DFT-s-OFDM BPSK	50	0	21.73	21.67	21.73	23.00
		50	28	22.59	22.59	22.62	24.00
		50	56	21.61	21.54	21.53	23.00
	DFT-s-OFDM BPSK	100	0	21.83	21.72	21.60	23.00
	DFT-s-OFDM QPSK	1	1	22.53	22.54	22.58	24.00
		1	53	22.75	22.71	22.68	24.00
		1	104	22.46	22.53	22.57	24.00
	DFT-s-OFDM QPSK	50	0	21.75	21.71	21.63	23.00
		50	28	22.72	22.68	22.69	24.00
		50	56	21.66	21.61	21.56	23.00
	DFT-s-OFDM QPSK	100	0	21.73	21.66	21.58	23.00
	DFT-s-OFDM 16QAM	1	1	21.26	21.28	21.31	23.00
	DFT-s-OFDM 64QAM	1	1	19.72	19.75	19.79	21.50
	DFT-s-OFDM 256QAM	1	1	18.47	18.48	18.53	19.50
CP-OFDM QPSK	1	1	20.97	20.98	21.03	22.50	
CP-OFDM 16QAM	1	1	20.84	20.67	20.80	22.50	
CP-OFDM 64QAM	1	1	18.76	18.96	18.80	20.50	
CP-OFDM 256QAM	1	1	16.36	16.29	16.53	17.50	

5G N5-Level5&6-ANT0							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.17	22.42	22.22	24.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.24	22.60	22.02	24.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.48	22.60	22.08	24.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.51	22.58	22.44	24.00
		1	53	22.77	22.68	22.55	24.00
		1	104	22.44	22.65	22.50	24.00
	DFT-s-OFDM BPSK	50	0	21.73	21.67	21.73	23.00
		50	28	22.59	22.59	22.62	24.00
		50	56	21.61	21.54	21.53	23.00
	DFT-s-OFDM BPSK	100	0	21.83	21.72	21.60	23.00
	DFT-s-OFDM QPSK	1	1	22.53	22.54	22.58	24.00
		1	53	22.75	22.71	22.68	24.00
		1	104	22.46	22.53	22.57	24.00
	DFT-s-OFDM QPSK	50	0	21.75	21.71	21.63	23.00
		50	28	22.72	22.68	22.69	24.00
		50	56	21.66	21.61	21.56	23.00
	DFT-s-OFDM QPSK	100	0	21.73	21.66	21.58	23.00
	DFT-s-OFDM 16QAM	1	1	21.26	21.28	21.31	23.00
	DFT-s-OFDM 64QAM	1	1	19.72	19.75	19.79	21.50
	DFT-s-OFDM 256QAM	1	1	18.47	18.48	18.53	19.50
CP-OFDM QPSK	1	1	20.97	20.98	21.03	22.50	
CP-OFDM 16QAM	1	1	20.84	20.67	20.80	22.50	
CP-OFDM 64QAM	1	1	18.76	18.96	18.80	20.50	
CP-OFDM 256QAM	1	1	16.36	16.29	16.53	17.50	

5G N5-Level1-ANT0 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	19.69	19.93	19.53	20.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	19.59	19.67	19.55	20.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	19.61	19.97	19.79	20.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	19.67	19.89	19.71	20.00
		1	53	19.93	19.73	19.87	20.00
		1	104	19.79	19.79	19.93	20.00
	DFT-s-OFDM BPSK	50	0	19.65	19.75	19.69	20.00
		50	28	19.57	19.77	19.75	20.00
		50	56	19.61	19.63	19.65	20.00
	DFT-s-OFDM BPSK	100	0	19.84	19.90	19.72	20.00
	DFT-s-OFDM QPSK	1	1	19.43	19.49	19.39	20.00
		1	53	19.93	19.69	19.67	20.00
		1	104	19.79	19.47	19.67	20.00
	DFT-s-OFDM QPSK	50	0	19.28	19.75	19.49	20.00
		50	28	19.35	19.73	19.79	20.00
		50	56	19.35	19.45	19.47	20.00
	DFT-s-OFDM QPSK	100	0	19.68	19.86	19.58	20.00
	DFT-s-OFDM 16QAM	1	1	19.43	19.49	19.39	20.00
	DFT-s-OFDM 64QAM	1	1	19.51	19.51	19.30	20.00
	DFT-s-OFDM 256QAM	1	1	18.57	18.59	18.63	19.00
	CP-OFDM QPSK	1	1	19.54	19.72	19.19	20.00
CP-OFDM 16QAM	1	1	19.32	19.20	19.28	20.00	
CP-OFDM 64QAM	1	1	18.73	18.94	18.84	20.00	
CP-OFDM 256QAM	1	1	16.48	16.56	16.78	17.00	

5G N5-Level2&3-ANT0 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	16.70	16.63	16.87	17.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	16.48	16.83	16.75	17.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	16.88	16.68	16.87	17.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	16.65	16.80	16.67	17.00
		1	53	16.62	16.77	16.72	17.00
		1	104	16.72	16.62	16.87	17.00
	DFT-s-OFDM BPSK	50	0	16.60	16.73	16.60	17.00
		50	28	16.60	16.68	16.60	17.00
		50	56	16.76	16.58	16.78	17.00
	DFT-s-OFDM BPSK	100	0	16.82	16.84	16.75	17.00
	DFT-s-OFDM QPSK	1	1	16.46	16.44	16.32	17.00
		1	53	16.38	16.68	16.72	17.00
		1	104	16.65	16.62	16.66	17.00
	DFT-s-OFDM QPSK	50	0	16.52	16.60	16.32	17.00
		50	28	16.45	16.44	16.31	17.00
		50	56	16.77	16.50	16.89	17.00
	DFT-s-OFDM QPSK	100	0	16.75	16.86	16.82	17.00
	DFT-s-OFDM 16QAM	1	1	16.46	16.44	16.32	17.00
	DFT-s-OFDM 64QAM	1	1	16.43	16.45	16.48	17.00
	DFT-s-OFDM 256QAM	1	1	16.72	16.98	16.58	17.00
CP-OFDM QPSK	1	1	16.26	16.24	16.41	17.00	
CP-OFDM 16QAM	1	1	16.43	16.40	16.29	17.00	
CP-OFDM 64QAM	1	1	16.59	17.05	16.35	17.00	
CP-OFDM 256QAM	1	1	16.45	16.46	16.58	17.00	

5G N5-Level4-ANT0 (DC 7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.66	22.57	22.73	23.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.54	22.59	22.39	23.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.61	22.68	22.72	23.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.57	22.68	22.66	23.00
		1	53	22.66	22.50	22.75	23.00
		1	104	22.57	22.61	22.75	23.00
	DFT-s-OFDM BPSK	50	0	22.54	22.81	22.60	23.00
		50	28	22.47	22.63	22.65	23.00
		50	56	22.54	22.65	22.74	23.00
	DFT-s-OFDM BPSK	100	0	22.74	22.81	22.65	23.00
	DFT-s-OFDM QPSK	1	1	22.20	22.36	22.40	23.00
		1	53	22.50	22.70	22.61	23.00
		1	104	22.47	22.20	22.55	23.00
	DFT-s-OFDM QPSK	50	0	22.09	22.76	22.35	23.00
		50	28	22.44	22.27	22.67	23.00
		50	56	22.40	22.87	22.49	23.00
	DFT-s-OFDM QPSK	100	0	22.58	22.81	22.38	23.00
	DFT-s-OFDM 16QAM	1	1	22.20	22.36	22.40	23.00
	DFT-s-OFDM 64QAM	1	1	20.84	20.88	20.80	21.00
	DFT-s-OFDM 256QAM	1	1	18.50	18.57	18.64	19.00
CP-OFDM QPSK	1	1	21.03	20.94	20.92	22.50	
CP-OFDM 16QAM	1	1	20.88	20.34	20.58	22.50	
CP-OFDM 64QAM	1	1	18.72	18.79	18.73	20.50	
CP-OFDM 256QAM	1	1	16.20	16.00	16.61	17.00	

5G N5-Level5&6-ANT0 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	19.77	19.65	19.63	20.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	19.69	19.79	19.95	20.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	19.85	19.87	19.67	20.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	19.97	19.87	19.73	20.50
		1	53	19.77	19.91	19.79	20.50
		1	104	19.81	19.67	19.73	20.50
	DFT-s-OFDM BPSK	50	0	19.59	19.92	19.81	20.50
		50	28	19.61	19.59	19.69	20.50
		50	56	19.81	19.65	19.73	20.50
	DFT-s-OFDM BPSK	100	0	19.86	19.91	19.88	20.50
	DFT-s-OFDM QPSK	1	1	19.42	19.48	19.50	20.50
		1	53	19.69	19.85	19.89	20.50
		1	104	19.77	19.47	19.93	20.50
	DFT-s-OFDM QPSK	50	0	19.37	19.70	19.55	20.50
		50	28	19.55	19.67	19.61	20.50
		50	56	19.61	19.39	19.69	20.50
	DFT-s-OFDM QPSK	100	0	19.72	19.81	19.82	20.50
	DFT-s-OFDM 16QAM	1	1	19.42	19.33	19.50	20.50
	DFT-s-OFDM 64QAM	1	1	19.44	19.50	19.40	20.50
	DFT-s-OFDM 256QAM	1	1	18.49	18.58	18.56	19.00
	CP-OFDM QPSK	1	1	19.23	19.25	19.23	20.50
CP-OFDM 16QAM	1	1	19.33	19.40	19.42	20.50	
CP-OFDM 64QAM	1	1	18.91	18.85	18.69	20.50	
CP-OFDM 256QAM	1	1	16.17	16.01	16.32	17.00	

5G N5-Level1-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level2&3-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level4 (Sensor off)-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level4(Sensor on 2)-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level5&6 (Sensor off)-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level5&6(Sensor on 2)-ANT1							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM	1	1	20.37	20.36	20.39	22.00
DFT-s-OFDM	1	1	19.05	19.09	19.05	20.00	
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level1-ANT1 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
	CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level2&3-ANT1 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
	CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level4 (Sensor off)-ANT1 (DC 7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level4(Sensor on 2)-ANT1 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00	
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level5&6 (Sensor off)-ANT1 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	23.11	23.01	23.10	24.50
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	22.96	23.08	23.07	24.50
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.69	23.15	23.03	24.50
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.13	23.06	23.24	24.50
		1	53	23.38	23.45	23.19	24.50
		1	104	23.08	23.18	23.15	24.50
	DFT-s-OFDM BPSK	50	0	22.38	22.14	22.11	23.50
		50	28	23.18	23.36	23.41	24.50
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.07	22.14	22.12	23.50
	DFT-s-OFDM QPSK	1	1	23.12	23.15	23.15	24.50
		1	53	23.30	23.30	23.26	24.50
		1	104	23.06	23.11	23.11	24.50
	DFT-s-OFDM QPSK	50	0	22.23	22.26	22.13	23.50
		50	28	23.31	23.25	23.26	24.50
		50	56	22.15	22.12	22.08	23.50
	DFT-s-OFDM QPSK	100	0	22.20	22.18	22.12	23.50
	DFT-s-OFDM 16QAM	1	1	21.89	21.89	21.89	23.50
	DFT-s-OFDM 64QAM	1	1	20.37	20.36	20.39	22.00
	DFT-s-OFDM 256QAM	1	1	19.05	19.09	19.05	20.00
	CP-OFDM QPSK	1	1	21.59	21.55	21.61	23.00
CP-OFDM 16QAM	1	1	21.58	21.47	21.41	22.50	
CP-OFDM 64QAM	1	1	19.38	19.47	19.62	21.00	
CP-OFDM 256QAM	1	1	16.65	16.71	16.83	18.00	

5G N5-Level5&6(Sensor on 2)-ANT1 (DC_7A_n5A)							
Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM	1	1	22.90	23.11	22.87	24.00
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM	1	1	23.02	22.94	22.91	24.00
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM	1	1	22.74	23.15	23.41	24.00
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up power(dBm)
		Frequency(MHz)		834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	23.29	23.22	23.27	24.00
		1	53	22.96	23.06	23.22	24.00
		1	104	23.01	23.29	23.03	24.00
	DFT-s-OFDM BPSK	50	0	22.59	22.79	22.11	23.50
		50	28	23.18	23.36	23.41	24.00
		50	56	22.13	22.05	22.13	23.50
	DFT-s-OFDM BPSK	100	0	22.69	22.76	22.56	23.50
	DFT-s-OFDM QPSK	1	1	23.08	23.13	22.81	24.00
		1	53	23.06	22.92	23.02	24.00
		1	104	22.83	23.02	22.90	24.00
	DFT-s-OFDM QPSK	50	0	21.86	22.24	22.13	23.50
		50	28	22.96	22.90	23.14	24.00
		50	56	21.79	21.88	22.10	23.50
	DFT-s-OFDM QPSK	100	0	21.89	22.05	21.79	23.50
	DFT-s-OFDM 16QAM	1	1	21.95	21.88	21.79	23.50
	DFT-s-OFDM 64QAM	1	1	20.09	20.41	20.31	22.00
	DFT-s-OFDM 256QAM	1	1	18.91	19.14	18.91	20.00
	CP-OFDM QPSK	1	1	21.40	21.19	21.39	23.00
CP-OFDM 16QAM	1	1	21.32	21.10	21.12	22.50	
CP-OFDM 64QAM	1	1	19.08	19.07	19.60	21.00	
CP-OFDM 256QAM	1	1	16.41	16.36	16.63	18.00	

8.6.2 5G n7 Output Power

5G N7-Level1-ANT3							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	16.22	16.19	16.15	16.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	16.35	16.30	16.20	16.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	16.22	16.22	16.23	16.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	16.16	16.22	16.22	16.50
		1	53	16.22	16.25	16.12	16.50
		1	104	16.09	16.14	16.12	16.50
	DFT-s-OFDM BPSK	50	0	16.21	16.11	16.16	16.50
		50	28	16.21	16.15	16.17	16.50
		50	56	16.04	16.24	15.83	16.50
	DFT-s-OFDM BPSK	100	0	15.96	15.86	15.84	16.50
	DFT-s-OFDM QPSK	1	1	16.25	16.20	16.25	16.50
		1	53	16.20	16.28	16.18	16.50
		1	104	16.22	16.07	16.18	16.50
	DFT-s-OFDM QPSK	50	0	16.13	16.16	15.92	16.50
		50	28	16.11	16.17	16.33	16.50
		50	56	15.93	16.30	16.00	16.50
	DFT-s-OFDM QPSK	100	0	15.99	15.95	16.05	16.50
	DFT-s-OFDM 16QAM	1	1	15.99	15.96	15.86	16.50
	DFT-s-OFDM 64QAM	1	1	15.89	16.00	16.06	16.50
	DFT-s-OFDM 256QAM	1	1	16.40	16.55	16.63	16.50
	CP-OFDM QPSK	1	1	16.20	16.20	15.88	16.50
CP-OFDM 16QAM	1	1	16.01	16.22	16.30	16.50	
CP-OFDM 64QAM	1	1	16.11	16.17	16.17	16.50	
CP-OFDM 256QAM	1	1	16.15	16.12	16.04	16.50	

5G N7-Level2&3-ANT3							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	13.85	13.91	14.06	14.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	13.93	13.88	14.00	14.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	13.83	13.98	13.91	14.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.04	14.00	13.85	14.50
		1	53	13.89	13.94	14.06	14.50
		1	104	14.07	13.90	13.99	14.50
	DFT-s-OFDM BPSK	50	0	13.60	13.64	13.67	14.50
		50	28	13.52	13.67	13.56	14.50
		50	56	13.53	13.71	13.49	14.50
	DFT-s-OFDM BPSK	100	0	13.49	13.63	13.74	14.50
	DFT-s-OFDM QPSK	1	1	13.78	13.57	13.60	14.50
		1	53	13.61	13.70	13.60	14.50
		1	104	13.63	13.57	13.74	14.50
	DFT-s-OFDM QPSK	50	0	13.79	13.53	13.63	14.50
		50	28	13.58	13.73	13.65	14.50
		50	56	13.52	13.64	13.67	14.50
	DFT-s-OFDM QPSK	100	0	13.53	13.58	13.61	14.50
	DFT-s-OFDM 16QAM	1	1	13.29	13.29	13.34	14.50
	DFT-s-OFDM 64QAM	1	1	13.38	13.34	13.30	14.50
	DFT-s-OFDM 256QAM	1	1	13.96	13.93	13.85	14.50
	CP-OFDM QPSK	1	1	13.56	13.57	13.45	14.50
	CP-OFDM 16QAM	1	1	13.57	13.45	13.49	14.50
CP-OFDM 64QAM	1	1	13.46	13.47	13.44	14.50	
CP-OFDM 256QAM	1	1	13.61	13.61	13.48	14.50	

5G N7-Level4-ANT3							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.64	19.26	18.63	20.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.67	19.10	18.89	20.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	18.92	19.28	18.57	20.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.90	19.22	18.87	20.00
		1	53	18.89	19.20	18.94	20.00
		1	104	19.06	19.13	19.07	20.00
	DFT-s-OFDM BPSK	50	0	18.84	19.03	18.76	20.00
		50	28	18.77	19.26	18.83	20.00
		50	56	18.81	19.10	18.81	20.00
	DFT-s-OFDM BPSK	100	0	18.74	19.03	19.03	20.00
	DFT-s-OFDM QPSK	1	1	18.94	19.17	19.27	20.00
		1	53	18.86	19.01	18.61	20.00
		1	104	18.98	19.00	19.09	20.00
	DFT-s-OFDM QPSK	50	0	18.96	19.03	18.72	20.00
		50	28	18.68	19.30	18.67	20.00
		50	56	18.76	19.06	19.00	20.00
	DFT-s-OFDM QPSK	100	0	19.22	19.27	18.73	20.00
	DFT-s-OFDM 16QAM	1	1	18.91	19.10	18.96	20.00
	DFT-s-OFDM 64QAM	1	1	18.13	18.43	18.41	19.50
	DFT-s-OFDM 256QAM	1	1	16.94	17.10	17.10	17.50
	CP-OFDM QPSK	1	1	18.78	18.80	18.73	20.00
CP-OFDM 16QAM	1	1	18.72	18.69	18.80	20.00	
CP-OFDM 64QAM	1	1	17.52	17.54	17.75	19.00	
CP-OFDM 256QAM	1	1	14.30	14.14	14.24	16.00	

5G N7-Level5&6-ANT3							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	18.02	18.02	18.20	19.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	18.07	18.31	18.09	19.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	18.13	18.20	18.03	19.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.11	18.22	18.18	19.00
		1	53	18.30	18.41	18.44	19.00
		1	104	18.12	18.30	18.28	19.00
	DFT-s-OFDM BPSK	50	0	17.91	18.29	18.07	19.00
		50	28	17.84	18.06	17.93	19.00
		50	56	18.14	18.34	18.18	19.00
	DFT-s-OFDM BPSK	100	0	17.90	17.97	18.10	19.00
	DFT-s-OFDM QPSK	1	1	19.08	19.20	18.84	19.00
		1	53	18.98	19.26	19.01	19.00
		1	104	19.02	19.18	19.03	19.00
	DFT-s-OFDM QPSK	50	0	18.95	18.92	18.85	19.00
		50	28	19.10	19.32	18.54	19.00
		50	56	18.90	18.97	19.03	19.00
	DFT-s-OFDM QPSK	100	0	18.91	19.26	18.76	19.00
	DFT-s-OFDM 16QAM	1	1	18.00	17.98	17.87	19.00
	DFT-s-OFDM 64QAM	1	1	18.09	18.00	17.91	19.00
	DFT-s-OFDM 256QAM	1	1	17.12	17.14	17.04	19.00
	CP-OFDM QPSK	1	1	18.02	18.20	17.96	19.00
CP-OFDM 16QAM	1	1	18.28	18.31	18.27	19.00	
CP-OFDM 64QAM	1	1	17.43	17.71	17.60	19.00	
CP-OFDM 256QAM	1	1	14.31	14.46	14.14	16.00	

5G N7-Level1-ANT3 (DC 5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	13.85	13.91	14.06	14.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	13.93	13.88	14.00	14.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	13.83	13.98	13.91	14.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.04	14.00	13.85	14.50
		1	53	13.89	13.94	14.06	14.50
		1	104	14.07	13.90	13.99	14.50
	DFT-s-OFDM BPSK	50	0	13.60	13.64	13.67	14.50
		50	28	13.52	13.67	13.56	14.50
		50	56	13.53	13.71	13.49	14.50
	DFT-s-OFDM BPSK	100	0	13.49	13.63	13.74	14.50
	DFT-s-OFDM QPSK	1	1	13.78	13.57	13.60	14.50
		1	53	13.61	13.70	13.60	14.50
		1	104	13.63	13.57	13.74	14.50
	DFT-s-OFDM QPSK	50	0	13.79	13.53	13.63	14.50
		50	28	13.58	13.73	13.65	14.50
		50	56	13.52	13.64	13.67	14.50
	DFT-s-OFDM QPSK	100	0	13.53	13.58	13.61	14.50
	DFT-s-OFDM 16QAM	1	1	13.29	13.29	13.34	14.50
	DFT-s-OFDM 64QAM	1	1	13.38	13.34	13.30	14.50
	DFT-s-OFDM 256QAM	1	1	13.96	13.93	13.85	14.50
	CP-OFDM QPSK	1	1	13.56	13.57	13.45	14.50
CP-OFDM 16QAM	1	1	13.57	13.45	13.49	14.50	
CP-OFDM 64QAM	1	1	13.46	13.47	13.44	14.50	
CP-OFDM 256QAM	1	1	13.61	13.61	13.48	14.50	

5G N7-Level2&3-ANT3 (DC_5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	11.82	11.78	11.54	12.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	11.73	11.89	11.59	12.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	11.79	11.74	11.83	12.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	11.81	11.85	11.74	12.50
		1	53	11.67	11.82	11.60	12.50
		1	104	11.66	11.76	11.81	12.50
	DFT-s-OFDM BPSK	50	0	11.65	11.86	11.60	12.50
		50	28	11.87	11.85	11.58	12.50
		50	56	11.65	11.79	11.57	12.50
	DFT-s-OFDM BPSK	100	0	11.67	11.67	11.66	12.50
	DFT-s-OFDM QPSK	1	1	11.69	11.68	11.63	12.50
		1	53	11.73	11.76	11.63	12.50
		1	104	11.71	11.70	11.63	12.50
	DFT-s-OFDM QPSK	50	0	11.66	11.83	11.68	12.50
		50	28	11.70	11.91	11.73	12.50
		50	56	11.65	11.92	11.61	12.50
	DFT-s-OFDM QPSK	100	0	11.63	11.69	11.81	12.50
	DFT-s-OFDM 16QAM	1	1	11.49	11.44	11.44	12.50
	DFT-s-OFDM 64QAM	1	1	11.57	11.52	11.58	12.50
	DFT-s-OFDM 256QAM	1	1	12.09	12.11	12.04	12.50
CP-OFDM QPSK	1	1	11.50	11.63	11.52	12.50	
CP-OFDM 16QAM	1	1	11.32	11.50	11.49	12.50	
CP-OFDM 64QAM	1	1	11.42	11.51	11.47	12.50	
CP-OFDM 256QAM	1	1	11.47	11.60	11.56	12.50	

5G N7-Level4-ANT3 (DC 5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.04	17.19	17.26	17.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.04	17.19	17.26	17.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	17.04	17.19	17.26	17.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	17.04	17.19	17.26	17.50
		1	53	17.01	17.24	17.35	17.50
		1	104	17.15	17.31	17.41	17.50
	DFT-s-OFDM BPSK	50	0	16.94	17.00	17.21	17.50
		50	28	17.15	17.48	17.22	17.50
		50	56	17.26	17.26	17.00	17.50
	DFT-s-OFDM BPSK	100	0	17.26	17.12	17.15	17.50
	DFT-s-OFDM QPSK	1	1	17.03	17.20	17.29	17.50
		1	53	17.08	17.32	17.27	17.50
		1	104	17.33	17.28	17.22	17.50
	DFT-s-OFDM QPSK	50	0	17.10	17.09	17.34	17.50
		50	28	17.10	17.30	17.07	17.50
		50	56	17.10	17.24	17.22	17.50
	DFT-s-OFDM QPSK	100	0	17.11	17.23	17.28	17.50
	DFT-s-OFDM 16QAM	1	1	16.86	16.98	16.81	17.50
	DFT-s-OFDM 64QAM	1	1	17.08	17.05	16.91	17.50
	DFT-s-OFDM 256QAM	1	1	16.99	17.14	17.19	17.50
	CP-OFDM QPSK	1	1	17.03	17.22	17.14	17.50
CP-OFDM 16QAM	1	1	16.81	17.28	17.17	17.50	
CP-OFDM 64QAM	1	1	17.10	17.30	16.96	17.50	
CP-OFDM 256QAM	1	1	14.38	14.27	14.30	16.00	

5G N7-Level5&6-ANT3 (DC_5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	15.13	15.16	15.15	15.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	15.13	15.01	15.17	15.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	14.78	15.12	14.95	15.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	15.05	15.18	15.12	15.50
		1	53	15.21	15.14	15.17	15.50
		1	104	15.06	15.22	15.19	15.50
	DFT-s-OFDM BPSK	50	0	14.78	15.13	15.01	15.50
		50	28	15.16	15.05	15.02	15.50
		50	56	14.84	15.19	15.22	15.50
	DFT-s-OFDM BPSK	100	0	14.95	15.22	14.92	15.50
	DFT-s-OFDM QPSK	1	1	15.16	15.20	15.21	15.50
		1	53	15.16	15.31	14.97	15.50
		1	104	14.98	15.24	15.04	15.50
	DFT-s-OFDM QPSK	50	0	14.89	15.10	14.80	15.50
		50	28	15.12	14.91	15.02	15.50
		50	56	14.80	15.33	14.99	15.50
	DFT-s-OFDM QPSK	100	0	15.15	15.23	15.09	15.50
	DFT-s-OFDM 16QAM	1	1	14.82	14.94	14.94	15.50
	DFT-s-OFDM 64QAM	1	1	15.00	15.03	14.98	15.50
	DFT-s-OFDM 256QAM	1	1	15.39	15.44	15.30	15.50
	CP-OFDM QPSK	1	1	15.09	15.14	15.17	15.50
CP-OFDM 16QAM	1	1	14.85	14.82	14.81	15.50	
CP-OFDM 64QAM	1	1	14.81	14.98	14.84	15.50	
CP-OFDM 256QAM	1	1	14.19	14.39	14.30	15.50	

5G N7-Level1-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.52	22.55	22.43	24.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.30	22.42	22.25	24.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	22.21	22.53	22.21	24.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.48	22.53	22.45	24.00
		1	53	22.57	22.61	22.55	24.00
		1	104	22.74	22.61	22.37	24.00
	DFT-s-OFDM BPSK	50	0	21.64	21.77	21.69	23.00
		50	28	22.61	22.69	22.75	24.00
		50	56	21.60	21.69	21.55	23.00
	DFT-s-OFDM BPSK	100	0	21.79	21.80	21.65	23.00
	DFT-s-OFDM QPSK	1	1	22.52	22.56	22.43	24.00
		1	53	22.66	22.64	22.53	24.00
		1	104	22.59	22.49	22.52	24.00
	DFT-s-OFDM QPSK	50	0	21.63	21.76	21.66	23.00
		50	28	22.76	22.74	22.66	24.00
		50	56	21.71	21.73	21.69	23.00
	DFT-s-OFDM QPSK	100	0	21.69	21.79	21.69	23.00
	DFT-s-OFDM 16QAM	1	1	21.28	21.38	21.25	23.00
	DFT-s-OFDM 64QAM	1	1	19.83	19.89	19.75	21.50
	DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.35	20.00
	CP-OFDM QPSK	1	1	21.08	21.11	21.01	22.50
CP-OFDM 16QAM	1	1	20.82	20.57	20.78	22.00	
CP-OFDM 64QAM	1	1	19.73	19.54	19.52	20.50	
CP-OFDM 256QAM	1	1	16.51	16.48	16.43	17.50	

5G N7-Level2&3-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.52	22.55	22.43	24.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.30	22.42	22.25	24.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	22.21	22.53	22.21	24.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.48	22.53	22.45	24.00
		1	53	22.57	22.61	22.55	24.00
		1	104	22.74	22.61	22.37	24.00
	DFT-s-OFDM BPSK	50	0	21.64	21.77	21.69	23.00
		50	28	22.61	22.69	22.75	24.00
		50	56	21.60	21.69	21.55	23.00
	DFT-s-OFDM BPSK	100	0	21.79	21.80	21.65	23.00
	DFT-s-OFDM QPSK	1	1	22.52	22.56	22.43	24.00
		1	53	22.66	22.64	22.53	24.00
		1	104	22.59	22.49	22.52	24.00
	DFT-s-OFDM QPSK	50	0	21.63	21.76	21.66	23.00
		50	28	22.76	22.74	22.66	24.00
		50	56	21.71	21.73	21.69	23.00
	DFT-s-OFDM QPSK	100	0	21.69	21.79	21.69	23.00
	DFT-s-OFDM 16QAM	1	1	21.28	21.38	21.25	23.00
	DFT-s-OFDM 64QAM	1	1	19.83	19.89	19.75	21.50
	DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.35	20.00
	CP-OFDM QPSK	1	1	21.08	21.11	21.01	22.50
CP-OFDM 16QAM	1	1	20.82	20.57	20.78	22.00	
CP-OFDM 64QAM	1	1	19.73	19.54	19.52	20.50	
CP-OFDM 256QAM	1	1	16.51	16.48	16.43	17.50	

5G N7-Level4 (Sensor off)-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.52	22.55	22.43	24.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.30	22.42	22.25	24.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	22.21	22.53	22.21	24.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.48	22.53	22.45	24.00
		1	53	22.57	22.61	22.55	24.00
		1	104	22.74	22.61	22.37	24.00
	DFT-s-OFDM BPSK	50	0	21.64	21.77	21.69	23.00
		50	28	22.61	22.69	22.75	24.00
		50	56	21.60	21.69	21.55	23.00
	DFT-s-OFDM BPSK	100	0	21.79	21.80	21.65	23.00
	DFT-s-OFDM QPSK	1	1	22.52	22.56	22.43	24.00
		1	53	22.66	22.64	22.53	24.00
		1	104	22.59	22.49	22.52	24.00
	DFT-s-OFDM QPSK	50	0	21.63	21.76	21.66	23.00
		50	28	22.76	22.74	22.66	24.00
		50	56	21.71	21.73	21.69	23.00
	DFT-s-OFDM QPSK	100	0	21.69	21.79	21.69	23.00
	DFT-s-OFDM 16QAM	1	1	21.28	21.38	21.25	23.00
	DFT-s-OFDM 64QAM	1	1	19.83	19.89	19.75	21.50
	DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.35	20.00
	CP-OFDM QPSK	1	1	21.08	21.11	21.01	22.50
CP-OFDM 16QAM	1	1	20.82	20.57	20.78	22.00	
CP-OFDM 64QAM	1	1	19.73	19.54	19.52	20.50	
CP-OFDM 256QAM	1	1	16.51	16.48	16.43	17.50	

5G N7-Level4(Sensor on 2)-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	20.37	20.57	20.63	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	20.68	20.86	20.82	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	20.59	20.74	20.48	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	20.76	20.74	20.80	21.00
		1	53	20.77	20.92	20.90	21.00
		1	104	20.86	20.72	20.70	21.00
	DFT-s-OFDM BPSK	50	0	20.31	20.63	20.61	21.00
		50	28	20.56	20.90	20.58	21.00
		50	56	20.82	20.86	20.69	21.00
	DFT-s-OFDM BPSK	100	0	20.44	20.92	20.60	21.00
	DFT-s-OFDM QPSK	1	1	20.57	20.81	20.43	21.00
		1	53	20.37	20.89	20.62	21.00
		1	104	20.59	20.72	20.92	21.00
	DFT-s-OFDM QPSK	50	0	20.68	20.80	20.56	21.00
		50	28	20.54	20.19	20.13	21.00
		50	56	20.35	20.34	20.72	21.00
	DFT-s-OFDM QPSK	100	0	20.78	20.46	20.54	21.00
	DFT-s-OFDM 16QAM	1	1	20.48	20.64	20.29	21.00
	DFT-s-OFDM 64QAM	1	1	18.96	18.98	18.99	21.00
	DFT-s-OFDM 256QAM	1	1	17.69	17.71	17.83	19.00
	CP-OFDM QPSK	1	1	20.22	20.91	20.78	21.00
CP-OFDM 16QAM	1	1	20.45	20.60	20.60	21.00	
CP-OFDM 64QAM	1	1	19.41	19.26	19.40	20.50	
CP-OFDM 256QAM	1	1	16.46	16.42	16.25	17.50	

5G N7-Level5&6 (Sensor off)-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	22.52	22.55	22.43	24.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	22.30	22.42	22.25	24.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	22.21	22.53	22.21	24.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	22.48	22.53	22.45	24.00
		1	53	22.57	22.61	22.55	24.00
		1	104	22.74	22.61	22.37	24.00
	DFT-s-OFDM BPSK	50	0	21.64	21.77	21.69	23.00
		50	28	22.61	22.69	22.75	24.00
		50	56	21.60	21.69	21.55	23.00
	DFT-s-OFDM BPSK	100	0	21.79	21.80	21.65	23.00
	DFT-s-OFDM QPSK	1	1	22.52	22.56	22.43	24.00
		1	53	22.66	22.64	22.53	24.00
		1	104	22.59	22.49	22.52	24.00
	DFT-s-OFDM QPSK	50	0	21.63	21.76	21.66	23.00
		50	28	22.76	22.74	22.66	24.00
		50	56	21.71	21.73	21.69	23.00
	DFT-s-OFDM QPSK	100	0	21.69	21.79	21.69	23.00
	DFT-s-OFDM 16QAM	1	1	21.28	21.38	21.25	23.00
	DFT-s-OFDM 64QAM	1	1	19.83	19.89	19.75	21.50
	DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.35	20.00
	CP-OFDM QPSK	1	1	21.08	21.11	21.01	22.50
CP-OFDM 16QAM	1	1	20.82	20.57	20.78	22.00	
CP-OFDM 64QAM	1	1	19.73	19.54	19.52	20.50	
CP-OFDM 256QAM	1	1	16.51	16.48	16.43	17.50	

5G N7-Level5&6(Sensor on 2)-ANT4							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.91	19.71	19.73	20.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.61	19.73	19.55	20.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	19.65	19.83	19.75	20.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.75	19.83	19.73	20.50
		1	53	19.97	19.95	19.91	20.50
		1	104	19.67	19.93	20.01	20.50
	DFT-s-OFDM BPSK	50	0	19.53	19.73	19.61	20.50
		50	28	19.89	19.91	19.67	20.50
		50	56	19.61	19.97	19.83	20.50
	DFT-s-OFDM BPSK	100	0	19.45	19.69	19.35	20.50
	DFT-s-OFDM QPSK	1	1	19.90	19.82	19.78	20.50
		1	53	19.78	19.66	19.60	20.50
		1	104	19.80	19.90	19.70	20.50
	DFT-s-OFDM QPSK	50	0	19.78	19.62	19.66	20.50
		50	28	19.92	19.60	19.24	20.50
		50	56	19.68	19.78	19.52	20.50
	DFT-s-OFDM QPSK	100	0	19.74	19.92	19.44	20.50
	DFT-s-OFDM 16QAM	1	1	19.72	19.62	19.40	20.50
	DFT-s-OFDM 64QAM	1	1	19.15	19.17	19.05	20.50
	DFT-s-OFDM 256QAM	1	1	17.78	17.76	17.85	19.00
	CP-OFDM QPSK	1	1	19.72	19.60	19.68	20.50
CP-OFDM 16QAM	1	1	19.74	19.58	19.70	20.50	
CP-OFDM 64QAM	1	1	19.55	19.28	19.58	20.50	
CP-OFDM 256QAM	1	1	16.43	16.42	16.40	17.50	

5G N7-Level1-ANT5 (DC 5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	14.90	15.01	14.90	15.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	14.99	14.97	14.88	15.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	15.06	14.82	15.10	15.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	14.97	14.98	14.90	15.50
		1	53	14.82	14.84	14.81	15.50
		1	104	14.67	14.91	14.97	15.50
	DFT-s-OFDM BPSK	50	0	14.83	14.92	14.63	15.50
		50	28	14.80	14.99	14.87	15.50
		50	56	14.66	14.84	14.73	15.50
	DFT-s-OFDM BPSK	100	0	14.56	14.79	14.97	15.50
	DFT-s-OFDM QPSK	1	1	14.64	14.85	14.66	15.50
		1	53	14.50	14.72	14.43	15.50
		1	104	14.66	14.81	14.64	15.50
	DFT-s-OFDM QPSK	50	0	14.77	14.91	14.94	15.50
		50	28	14.58	14.73	14.86	15.50
		50	56	14.45	14.74	14.89	15.50
	DFT-s-OFDM QPSK	100	0	14.50	14.59	14.59	15.50
	DFT-s-OFDM 16QAM	1	1	14.22	14.51	14.51	15.50
	DFT-s-OFDM 64QAM	1	1	14.36	14.52	14.52	15.50
	DFT-s-OFDM 256QAM	1	1	14.87	15.05	15.06	15.50
	CP-OFDM QPSK	1	1	14.57	14.93	14.60	15.50
CP-OFDM 16QAM	1	1	14.46	14.78	15.01	15.50	
CP-OFDM 64QAM	1	1	14.36	14.66	14.78	15.50	
CP-OFDM 256QAM	1	1	14.33	14.47	14.32	15.50	

5G N7-Level2&3-ANT5 (DC_5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	12.90	13.19	12.75	13.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	13.03	13.02	12.99	13.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	12.85	13.13	12.94	13.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	13.11	13.14	13.02	13.50
		1	53	12.93	12.78	12.95	13.50
		1	104	12.99	12.93	12.77	13.50
	DFT-s-OFDM BPSK	50	0	12.88	13.19	12.87	13.50
		50	28	12.96	13.19	12.99	13.50
		50	56	12.75	12.69	12.93	13.50
	DFT-s-OFDM BPSK	100	0	12.88	12.82	12.61	13.50
	DFT-s-OFDM QPSK	1	1	12.77	12.81	12.76	13.50
		1	53	12.81	12.75	12.69	13.50
		1	104	12.85	12.80	12.86	13.50
	DFT-s-OFDM QPSK	50	0	12.95	13.17	12.94	13.50
		50	28	13.03	13.06	12.90	13.50
		50	56	12.83	12.72	12.80	13.50
	DFT-s-OFDM QPSK	100	0	12.96	12.88	12.86	13.50
	DFT-s-OFDM 16QAM	1	1	12.48	12.52	12.53	13.50
	DFT-s-OFDM 64QAM	1	1	12.43	12.53	12.57	13.50
	DFT-s-OFDM 256QAM	1	1	12.92	13.05	13.10	13.50
	CP-OFDM QPSK	1	1	12.60	12.34	12.47	13.50
CP-OFDM 16QAM	1	1	12.95	13.09	12.87	13.50	
CP-OFDM 64QAM	1	1	12.81	12.72	12.93	13.50	
CP-OFDM 256QAM	1	1	12.89	13.17	13.07	13.50	

5G N7-Level4-ANT5 (DC 5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	19.63	19.73	19.83	20.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	19.73	19.73	19.81	20.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	19.63	20.03	19.55	20.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	19.91	19.95	19.85	20.50
		1	53	19.68	19.82	19.62	20.50
		1	104	19.54	19.62	19.58	20.50
	DFT-s-OFDM BPSK	50	0	19.81	19.97	19.63	20.50
		50	28	19.67	19.87	19.77	20.50
		50	56	19.56	19.66	19.38	20.50
	DFT-s-OFDM BPSK	100	0	19.16	19.32	19.48	20.50
	DFT-s-OFDM QPSK	1	1	19.54	19.68	19.50	20.50
		1	53	19.52	19.58	19.58	20.50
		1	104	19.46	19.50	19.68	20.50
	DFT-s-OFDM QPSK	50	0	19.77	19.85	19.83	20.50
		50	28	19.81	19.87	19.97	20.50
		50	56	19.62	19.70	19.62	20.50
	DFT-s-OFDM QPSK	100	0	19.34	19.50	19.29	20.50
	DFT-s-OFDM 16QAM	1	1	19.58	19.46	19.66	20.50
	DFT-s-OFDM 64QAM	1	1	19.38	19.49	19.30	20.50
	DFT-s-OFDM 256QAM	1	1	18.13	18.17	18.08	19.00
	CP-OFDM QPSK	1	1	19.73	19.75	19.55	20.50
CP-OFDM 16QAM	1	1	19.80	19.78	19.25	20.50	
CP-OFDM 64QAM	1	1	18.93	19.10	18.63	20.50	
CP-OFDM 256QAM	1	1	15.76	15.65	16.14	17.50	

5G N7-Level5&6-ANT5 (DC_5A_n7A)							
Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up power(dBm)
		Frequency(MHz)		2502.5	2535	2567.5	
5	DFT-s-OFDM	1	1	17.96	18.00	17.86	18.50
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up power(dBm)
		Frequency(MHz)		2505	2535	2565	
10	DFT-s-OFDM	1	1	17.98	17.95	17.80	18.50
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up power(dBm)
		Frequency(MHz)		2507.5	2535	2562.5	
	DFT-s-OFDM	1	1	17.86	17.89	17.71	18.50
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up power(dBm)
		Frequency(MHz)		2510	2535	2560	
20	DFT-s-OFDM BPSK	1	1	18.07	18.02	17.95	18.50
		1	53	17.73	17.87	17.82	18.50
		1	104	17.84	17.92	17.61	18.50
	DFT-s-OFDM BPSK	50	0	18.03	17.82	17.86	18.50
		50	28	18.14	18.07	17.84	18.50
		50	56	17.55	17.88	17.68	18.50
	DFT-s-OFDM BPSK	100	0	17.65	17.63	17.54	18.50
	DFT-s-OFDM QPSK	1	1	17.52	17.71	17.64	18.50
		1	53	17.71	17.52	17.69	18.50
		1	104	17.55	17.60	17.80	18.50
	DFT-s-OFDM QPSK	50	0	17.89	17.97	17.79	18.50
		50	28	17.80	18.00	17.66	18.50
		50	56	17.52	17.78	17.85	18.50
	DFT-s-OFDM QPSK	100	0	17.86	17.92	17.67	18.50
	DFT-s-OFDM 16QAM	1	1	17.61	17.41	17.25	18.50
	DFT-s-OFDM 64QAM	1	1	17.39	17.76	17.62	18.50
	DFT-s-OFDM 256QAM	1	1	17.93	17.95	17.82	18.50
	CP-OFDM QPSK	1	1	17.51	17.18	17.27	18.50
CP-OFDM 16QAM	1	1	17.17	17.67	17.38	18.50	
CP-OFDM 64QAM	1	1	17.76	17.68	17.64	18.50	
CP-OFDM 256QAM	1	1	15.86	15.87	15.92	17.50	

8.6.3 5G n38 Output Power

5G N38-Level1-ANT3							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	16.44	16.54	16.47	17.00
		1	53	16.47	16.33	16.26	17.00
		1	104	16.34	16.45	16.54	17.00
	DFT-s-OFDM BPSK	50	0	16.51	16.60	16.60	17.00
		50	28	16.55	16.67	16.55	17.00
		50	56	16.40	16.38	16.57	17.00
	DFT-s-OFDM	100	0	16.55	16.58	16.36	17.00
	DFT-s-OFDM QPSK	1	1	16.46	16.48	16.47	17.00
		1	53	16.66	16.33	16.33	17.00
		1	104	16.29	16.51	16.20	17.00
	DFT-s-OFDM QPSK	50	0	16.41	16.57	16.58	17.00
		50	28	16.47	16.45	16.43	17.00
		50	56	16.48	16.60	16.54	17.00
	DFT-s-OFDM	100	0	16.40	16.43	16.64	17.00
	DFT-s-OFDM	1	1	16.08	16.29	16.19	17.00
	DFT-s-OFDM	1	1	16.22	16.16	16.37	17.00
	DFT-s-OFDM	1	1	16.65	16.74	16.93	17.00
	CP-OFDM QPSK	1	1	16.22	16.40	16.33	17.00
CP-OFDM 16QAM	1	1	16.17	16.52	16.44	17.00	
CP-OFDM 64QAM	1	1	16.13	16.32	16.39	17.00	
CP-OFDM	1	1	14.37	14.40	14.21	16.00	

5G N38-Level2&3-ANT3							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	12.79	12.76	12.81	13.50
		1	53	12.84	12.92	12.80	13.50
		1	104	12.70	12.84	12.73	13.50
	DFT-s-OFDM BPSK	50	0	12.80	12.89	12.74	13.50
		50	28	12.81	12.90	12.87	13.50
		50	56	12.56	12.74	12.61	13.50
	DFT-s-OFDM	100	0	12.79	12.83	12.70	13.50
	DFT-s-OFDM QPSK	1	1	12.71	12.75	12.76	13.50
		1	53	12.81	12.90	12.74	13.50
		1	104	12.76	12.69	12.70	13.50
	DFT-s-OFDM QPSK	50	0	12.67	12.80	12.72	13.50
		50	28	12.81	12.94	12.79	13.50
		50	56	12.72	12.81	12.91	13.50
	DFT-s-OFDM	100	0	12.63	12.69	12.78	13.50
	DFT-s-OFDM	1	1	12.56	12.56	12.47	13.50
	DFT-s-OFDM	1	1	12.54	12.54	12.40	13.50
	DFT-s-OFDM	1	1	13.10	13.14	13.13	13.50
	CP-OFDM QPSK	1	1	12.70	12.88	12.77	13.50
	CP-OFDM 16QAM	1	1	12.46	12.74	12.56	13.50
	CP-OFDM 64QAM	1	1	12.73	12.68	12.61	13.50
CP-OFDM	1	1	12.78	12.81	12.66	13.50	

5G N38-Level4-ANT3							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	19.85	20.01	19.99	20.50
		1	53	20.11	19.83	19.87	20.50
		1	104	19.89	19.91	19.93	20.50
	DFT-s-OFDM BPSK	50	0	19.81	20.10	19.85	20.50
		50	28	19.99	20.07	19.83	20.50
		50	56	20.05	20.11	19.85	20.50
	DFT-s-OFDM	100	0	19.97	20.09	19.73	20.50
	DFT-s-OFDM QPSK	1	1	19.79	20.03	20.03	20.50
		1	53	19.77	19.91	19.87	20.50
		1	104	19.59	19.96	19.79	20.50
	DFT-s-OFDM QPSK	50	0	19.91	19.81	19.89	20.50
		50	28	20.09	19.83	19.97	20.50
		50	56	19.93	20.01	19.85	20.50
	DFT-s-OFDM	100	0	19.71	19.95	19.55	20.50
	DFT-s-OFDM	1	1	19.79	19.82	19.85	20.50
	DFT-s-OFDM	1	1	19.73	18.38	19.83	19.50
	DFT-s-OFDM	1	1	16.71	16.81	16.57	17.50
	CP-OFDM QPSK	1	1	19.21	19.25	19.15	20.50
	CP-OFDM 16QAM	1	1	19.04	18.95	18.94	20.50
	CP-OFDM 64QAM	1	1	17.73	17.41	17.41	19.00
CP-OFDM	1	1	14.21	14.36	14.38	16.00	

5G N38-Level5&6-ANT3							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	18.80	19.03	18.97	19.50
		1	53	18.97	19.19	18.91	19.50
		1	104	18.88	18.76	19.01	19.50
	DFT-s-OFDM BPSK	50	0	19.04	19.13	18.86	19.50
		50	28	19.01	18.73	18.89	19.50
		50	56	18.69	19.00	18.86	19.50
	DFT-s-OFDM	100	0	19.04	19.08	18.95	19.50
	DFT-s-OFDM QPSK	1	1	18.97	19.02	18.86	19.50
		1	53	18.94	18.90	18.82	19.50
		1	104	18.56	18.86	18.89	19.50
	DFT-s-OFDM QPSK	50	0	18.97	18.96	18.75	19.50
		50	28	18.80	18.60	18.79	19.50
		50	56	18.33	18.81	18.69	19.50
	DFT-s-OFDM	100	0	19.00	18.89	19.07	19.50
	DFT-s-OFDM	1	1	18.78	18.82	18.65	19.50
	DFT-s-OFDM	1	1	18.29	18.37	18.18	19.50
	DFT-s-OFDM	1	1	16.83	16.83	16.65	19.50
	CP-OFDM QPSK	1	1	18.90	18.77	18.52	19.50
CP-OFDM 16QAM	1	1	18.84	18.83	18.45	19.50	
CP-OFDM 64QAM	1	1	17.84	17.65	17.75	19.00	
CP-OFDM	1	1	14.43	14.48	14.36	16.00	

5G N38-Level1-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.57	22.40	22.31	24.00
		1	53	22.67	22.68	22.61	24.00
		1	104	22.52	22.29	22.51	24.00
	DFT-s-OFDM BPSK	50	0	21.53	21.79	21.71	23.00
		50	28	22.64	22.74	22.57	24.00
		50	56	21.64	21.67	21.71	23.00
	DFT-s-OFDM BPSK	100	0	21.53	21.61	21.63	23.00
	DFT-s-OFDM QPSK	1	1	22.48	22.48	22.45	24.00
		1	53	22.62	22.58	22.53	24.00
		1	104	22.51	22.42	22.50	24.00
	DFT-s-OFDM QPSK	50	0	21.65	21.68	21.67	23.00
		50	28	22.71	22.66	22.66	24.00
		50	56	21.67	21.67	21.63	23.00
	DFT-s-OFDM QPSK	100	0	21.66	21.67	21.69	23.00
	DFT-s-OFDM 16QAM	1	1	21.27	21.35	21.22	23.00
	DFT-s-OFDM 64QAM	1	1	19.85	19.88	19.83	21.50
	DFT-s-OFDM 256QAM	1	1	18.35	18.35	18.33	19.50
	CP-OFDM QPSK	1	1	21.05	21.06	21.02	22.50
	CP-OFDM 16QAM	1	1	20.64	20.66	20.47	22.00
	CP-OFDM 64QAM	1	1	18.93	19.08	18.72	20.50
CP-OFDM 256QAM	1	1	16.26	16.29	16.17	17.50	

5G N38-Level2&3-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.57	22.40	22.31	24.00
		1	53	22.67	22.68	22.61	24.00
		1	104	22.52	22.29	22.51	24.00
	DFT-s-OFDM BPSK	50	0	21.53	21.79	21.71	23.00
		50	28	22.64	22.74	22.57	24.00
		50	56	21.64	21.67	21.71	23.00
	DFT-s-OFDM	100	0	21.53	21.61	21.63	23.00
	DFT-s-OFDM QPSK	1	1	22.48	22.48	22.45	24.00
		1	53	22.62	22.58	22.53	24.00
		1	104	22.51	22.42	22.50	24.00
	DFT-s-OFDM QPSK	50	0	21.65	21.68	21.67	23.00
		50	28	22.71	22.66	22.66	24.00
		50	56	21.67	21.67	21.63	23.00
	DFT-s-OFDM	100	0	21.66	21.67	21.69	23.00
	DFT-s-OFDM	1	1	21.27	21.35	21.22	23.00
	DFT-s-OFDM	1	1	19.85	19.88	19.83	21.50
	DFT-s-OFDM	1	1	18.35	18.35	18.33	19.50
	CP-OFDM QPSK	1	1	21.05	21.06	21.02	22.50
	CP-OFDM 16QAM	1	1	20.64	20.66	20.47	22.00
	CP-OFDM 64QAM	1	1	18.93	19.08	18.72	20.50
CP-OFDM	1	1	16.26	16.29	16.17	17.50	

5G N38-Level4 (Sensor off)-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.57	22.40	22.31	24.00
		1	53	22.67	22.68	22.61	24.00
		1	104	22.52	22.29	22.51	24.00
	DFT-s-OFDM BPSK	50	0	21.53	21.79	21.71	23.00
		50	28	22.64	22.74	22.57	24.00
		50	56	21.64	21.67	21.71	23.00
	DFT-s-OFDM	100	0	21.53	21.61	21.63	23.00
	DFT-s-OFDM QPSK	1	1	22.48	22.48	22.45	24.00
		1	53	22.62	22.58	22.53	24.00
		1	104	22.51	22.42	22.50	24.00
	DFT-s-OFDM QPSK	50	0	21.65	21.68	21.67	23.00
		50	28	22.71	22.66	22.66	24.00
		50	56	21.67	21.67	21.63	23.00
	DFT-s-OFDM	100	0	21.66	21.67	21.69	23.00
	DFT-s-OFDM	1	1	21.27	21.35	21.22	23.00
	DFT-s-OFDM	1	1	19.85	19.88	19.83	21.50
	DFT-s-OFDM	1	1	18.35	18.35	18.33	19.50
	CP-OFDM QPSK	1	1	21.05	21.06	21.02	22.50
CP-OFDM 16QAM	1	1	20.64	20.66	20.47	22.00	
CP-OFDM 64QAM	1	1	18.93	19.08	18.72	20.50	
CP-OFDM	1	1	16.26	16.29	16.17	17.50	

5G N38-Level4(Sensor on 2)-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	20.56	20.77	20.81	21.00
		1	53	20.65	20.69	20.77	21.00
		1	104	20.71	20.65	20.79	21.00
	DFT-s-OFDM BPSK	50	0	20.62	20.80	20.81	21.00
		50	28	20.73	20.67	20.81	21.00
		50	56	20.81	20.79	20.62	21.00
	DFT-s-OFDM	100	0	20.92	20.84	20.90	21.00
	DFT-s-OFDM QPSK	1	1	20.66	20.81	20.62	21.00
		1	53	20.56	20.41	20.77	21.00
		1	104	20.31	20.56	20.72	21.00
	DFT-s-OFDM QPSK	50	0	20.52	20.95	20.60	21.00
		50	28	20.55	20.83	20.66	21.00
		50	56	20.68	20.58	20.47	21.00
	DFT-s-OFDM	100	0	20.73	20.74	20.79	21.00
	DFT-s-OFDM	1	1	20.42	20.56	20.17	21.00
	DFT-s-OFDM	1	1	19.03	19.15	19.03	20.50
	DFT-s-OFDM	1	1	17.26	17.54	17.42	19.00
	CP-OFDM QPSK	1	1	20.34	20.43	20.01	21.00
CP-OFDM 16QAM	1	1	20.53	20.58	20.45	21.00	
CP-OFDM 64QAM	1	1	19.03	19.10	18.95	20.50	
CP-OFDM	1	1	16.26	16.08	16.38	17.50	

5G N38-Level5&6 (Sensor off)-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	22.57	22.40	22.31	24.00
		1	53	22.67	22.68	22.61	24.00
		1	104	22.52	22.29	22.51	24.00
	DFT-s-OFDM BPSK	50	0	21.53	21.79	21.71	23.00
		50	28	22.64	22.74	22.57	24.00
		50	56	21.64	21.67	21.71	23.00
	DFT-s-OFDM	100	0	21.53	21.61	21.63	23.00
	DFT-s-OFDM QPSK	1	1	22.48	22.48	22.45	24.00
		1	53	22.62	22.58	22.53	24.00
		1	104	22.51	22.42	22.50	24.00
	DFT-s-OFDM QPSK	50	0	21.65	21.68	21.67	23.00
		50	28	22.71	22.66	22.66	24.00
		50	56	21.67	21.67	21.63	23.00
	DFT-s-OFDM	100	0	21.66	21.67	21.69	23.00
	DFT-s-OFDM	1	1	21.27	21.35	21.22	23.00
	DFT-s-OFDM	1	1	19.85	19.88	19.83	21.50
	DFT-s-OFDM	1	1	18.35	18.35	18.33	19.50
	CP-OFDM QPSK	1	1	21.05	21.06	21.02	22.50
	CP-OFDM 16QAM	1	1	20.64	20.66	20.47	22.00
	CP-OFDM 64QAM	1	1	18.93	19.08	18.72	20.50
CP-OFDM	1	1	16.26	16.29	16.17	17.50	

5G N38-Level5&6(Sensor on 2)-ANT4							
Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up power(dBm)
		Frequency(MHz)		2580	2595	2610	
20	DFT-s-OFDM BPSK	1	1	19.78	19.84	19.68	20.50
		1	53	19.86	19.70	19.64	20.50
		1	104	19.66	19.64	19.80	20.50
	DFT-s-OFDM BPSK	50	0	19.80	19.88	19.68	20.50
		50	28	19.82	19.96	19.76	20.50
		50	56	19.86	19.74	19.92	20.50
	DFT-s-OFDM	100	0	19.73	19.89	19.67	20.50
	DFT-s-OFDM QPSK	1	1	19.44	19.76	19.68	20.50
		1	53	19.78	19.50	19.48	20.50
		1	104	19.64	19.29	19.78	20.50
	DFT-s-OFDM QPSK	50	0	19.82	19.90	19.74	20.50
		50	28	19.66	20.10	19.46	20.50
		50	56	19.96	19.88	19.52	20.50
	DFT-s-OFDM	100	0	19.69	19.75	19.59	20.50
	DFT-s-OFDM	1	1	19.42	19.58	19.52	20.50
	DFT-s-OFDM	1	1	19.18	19.16	19.04	20.50
	DFT-s-OFDM	1	1	17.47	17.61	17.45	19.00
	CP-OFDM QPSK	1	1	19.32	19.33	19.44	20.50
CP-OFDM 16QAM	1	1	19.44	19.64	19.48	20.50	
CP-OFDM 64QAM	1	1	19.03	18.95	19.07	20.50	
CP-OFDM	1	1	16.25	16.23	16.14	17.50	

8.6.4 5G n41 Output Power

5G N41-Level1-ANT3									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	16.87	16.62	16.82	16.79	16.89	17.50
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	16.72	16.61	16.77	16.84	16.96	17.50
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	16.89	16.85	16.94	17.07	16.76	17.50
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	16.74	16.90	16.63	16.74	16.71	17.50
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	16.86	16.91	16.72	17.03	16.74	17.50
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	16.83	16.87	16.69	16.99	16.95	17.50
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	16.86	16.83	16.93	16.95	16.84	17.50
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.86	16.91	17.01	16.74	16.89	17.50
		1	137	16.65	16.88	16.91	16.93	16.74	17.50
		1	271	16.69	16.94	16.89	16.74	16.78	17.50
	DFT-s-OFDM BPSK	135	0	17.03	16.81	17.22	16.80	16.85	17.50
		135	69	17.20	16.83	16.86	16.96	16.79	17.50
		135	138	17.14	16.90	16.84	16.96	16.96	17.50
	DFT-s-OFDM BPSK	270	0	17.09	17.14	17.25	17.14	17.18	17.50
	DFT-s-OFDM QPSK	1	1	16.89	16.95	17.05	17.00	16.93	17.50
		1	137	16.82	17.03	17.03	16.72	16.78	17.50
		1	271	16.80	16.87	16.85	17.08	16.99	17.50
	DFT-s-OFDM QPSK	135	0	16.73	16.75	16.75	16.86	17.21	17.50
		135	69	17.20	17.20	16.97	17.31	16.73	17.50
		135	138	16.93	17.06	16.73	16.88	17.17	17.50
	DFT-s-OFDM QPSK	270	0	16.93	16.83	16.83	16.77	17.00	17.50
	DFT-s-OFDM 16QAM	1	1	16.68	16.97	16.85	16.57	16.80	17.50
	DFT-s-OFDM 64QAM	1	1	16.84	16.86	16.91	16.80	16.83	17.50
DFT-s-OFDM 256QAM	1	1	16.05	15.82	15.72	15.81	15.47	17.50	
CP-OFDM QPSK	1	1	16.53	16.41	16.68	16.74	17.04	17.50	
CP-OFDM 16QAM	1	1	16.79	16.81	16.91	16.89	16.76	17.50	
CP-OFDM 64QAM	1	1	16.24	16.14	16.24	16.18	16.22	17.50	
CP-OFDM 256QAM	1	1	13.29	13.27	13.30	13.12	13.33	14.50	

5G N41-Level2&3-ANT3									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	12.34	12.21	12.51	12.48	12.40	13.50
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	12.17	12.18	12.29	12.50	12.26	13.50
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	12.42	12.15	12.37	12.42	12.34	13.50
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	12.36	12.31	12.26	12.31	12.26	13.50
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	12.22	12.26	12.32	12.45	12.23	13.50
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	12.29	12.29	12.49	12.53	12.31	13.50
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	12.26	12.29	12.34	12.39	12.31	13.50
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	12.23	12.32	12.45	12.40	12.31	13.50
		1	137	12.34	12.23	12.56	12.42	12.40	13.50
		1	271	12.45	12.37	12.45	12.25	12.25	13.50
	DFT-s-OFDM BPSK	135	0	12.94	12.90	13.03	12.88	13.01	13.50
		135	69	12.91	12.91	13.11	13.02	13.06	13.50
		135	138	13.02	12.99	13.01	13.04	12.86	13.50
	DFT-s-OFDM BPSK	270	0	12.99	13.04	13.16	12.96	12.98	13.50
	DFT-s-OFDM QPSK	1	1	12.37	12.36	12.49	12.28	12.50	13.50
		1	137	12.48	12.31	12.53	12.51	12.48	13.50
		1	271	12.45	12.28	12.39	12.43	12.50	13.50
	DFT-s-OFDM QPSK	135	0	13.10	12.98	13.07	13.07	12.90	13.50
		135	69	13.01	12.98	13.10	12.90	12.94	13.50
		135	138	13.06	13.10	13.07	12.90	12.86	13.50
	DFT-s-OFDM QPSK	270	0	12.83	12.90	12.90	12.91	12.85	13.50
	DFT-s-OFDM 16QAM	1	1	12.27	12.20	12.23	12.16	12.19	13.50
	DFT-s-OFDM 64QAM	1	1	12.31	12.34	12.35	12.28	12.30	13.50
DFT-s-OFDM 256QAM	1	1	12.94	12.72	12.87	12.94	12.73	13.50	
CP-OFDM QPSK	1	1	13.44	13.41	13.36	13.34	13.47	13.50	
CP-OFDM 16QAM	1	1	13.19	13.33	13.37	13.20	13.29	13.50	
CP-OFDM 64QAM	1	1	13.30	13.38	13.46	13.44	13.36	13.50	
CP-OFDM 256QAM	1	1	13.04	13.16	13.19	12.94	12.96	13.50	

5G N41-Level4-ANT3									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	20.13	19.85	20.17	19.85	20.19	20.50
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	20.05	19.73	20.29	19.85	19.97	20.50
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	20.23	19.95	20.07	19.77	20.01	20.50
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	20.09	19.73	20.15	19.75	20.13	20.50
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	20.07	19.83	20.25	19.97	19.97	20.50
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	20.07	19.63	20.17	19.99	19.97	20.50
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	20.11	19.71	20.25	19.83	20.23	20.50
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.17	19.91	20.11	20.27	20.05	20.50
		1	137	20.11	20.17	20.13	20.45	20.23	20.50
		1	271	20.33	19.91	20.19	20.21	20.39	20.50
	DFT-s-OFDM BPSK	135	0	20.23	20.15	20.37	20.45	20.09	20.50
		135	69	20.15	19.85	20.29	19.91	20.19	20.50
		135	138	20.21	20.33	20.27	20.35	19.87	20.50
	DFT-s-OFDM BPSK	270	0	20.35	20.17	20.31	20.50	20.09	20.50
	DFT-s-OFDM QPSK	1	1	20.03	20.19	20.13	20.47	20.19	20.50
		1	137	20.21	20.11	20.15	20.45	20.17	20.50
		1	271	20.43	20.37	20.11	20.15	20.03	20.50
	DFT-s-OFDM QPSK	135	0	20.39	20.25	19.91	20.37	20.05	20.50
		135	69	20.43	20.05	20.17	20.09	20.27	20.50
		135	138	20.35	20.27	20.07	20.09	20.25	20.50
	DFT-s-OFDM QPSK	270	0	19.91	19.97	19.99	19.83	20.07	20.50
	DFT-s-OFDM 16QAM	1	1	18.70	18.66	18.87	18.72	18.81	20.50
	DFT-s-OFDM 64QAM	1	1	17.27	17.27	17.43	17.27	17.33	19.50
DFT-s-OFDM 256QAM	1	1	16.40	16.29	16.42	16.39	16.31	17.50	
CP-OFDM QPSK	1	1	18.26	18.27	18.00	18.26	18.08	20.50	
CP-OFDM 16QAM	1	1	17.75	17.88	17.95	17.95	17.93	20.50	
CP-OFDM 64QAM	1	1	16.24	16.19	16.24	16.22	16.11	17.50	
CP-OFDM 256QAM	1	1	13.45	13.31	13.38	13.26	13.29	14.50	

5G N41-Level5&6-ANT3									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	19.09	19.34	19.20	19.18	19.34	19.50
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	19.11	19.07	19.07	19.13	19.08	19.50
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	19.11	19.11	19.12	19.22	18.90	19.50
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	19.17	19.16	19.18	19.09	18.90	19.50
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	18.90	19.09	19.16	19.20	19.01	19.50
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	19.15	19.10	19.01	19.40	19.06	19.50
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	19.17	19.08	19.04	19.48	19.04	19.50
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.48	18.51	18.57	18.53	18.63	19.50
		1	137	18.48	18.38	18.38	18.53	18.55	19.50
		1	271	18.55	18.51	18.37	18.51	18.64	19.50
	DFT-s-OFDM BPSK	135	0	18.79	18.73	18.94	18.90	19.02	19.50
		135	69	18.82	18.75	19.00	19.04	18.92	19.50
		135	138	18.90	18.84	18.82	18.90	18.76	19.50
	DFT-s-OFDM BPSK	270	0	18.87	18.87	18.91	18.79	18.89	19.50
	DFT-s-OFDM QPSK	1	1	18.68	18.57	18.61	18.70	18.63	19.50
		1	137	18.59	18.42	18.65	18.55	18.42	19.50
		1	271	18.65	18.68	18.41	18.48	18.50	19.50
	DFT-s-OFDM QPSK	135	0	18.26	18.72	18.28	18.31	18.32	19.50
		135	69	18.48	18.79	18.21	18.35	18.50	19.50
		135	138	18.54	18.52	18.61	18.54	18.55	19.50
	DFT-s-OFDM QPSK	270	0	18.51	18.69	18.55	18.41	18.42	19.50
	DFT-s-OFDM 16QAM	1	1	18.17	18.42	18.35	18.20	18.22	19.50
	DFT-s-OFDM 64QAM	1	1	17.31	17.43	17.43	17.34	17.45	19.50
DFT-s-OFDM 256QAM	1	1	16.24	16.45	16.42	16.31	16.44	17.50	
CP-OFDM QPSK	1	1	18.12	18.18	18.19	18.01	18.02	19.50	
CP-OFDM 16QAM	1	1	17.62	17.50	17.71	17.64	17.29	19.50	
CP-OFDM 64QAM	1	1	16.32	16.14	16.24	16.32	16.30	17.50	
CP-OFDM 256QAM	1	1	13.43	13.27	13.38	13.23	13.35	14.50	

5G N41-Level1-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.03	22.15	22.49	22.20	22.11	23.00
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	22.52	22.13	22.26	21.98	22.37	23.00
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.88	22.15	22.04	22.15	23.00
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.43	22.02	22.18	22.08	22.33	23.00
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.64	22.19	22.13	21.95	22.46	23.00
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.46	22.20	22.33	22.20	22.13	23.00
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.37	22.04	22.39	21.98	22.35	23.00
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	21.58	21.46	21.31	21.37	21.21	23.00
		1	137	22.48	22.24	22.44	22.24	22.44	24.00
		1	271	21.41	21.55	21.31	21.45	21.38	23.00
	DFT-s-OFDM BPSK	135	0	21.22	21.07	21.13	21.23	21.22	23.00
		135	69	22.40	22.46	22.45	22.45	22.59	24.00
		135	138	21.27	21.29	21.09	21.11	21.20	23.00
	DFT-s-OFDM BPSK	270	0	21.07	21.27	21.11	21.34	21.11	23.00
	DFT-s-OFDM QPSK	1	1	21.43	21.38	21.34	21.39	21.36	23.00
		1	137	22.38	22.37	22.35	22.37	22.39	24.00
		1	271	21.38	21.45	21.44	21.46	21.53	23.00
	DFT-s-OFDM QPSK	135	0	21.08	21.14	21.13	21.20	21.21	23.00
		135	69	22.44	22.47	22.48	22.49	22.50	24.00
		135	138	21.23	21.18	21.23	21.25	21.13	23.00
	DFT-s-OFDM QPSK	270	0	21.14	21.22	21.22	21.26	21.21	23.00
	DFT-s-OFDM 16QAM	1	1	20.14	20.17	20.14	20.13	20.15	22.00
	DFT-s-OFDM 64QAM	1	1	18.65	18.68	18.63	18.65	18.64	20.50
DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.60	17.63	17.24	18.50	
CP-OFDM QPSK	1	1	19.89	19.90	19.86	19.88	19.87	21.50	
CP-OFDM 16QAM	1	1	19.42	19.26	19.21	19.48	19.34	21.00	
CP-OFDM 64QAM	1	1	18.48	18.39	18.33	18.59	18.56	19.50	
CP-OFDM 256QAM	1	1	15.77	15.71	15.72	15.76	15.65	16.50	

5G N41-Level2&3-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.03	22.15	22.49	22.20	22.11	23.00
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	22.52	22.13	22.26	21.98	22.37	23.00
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.88	22.15	22.04	22.15	23.00
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.43	22.02	22.18	22.08	22.33	23.00
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.64	22.19	22.13	21.95	22.46	23.00
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.46	22.20	22.33	22.20	22.13	23.00
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.37	22.04	22.39	21.98	22.35	23.00
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	21.58	21.46	21.31	21.37	21.21	23.00
		1	137	22.48	22.24	22.44	22.24	22.44	24.00
		1	271	21.41	21.55	21.31	21.45	21.38	23.00
	DFT-s-OFDM BPSK	135	0	21.22	21.07	21.13	21.23	21.22	23.00
		135	69	22.40	22.46	22.45	22.45	22.59	24.00
		135	138	21.27	21.29	21.09	21.11	21.20	23.00
	DFT-s-OFDM BPSK	270	0	21.07	21.27	21.11	21.34	21.11	23.00
	DFT-s-OFDM QPSK	1	1	21.43	21.38	21.34	21.39	21.36	23.00
		1	137	22.38	22.37	22.35	22.37	22.39	24.00
		1	271	21.38	21.45	21.44	21.46	21.53	23.00
	DFT-s-OFDM QPSK	135	0	21.08	21.14	21.13	21.20	21.21	23.00
		135	69	22.44	22.47	22.48	22.49	22.50	24.00
		135	138	21.23	21.18	21.23	21.25	21.13	23.00
	DFT-s-OFDM QPSK	270	0	21.14	21.22	21.22	21.26	21.21	23.00
	DFT-s-OFDM 16QAM	1	1	20.14	20.17	20.14	20.13	20.15	22.00
	DFT-s-OFDM 64QAM	1	1	18.65	18.68	18.63	18.65	18.64	20.50
DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.60	17.63	17.24	18.50	
CP-OFDM QPSK	1	1	19.89	19.90	19.86	19.88	19.87	21.50	
CP-OFDM 16QAM	1	1	19.42	19.26	19.21	19.48	19.34	21.00	
CP-OFDM 64QAM	1	1	18.48	18.39	18.33	18.59	18.56	19.50	
CP-OFDM 256QAM	1	1	15.77	15.71	15.72	15.76	15.65	16.50	

5G N41-Level4 (Sensor off)-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.03	22.15	22.49	22.20	22.11	23.00
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	22.52	22.13	22.26	21.98	22.37	23.00
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.88	22.15	22.04	22.15	23.00
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.43	22.02	22.18	22.08	22.33	23.00
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.64	22.19	22.13	21.95	22.46	23.00
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.46	22.20	22.33	22.20	22.13	23.00
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.37	22.04	22.39	21.98	22.35	23.00
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	21.58	21.46	21.31	21.37	21.21	23.00
		1	137	22.48	22.24	22.44	22.24	22.44	24.00
		1	271	21.41	21.55	21.31	21.45	21.38	23.00
	DFT-s-OFDM BPSK	135	0	21.22	21.07	21.13	21.23	21.22	23.00
		135	69	22.40	22.46	22.45	22.45	22.59	24.00
		135	138	21.27	21.29	21.09	21.11	21.20	23.00
	DFT-s-OFDM BPSK	270	0	21.07	21.27	21.11	21.34	21.11	23.00
	DFT-s-OFDM QPSK	1	1	21.43	21.38	21.34	21.39	21.36	23.00
		1	137	22.38	22.37	22.35	22.37	22.39	24.00
		1	271	21.38	21.45	21.44	21.46	21.53	23.00
	DFT-s-OFDM QPSK	135	0	21.08	21.14	21.13	21.20	21.21	23.00
		135	69	22.44	22.47	22.48	22.49	22.50	24.00
		135	138	21.23	21.18	21.23	21.25	21.13	23.00
	DFT-s-OFDM QPSK	270	0	21.14	21.22	21.22	21.26	21.21	23.00
	DFT-s-OFDM 16QAM	1	1	20.14	20.17	20.14	20.13	20.15	22.00
	DFT-s-OFDM 64QAM	1	1	18.65	18.68	18.63	18.65	18.64	20.50
DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.60	17.63	17.24	18.50	
CP-OFDM QPSK	1	1	19.89	19.90	19.86	19.88	19.87	21.50	
CP-OFDM 16QAM	1	1	19.42	19.26	19.21	19.48	19.34	21.00	
CP-OFDM 64QAM	1	1	18.48	18.39	18.33	18.59	18.56	19.50	
CP-OFDM 256QAM	1	1	15.77	15.71	15.72	15.76	15.65	16.50	

5G N41-Level4(Sensor on 2)-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	20.20	20.55	20.40	20.58	20.61	21.00
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	20.39	20.63	20.48	20.78	20.52	21.00
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	20.33	20.61	20.48	20.81	20.59	21.00
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	20.45	20.34	20.54	20.54	20.44	21.00
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	20.31	20.40	20.70	20.56	20.62	21.00
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	20.60	20.77	20.42	20.93	20.71	21.00
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	20.45	20.63	20.24	20.50	20.81	21.00
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	20.56	20.67	20.75	20.60	20.63	21.00
		1	137	20.83	20.71	20.75	20.58	20.60	21.00
		1	271	20.81	20.73	20.63	20.75	20.52	21.00
	DFT-s-OFDM BPSK	135	0	20.63	20.65	20.99	20.85	20.58	21.00
		135	69	20.79	20.77	20.73	20.56	20.85	21.00
		135	138	20.58	20.69	20.54	20.83	20.77	21.00
	DFT-s-OFDM BPSK	270	0	20.86	20.82	20.96	20.92	20.75	21.00
	DFT-s-OFDM QPSK	1	1	20.80	20.55	20.74	20.78	20.78	21.00
		1	137	20.74	20.42	20.40	20.64	20.39	21.00
		1	271	20.54	20.81	20.48	20.83	20.48	21.00
	DFT-s-OFDM QPSK	135	0	20.51	20.54	20.89	20.60	20.41	21.00
		135	69	20.39	20.79	20.93	20.49	20.77	21.00
		135	138	20.26	20.43	20.38	20.93	20.52	21.00
	DFT-s-OFDM QPSK	270	0	20.96	20.69	20.99	20.59	20.90	21.00
	DFT-s-OFDM 16QAM	1	1	19.44	19.30	19.48	19.50	19.30	21.00
	DFT-s-OFDM 64QAM	1	1	17.97	18.01	18.08	18.01	18.08	19.00
DFT-s-OFDM 256QAM	1	1	17.07	16.95	17.02	17.00	17.02	18.50	
CP-OFDM QPSK	1	1	19.51	20.06	19.58	19.88	19.57	21.00	
CP-OFDM 16QAM	1	1	19.23	19.13	19.27	19.34	19.38	21.00	
CP-OFDM 64QAM	1	1	18.50	18.32	18.04	18.46	18.19	19.50	
CP-OFDM 256QAM	1	1	15.75	15.65	15.70	15.66	15.67	16.50	

5G N41-Level5&6 (Sensor off)-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	22.03	22.15	22.49	22.20	22.11	23.00
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	22.52	22.13	22.26	21.98	22.37	23.00
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	22.24	21.88	22.15	22.04	22.15	23.00
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	22.43	22.02	22.18	22.08	22.33	23.00
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	22.64	22.19	22.13	21.95	22.46	23.00
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	22.46	22.20	22.33	22.20	22.13	23.00
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	22.37	22.04	22.39	21.98	22.35	23.00
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	21.58	21.46	21.31	21.37	21.21	23.00
		1	137	22.48	22.24	22.44	22.24	22.44	24.00
		1	271	21.41	21.55	21.31	21.45	21.38	23.00
	DFT-s-OFDM BPSK	135	0	21.22	21.07	21.13	21.23	21.22	23.00
		135	69	22.40	22.46	22.45	22.45	22.59	24.00
		135	138	21.27	21.29	21.09	21.11	21.20	23.00
	DFT-s-OFDM BPSK	270	0	21.07	21.27	21.11	21.34	21.11	23.00
	DFT-s-OFDM QPSK	1	1	21.43	21.38	21.34	21.39	21.36	23.00
		1	137	22.38	22.37	22.35	22.37	22.39	24.00
		1	271	21.38	21.45	21.44	21.46	21.53	23.00
	DFT-s-OFDM QPSK	135	0	21.08	21.14	21.13	21.20	21.21	23.00
		135	69	22.44	22.47	22.48	22.49	22.50	24.00
		135	138	21.23	21.18	21.23	21.25	21.13	23.00
	DFT-s-OFDM QPSK	270	0	21.14	21.22	21.22	21.26	21.21	23.00
	DFT-s-OFDM 16QAM	1	1	20.14	20.17	20.14	20.13	20.15	22.00
	DFT-s-OFDM 64QAM	1	1	18.65	18.68	18.63	18.65	18.64	20.50
DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.60	17.63	17.24	18.50	
CP-OFDM QPSK	1	1	19.89	19.90	19.86	19.88	19.87	21.50	
CP-OFDM 16QAM	1	1	19.42	19.26	19.21	19.48	19.34	21.00	
CP-OFDM 64QAM	1	1	18.48	18.39	18.33	18.59	18.56	19.50	
CP-OFDM 256QAM	1	1	15.28	15.08	15.12	15.26	15.15	16.50	

5G N41-Level5&6(Sensor on 2)-ANT4									
Bandwidth (MHz)		Channel		501204	509904	518598	527298	535998	Tune-up power(dBm)
		Frequency(MHz)		2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	19.49	19.47	19.47	19.71	19.77	20.50
Bandwidth (MHz)		Channel		502200	510398	518598	526798	534996	Tune-up power(dBm)
		Frequency(MHz)		2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM BPSK	1	1	19.75	19.18	19.67	19.73	19.49	20.50
Bandwidth (MHz)		Channel		503202	510900	518598	526302	534000	Tune-up power(dBm)
		Frequency(MHz)		2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM BPSK	1	1	19.63	19.26	19.63	19.63	19.69	20.50
Bandwidth (MHz)		Channel		504204	511404	518598	525798	532998	Tune-up power(dBm)
		Frequency(MHz)		2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM BPSK	1	1	19.61	19.51	19.47	19.95	19.45	20.50
Bandwidth (MHz)		Channel		505200	511902	518598	525300	531996	Tune-up power(dBm)
		Frequency(MHz)		2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM BPSK	1	1	18.90	19.09	19.16	19.20	19.01	20.50
Bandwidth (MHz)		Channel		507204	512904	518598	524298	529998	Tune-up power(dBm)
		Frequency(MHz)		2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM BPSK	1	1	19.15	19.10	19.01	19.40	19.06	20.50
Bandwidth (MHz)		Channel		508200	513402	518598	523800	528996	Tune-up power(dBm)
		Frequency(MHz)		2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM BPSK	1	1	19.17	19.08	19.04	19.48	19.04	20.50
Bandwidth (MHz)		Channel		509202	513900	518598	523302	528000	Tune-up power(dBm)
		Frequency(MHz)		2546.01	2569.5	2592.99	2616.51	2640	
20	DFT-s-OFDM BPSK	1	1	19.73	19.81	19.73	19.69	19.76	20.50
		1	137	19.73	19.55	19.65	19.79	19.73	20.50
		1	271	19.80	19.75	19.63	19.59	19.53	20.50
	DFT-s-OFDM BPSK	135	0	19.94	19.92	20.09	20.04	19.92	20.50
		135	69	19.98	19.90	19.96	20.08	20.02	20.50
		135	138	19.78	19.72	19.76	19.84	19.98	20.50
	DFT-s-OFDM BPSK	270	0	19.96	19.84	20.02	19.78	20.04	20.50
	DFT-s-OFDM QPSK	1	1	19.59	19.67	19.71	19.69	19.65	20.50
		1	137	19.71	19.29	19.63	19.51	19.43	20.50
		1	271	19.71	19.37	19.77	19.65	19.37	20.50
	DFT-s-OFDM QPSK	135	0	19.90	20.04	20.13	19.78	19.90	20.50
		135	69	20.20	20.06	19.86	20.12	20.06	20.50
		135	138	19.88	19.50	19.80	19.96	20.00	20.50
	DFT-s-OFDM QPSK	270	0	19.88	20.04	20.07	19.68	19.88	20.50
	DFT-s-OFDM 16QAM	1	1	19.37	19.59	19.51	19.37	19.47	20.50
	DFT-s-OFDM 64QAM	1	1	17.99	18.08	18.06	18.06	17.93	20.00
DFT-s-OFDM 256QAM	1	1	16.96	16.98	17.05	17.07	17.08	19.00	
CP-OFDM QPSK	1	1	19.29	19.48	19.58	19.36	19.34	20.50	
CP-OFDM 16QAM	1	1	19.17	19.03	19.37	19.36	19.36	20.50	
CP-OFDM 64QAM	1	1	18.46	18.41	18.06	18.42	18.12	19.50	
CP-OFDM 256QAM	1	1	15.23	14.85	15.15	15.09	15.03	16.50	

8.6.5 5G n66 Output Power

5G N66-Level1-ANT3 DC 7A n66A							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	14.07	14.05	13.91	14.50
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	14.08	13.83	13.86	14.50
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	13.94	13.94	13.89	14.50
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	13.90	13.91	13.90	14.50
		1	53	13.94	13.86	14.19	14.50
		1	104	13.81	13.95	13.99	14.50
	DFT-s-OFDM BPSK	50	0	13.94	14.30	14.15	14.50
		50	28	14.19	14.14	14.09	14.50
		50	56	14.07	14.01	14.26	14.50
	DFT-s-OFDM BPSK	100	0	14.14	14.04	14.10	14.50
	DFT-s-OFDM QPSK	1	1	13.98	14.05	14.04	14.50
		1	53	14.04	14.01	14.09	14.50
		1	104	13.95	14.05	14.01	14.50
	DFT-s-OFDM QPSK	50	0	14.13	14.23	14.05	14.50
		50	28	14.12	14.20	14.16	14.50
		50	56	14.26	14.11	14.23	14.50
	DFT-s-OFDM QPSK	100	0	14.10	14.17	14.14	14.50
	DFT-s-OFDM 16QAM	1	1	13.79	13.83	13.90	14.50
	DFT-s-OFDM 64QAM	1	1	13.74	13.88	13.84	14.50
	DFT-s-OFDM 256QAM	1	1	14.41	14.42	14.36	14.50
	CP-OFDM QPSK	1	1	14.15	14.11	14.21	14.50
CP-OFDM 16QAM	1	1	13.92	14.26	13.85	14.50	
CP-OFDM 64QAM	1	1	14.12	14.00	14.13	14.50	
CP-OFDM 256QAM	1	1	14.06	14.13	13.99	14.50	

5G N66-Level2&3-ANT3 DC_7A_n66A							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	12.01	11.97	12.26	12.50
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	12.13	11.92	11.98	12.50
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	12.04	11.99	12.06	12.50
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	12.12	12.11	11.97	12.50
		1	53	12.09	11.84	12.07	12.50
		1	104	12.18	12.09	12.06	12.50
	DFT-s-OFDM BPSK	50	0	11.90	12.21	12.30	12.50
		50	28	11.88	11.97	12.22	12.50
		50	56	12.05	11.77	12.07	12.50
	DFT-s-OFDM BPSK	100	0	11.98	12.09	12.07	12.50
	DFT-s-OFDM QPSK	1	1	12.17	12.05	12.08	12.50
		1	53	12.13	12.02	12.25	12.50
		1	104	12.19	12.01	12.11	12.50
	DFT-s-OFDM QPSK	50	0	12.10	12.22	12.26	12.50
		50	28	12.01	12.05	12.18	12.50
		50	56	12.09	12.00	12.25	12.50
	DFT-s-OFDM QPSK	100	0	12.05	12.19	12.12	12.50
	DFT-s-OFDM 16QAM	1	1	11.76	11.80	11.69	12.50
	DFT-s-OFDM 64QAM	1	1	11.72	11.85	11.73	12.50
	DFT-s-OFDM 256QAM	1	1	12.32	12.46	12.51	12.50
	CP-OFDM QPSK	1	1	12.15	12.03	11.87	12.50
CP-OFDM 16QAM	1	1	12.19	12.15	11.87	12.50	
CP-OFDM 64QAM	1	1	12.10	12.05	11.92	12.50	
CP-OFDM 256QAM	1	1	11.98	12.09	11.89	12.50	

5G N66-Level4-ANT3 DC 7A n66A							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.20	18.56	18.50	19.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.39	18.64	18.32	19.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.15	18.56	18.25	19.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.28	18.58	18.41	19.00
		1	53	18.50	18.44	18.47	19.00
		1	104	18.38	18.52	18.38	19.00
	DFT-s-OFDM BPSK	50	0	18.80	18.82	18.50	19.00
		50	28	18.50	18.51	18.51	19.00
		50	56	18.58	18.85	18.81	19.00
	DFT-s-OFDM BPSK	100	0	18.70	18.74	18.61	19.00
	DFT-s-OFDM QPSK	1	1	18.64	18.58	18.45	19.00
		1	53	18.54	18.54	18.52	19.00
		1	104	18.49	18.60	18.45	19.00
	DFT-s-OFDM QPSK	50	0	18.85	18.71	18.76	19.00
		50	28	18.58	18.70	18.62	19.00
		50	56	18.79	18.78	18.75	19.00
	DFT-s-OFDM QPSK	100	0	18.78	18.72	18.72	19.00
	DFT-s-OFDM 16QAM	1	1	18.25	18.38	18.45	19.00
	DFT-s-OFDM 64QAM	1	1	18.32	18.38	18.40	19.00
	DFT-s-OFDM 256QAM	1	1	16.85	17.00	17.09	18.50
	CP-OFDM QPSK	1	1	18.50	18.67	18.52	19.00
CP-OFDM 16QAM	1	1	18.62	18.55	18.42	19.00	
CP-OFDM 64QAM	1	1	18.08	18.12	18.19	18.50	
CP-OFDM 256QAM	1	1	14.84	14.88	14.92	15.00	

5G N66-Level5&6-ANT3 DC_7A_n66A							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.56	16.49	16.32	17.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	16.56	16.65	16.18	17.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	16.56	16.54	16.18	17.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	16.61	16.57	16.34	17.00
		1	53	16.29	16.30	16.24	17.00
		1	104	16.45	16.40	16.13	17.00
	DFT-s-OFDM BPSK	50	0	16.54	16.45	16.62	17.00
		50	28	16.59	16.55	16.35	17.00
		50	56	16.63	16.50	16.40	17.00
	DFT-s-OFDM BPSK	100	0	16.90	16.83	16.57	17.00
	DFT-s-OFDM QPSK	1	1	16.54	16.54	16.57	17.00
		1	53	16.42	16.42	16.52	17.00
		1	104	16.39	16.46	16.39	17.00
	DFT-s-OFDM QPSK	50	0	16.49	16.76	16.83	17.00
		50	28	16.74	16.68	16.46	17.00
		50	56	16.65	16.55	16.63	17.00
	DFT-s-OFDM QPSK	100	0	16.77	16.78	16.55	17.00
	DFT-s-OFDM 16QAM	1	1	16.32	16.32	16.35	17.00
	DFT-s-OFDM 64QAM	1	1	16.32	16.42	16.50	17.00
	DFT-s-OFDM 256QAM	1	1	16.46	16.60	16.53	17.00
	CP-OFDM QPSK	1	1	16.64	16.71	16.58	17.00
CP-OFDM 16QAM	1	1	16.83	16.90	16.82	17.00	
CP-OFDM 64QAM	1	1	16.87	16.87	16.79	17.00	
CP-OFDM 256QAM	1	1	14.91	14.95	14.83	15.00	

5G N66-Level1-ANT4 (DC 7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.07	22.20	22.14	24.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.11	22.07	22.13	24.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.14	22.19	22.16	24.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.04	22.02	22.10	24.00
		1	53	22.08	22.01	22.06	24.00
		1	104	22.11	22.10	22.02	24.00
	DFT-s-OFDM BPSK	50	0	21.26	21.08	21.36	23.00
		50	28	21.19	21.08	21.04	23.00
		50	56	21.20	21.14	21.09	23.00
	DFT-s-OFDM BPSK	100	0	21.29	21.13	21.09	23.00
	DFT-s-OFDM QPSK	1	1	22.08	22.02	22.07	24.00
		1	53	22.11	22.04	22.04	24.00
		1	104	22.11	22.11	22.04	24.00
	DFT-s-OFDM QPSK	50	0	21.13	21.17	21.23	23.00
		50	28	21.15	21.04	21.05	23.00
		50	56	21.05	21.02	21.02	23.00
	DFT-s-OFDM QPSK	100	0	21.27	21.17	21.04	23.00
	DFT-s-OFDM 16QAM	1	1	21.11	21.03	21.09	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.66	19.78	21.50
	DFT-s-OFDM 256QAM	1	1	17.85	17.99	18.01	19.50
	CP-OFDM QPSK	1	1	20.58	20.54	20.61	22.50
CP-OFDM 16QAM	1	1	20.05	20.11	20.14	22.00	
CP-OFDM 64QAM	1	1	18.55	18.63	18.52	20.50	
CP-OFDM 256QAM	1	1	15.75	15.64	15.76	17.50	

5G N66-Level2&3-ANT4 (DC_7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.07	22.20	22.14	24.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.11	22.07	22.13	24.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.14	22.19	22.16	24.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.04	22.02	22.10	24.00
		1	53	22.08	22.01	22.06	24.00
		1	104	22.11	22.10	22.02	24.00
	DFT-s-OFDM BPSK	50	0	21.26	21.08	21.36	23.00
		50	28	21.19	21.08	21.04	23.00
		50	56	21.20	21.14	21.09	23.00
	DFT-s-OFDM BPSK	100	0	21.29	21.13	21.09	23.00
	DFT-s-OFDM QPSK	1	1	22.08	22.02	22.07	24.00
		1	53	22.11	22.04	22.04	24.00
		1	104	22.11	22.11	22.04	24.00
	DFT-s-OFDM QPSK	50	0	21.13	21.17	21.23	23.00
		50	28	21.15	21.04	21.05	23.00
		50	56	21.05	21.02	21.02	23.00
	DFT-s-OFDM QPSK	100	0	21.27	21.17	21.04	23.00
	DFT-s-OFDM 16QAM	1	1	21.11	21.03	21.09	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.66	19.78	21.50
	DFT-s-OFDM 256QAM	1	1	17.85	17.99	18.01	19.50
	CP-OFDM QPSK	1	1	20.58	20.54	20.61	22.50
CP-OFDM 16QAM	1	1	20.05	20.11	20.14	22.00	
CP-OFDM 64QAM	1	1	18.55	18.63	18.52	20.50	
CP-OFDM 256QAM	1	1	15.75	15.64	15.76	17.50	

5G N66-Level4-ANT4 (DC 7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.07	22.20	22.14	24.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.11	22.07	22.13	24.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.14	22.19	22.16	24.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.04	22.02	22.10	24.00
		1	53	22.08	22.01	22.06	24.00
		1	104	22.11	22.10	22.02	24.00
	DFT-s-OFDM BPSK	50	0	21.26	21.08	21.36	23.00
		50	28	21.19	21.08	21.04	23.00
		50	56	21.20	21.14	21.09	23.00
	DFT-s-OFDM BPSK	100	0	21.29	21.13	21.09	23.00
	DFT-s-OFDM QPSK	1	1	22.08	22.02	22.07	24.00
		1	53	22.11	22.04	22.04	24.00
		1	104	22.11	22.11	22.04	24.00
	DFT-s-OFDM QPSK	50	0	21.13	21.17	21.23	23.00
		50	28	21.15	21.04	21.05	23.00
		50	56	21.05	21.02	21.02	23.00
	DFT-s-OFDM QPSK	100	0	21.27	21.17	21.04	23.00
	DFT-s-OFDM 16QAM	1	1	21.11	21.03	21.09	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.66	19.78	21.50
	DFT-s-OFDM 256QAM	1	1	17.85	17.99	18.01	19.50
	CP-OFDM QPSK	1	1	20.58	20.54	20.61	22.50
CP-OFDM 16QAM	1	1	20.05	20.11	20.14	22.00	
CP-OFDM 64QAM	1	1	18.55	18.63	18.52	20.50	
CP-OFDM 256QAM	1	1	15.75	15.64	15.76	17.50	

5G N66-Level4(Sensor on 2)-ANT4 (DC 7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.33	19.03	18.52	20.50
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	18.97	18.96	18.64	20.50
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	18.98	18.96	18.85	20.50
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	19.21	19.11	18.67	20.50
		1	53	18.66	19.05	19.15	20.50
		1	104	18.84	18.65	18.87	20.50
	DFT-s-OFDM BPSK	50	0	18.95	19.06	18.78	20.50
		50	28	18.97	19.03	18.99	20.50
		50	56	18.90	18.91	19.03	20.50
	DFT-s-OFDM BPSK	100	0	18.94	19.09	19.14	20.50
	DFT-s-OFDM QPSK	1	1	19.05	19.01	18.97	20.50
		1	53	18.80	19.09	19.07	20.50
		1	104	19.01	18.80	18.82	20.50
	DFT-s-OFDM QPSK	50	0	19.03	19.18	18.97	20.50
		50	28	18.86	19.10	19.22	20.50
		50	56	19.26	18.99	19.07	20.50
	DFT-s-OFDM QPSK	100	0	19.07	19.16	19.10	20.50
	DFT-s-OFDM 16QAM	1	1	18.91	18.83	18.92	20.50
	DFT-s-OFDM 64QAM	1	1	18.87	18.87	18.95	20.50
	DFT-s-OFDM 256QAM	1	1	17.95	17.99	18.04	19.50
	CP-OFDM QPSK	1	1	19.02	18.92	18.63	20.50
CP-OFDM 16QAM	1	1	19.14	18.80	18.86	20.50	
CP-OFDM 64QAM	1	1	18.46	18.38	18.39	20.50	
CP-OFDM 256QAM	1	1	15.77	15.62	15.72	17.50	

5G N66-Level5&6-ANT4 (DC_7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.07	22.20	22.14	24.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	22.11	22.07	22.13	24.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	22.14	22.19	22.16	24.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	22.04	22.02	22.10	24.00
		1	53	22.08	22.01	22.06	24.00
		1	104	22.11	22.10	22.02	24.00
	DFT-s-OFDM BPSK	50	0	21.26	21.08	21.36	23.00
		50	28	21.19	21.08	21.04	23.00
		50	56	21.20	21.14	21.09	23.00
	DFT-s-OFDM BPSK	100	0	21.29	21.13	21.09	23.00
	DFT-s-OFDM QPSK	1	1	22.08	22.02	22.07	24.00
		1	53	22.11	22.04	22.04	24.00
		1	104	22.11	22.11	22.04	24.00
	DFT-s-OFDM QPSK	50	0	21.13	21.17	21.23	23.00
		50	28	21.15	21.04	21.05	23.00
		50	56	21.05	21.02	21.02	23.00
	DFT-s-OFDM QPSK	100	0	21.27	21.17	21.04	23.00
	DFT-s-OFDM 16QAM	1	1	21.11	21.03	21.09	23.00
	DFT-s-OFDM 64QAM	1	1	19.58	19.66	19.78	21.50
	DFT-s-OFDM 256QAM	1	1	17.85	17.99	18.01	19.50
CP-OFDM QPSK	1	1	20.58	20.54	20.61	22.50	
CP-OFDM 16QAM	1	1	20.05	20.11	20.14	22.00	
CP-OFDM 64QAM	1	1	18.55	18.63	18.52	20.50	
CP-OFDM 256QAM	1	1	15.75	15.64	15.76	17.50	

5G N66-Level5&6(Sensor on 2)-ANT4 (DC_7A_n66A)							
Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dBm)
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.11	18.55	17.89	19.00
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dBm)
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM	1	1	17.80	18.47	18.17	19.00
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dBm)
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM	1	1	17.98	18.53	18.31	19.00
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM BPSK	1	1	18.09	18.64	18.24	19.00
		1	53	18.40	18.28	18.25	19.00
		1	104	18.20	18.20	18.33	19.00
	DFT-s-OFDM BPSK	50	0	18.42	18.36	18.45	19.00
		50	28	18.67	18.29	18.57	19.00
		50	56	18.84	18.35	18.43	19.00
	DFT-s-OFDM BPSK	100	0	18.20	18.65	18.46	19.00
	DFT-s-OFDM QPSK	1	1	18.42	18.55	18.48	19.00
		1	53	18.51	18.36	18.53	19.00
		1	104	18.49	18.57	18.55	19.00
	DFT-s-OFDM QPSK	50	0	18.53	18.66	18.53	19.00
		50	28	18.67	18.40	18.49	19.00
		50	56	18.79	18.36	18.43	19.00
	DFT-s-OFDM QPSK	100	0	18.44	18.67	18.52	19.00
	DFT-s-OFDM 16QAM	1	1	18.18	18.33	18.28	19.00
	DFT-s-OFDM 64QAM	1	1	18.38	18.38	18.44	19.00
	DFT-s-OFDM 256QAM	1	1	17.82	17.98	17.91	18.50
	CP-OFDM QPSK	1	1	18.18	18.20	18.04	19.00
CP-OFDM 16QAM	1	1	18.30	18.27	17.99	19.00	
CP-OFDM 64QAM	1	1	17.73	17.68	17.69	18.50	
CP-OFDM 256QAM	1	1	15.75	15.64	15.76	17.50	