



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd

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Appendix E

Conducted RF Output Power Table

Measurement of RF Conducted Power
1. Conducted Power of GSM
2. Conducted Power of WCDMA
3. Conducted Power of LTE
4. Conducted Power of LTE UL_CA
5. Conducted Power of LTE DL_CA
6. Conducted Power of 5G NR
7 Conducted Power of WIFI
8 Conducted Power of Bluetooth

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1. Conducted Power of GSM

Ant0:

GSM 850 State0 State3 State5 State8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.57	32.63	32.62	33.50	-9.19	23.38	23.44	23.43	24.31
GPRS (GMSK)	1 TX Slot	32.58	32.59	32.56	33.50	-9.19	23.39	23.40	23.37	24.31
	2 TX Slots	30.33	30.36	30.37	31.50	-6.18	24.15	24.18	24.19	25.32
	3 TX Slots	28.89	28.86	28.89	29.50	-4.42	24.47	24.44	24.47	25.08
	4 TX Slots	27.08	27.16	27.14	28.50	-3.17	23.91	23.99	23.97	25.33
EGPRS (GMSK)	1 TX Slot	32.58	32.60	32.54	33.50	-9.19	23.39	23.41	23.35	24.31
	2 TX Slots	30.37	30.36	30.36	31.50	-6.18	24.19	24.18	24.18	25.32
	3 TX Slots	28.86	28.81	28.82	29.50	-4.42	24.44	24.39	24.40	25.08
	4 TX Slots	27.13	27.12	27.15	28.50	-3.17	23.96	23.95	23.98	25.33
EGPRS (8PSK)	1 TX Slot	27.38	27.36	27.31	28.50	-9.19	18.19	18.17	18.12	19.31
	2 TX Slots	25.10	25.08	25.10	26.50	-6.18	18.92	18.90	18.92	20.32
	3 TX Slots	23.14	23.14	23.15	24.50	-4.42	18.72	18.72	18.73	20.08
	4 TX Slots	22.37	22.37	22.35	23.00	-3.17	19.20	19.20	19.18	19.83

Ant1:

GSM 850 State0										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	32.05	31.99	32.01	33.00	-9.19	22.86	22.80	22.82	23.81
GPRS (GMSK)	1 TX Slot	32.03	32.06	32.02	33.00	-9.19	22.84	22.87	22.83	23.81
	2 TX Slots	29.73	29.67	29.76	31.00	-6.18	23.55	23.49	23.58	24.82
	3 TX Slots	28.17	28.22	28.17	29.00	-4.42	23.75	23.80	23.75	24.58
	4 TX Slots	26.37	26.53	26.40	28.00	-3.17	23.20	23.36	23.23	24.83
EGPRS (GMSK)	1 TX Slot	31.98	32.05	32.00	33.00	-9.19	22.79	22.86	22.81	23.81
	2 TX Slots	29.71	29.69	29.73	31.00	-6.18	23.53	23.51	23.55	24.82
	3 TX Slots	28.24	28.17	28.22	29.00	-4.42	23.82	23.75	23.80	24.58
	4 TX Slots	26.38	26.40	26.33	28.00	-3.17	23.21	23.23	23.16	24.83
EGPRS (8PSK)	1 TX Slot	27.12	27.14	27.15	28.00	-9.19	17.93	17.95	17.96	18.81
	2 TX Slots	24.37	24.44	24.43	26.00	-6.18	18.19	18.26	18.25	19.82
	3 TX Slots	22.67	22.63	22.64	24.00	-4.42	18.25	18.21	18.22	19.58
	4 TX Slots	21.90	21.87	21.87	22.50	-3.17	18.73	18.70	18.70	19.33

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GSM 850 State3 State8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.56	31.48	31.48	32.50	-9.19	22.37	22.29	22.29	23.31
GPRS (GMSK)	1 TX Slot	31.55	31.53	31.48	32.50	-9.19	22.36	22.34	22.29	23.31
	2 TX Slots	29.21	29.18	29.24	30.50	-6.18	23.03	23.00	23.06	24.32
	3 TX Slots	27.65	27.73	27.67	28.50	-4.42	23.23	23.31	23.25	24.08
	4 TX Slots	25.84	25.99	25.90	27.50	-3.17	22.67	22.82	22.73	24.33
EGPRS (GMSK)	1 TX Slot	31.50	31.58	31.49	32.50	-9.19	22.31	22.39	22.30	23.31
	2 TX Slots	29.25	29.23	29.19	30.50	-6.18	23.07	23.05	23.01	24.32
	3 TX Slots	27.76	27.65	27.71	28.50	-4.42	23.34	23.23	23.29	24.08
	4 TX Slots	25.89	25.93	25.79	27.50	-3.17	22.72	22.76	22.62	24.33
EGPRS (8PSK)	1 TX Slot	26.59	26.64	26.65	27.50	-9.19	17.40	17.45	17.46	18.31
	2 TX Slots	23.88	23.98	23.92	25.50	-6.18	17.70	17.80	17.74	19.32
	3 TX Slots	22.22	22.11	22.16	23.50	-4.42	17.80	17.69	17.74	19.08
	4 TX Slots	21.40	21.34	21.37	22.00	-3.17	18.23	18.17	18.20	18.83

GSM 850 State5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	29.51	29.53	29.48	30.50	-9.19	20.32	20.34	20.29	21.31
GPRS (GMSK)	1 TX Slot	29.53	29.57	29.52	30.50	-9.19	20.34	20.38	20.33	21.31
	2 TX Slots	27.25	27.22	27.24	28.50	-6.18	21.07	21.04	21.06	22.32
	3 TX Slots	25.63	25.68	25.65	26.50	-4.42	21.21	21.26	21.23	22.08
	4 TX Slots	23.89	23.98	23.89	25.50	-3.17	20.72	20.81	20.72	22.33
EGPRS (GMSK)	1 TX Slot	29.48	29.60	29.50	30.50	-9.19	20.29	20.41	20.31	21.31
	2 TX Slots	27.18	27.21	27.19	28.50	-6.18	21.00	21.03	21.01	22.32
	3 TX Slots	25.77	25.71	25.75	26.50	-4.42	21.35	21.29	21.33	22.08
	4 TX Slots	23.88	23.93	23.85	25.50	-3.17	20.71	20.76	20.68	22.33
EGPRS (8PSK)	1 TX Slot	24.62	24.63	24.67	25.50	-9.19	15.43	15.44	15.48	16.31
	2 TX Slots	21.90	21.98	21.90	23.50	-6.18	15.72	15.80	15.72	17.32
	3 TX Slots	20.20	20.12	20.17	21.50	-4.42	15.78	15.70	15.75	17.08
	4 TX Slots	19.39	19.38	19.41	20.00	-3.17	16.22	16.21	16.24	16.83

GSM 1900 State0 State3 State8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.10	29.14	29.06	30.00	-9.19	19.91	19.95	19.87	20.81
GPRS (GMSK)	1 TX Slot	29.10	29.06	29.10	30.00	-9.19	19.91	19.87	19.91	20.81
	2 TX Slots	26.60	26.64	26.66	28.00	-6.18	20.42	20.46	20.48	21.82
	3 TX Slots	24.99	25.05	24.98	26.50	-4.42	20.57	20.63	20.56	22.08

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	4 TX Slots	23.13	23.11	23.12	25.00	-3.17	19.96	19.94	19.95	21.83
EGPRS (GMSK)	1 TX Slot	29.06	29.12	29.08	30.00	-9.19	19.87	19.93	19.89	20.81
	2 TX Slots	26.67	26.56	26.64	28.00	-6.18	20.49	20.38	20.46	21.82
	3 TX Slots	24.98	25.00	25.03	26.50	-4.42	20.56	20.58	20.61	22.08
	4 TX Slots	23.14	23.12	23.15	25.00	-3.17	19.97	19.95	19.98	21.83
EGPRS (8PSK)	1 TX Slot	25.35	25.25	25.30	26.50	-9.19	16.16	16.06	16.11	17.31
	2 TX Slots	22.80	22.78	22.78	24.50	-6.18	16.62	16.60	16.60	18.32
	3 TX Slots	20.69	20.73	20.62	22.50	-4.42	16.27	16.31	16.20	18.08
	4 TX Slots	19.37	19.34	19.41	20.50	-3.17	16.20	16.17	16.24	17.33

GSM 1900 State5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.10	27.13	27.04	28.00	-9.19	17.91	17.94	17.85	18.81
GPRS (GMSK)	1 TX Slot	27.15	27.07	27.08	28.00	-9.19	17.96	17.88	17.89	18.81
	2 TX Slots	24.64	24.62	24.64	26.00	-6.18	18.46	18.44	18.46	19.82
	3 TX Slots	22.97	23.02	23.01	24.50	-4.42	18.55	18.60	18.59	20.08
	4 TX Slots	21.12	21.12	21.11	23.00	-3.17	17.95	17.95	17.94	19.83
EGPRS (GMSK)	1 TX Slot	27.05	27.14	27.12	28.00	-9.19	17.86	17.95	17.93	18.81
	2 TX Slots	24.68	24.54	24.64	26.00	-6.18	18.50	18.36	18.46	19.82
	3 TX Slots	22.95	23.02	23.06	24.50	-4.42	18.53	18.60	18.64	20.08
	4 TX Slots	21.15	21.13	21.19	23.00	-3.17	17.98	17.96	18.02	19.83
EGPRS (8PSK)	1 TX Slot	23.36	23.25	23.31	24.50	-9.19	14.17	14.06	14.12	15.31
	2 TX Slots	20.82	20.75	20.78	22.50	-6.18	14.64	14.57	14.60	16.32
	3 TX Slots	18.70	18.76	18.59	20.50	-4.42	14.28	14.34	14.17	16.08
	4 TX Slots	17.37	17.38	17.44	18.50	-3.17	14.20	14.21	14.27	15.33

Ant4:

GSM 1900 State0 State5										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.34	29.33	29.30	30.50	-9.19	20.15	20.14	20.11	21.31
GPRS (GMSK)	1 TX Slot	29.32	29.26	29.30	30.50	-9.19	20.13	20.07	20.11	21.31
	2 TX Slots	27.04	27.00	27.01	28.50	-6.18	20.86	20.82	20.83	22.32
	3 TX Slots	25.64	25.68	25.61	27.00	-4.42	21.22	21.26	21.19	22.58
	4 TX Slots	23.97	24.06	24.08	25.50	-3.17	20.80	20.89	20.91	22.33
EGPRS (GMSK)	1 TX Slot	29.27	29.25	29.35	30.50	-9.19	20.08	20.06	20.16	21.31
	2 TX Slots	27.00	27.04	27.06	28.50	-6.18	20.82	20.86	20.88	22.32
	3 TX Slots	25.68	25.70	25.70	27.00	-4.42	21.26	21.28	21.28	22.58
	4 TX Slots	23.99	24.06	23.96	25.50	-3.17	20.82	20.89	20.79	22.33

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EGPRS (8PSK)	1 TX Slot	25.89	25.84	25.79	27.00	-9.19	16.70	16.65	16.60	17.81
	2 TX Slots	23.14	23.12	23.11	25.00	-6.18	16.96	16.94	16.93	18.82
	3 TX Slots	21.10	21.17	21.11	23.00	-4.42	16.68	16.75	16.69	18.58
	4 TX Slots	19.88	19.88	19.91	21.00	-3.17	16.71	16.71	16.74	17.83

GSM 1900 State3 State8										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.85	27.77	27.81	29.00	-9.19	18.66	18.58	18.62	19.81
GPRS (GMSK)	1 TX Slot	27.84	27.70	27.80	29.00	-9.19	18.65	18.51	18.61	19.81
	2 TX Slots	25.55	25.46	25.52	27.00	-6.18	19.37	19.28	19.34	20.82
	3 TX Slots	24.10	24.19	24.11	25.50	-4.42	19.68	19.77	19.69	21.08
	4 TX Slots	22.41	22.53	22.58	24.00	-3.17	19.24	19.36	19.41	20.83
EGPRS (GMSK)	1 TX Slot	27.79	27.76	27.88	29.00	-9.19	18.60	18.57	18.69	19.81
	2 TX Slots	25.53	25.54	25.53	27.00	-6.18	19.35	19.36	19.35	20.82
	3 TX Slots	24.17	24.17	24.18	25.50	-4.42	19.75	19.75	19.76	21.08
	4 TX Slots	22.51	22.54	22.45	24.00	-3.17	19.34	19.37	19.28	20.83
EGPRS (8PSK)	1 TX Slot	24.33	24.29	24.26	25.50	-9.19	15.14	15.10	15.07	16.31
	2 TX Slots	21.59	21.56	21.62	23.50	-6.18	15.41	15.38	15.44	17.32
	3 TX Slots	19.58	19.70	19.59	21.50	-4.42	15.16	15.28	15.17	17.08
	4 TX Slots	18.33	18.33	18.43	19.50	-3.17	15.16	15.16	15.26	16.33

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2. Conducted Power of WCDMA

Ant0:

WCDMA Band V State0 State3 State5 State8					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.95	23.96	23.89	25.00
	12.2kbps AMR	23.87	23.83	23.86	25.00
HSDPA	Subtest 1	23.91	23.91	23.84	25.00
	Subtest 2	23.93	23.90	23.92	25.00
	Subtest 3	23.34	23.44	23.45	24.50
	Subtest 4	23.37	23.43	23.37	24.50
HSUPA	Subtest 1	23.88	23.93	23.92	25.00
	Subtest 2	21.90	21.93	21.86	23.00
	Subtest 3	22.91	22.91	22.94	24.00
	Subtest 4	21.91	21.84	21.92	23.00
	Subtest 5	22.92	22.88	22.91	24.00
HSPA+	16QAM	21.83	21.87	21.93	23.00

Ant1:

WCDMA Band II State0					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.35	23.38	23.31	24.50
	12.2kbps AMR	23.30	23.27	23.29	24.50
HSDPA	Subtest 1	23.33	23.34	23.27	24.50
	Subtest 2	23.31	23.28	23.34	24.50
	Subtest 3	22.81	22.82	22.77	23.50
	Subtest 4	22.85	22.78	22.81	23.50
HSUPA	Subtest 1	23.33	23.35	23.28	24.50
	Subtest 2	21.31	21.31	21.32	22.50
	Subtest 3	22.31	22.31	22.29	23.50
	Subtest 4	21.27	21.32	21.29	22.50
	Subtest 5	23.30	23.32	23.31	23.50
HSPA+	16QAM	21.30	21.30	21.29	22.50

WCDMA Band II State3 State8					
Average Conducted Power(dBm)					

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Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.84	22.85	22.84	24.00
	12.2kbps AMR	22.83	22.75	22.77	24.00
HSDPA	Subtest 1	22.84	22.81	22.76	24.00
	Subtest 2	22.83	22.82	22.88	24.00
	Subtest 3	22.35	22.30	22.24	23.00
	Subtest 4	22.39	22.28	22.35	23.00
HSUPA	Subtest 1	22.81	22.81	22.76	24.00
	Subtest 2	20.80	20.84	20.79	22.00
	Subtest 3	21.84	21.84	21.82	23.00
	Subtest 4	20.78	20.85	20.80	22.00
	Subtest 5	22.83	22.82	22.84	23.00
HSPA+	16QAM	20.85	20.78	20.81	22.00

WCDMA Band II State5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.82	18.90	18.81	20.00
	12.2kbps AMR	18.77	18.80	18.76	20.00
HSDPA	Subtest 1	18.88	18.85	18.80	20.00
	Subtest 2	18.81	18.79	18.84	20.00
	Subtest 3	18.33	18.31	18.32	19.00
	Subtest 4	18.37	18.27	18.34	19.00
HSUPA	Subtest 1	18.83	18.85	18.83	20.00
	Subtest 2	16.83	16.82	16.83	18.00
	Subtest 3	17.79	17.82	17.81	19.00
	Subtest 4	16.76	16.80	16.76	18.00
	Subtest 5	18.80	18.79	18.77	19.00
HSPA+	16QAM	16.82	16.83	16.77	18.00

WCDMA Band IV State0					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.67	23.76	23.66	24.50
	12.2kbps AMR	23.71	23.74	23.71	24.50
HSDPA	Subtest 1	23.71	23.73	23.74	24.50
	Subtest 2	23.71	23.66	23.71	24.50
	Subtest 3	23.17	23.22	23.22	23.50
	Subtest 4	23.20	23.20	23.25	23.50
HSUPA	Subtest 1	23.73	23.66	23.74	24.50
	Subtest 2	21.75	21.67	21.73	22.50
	Subtest 3	22.72	22.72	22.71	23.50

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	Subtest 4	21.67	21.74	21.71	22.50
	Subtest 5	23.39	23.24	23.34	23.50
HSPA+	16QAM	21.75	21.72	21.68	22.50

WCDMA Band IV State3 State8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.27	22.32	22.29	23.00
	12.2kbps AMR	22.22	22.25	22.27	23.00
HSDPA	Subtest 1	22.24	22.26	22.25	23.00
	Subtest 2	22.22	22.14	22.22	23.00
	Subtest 3	21.72	21.73	21.76	22.00
	Subtest 4	21.70	21.69	21.78	22.00
HSUPA	Subtest 1	22.25	22.15	22.27	23.00
	Subtest 2	20.28	20.17	20.24	21.00
	Subtest 3	21.23	21.25	21.24	22.00
	Subtest 4	20.24	20.25	20.22	21.00
	Subtest 5	21.90	21.74	21.87	22.00
HSPA+	16QAM	20.23	20.20	20.23	21.00

WCDMA Band IV State5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	15.77	15.84	15.77	16.50
	12.2kbps AMR	15.74	15.81	15.71	16.50
HSDPA	Subtest 1	15.76	15.81	15.83	16.50
	Subtest 2	15.73	15.70	15.78	16.50
	Subtest 3	15.22	15.26	15.26	15.50
	Subtest 4	15.22	15.24	15.30	15.50
HSUPA	Subtest 1	15.76	15.69	15.83	16.50
	Subtest 2	13.76	13.74	13.80	14.50
	Subtest 3	14.79	14.76	14.79	15.50
	Subtest 4	13.69	13.78	13.77	14.50
	Subtest 5	15.42	15.26	15.36	15.50
HSPA+	16QAM	13.76	13.80	13.74	14.50

WCDMA Band V State0					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.54	23.63	23.57	24.50

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	12.2kbps AMR	23.53	23.52	23.55	24.50
HSDPA	Subtest 1	23.53	23.53	23.55	24.50
	Subtest 2	23.54	23.54	23.53	24.50
	Subtest 3	23.05	23.03	22.96	23.50
	Subtest 4	23.00	23.02	22.99	23.50
HSUPA	Subtest 1	23.53	23.50	23.53	24.50
	Subtest 2	21.49	21.53	21.52	22.50
	Subtest 3	22.54	22.50	22.49	23.50
	Subtest 4	21.48	21.49	21.49	22.50
	Subtest 5	23.22	23.22	23.22	23.50
HSPA+	16QAM	21.51	21.54	21.51	22.50

WCDMA Band V State3 State8					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.55	22.64	22.59	23.50
	12.2kbps AMR	22.53	22.54	22.56	23.50
HSDPA	Subtest 1	22.53	22.53	22.57	23.50
	Subtest 2	22.49	22.50	22.53	23.50
	Subtest 3	22.08	22.05	21.94	22.50
	Subtest 4	21.95	22.04	21.95	22.50
HSUPA	Subtest 1	22.54	22.45	22.50	23.50
	Subtest 2	20.47	20.54	20.55	21.50
	Subtest 3	21.51	21.45	21.45	22.50
	Subtest 4	20.46	20.48	20.44	21.50
	Subtest 5	22.18	22.18	22.18	22.50
HSPA+	16QAM	20.46	20.55	20.47	21.50

WCDMA Band V State5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	21.08	21.17	21.07	22.00
	12.2kbps AMR	21.05	21.06	21.04	22.00
HSDPA	Subtest 1	21.04	21.02	21.12	22.00
	Subtest 2	21.11	21.09	21.05	22.00
	Subtest 3	20.59	20.60	20.50	21.00
	Subtest 4	20.54	20.52	20.55	21.00
HSUPA	Subtest 1	21.09	20.98	21.02	22.00
	Subtest 2	19.05	19.01	19.01	20.00
	Subtest 3	20.09	19.98	20.03	21.00
	Subtest 4	19.04	19.05	19.04	20.00
	Subtest 5	20.74	20.74	20.78	21.00

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HSPA+	16QAM	19.06	19.06	19.05	20.00
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Ant4:

WCDMA Band II State0 State5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.08	24.16	24.14	25.00
	12.2kbps AMR	24.05	24.14	24.11	25.00
HSDPA	Subtest 1	24.10	24.13	24.07	25.00
	Subtest 2	24.10	24.06	24.07	25.00
	Subtest 3	23.12	23.06	23.07	24.00
	Subtest 4	23.15	23.12	23.10	24.00
HSUPA	Subtest 1	24.05	24.07	24.13	25.00
	Subtest 2	22.11	22.12	22.05	23.00
	Subtest 3	23.07	23.10	23.07	24.00
	Subtest 4	22.13	22.14	22.11	23.00
HSPA+	Subtest 5	23.04	23.13	23.12	24.00
	16QAM	22.12	22.07	22.07	23.00

WCDMA Band II State3 State8					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.50	20.63	20.60	21.50
	12.2kbps AMR	20.54	20.61	20.58	21.50
HSDPA	Subtest 1	20.58	20.63	20.53	21.50
	Subtest 2	20.58	20.59	20.57	21.50
	Subtest 3	19.64	19.56	19.60	20.50
	Subtest 4	19.69	19.64	19.59	20.50
HSUPA	Subtest 1	20.51	20.55	20.66	21.50
	Subtest 2	18.60	18.58	18.52	19.50
	Subtest 3	19.60	19.60	19.53	20.50
	Subtest 4	18.66	18.67	18.64	19.50
HSPA+	Subtest 5	19.57	19.61	19.58	20.50
	16QAM	18.59	18.53	18.58	19.50

WCDMA Band IV State0 State5					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.25	24.33	24.19	25.00

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	12.2kbps AMR	24.21	24.17	24.15	25.00
HSDPA	Subtest 1	24.19	24.24	24.22	25.00
	Subtest 2	24.20	24.15	24.19	25.00
	Subtest 3	23.22	23.21	23.17	24.00
	Subtest 4	23.17	23.19	23.21	24.00
HSUPA	Subtest 1	24.18	24.15	24.20	25.00
	Subtest 2	22.14	22.18	22.20	23.00
	Subtest 3	23.21	23.22	23.21	24.00
	Subtest 4	22.16	22.23	22.22	23.00
	Subtest 5	23.70	23.70	23.70	24.00
HSPA+	16QAM	22.21	22.17	22.15	23.00

WCDMA Band IV State3 State8					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.71	20.77	20.68	21.50
	12.2kbps AMR	20.66	20.67	20.65	21.50
HSDPA	Subtest 1	20.66	20.70	20.73	21.50
	Subtest 2	20.73	20.66	20.67	21.50
	Subtest 3	19.67	19.72	19.64	20.50
	Subtest 4	19.63	19.64	19.69	20.50
HSUPA	Subtest 1	20.66	20.65	20.71	21.50
	Subtest 2	18.65	18.70	18.73	19.50
	Subtest 3	19.67	19.70	19.75	20.50
	Subtest 4	18.62	18.70	18.73	19.50
	Subtest 5	20.19	20.15	20.23	20.50
HSPA+	16QAM	18.74	18.68	18.63	19.50

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3. Conducted Power of LTE

Ant0:

LTE Band 5 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.35	23.35	23.24	24.50
		1	2	23.26	23.33	23.29	24.50
		1	5	23.15	23.24	23.27	24.50
		3	0	23.16	23.15	23.26	24.50
		3	2	23.14	23.17	23.31	24.50
		3	3	23.15	23.25	23.20	24.50
		6	0	22.18	22.30	22.27	23.50
	16QAM	1	0	22.29	22.25	22.30	23.50
		1	2	22.32	22.19	22.29	23.50
		1	5	22.18	22.11	22.08	23.50
		3	0	22.24	22.16	22.14	23.50
		3	2	22.14	22.11	22.11	23.50
		3	3	22.16	22.13	22.09	23.50
		6	0	21.35	21.36	21.32	22.50
	64QAM	1	0	21.33	21.33	21.41	22.50
		1	2	21.20	21.25	21.23	22.50
		1	5	21.17	21.19	21.21	22.50
		3	0	21.17	21.21	21.18	22.50
		3	2	21.21	21.21	21.18	22.50
		3	3	21.12	21.13	21.18	22.50
		6	0	20.24	20.26	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.35	23.27	23.23	24.50
		1	7	23.31	23.35	23.26	24.50
		1	14	23.14	23.23	23.28	24.50
		8	0	22.29	22.17	22.23	23.50
		8	4	22.17	22.16	22.27	23.50
		8	7	22.33	22.28	22.22	23.50
		15	0	22.15	22.25	22.26	23.50
	16QAM	1	0	22.40	22.21	22.28	23.50
		1	7	22.26	22.21	22.27	23.50
		1	14	22.22	22.10	22.10	23.50
		8	0	21.26	21.23	21.19	22.50
		8	4	21.23	21.09	21.13	22.50

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	64QAM	8	7	21.17	21.20	21.12	22.50
		15	0	21.30	21.35	21.32	22.50
		1	0	21.27	21.39	21.39	22.50
		1	7	21.29	21.21	21.23	22.50
		1	14	21.18	21.17	21.14	22.50
		8	0	20.24	20.16	20.20	21.50
		8	4	20.30	20.24	20.26	21.50
		8	7	20.13	20.22	20.20	21.50
		15	0	20.25	20.27	20.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.34	23.36	23.20	24.50
		1	13	23.29	23.32	23.31	24.50
		1	24	23.21	23.23	23.20	24.50
		12	0	22.21	22.24	22.17	23.50
		12	6	22.22	22.11	22.24	23.50
		12	13	22.28	22.28	22.25	23.50
		25	0	22.25	22.31	22.30	23.50
	16QAM	1	0	22.32	22.27	22.29	23.50
		1	13	22.24	22.14	22.20	23.50
		1	24	22.15	22.14	22.16	23.50
		12	0	21.20	21.18	21.17	22.50
		12	6	21.18	21.16	21.24	22.50
		12	13	21.18	21.18	21.20	22.50
		25	0	21.32	21.33	21.35	22.50
	64QAM	1	0	21.30	21.31	21.42	22.50
		1	13	21.24	21.20	21.29	22.50
		1	24	21.20	21.22	21.23	22.50
		12	0	20.31	20.26	20.22	21.50
		12	6	20.28	20.25	20.24	21.50
		12	13	20.13	20.28	20.19	21.50
		25	0	20.25	20.18	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.28	23.30	23.24	24.50
		1	25	23.25	23.26	23.23	24.50
		1	49	23.19	23.17	23.22	24.50
		25	0	22.34	22.35	22.33	23.50
		25	13	22.18	22.14	22.25	23.50
		25	25	22.33	22.32	22.19	23.50
		50	0	22.24	22.28	22.27	23.50
	16QAM	1	0	22.33	22.25	22.24	23.50
		1	25	22.32	22.13	22.26	23.50

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		1	49	22.20	22.09	22.19	23.50
		25	0	21.22	21.26	21.20	22.50
		25	13	21.29	21.14	21.25	22.50
		25	25	21.17	21.21	21.23	22.50
		50	0	21.39	21.37	21.39	22.50
	64QAM	1	0	21.34	21.31	21.39	22.50
		1	25	21.20	21.29	21.30	22.50
		1	49	21.16	21.23	21.15	22.50
		25	0	20.29	20.24	20.26	21.50
		25	13	20.28	20.28	20.31	21.50
		25	25	20.14	20.23	20.19	21.50
		50	0	20.20	20.28	20.23	21.50

LTE Band 12 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.64	23.61	23.61	25.00
		1	2	23.54	23.59	23.55	25.00
		1	5	23.53	23.53	23.59	25.00
		3	0	23.52	23.48	23.52	25.00
		3	2	23.49	23.45	23.54	25.00
		3	3	23.45	23.47	23.54	25.00
		6	0	22.53	22.52	22.62	24.00
	16QAM	1	0	22.65	22.57	22.52	24.00
		1	2	22.50	22.41	22.51	24.00
		1	5	22.53	22.47	22.50	24.00
		3	0	22.50	22.40	22.45	24.00
		3	2	22.43	22.50	22.45	24.00
		3	3	22.47	22.42	22.48	24.00
		6	0	21.61	21.68	21.63	23.00
	64QAM	1	0	21.63	21.66	21.69	23.00
		1	2	21.50	21.57	21.62	23.00
		1	5	21.52	21.46	21.49	23.00
		3	0	21.43	21.53	21.47	23.00
		3	2	21.40	21.46	21.50	23.00
		3	3	21.45	21.51	21.47	23.00
		6	0	20.57	20.49	20.52	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			23025	23095	23165	
		1	0	23.70	23.67	23.64	25.00
		1	7	23.71	23.68	23.63	25.00
		1	14	23.58	23.57	23.63	25.00
		8	0	22.61	22.61	22.65	24.00

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		8	4	22.56	22.56	22.69	24.00
		8	7	22.75	22.74	22.57	24.00
		15	0	22.66	22.70	22.64	24.00
	16QAM	1	0	22.72	22.66	22.63	24.00
		1	7	22.71	22.53	22.65	24.00
		1	14	22.53	22.59	22.57	24.00
		8	0	21.66	21.61	21.58	23.00
		8	4	21.63	21.54	21.57	23.00
		8	7	21.56	21.54	21.53	23.00
		15	0	21.69	21.78	21.80	23.00
		1	0	21.67	21.69	21.78	23.00
	64QAM	1	7	21.69	21.65	21.62	23.00
		1	14	21.55	21.60	21.58	23.00
		8	0	20.71	20.65	20.57	22.00
		8	4	20.73	20.67	20.70	22.00
		8	7	20.53	20.60	20.59	22.00
		15	0	20.61	20.63	20.57	22.00
		1	0	20.61	20.63	20.57	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	23.68	23.77	23.67	25.00
		1	13	23.68	23.69	23.68	25.00
		1	24	23.52	23.66	23.68	25.00
		12	0	22.60	22.58	22.65	24.00
		12	6	22.62	22.53	22.61	24.00
		12	13	22.76	22.75	22.65	24.00
		25	0	22.58	22.63	22.67	24.00
	16QAM	1	0	22.77	22.59	22.72	24.00
		1	13	22.62	22.60	22.63	24.00
		1	24	22.57	22.53	22.50	24.00
		12	0	21.59	21.56	21.62	23.00
		12	6	21.68	21.57	21.64	23.00
		12	13	21.58	21.56	21.58	23.00
		25	0	21.74	21.77	21.77	23.00
	64QAM	1	0	21.74	21.67	21.74	23.00
		1	13	21.59	21.64	21.66	23.00
		1	24	21.51	21.61	21.63	23.00
		12	0	20.73	20.55	20.66	22.00
		12	6	20.70	20.65	20.70	22.00
		12	13	20.54	20.68	20.66	22.00
		25	0	20.61	20.65	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.78	23.87	23.71	25.00

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		1	25	23.71	23.70	23.61	25.00
		1	49	23.53	23.63	23.70	25.00
		25	0	22.69	22.76	22.71	24.00
		25	13	22.59	22.58	22.70	24.00
		25	25	22.66	22.71	22.67	24.00
		50	0	22.67	22.69	22.67	24.00
	16QAM	1	0	22.68	22.57	22.69	24.00
		1	25	22.61	22.52	22.68	24.00
		1	49	22.57	22.52	22.50	24.00
		25	0	21.66	21.66	21.56	23.00
		25	13	21.66	21.58	21.59	23.00
		25	25	21.54	21.61	21.56	23.00
	64QAM	50	0	21.71	21.78	21.78	23.00
		1	0	21.71	21.74	21.79	23.00
		1	25	21.64	21.69	21.64	23.00
		1	49	21.53	21.59	21.57	23.00
		25	0	20.64	20.58	20.58	22.00
		25	13	20.69	20.68	20.75	22.00
		25	25	20.60	20.62	20.57	22.00
		50	0	20.61	20.61	20.63	22.00

LTE Band 13 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23205	Channel 23230	Channel 23255	Tune up
5MHz	QPSK	1	0	23.68	23.67	23.68	25.00
		1	13	23.72	23.71	23.62	25.00
		1	24	23.62	23.65	23.67	25.00
		12	0	22.67	22.57	22.61	24.00
		12	6	22.56	22.54	22.70	24.00
		12	13	22.69	22.65	22.63	24.00
	16QAM	25	0	22.59	22.68	22.70	24.00
		1	0	22.69	22.63	22.71	24.00
		1	13	22.65	22.50	22.67	24.00
		1	24	22.58	22.60	22.51	24.00
		12	0	21.65	21.58	21.57	23.00
		12	6	21.63	21.57	21.61	23.00
	64QAM	12	13	21.59	21.61	21.53	23.00
		25	0	21.70	21.75	21.71	23.00
		1	0	21.72	21.73	21.79	23.00
		1	13	21.68	21.60	21.67	23.00
		1	24	21.57	21.62	21.55	23.00

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		12	0	20.72	20.64	20.64	22.00
		12	6	20.66	20.67	20.65	22.00
		12	13	20.51	20.62	20.66	22.00
		25	0	20.63	20.61	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
		1	0	/	23.77	/	25.00
		1	25	/	23.70	/	25.00
		1	49	/	23.65	/	25.00
		25	0	/	22.60	/	24.00
		25	13	/	22.50	/	24.00
		25	25	/	22.54	/	24.00
		50	0	/	22.66	/	24.00
		1	0	/	22.67	/	24.00
		1	25	/	22.58	/	24.00
		1	49	/	22.59	/	24.00
		25	0	/	21.55	/	23.00
		25	13	/	21.51	/	23.00
		25	25	/	21.54	/	23.00
		50	0	/	21.76	/	23.00
		1	0	/	21.76	/	23.00
		1	25	/	21.65	/	23.00
		1	49	/	21.55	/	23.00
		25	0	/	20.56	/	22.00
		25	13	/	20.65	/	22.00
		25	25	/	20.64	/	22.00
		50	0	/	20.62	/	22.00

LTE Band 17 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
		1	0	23.69	23.68	23.67	25.00
		1	13	23.66	23.77	23.62	25.00
		1	24	23.53	23.63	23.68	25.00
		12	0	22.60	22.69	22.59	24.00
		12	6	22.52	22.59	22.61	24.00
		12	13	22.77	22.71	22.64	24.00
		25	0	22.66	22.72	22.68	24.00
		1	0	22.76	22.59	22.69	24.00
		1	13	22.69	22.57	22.69	24.00
		1	24	22.55	22.52	22.52	24.00
		12	0	21.68	21.66	21.62	23.00
		12	6	21.67	21.59	21.60	23.00

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	64QAM	12	13	21.62	21.63	21.55	23.00
		25	0	21.77	21.74	21.75	23.00
		1	0	21.71	21.77	21.74	23.00
		1	13	21.69	21.59	21.73	23.00
		1	24	21.59	21.59	21.57	23.00
		12	0	20.66	20.57	20.65	22.00
		12	6	20.72	20.62	20.69	22.00
		12	13	20.52	20.66	20.57	22.00
		25	0	20.66	20.68	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.75	23.79	23.64	25.00
		1	25	23.69	23.70	23.59	25.00
		1	49	23.60	23.62	23.60	25.00
		25	0	22.79	22.89	22.74	24.00
		25	13	22.59	22.56	22.59	24.00
		25	25	22.76	22.72	22.63	24.00
		50	0	22.59	22.72	22.69	24.00
	16QAM	1	0	22.70	22.66	22.67	24.00
		1	25	22.67	22.60	22.60	24.00
		1	49	22.58	22.57	22.56	24.00
		25	0	21.57	21.65	21.53	23.00
		25	13	21.67	21.50	21.61	23.00
		25	25	21.53	21.53	21.62	23.00
		50	0	21.74	21.78	21.71	23.00
	64QAM	1	0	21.75	21.73	21.82	23.00
		1	25	21.66	21.57	21.72	23.00
		1	49	21.55	21.56	21.56	23.00
		25	0	20.71	20.57	20.56	22.00
		25	13	20.69	20.69	20.71	22.00
		25	25	20.56	20.70	20.63	22.00
		50	0	20.66	20.64	20.64	22.00

LTE Band 26 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.89	22.97	22.92	24.50
		1	2	22.81	22.89	22.85	24.50
		1	5	22.75	22.81	22.86	24.50
		3	0	22.78	22.76	22.85	24.50
		3	2	22.81	22.85	22.82	24.50
		3	3	22.83	22.80	22.91	24.50
		6	0	21.75	21.87	21.85	23.50

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	16QAM	1	0	21.92	21.87	21.91	23.50
		1	2	21.88	21.74	21.81	23.50
		1	5	21.75	21.70	21.77	23.50
		3	0	21.76	21.70	21.70	23.50
		3	2	21.84	21.76	21.79	23.50
		3	3	21.81	21.78	21.68	23.50
		6	0	20.98	20.91	20.97	22.50
	64QAM	1	0	20.90	20.93	21.04	22.50
		1	2	20.89	20.79	20.87	22.50
		1	5	20.74	20.80	20.82	22.50
		3	0	20.81	20.81	20.81	22.50
		3	2	20.71	20.78	20.84	22.50
		3	3	20.76	20.83	20.79	22.50
		6	0	19.82	19.81	19.82	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	22.99	23.00	22.94	24.50
		1	7	22.98	23.01	22.98	24.50
		1	14	22.87	22.92	22.98	24.50
		8	0	21.96	21.89	21.88	23.50
		8	4	21.83	21.89	21.92	23.50
		8	7	22.01	22.05	21.93	23.50
		15	0	21.92	21.98	21.95	23.50
	16QAM	1	0	22.10	21.89	22.00	23.50
		1	7	21.94	21.88	21.87	23.50
		1	14	21.90	21.81	21.83	23.50
		8	0	20.86	20.93	20.90	22.50
		8	4	20.92	20.86	20.94	22.50
		8	7	20.85	20.93	20.88	22.50
		15	0	21.08	21.03	21.01	22.50
	64QAM	1	0	21.01	21.04	21.12	22.50
		1	7	20.91	20.91	21.02	22.50
		1	14	20.89	20.91	20.83	22.50
		8	0	19.98	19.94	19.94	21.50
		8	4	19.98	19.99	19.97	21.50
		8	7	19.83	19.98	19.86	21.50
		15	0	19.87	19.91	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.05	23.08	23.01	24.50
		1	13	22.92	22.96	22.95	24.50
		1	24	22.86	22.85	23.01	24.50
		12	0	21.96	21.96	21.85	23.50

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		12	6	21.92	21.85	21.90	23.50
		12	13	21.95	22.00	21.88	23.50
		25	0	21.87	21.96	21.98	23.50
	16QAM	1	0	22.05	21.93	22.02	23.50
		1	13	21.99	21.89	21.97	23.50
		1	24	21.92	21.88	21.90	23.50
		12	0	20.87	20.89	20.89	22.50
		12	6	20.93	20.88	20.93	22.50
		12	13	20.90	20.93	20.91	22.50
		25	0	21.03	21.08	21.03	22.50
	64QAM	1	0	21.01	21.02	21.15	22.50
		1	13	20.90	20.88	21.04	22.50
		1	24	20.80	20.88	20.85	22.50
		12	0	19.99	19.88	19.94	21.50
		12	6	19.98	19.96	19.95	21.50
		12	13	19.84	19.89	19.88	21.50
		25	0	19.93	19.94	19.94	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.08	23.02	22.94	24.50
		1	25	22.93	23.02	22.97	24.50
		1	49	22.89	22.95	22.92	24.50
		25	0	21.99	21.92	21.90	23.50
		25	13	21.85	21.81	21.93	23.50
		25	25	21.95	21.94	21.89	23.50
		50	0	21.97	21.95	22.02	23.50
	16QAM	1	0	22.07	21.87	21.94	23.50
		1	25	22.02	21.80	21.97	23.50
		1	49	21.87	21.80	21.81	23.50
		25	0	20.90	20.91	20.85	22.50
		25	13	20.91	20.87	20.83	22.50
		25	25	20.89	20.91	20.87	22.50
		50	0	21.00	21.04	21.08	22.50
	64QAM	1	0	21.06	21.04	21.11	22.50
		1	25	20.93	20.91	21.03	22.50
		1	49	20.84	20.89	20.87	22.50
		25	0	20.04	19.85	19.93	21.50
		25	13	20.03	20.03	19.95	21.50
		25	25	19.82	19.97	19.93	21.50
		50	0	19.90	19.95	19.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.03	23.07	22.93	24.50

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		1	38	22.99	22.96	22.90	24.50
		1	74	22.86	22.93	22.94	24.50
		36	0	21.97	21.99	21.85	23.50
		36	18	21.93	21.81	21.80	23.50
		36	39	21.92	21.91	21.83	23.50
		75	0	21.93	21.97	21.89	23.50
	16QAM	1	0	22.09	21.95	21.92	23.50
		1	38	21.92	21.81	21.89	23.50
		1	74	21.91	21.87	21.87	23.50
		36	0	20.92	20.96	20.90	22.50
		36	18	20.98	20.88	20.88	22.50
		36	39	20.91	20.86	20.85	22.50
		75	0	21.06	21.06	21.07	22.50
	64QAM	1	0	21.04	21.02	21.07	22.50
		1	38	21.01	20.88	21.00	22.50
		1	74	20.82	20.87	20.90	22.50
		36	0	19.95	19.90	19.96	21.50
		36	18	19.96	19.97	19.93	21.50
		36	39	19.89	19.97	19.93	21.50
		75	0	19.89	19.95	19.86	21.50

LTE Band 71 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133322	133447	
5MHz	QPSK	1	0	23.46	23.44	23.36	24.50
		1	13	23.40	23.43	23.38	24.50
		1	24	23.27	23.30	23.41	24.50
		12	0	22.36	22.35	22.32	23.50
		12	6	22.30	22.25	22.35	23.50
		12	13	22.45	22.38	22.33	23.50
		25	0	22.29	22.41	22.43	23.50
	16QAM	1	0	22.41	22.30	22.37	23.50
		1	13	22.32	22.22	22.32	23.50
		1	24	22.24	22.25	22.20	23.50
		12	0	21.30	21.30	21.28	22.50
		12	6	21.38	21.30	21.27	22.50
		12	13	21.31	21.24	21.28	22.50
		25	0	21.47	21.51	21.51	22.50
	64QAM	1	0	21.38	21.41	21.45	22.50
		1	13	21.29	21.28	21.34	22.50
		1	24	21.25	21.24	21.25	22.50
		12	0	20.41	20.28	20.27	21.50
		12	6	20.42	20.32	20.40	21.50

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		12	13	20.28	20.30	20.26	21.50
		25	0	20.38	20.29	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133322	133422	
10MHz	QPSK	1	0	23.48	23.42	23.35	24.50
		1	25	23.38	23.44	23.30	24.50
		1	49	23.33	23.30	23.40	24.50
		25	0	22.28	22.34	22.33	23.50
		25	13	22.25	22.27	22.32	23.50
		25	25	22.39	22.43	22.28	23.50
		50	0	22.33	22.35	22.35	23.50
	16QAM	1	0	22.43	22.34	22.43	23.50
		1	25	22.34	22.25	22.37	23.50
		1	49	22.31	22.25	22.21	23.50
		25	0	21.37	21.34	21.30	22.50
		25	13	21.37	21.19	21.34	22.50
		25	25	21.30	21.26	21.26	22.50
		50	0	21.47	21.50	21.45	22.50
	64QAM	1	0	21.46	21.46	21.54	22.50
		1	25	21.32	21.31	21.38	22.50
		1	49	21.27	21.33	21.32	22.50
		25	0	20.43	20.31	20.34	21.50
		25	13	20.33	20.42	20.40	21.50
		25	25	20.23	20.38	20.33	21.50
		50	0	20.38	20.27	20.31	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133322	133397	
15MHz	QPSK	1	0	23.43	23.41	23.30	24.50
		1	38	23.40	23.38	23.34	24.50
		1	74	23.33	23.32	23.31	24.50
		36	0	22.39	22.33	22.29	23.50
		36	18	22.24	22.24	22.30	23.50
		36	39	22.46	22.46	22.34	23.50
		75	0	22.26	22.33	22.35	23.50
	16QAM	1	0	22.41	22.33	22.37	23.50
		1	38	22.41	22.23	22.34	23.50
		1	74	22.25	22.21	22.25	23.50
		36	0	21.33	21.37	21.22	22.50
		36	18	21.38	21.19	21.32	22.50
		36	39	21.32	21.28	21.21	22.50
		75	0	21.40	21.48	21.44	22.50
	64QAM	1	0	21.45	21.45	21.53	22.50
		1	38	21.39	21.37	21.38	22.50

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		1	74	21.22	21.25	21.29	22.50
		36	0	20.34	20.29	20.29	21.50
		36	18	20.37	20.37	20.40	21.50
		36	39	20.28	20.36	20.27	21.50
		75	0	20.34	20.39	20.33	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 133222	Channel 133322	Channel 133372	Tune up
20MHz	QPSK	1	0	23.47	23.59	23.44	24.50
		1	50	23.32	23.44	23.29	24.50
		1	99	23.31	23.26	23.38	24.50
		50	0	22.51	22.57	22.56	23.50
		50	25	22.26	22.26	22.32	23.50
		50	50	22.43	22.36	22.29	23.50
		100	0	22.30	22.57	22.42	23.50
	16QAM	1	0	22.43	22.28	22.41	23.50
		1	50	22.42	22.25	22.37	23.50
		1	99	22.28	22.26	22.23	23.50
		50	0	21.37	21.36	21.30	22.50
		50	25	21.28	21.25	21.29	22.50
		50	50	21.21	21.29	21.32	22.50
		100	0	21.49	21.41	21.49	22.50
	64QAM	1	0	21.39	21.47	21.50	22.50
		1	50	21.35	21.32	21.38	22.50
		1	99	21.21	21.26	21.32	22.50
		50	0	20.40	20.32	20.36	21.50
		50	25	20.36	20.35	20.35	21.50
		50	50	20.30	20.31	20.27	21.50
		100	0	20.29	20.39	20.37	21.50

Ant1:

LTE Band 2 State0 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.74	22.68	22.75	24.00
		1	2	22.76	22.73	22.63	24.00
		1	5	22.67	22.66	22.68	24.00
		3	0	22.79	22.70	22.74	24.00
		3	2	22.76	22.74	22.64	24.00
		3	3	22.67	22.61	22.62	24.00
		6	0	21.62	21.73	21.74	23.00

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	16QAM	1	0	21.64	21.75	21.72	23.00
		1	2	21.81	21.79	21.66	23.00
		1	5	21.77	21.81	21.75	23.00
		3	0	21.69	21.67	21.78	23.00
		3	2	21.85	21.75	21.68	23.00
		3	3	21.66	21.75	21.72	23.00
		6	0	20.73	20.72	20.70	22.00
	64QAM	1	0	20.61	20.71	20.72	22.00
		1	2	20.74	20.73	20.73	22.00
		1	5	20.77	20.64	20.63	22.00
		3	0	20.73	20.67	20.71	22.00
		3	2	20.70	20.74	20.66	22.00
		3	3	20.64	20.70	20.67	22.00
		6	0	19.71	19.68	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.80	22.64	22.79	24.00
		1	7	22.71	22.71	22.71	24.00
		1	14	22.76	22.78	22.67	24.00
		8	0	21.71	21.79	21.83	23.00
		8	4	21.74	21.71	21.69	23.00
		8	7	21.70	21.73	21.80	23.00
		15	0	21.67	21.73	21.79	23.00
	16QAM	1	0	21.78	21.70	21.74	23.00
		1	7	21.79	21.71	21.80	23.00
		1	14	21.72	21.78	21.74	23.00
		8	0	20.77	20.73	20.72	22.00
		8	4	20.81	20.78	20.79	22.00
		8	7	20.76	20.74	20.76	22.00
		15	0	20.72	20.70	20.81	22.00
	64QAM	1	0	20.66	20.76	20.70	22.00
		1	7	20.76	20.64	20.71	22.00
		1	14	20.66	20.71	20.68	22.00
		8	0	19.76	19.81	19.74	21.00
		8	4	19.70	19.82	19.82	21.00
		8	7	19.79	19.74	19.65	21.00
		15	0	19.73	19.70	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.75	22.74	22.82	24.00
		1	13	22.82	22.77	22.72	24.00
		1	24	22.72	22.72	22.68	24.00

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		12	0	21.71	21.76	21.77	23.00
		12	6	21.82	21.73	21.76	23.00
		12	13	21.80	21.75	21.70	23.00
		25	0	21.64	21.76	21.67	23.00
	16QAM	1	0	21.78	21.76	21.73	23.00
		1	13	21.77	21.72	21.73	23.00
		1	24	21.73	21.74	21.73	23.00
		12	0	20.76	20.78	20.68	22.00
		12	6	20.80	20.78	20.71	22.00
		12	13	20.67	20.75	20.83	22.00
		25	0	20.74	20.75	20.75	22.00
		25	0	20.74	20.75	20.75	22.00
	64QAM	1	0	20.68	20.74	20.65	22.00
		1	13	20.76	20.67	20.79	22.00
		1	24	20.76	20.68	20.77	22.00
		12	0	19.76	19.72	19.72	21.00
		12	6	19.75	19.82	19.73	21.00
		12	13	19.73	19.72	19.73	21.00
		25	0	19.75	19.67	19.75	21.00
		25	0	19.75	19.67	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.78	22.64	22.73	24.00
		1	25	22.73	22.74	22.76	24.00
		1	49	22.76	22.77	22.71	24.00
		25	0	21.79	21.77	21.74	23.00
		25	13	21.80	21.69	21.76	23.00
		25	25	21.75	21.70	21.81	23.00
		50	0	21.69	21.71	21.79	23.00
		50	0	21.69	21.71	21.79	23.00
	16QAM	1	0	21.67	21.77	21.79	23.00
		1	25	21.72	21.77	21.80	23.00
		1	49	21.68	21.71	21.67	23.00
		25	0	20.73	20.78	20.72	22.00
		25	13	20.71	20.73	20.80	22.00
		25	25	20.74	20.69	20.80	22.00
		50	0	20.73	20.67	20.78	22.00
		50	0	20.73	20.67	20.78	22.00
	64QAM	1	0	20.79	20.74	20.72	22.00
		1	25	20.69	20.75	20.73	22.00
		1	49	20.74	20.75	20.66	22.00
		25	0	19.76	19.73	19.69	21.00
		25	13	19.73	19.77	19.74	21.00
		25	25	19.75	19.71	19.72	21.00
		50	0	19.75	19.70	19.65	21.00
		50	0	19.75	19.70	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	

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15MHz	QPSK	1	0	22.74	22.75	22.74	24.00
		1	38	22.83	22.79	22.71	24.00
		1	74	22.71	22.72	22.72	24.00
		36	0	21.78	21.76	21.79	23.00
		36	18	21.82	21.70	21.75	23.00
		36	39	21.71	21.72	21.70	23.00
		75	0	21.65	21.75	21.71	23.00
	16QAM	1	0	21.71	21.66	21.75	23.00
		1	38	21.76	21.77	21.82	23.00
		1	74	21.66	21.74	21.67	23.00
		36	0	20.76	20.69	20.67	22.00
		36	18	20.79	20.73	20.70	22.00
		36	39	20.75	20.78	20.83	22.00
		75	0	20.75	20.75	20.75	22.00
	64QAM	1	0	20.73	20.75	20.73	22.00
		1	38	20.69	20.67	20.70	22.00
		1	74	20.78	20.77	20.69	22.00
		36	0	19.67	19.73	19.70	21.00
		36	18	19.70	19.73	19.81	21.00
		36	39	19.80	19.63	19.70	21.00
		75	0	19.77	19.69	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.80	22.93	22.71	24.00
		1	50	22.74	22.73	22.69	24.00
		1	99	22.69	22.76	22.67	24.00
		50	0	21.84	21.89	21.83	23.00
		50	25	21.77	21.75	21.75	23.00
		50	50	21.75	21.77	21.81	23.00
		100	0	21.71	21.80	21.70	23.00
	16QAM	1	0	21.71	21.76	21.79	23.00
		1	50	21.83	21.71	21.73	23.00
		1	99	21.65	21.75	21.67	23.00
		50	0	20.78	20.71	20.64	22.00
		50	25	20.79	20.68	20.79	22.00
		50	50	20.68	20.78	20.74	22.00
		100	0	20.80	20.80	20.73	22.00
	64QAM	1	0	20.78	20.73	20.68	22.00
		1	50	20.79	20.72	20.74	22.00
		1	99	20.73	20.78	20.68	22.00
		50	0	19.69	19.75	19.67	21.00
		50	25	19.77	19.81	19.84	21.00
		50	50	19.77	19.66	19.65	21.00

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		100	0	19.72	19.69	19.65	21.00
--	--	-----	---	-------	-------	-------	-------

LTE Band 2 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.90	18.94	18.87	20.00
		1	2	18.93	18.88	18.94	20.00
		1	5	18.93	18.87	18.94	20.00
		3	0	18.93	18.89	18.90	20.00
		3	2	18.88	18.88	18.89	20.00
		3	3	18.93	18.88	18.89	20.00
		6	0	18.91	18.93	18.89	20.00
	16QAM	1	0	18.93	18.91	18.90	20.00
		1	2	18.86	18.89	18.86	20.00
		1	5	18.91	18.94	18.94	20.00
		3	0	18.89	18.88	18.88	20.00
		3	2	18.88	18.90	18.94	20.00
		3	3	18.87	18.94	18.90	20.00
		6	0	18.90	18.91	18.90	20.00
	64QAM	1	0	18.92	18.89	18.92	20.00
		1	2	18.91	18.89	18.88	20.00
		1	5	18.89	18.88	18.90	20.00
		3	0	18.89	18.87	18.93	20.00
		3	2	18.94	18.88	18.94	20.00
		3	3	18.88	18.86	18.92	20.00
		6	0	18.88	18.87	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.90	18.93	18.93	20.00
		1	7	18.90	18.91	18.93	20.00
		1	14	18.95	18.89	18.89	20.00
		8	0	18.88	18.89	18.92	20.00
		8	4	18.91	18.89	18.93	20.00
		8	7	18.88	18.93	18.90	20.00
		15	0	18.88	18.86	18.87	20.00
	16QAM	1	0	18.91	18.91	18.89	20.00
		1	7	18.91	18.93	18.88	20.00
		1	14	18.92	18.88	18.88	20.00
		8	0	18.89	18.90	18.87	20.00
		8	4	18.87	18.86	18.92	20.00
		8	7	18.92	18.89	18.93	20.00

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	64QAM	15	0	18.89	18.95	18.92	20.00
		1	0	18.89	18.95	18.90	20.00
		1	7	18.86	18.89	18.89	20.00
		1	14	18.93	18.93	18.94	20.00
		8	0	18.91	18.94	18.89	20.00
		8	4	18.88	18.92	18.89	20.00
		8	7	18.94	18.94	18.94	20.00
		15	0	18.86	18.95	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.93	18.93	18.90	20.00
		1	13	18.94	18.90	18.89	20.00
		1	24	18.91	18.92	18.88	20.00
		12	0	18.89	18.94	18.87	20.00
		12	6	18.95	18.90	18.93	20.00
		12	13	18.94	18.93	18.93	20.00
		25	0	18.93	18.87	18.86	20.00
	16QAM	1	0	18.88	18.89	18.91	20.00
		1	13	18.94	18.90	18.90	20.00
		1	24	18.89	18.87	18.94	20.00
		12	0	18.88	18.93	18.87	20.00
		12	6	18.87	18.95	18.92	20.00
		12	13	18.90	18.89	18.87	20.00
		25	0	18.93	18.94	18.91	20.00
	64QAM	1	0	18.93	18.89	18.92	20.00
		1	13	18.89	18.94	18.87	20.00
		1	24	18.89	18.87	18.87	20.00
		12	0	18.87	18.89	18.92	20.00
		12	6	18.89	18.88	18.90	20.00
		12	13	18.92	18.90	18.87	20.00
		25	0	18.89	18.90	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.92	18.93	18.92	20.00
		1	25	18.90	18.92	18.89	20.00
		1	49	18.89	18.93	18.90	20.00
		25	0	18.95	18.92	18.93	20.00
		25	13	18.87	18.90	18.89	20.00
		25	25	18.88	18.92	18.90	20.00
		50	0	18.89	18.94	18.93	20.00
	16QAM	1	0	18.92	18.95	18.92	20.00
		1	25	18.94	18.88	18.95	20.00
		1	49	18.86	18.94	18.94	20.00

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	64QAM	25	0	18.90	18.90	18.88	20.00
		25	13	18.88	18.94	18.87	20.00
		25	25	18.93	18.92	18.94	20.00
		50	0	18.88	18.86	18.88	20.00
		1	0	18.92	18.92	18.91	20.00
		1	25	18.94	18.88	18.92	20.00
		1	49	18.89	18.86	18.89	20.00
		25	0	18.94	18.94	18.90	20.00
		25	13	18.86	18.86	18.92	20.00
		25	25	18.89	18.87	18.91	20.00
		50	0	18.89	18.90	18.93	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.86	18.88	18.89	20.00
		1	38	18.87	18.89	18.92	20.00
		1	74	18.94	18.93	18.88	20.00
		36	0	18.94	18.92	18.89	20.00
		36	18	18.89	18.88	18.88	20.00
		36	39	18.91	18.86	18.88	20.00
		75	0	18.92	18.94	18.95	20.00
	16QAM	1	0	18.92	18.88	18.91	20.00
		1	38	18.94	18.94	18.90	20.00
		1	74	18.95	18.91	18.94	20.00
		36	0	18.93	18.88	18.92	20.00
		36	18	18.91	18.91	18.93	20.00
		36	39	18.90	18.89	18.91	20.00
		75	0	18.87	18.89	18.88	20.00
	64QAM	1	0	18.87	18.92	18.90	20.00
		1	38	18.91	18.91	18.88	20.00
		1	74	18.91	18.92	18.93	20.00
		36	0	18.88	18.92	18.94	20.00
		36	18	18.91	18.89	18.92	20.00
		36	39	18.94	18.90	18.91	20.00
		75	0	18.88	18.91	18.94	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.09	19.12	19.02	20.00
		1	50	18.90	18.89	18.93	20.00
		1	99	18.92	18.93	18.94	20.00
		50	0	18.98	19.01	19.01	20.00
		50	25	18.92	18.86	18.95	20.00
		50	50	18.89	18.90	18.92	20.00
		100	0	18.92	18.96	18.92	20.00

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	16QAM	1	0	18.93	18.93	18.92	20.00
		1	50	18.91	18.92	18.93	20.00
		1	99	18.90	18.88	18.93	20.00
		50	0	18.91	18.93	18.89	20.00
		50	25	18.89	18.87	18.92	20.00
		50	50	18.92	18.89	18.87	20.00
		100	0	18.94	18.93	18.91	20.00
	64QAM	1	0	18.94	18.88	18.90	20.00
		1	50	18.89	18.88	18.94	20.00
		1	99	18.89	18.93	18.93	20.00
		50	0	18.88	18.91	18.88	20.00
		50	25	18.94	18.91	18.93	20.00
		50	50	18.93	18.89	18.89	20.00
		100	0	18.90	18.87	18.87	20.00

LTE Band 4 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.88	22.73	22.79	24.00
		1	2	22.88	22.77	22.72	24.00
		1	5	22.65	22.73	22.74	24.00
		3	0	22.87	22.66	22.74	24.00
		3	2	22.88	22.80	22.67	24.00
		3	3	22.64	22.74	22.74	24.00
		6	0	21.73	21.80	21.74	23.00
	16QAM	1	0	21.77	21.82	21.81	23.00
		1	2	21.89	21.78	21.75	23.00
		1	5	21.78	21.76	21.79	23.00
		3	0	21.79	21.80	21.85	23.00
		3	2	21.89	21.82	21.70	23.00
		3	3	21.79	21.87	21.80	23.00
		6	0	20.85	20.77	20.86	22.00
	64QAM	1	0	20.73	20.87	20.70	22.00
		1	2	20.69	20.79	20.78	22.00
		1	5	20.83	20.73	20.72	22.00
		3	0	20.70	20.83	20.71	22.00
		3	2	20.68	20.71	20.80	22.00
		3	3	20.67	20.74	20.80	22.00
		6	0	19.71	19.67	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	

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3MHz	QPSK	1	0	22.94	22.84	22.88	24.00
		1	7	22.86	22.89	22.82	24.00
		1	14	22.82	22.84	22.85	24.00
		8	0	21.90	21.91	21.86	23.00
		8	4	21.89	21.87	21.83	23.00
		8	7	21.86	21.90	21.90	23.00
		15	0	21.89	21.87	21.85	23.00
	16QAM	1	0	21.82	21.84	21.82	23.00
		1	7	21.95	21.93	21.86	23.00
		1	14	21.90	21.84	21.81	23.00
		8	0	20.91	20.85	20.87	22.00
		8	4	20.85	20.88	20.86	22.00
		8	7	20.83	20.90	20.93	22.00
		15	0	20.90	20.86	20.88	22.00
	64QAM	1	0	20.84	20.97	20.87	22.00
		1	7	20.85	20.82	20.87	22.00
		1	14	20.83	20.83	20.92	22.00
		8	0	19.93	19.86	19.85	21.00
		8	4	19.88	19.95	19.93	21.00
		8	7	19.91	19.85	19.85	21.00
		15	0	19.90	19.92	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.86	22.82	22.94	24.00
		1	13	22.87	22.91	22.84	24.00
		1	24	22.91	22.83	22.89	24.00
		12	0	21.94	21.90	21.92	23.00
		12	6	22.00	21.83	21.90	23.00
		12	13	21.88	21.91	21.95	23.00
		25	0	21.88	21.97	21.90	23.00
	16QAM	1	0	21.90	21.88	21.87	23.00
		1	13	21.88	21.87	21.98	23.00
		1	24	21.81	21.85	21.83	23.00
		12	0	20.94	20.91	20.80	22.00
		12	6	20.94	20.93	20.85	22.00
		12	13	20.89	20.84	20.92	22.00
		25	0	20.99	20.85	20.90	22.00
	64QAM	1	0	20.92	20.91	20.88	22.00
		1	13	20.88	20.84	20.92	22.00
		1	24	20.87	20.88	20.83	22.00
		12	0	19.88	19.91	19.86	21.00
		12	6	19.89	19.97	19.91	21.00
		12	13	19.98	19.86	19.81	21.00

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		25	0	19.83	19.91	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.89	22.81	22.91	24.00
		1	25	22.95	22.92	22.82	24.00
		1	49	22.85	22.84	22.89	24.00
		25	0	21.93	21.95	21.95	23.00
		25	13	21.97	21.88	21.92	23.00
		25	25	21.95	21.89	21.87	23.00
		50	0	21.82	21.88	21.90	23.00
	16QAM	1	0	21.94	21.84	21.93	23.00
		1	25	21.99	21.83	21.94	23.00
		1	49	21.86	21.92	21.88	23.00
		25	0	20.97	20.94	20.87	22.00
		25	13	20.87	20.91	20.95	22.00
		25	25	20.88	20.84	20.97	22.00
		50	0	20.89	20.90	20.85	22.00
	64QAM	1	0	20.85	20.98	20.85	22.00
		1	25	20.92	20.89	20.96	22.00
		1	49	20.90	20.92	20.82	22.00
		25	0	19.93	19.92	19.80	21.00
		25	13	19.85	19.86	19.98	21.00
		25	25	19.92	19.85	19.85	21.00
		50	0	19.89	19.86	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.92	22.79	22.92	24.00
		1	38	22.98	22.90	22.89	24.00
		1	74	22.86	22.86	22.89	24.00
		36	0	21.87	21.82	21.95	23.00
		36	18	21.90	21.95	21.84	23.00
		36	39	21.87	21.90	21.89	23.00
		75	0	21.82	21.89	21.88	23.00
	16QAM	1	0	21.88	21.90	21.84	23.00
		1	38	21.95	21.92	21.86	23.00
		1	74	21.84	21.84	21.88	23.00
		36	0	20.90	20.84	20.88	22.00
		36	18	20.90	20.87	20.90	22.00
		36	39	20.87	20.92	20.93	22.00
		75	0	20.90	20.89	20.89	22.00
	64QAM	1	0	20.89	20.98	20.84	22.00
		1	38	20.89	20.80	20.97	22.00
		1	74	20.84	20.83	20.82	22.00

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		36	0	19.86	19.92	19.86	21.00
		36	18	19.90	19.88	19.97	21.00
		36	39	19.92	19.80	19.82	21.00
		75	0	19.83	19.82	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.88	22.95	22.94	24.00
		1	50	22.93	22.93	22.90	24.00
		1	99	22.88	22.81	22.91	24.00
		50	0	21.87	21.89	21.91	23.00
		50	25	21.98	21.91	21.87	23.00
		50	50	21.96	21.88	21.90	23.00
		100	0	21.92	21.97	21.83	23.00
	16QAM	1	0	21.82	21.89	21.92	23.00
		1	50	21.87	21.93	21.93	23.00
		1	99	21.81	21.93	21.92	23.00
		50	0	20.91	20.92	20.84	22.00
		50	25	20.95	20.94	20.96	22.00
		50	50	20.87	20.87	20.94	22.00
		100	0	20.88	20.94	20.86	22.00
	64QAM	1	0	20.90	20.92	20.84	22.00
		1	50	20.91	20.81	20.96	22.00
		1	99	20.93	20.84	20.85	22.00
		50	0	19.91	19.85	19.90	21.00
		50	25	19.87	19.87	19.94	21.00
		50	50	19.92	19.90	19.80	21.00
		100	0	19.90	19.92	19.87	21.00

LTE Band 4 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.37	20.33	20.38	21.50
		1	2	20.29	20.29	20.27	21.50
		1	5	20.32	20.33	20.24	21.50
		3	0	20.29	20.25	20.21	21.50
		3	2	20.24	20.32	20.26	21.50
		3	3	20.37	20.28	20.29	21.50
		6	0	20.31	20.35	20.37	21.50
	16QAM	1	0	20.33	20.29	20.28	21.50
		1	2	20.34	20.26	20.29	21.50
		1	5	20.35	20.33	20.25	21.50

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		3	0	20.34	20.30	20.34	21.50
		3	2	20.28	20.28	20.28	21.50
		3	3	20.27	20.30	20.29	21.50
		6	0	20.31	20.31	20.28	21.50
	64QAM	1	0	20.30	20.28	20.27	21.50
		1	2	20.28	20.23	20.34	21.50
		1	5	20.31	20.33	20.27	21.50
		3	0	20.29	20.29	20.21	21.50
		3	2	20.26	20.28	20.34	21.50
		3	3	20.36	20.21	20.25	21.50
		6	0	19.81	19.80	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.28	20.29	20.27	21.50
		1	7	20.31	20.26	20.28	21.50
		1	14	20.21	20.25	20.28	21.50
		8	0	20.31	20.28	20.28	21.50
		8	4	20.28	20.28	20.29	21.50
		8	7	20.31	20.25	20.32	21.50
		15	0	20.24	20.21	20.26	21.50
	16QAM	1	0	20.31	20.23	20.32	21.50
		1	7	20.29	20.23	20.33	21.50
		1	14	20.30	20.30	20.29	21.50
		8	0	20.26	20.36	20.33	21.50
		8	4	20.33	20.34	20.34	21.50
		8	7	20.27	20.20	20.24	21.50
		15	0	20.27	20.28	20.32	21.50
	64QAM	1	0	20.33	20.31	20.24	21.50
		1	7	20.26	20.27	20.34	21.50
		1	14	20.27	20.30	20.34	21.50
		8	0	19.79	19.72	19.74	21.00
		8	4	19.88	19.79	19.86	21.00
		8	7	19.82	19.82	19.72	21.00
		15	0	19.75	19.80	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.33	20.25	20.24	21.50
		1	13	20.26	20.28	20.29	21.50
		1	24	20.25	20.32	20.27	21.50
		12	0	20.32	20.29	20.25	21.50
		12	6	20.28	20.32	20.28	21.50
		12	13	20.25	20.26	20.28	21.50

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	16QAM	25	0	20.29	20.26	20.31	21.50
		1	0	20.24	20.25	20.26	21.50
		1	13	20.26	20.27	20.24	21.50
		1	24	20.26	20.29	20.32	21.50
		12	0	20.32	20.24	20.30	21.50
		12	6	20.27	20.32	20.31	21.50
		12	13	20.28	20.32	20.26	21.50
		25	0	20.24	20.31	20.33	21.50
	64QAM	1	0	20.30	20.24	20.26	21.50
		1	13	20.28	20.27	20.27	21.50
		1	24	20.32	20.26	20.30	21.50
		12	0	19.81	19.80	19.77	21.00
		12	6	19.81	19.77	19.79	21.00
		12	13	19.76	19.80	19.75	21.00
		25	0	19.79	19.76	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.31	20.30	20.32	21.50
		1	25	20.27	20.26	20.28	21.50
		1	49	20.30	20.24	20.26	21.50
		25	0	20.31	20.30	20.32	21.50
		25	13	20.32	20.28	20.32	21.50
		25	25	20.32	20.25	20.31	21.50
		50	0	20.27	20.27	20.27	21.50
	16QAM	1	0	20.30	20.25	20.25	21.50
		1	25	20.27	20.25	20.25	21.50
		1	49	20.32	20.31	20.28	21.50
		25	0	20.30	20.28	20.31	21.50
		25	13	20.27	20.28	20.33	21.50
		25	25	20.26	20.29	20.33	21.50
		50	0	20.27	20.32	20.30	21.50
	64QAM	1	0	20.28	20.24	20.29	21.50
		1	25	20.27	20.33	20.31	21.50
		1	49	20.26	20.30	20.30	21.50
		25	0	19.77	19.81	19.81	21.00
		25	13	19.81	19.82	19.75	21.00
		25	25	19.78	19.81	19.75	21.00
		50	0	19.82	19.79	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.28	20.26	20.25	21.50
		1	38	20.32	20.25	20.30	21.50
		1	74	20.26	20.24	20.28	21.50

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		36	0	20.26	20.26	20.27	21.50
		36	18	20.28	20.31	20.27	21.50
		36	39	20.28	20.24	20.31	21.50
		75	0	20.26	20.32	20.28	21.50
	16QAM	1	0	20.28	20.27	20.24	21.50
		1	38	20.32	20.32	20.30	21.50
		1	74	20.29	20.26	20.29	21.50
		36	0	20.29	20.26	20.28	21.50
		36	18	20.29	20.28	20.29	21.50
		36	39	20.26	20.27	20.27	21.50
		75	0	20.25	20.32	20.28	21.50
		75	0	20.25	20.32	20.28	21.50
	64QAM	1	0	20.29	20.32	20.25	21.50
		1	38	20.33	20.26	20.27	21.50
		1	74	20.25	20.30	20.25	21.50
		36	0	19.81	19.78	19.77	21.00
		36	18	19.76	19.79	19.76	21.00
		36	39	19.82	19.79	19.79	21.00
		75	0	19.79	19.81	19.79	21.00
		75	0	19.79	19.81	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.38	20.39	20.35	21.50
		1	50	20.28	20.26	20.32	21.50
		1	99	20.31	20.31	20.32	21.50
		50	0	20.31	20.35	20.34	21.50
		50	25	20.25	20.30	20.32	21.50
		50	50	20.30	20.30	20.27	21.50
		100	0	20.26	20.28	20.25	21.50
	16QAM	1	0	20.31	20.26	20.31	21.50
		1	50	20.27	20.31	20.24	21.50
		1	99	20.27	20.32	20.31	21.50
		50	0	20.32	20.29	20.26	21.50
		50	25	20.26	20.25	20.25	21.50
		50	50	20.26	20.27	20.28	21.50
		100	0	20.29	20.25	20.27	21.50
	64QAM	1	0	20.25	20.30	20.25	21.50
		1	50	20.26	20.25	20.29	21.50
		1	99	20.24	20.32	20.32	21.50
		50	0	19.79	19.74	19.76	21.00
		50	25	19.79	19.79	19.78	21.00
		50	50	19.81	19.81	19.74	21.00
		100	0	19.77	19.77	19.82	21.00

Conducted Power(dBm)

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LTE Band 4 State5							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.83	15.76	15.79	17.00
		1	2	15.77	15.77	15.78	17.00
		1	5	15.76	15.79	15.77	17.00
		3	0	15.80	15.75	15.76	17.00
		3	2	15.76	15.81	15.75	17.00
		3	3	15.75	15.81	15.79	17.00
		6	0	15.80	15.78	15.81	17.00
	16QAM	1	0	15.82	15.79	15.82	17.00
		1	2	15.78	15.78	15.76	17.00
		1	5	15.82	15.82	15.76	17.00
		3	0	15.75	15.77	15.78	17.00
		3	2	15.76	15.82	15.76	17.00
		3	3	15.81	15.79	15.79	17.00
		6	0	15.80	15.76	15.83	17.00
	64QAM	1	0	15.77	15.78	15.78	17.00
		1	2	15.82	15.78	15.80	17.00
		1	5	15.75	15.82	15.80	17.00
		3	0	15.78	15.75	15.79	17.00
		3	2	15.77	15.77	15.77	17.00
		3	3	15.78	15.79	15.76	17.00
		6	0	15.79	15.78	15.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.75	15.78	15.82	17.00
		1	7	15.80	15.78	15.78	17.00
		1	14	15.78	15.77	15.82	17.00
		8	0	15.79	15.78	15.80	17.00
		8	4	15.79	15.77	15.77	17.00
		8	7	15.83	15.75	15.78	17.00
		15	0	15.82	15.82	15.75	17.00
	16QAM	1	0	15.83	15.76	15.79	17.00
		1	7	15.78	15.76	15.76	17.00
		1	14	15.81	15.75	15.76	17.00
		8	0	15.77	15.74	15.82	17.00
		8	4	15.80	15.79	15.82	17.00
		8	7	15.81	15.75	15.76	17.00
		15	0	15.76	15.76	15.81	17.00
	64QAM	1	0	15.75	15.80	15.81	17.00
		1	7	15.75	15.79	15.81	17.00

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		1	14	15.77	15.82	15.79	17.00
		8	0	15.80	15.80	15.75	17.00
		8	4	15.75	15.76	15.83	17.00
		8	7	15.78	15.83	15.75	17.00
		15	0	15.83	15.80	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.76	15.83	15.78	17.00
		1	13	15.80	15.75	15.77	17.00
		1	24	15.81	15.81	15.79	17.00
		12	0	15.81	15.80	15.82	17.00
		12	6	15.81	15.74	15.76	17.00
		12	13	15.74	15.77	15.79	17.00
		25	0	15.82	15.81	15.81	17.00
	16QAM	1	0	15.82	15.76	15.82	17.00
		1	13	15.77	15.81	15.80	17.00
		1	24	15.74	15.80	15.81	17.00
		12	0	15.80	15.76	15.76	17.00
		12	6	15.82	15.78	15.81	17.00
		12	13	15.76	15.80	15.81	17.00
		25	0	15.81	15.82	15.81	17.00
	64QAM	1	0	15.75	15.81	15.79	17.00
		1	13	15.77	15.75	15.82	17.00
		1	24	15.77	15.79	15.75	17.00
		12	0	15.78	15.77	15.78	17.00
		12	6	15.77	15.82	15.79	17.00
		12	13	15.78	15.79	15.79	17.00
		25	0	15.79	15.77	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.82	15.71	15.73	17.00
		1	25	15.86	15.76	15.75	17.00
		1	49	15.84	15.75	15.83	17.00
		25	0	15.79	15.77	15.76	17.00
		25	13	15.79	15.83	15.81	17.00
		25	25	15.76	15.86	15.79	17.00
		50	0	15.81	15.84	15.75	17.00
	16QAM	1	0	15.84	15.79	15.81	17.00
		1	25	15.85	15.79	15.73	17.00
		1	49	15.81	15.82	15.76	17.00
		25	0	15.83	15.85	15.78	17.00
		25	13	15.81	15.78	15.82	17.00
		25	25	15.77	15.78	15.76	17.00

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		50	0	15.73	15.80	15.75	17.00
	64QAM	1	0	15.77	15.76	15.80	17.00
		1	25	15.78	15.74	15.80	17.00
		1	49	15.75	15.83	15.85	17.00
		25	0	15.73	15.80	15.77	17.00
		25	13	15.73	15.75	15.78	17.00
		25	25	15.81	15.81	15.76	17.00
		50	0	15.75	15.85	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.85	15.77	15.75	17.00
		1	38	15.86	15.76	15.79	17.00
		1	74	15.79	15.80	15.80	17.00
		36	0	15.73	15.73	15.80	17.00
		36	18	15.81	15.85	15.78	17.00
		36	39	15.74	15.85	15.77	17.00
		75	0	15.83	15.84	15.76	17.00
	16QAM	1	0	15.82	15.82	15.76	17.00
		1	38	15.86	15.78	15.75	17.00
		1	74	15.76	15.79	15.72	17.00
		36	0	15.84	15.84	15.75	17.00
		36	18	15.78	15.78	15.79	17.00
		36	39	15.79	15.78	15.76	17.00
		75	0	15.76	15.78	15.79	17.00
	64QAM	1	0	15.74	15.73	15.77	17.00
		1	38	15.73	15.79	15.77	17.00
		1	74	15.75	15.81	15.87	17.00
		36	0	15.71	15.86	15.74	17.00
		36	18	15.73	15.76	15.82	17.00
		36	39	15.74	15.86	15.79	17.00
		75	0	15.79	15.85	15.76	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15.82	15.99	15.82	17.00
		1	50	15.77	15.77	15.78	17.00
		1	99	15.75	15.81	15.78	17.00
		50	0	15.88	15.90	15.87	17.00
		50	25	15.82	15.79	15.74	17.00
		50	50	15.80	15.79	15.81	17.00
		100	0	15.82	15.85	15.81	17.00
	16QAM	1	0	15.83	15.82	15.75	17.00
		1	50	15.79	15.82	15.75	17.00
		1	99	15.81	15.77	15.81	17.00

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		50	0	15.82	15.74	15.76	17.00
		50	25	15.79	15.81	15.76	17.00
		50	50	15.82	15.83	15.78	17.00
		100	0	15.76	15.77	15.74	17.00
	64QAM	1	0	15.77	15.78	15.82	17.00
		1	50	15.81	15.80	15.76	17.00
		1	99	15.75	15.75	15.82	17.00
		50	0	15.77	15.75	15.81	17.00
		50	25	15.77	15.79	15.75	17.00
		50	50	15.83	15.83	15.81	17.00
		100	0	15.76	15.82	15.79	17.00

LTE Band 5 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.72	22.65	22.62	24.00
		1	2	22.70	22.64	22.57	24.00
		1	5	22.66	22.62	22.60	24.00
		3	0	22.71	22.61	22.70	24.00
		3	2	22.71	22.61	22.58	24.00
		3	3	22.55	22.58	22.60	24.00
		6	0	21.64	21.64	21.76	23.00
	16QAM	1	0	21.65	21.73	21.76	23.00
		1	2	21.81	21.72	21.61	23.00
		1	5	21.70	21.70	21.61	23.00
		3	0	21.68	21.64	21.73	23.00
		3	2	21.74	21.71	21.71	23.00
		3	3	21.63	21.73	21.69	23.00
		6	0	20.68	20.67	20.76	22.00
	64QAM	1	0	20.59	20.77	20.57	22.00
		1	2	20.67	20.71	20.60	22.00
		1	5	20.70	20.68	20.63	22.00
		3	0	20.65	20.62	20.63	22.00
		3	2	20.62	20.68	20.69	22.00
		3	3	20.60	20.67	20.68	22.00
		6	0	19.62	19.63	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.73	22.71	22.73	24.00
		1	7	22.78	22.64	22.62	24.00
		1	14	22.71	22.72	22.67	24.00
		8	0	21.69	21.70	21.71	23.00
		8	4	21.77	21.75	21.62	23.00

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		8	7	21.68	21.65	21.75	23.00
		15	0	21.64	21.72	21.62	23.00
	16QAM	1	0	21.62	21.71	21.69	23.00
		1	7	21.69	21.70	21.74	23.00
		1	14	21.59	21.73	21.67	23.00
		8	0	20.75	20.71	20.68	22.00
		8	4	20.75	20.71	20.70	22.00
		8	7	20.60	20.73	20.72	22.00
		15	0	20.76	20.62	20.69	22.00
	64QAM	1	0	20.71	20.72	20.64	22.00
		1	7	20.74	20.60	20.66	22.00
		1	14	20.63	20.65	20.70	22.00
		8	0	19.69	19.70	19.63	21.00
		8	4	19.69	19.70	19.77	21.00
		8	7	19.76	19.64	19.67	21.00
		15	0	19.72	19.64	19.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.73	22.66	22.71	24.00
		1	13	22.67	22.64	22.65	24.00
		1	24	22.70	22.66	22.72	24.00
		12	0	21.65	21.75	21.70	23.00
		12	6	21.68	21.75	21.68	23.00
		12	13	21.66	21.69	21.77	23.00
		25	0	21.71	21.77	21.69	23.00
	16QAM	1	0	21.66	21.71	21.67	23.00
		1	13	21.68	21.69	21.69	23.00
		1	24	21.59	21.73	21.69	23.00
		12	0	20.74	20.69	20.59	22.00
		12	6	20.72	20.70	20.66	22.00
		12	13	20.60	20.74	20.75	22.00
		25	0	20.79	20.64	20.77	22.00
	64QAM	1	0	20.66	20.71	20.71	22.00
		1	13	20.67	20.65	20.65	22.00
		1	24	20.68	20.69	20.65	22.00
		12	0	19.70	19.66	19.65	21.00
		12	6	19.68	19.71	19.79	21.00
		12	13	19.76	19.58	19.72	21.00
		25	0	19.73	19.73	19.63	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.70	22.77	22.69	24.00
		1	25	22.74	22.75	22.70	24.00

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		1	49	22.60	22.65	22.63	24.00
		25	0	21.75	21.68	21.77	23.00
		25	13	21.76	21.64	21.73	23.00
		25	25	21.74	21.74	21.72	23.00
		50	0	21.60	21.76	21.73	23.00
	16QAM	1	0	21.67	21.63	21.72	23.00
		1	25	21.73	21.69	21.71	23.00
		1	49	21.70	21.65	21.73	23.00
		25	0	20.71	20.69	20.66	22.00
		25	13	20.77	20.72	20.72	22.00
		25	25	20.66	20.66	20.77	22.00
		50	0	20.71	20.68	20.70	22.00
	64QAM	1	0	20.61	20.69	20.71	22.00
		1	25	20.68	20.61	20.71	22.00
		1	49	20.62	20.65	20.70	22.00
		25	0	19.70	19.70	19.60	21.00
		25	13	19.71	19.78	19.76	21.00
		25	25	19.66	19.64	19.65	21.00
		50	0	19.69	19.64	19.67	21.00

LTE Band 5 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.09	22.07	22.09	23.50
		1	2	22.18	22.11	22.14	23.50
		1	5	22.19	22.05	22.15	23.50
		3	0	22.14	22.08	22.11	23.50
		3	2	22.05	22.10	22.09	23.50
		3	3	22.08	22.13	22.18	23.50
		6	0	21.60	21.68	21.62	23.00
	16QAM	1	0	21.60	21.65	21.66	23.00
		1	2	21.57	21.67	21.64	23.00
		1	5	21.61	21.63	21.63	23.00
		3	0	21.68	21.68	21.55	23.00
		3	2	21.57	21.62	21.67	23.00
		3	3	21.56	21.59	21.59	23.00
		6	0	20.59	20.56	20.59	22.00
	64QAM	1	0	20.61	20.58	20.69	22.00
		1	2	20.65	20.63	20.63	22.00
		1	5	20.56	20.60	20.58	22.00
		3	0	20.59	20.56	20.67	22.00
		3	2	20.54	20.68	20.62	22.00
		3	3	20.63	20.68	20.57	22.00

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		6	0	19.66	19.65	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.09	22.17	22.12	23.50
		1	7	22.14	22.11	22.18	23.50
		1	14	22.14	22.09	22.16	23.50
		8	0	21.61	21.59	21.54	23.00
		8	4	21.65	21.57	21.62	23.00
		8	7	21.60	21.66	21.60	23.00
		15	0	21.64	21.58	21.55	23.00
	16QAM	1	0	21.66	21.56	21.66	23.00
		1	7	21.60	21.61	21.60	23.00
		1	14	21.63	21.62	21.61	23.00
		8	0	20.61	20.62	20.68	22.00
		8	4	20.67	20.61	20.61	22.00
		8	7	20.53	20.61	20.56	22.00
		15	0	20.56	20.59	20.63	22.00
	64QAM	1	0	20.65	20.58	20.58	22.00
		1	7	20.62	20.64	20.58	22.00
		1	14	20.58	20.59	20.57	22.00
		8	0	19.61	19.60	19.58	21.00
		8	4	19.67	19.66	19.64	21.00
		8	7	19.63	19.62	19.65	21.00
		15	0	19.68	19.54	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.13	22.18	22.12	23.50
		1	13	22.16	22.14	22.11	23.50
		1	24	22.15	22.08	22.18	23.50
		12	0	21.59	21.64	21.60	23.00
		12	6	21.61	21.54	21.65	23.00
		12	13	21.57	21.64	21.65	23.00
		25	0	21.59	21.62	21.62	23.00
	16QAM	1	0	21.66	21.55	21.66	23.00
		1	13	21.56	21.62	21.65	23.00
		1	24	21.68	21.65	21.58	23.00
		12	0	20.63	20.65	20.61	22.00
		12	6	20.64	20.61	20.64	22.00
		12	13	20.53	20.59	20.59	22.00
		25	0	20.57	20.62	20.57	22.00
	64QAM	1	0	20.65	20.56	20.61	22.00
		1	13	20.61	20.60	20.63	22.00
		1	24	20.55	20.57	20.56	22.00

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		12	0	19.68	19.64	19.54	21.00
		12	6	19.61	19.64	19.67	21.00
		12	13	19.57	19.62	19.58	21.00
		25	0	19.66	19.60	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.21	22.32	22.20	23.50
		1	25	22.10	22.06	22.12	23.50
		1	49	22.17	22.06	22.14	23.50
		25	0	21.66	21.74	21.66	23.00
		25	13	21.58	21.55	21.60	23.00
		25	25	21.60	21.61	21.61	23.00
		50	0	21.62	21.67	21.54	23.00
	16QAM	1	0	21.61	21.53	21.64	23.00
		1	25	21.57	21.65	21.61	23.00
		1	49	21.68	21.58	21.62	23.00
		25	0	20.60	20.61	20.60	22.00
		25	13	20.67	20.60	20.64	22.00
		25	25	20.55	20.62	20.60	22.00
		50	0	20.58	20.63	20.64	22.00
	64QAM	1	0	20.68	20.61	20.57	22.00
		1	25	20.58	20.59	20.66	22.00
		1	49	20.58	20.52	20.60	22.00
		25	0	19.68	19.63	19.56	21.00
		25	13	19.66	19.60	19.67	21.00
		25	25	19.61	19.56	19.60	21.00
		50	0	19.67	19.52	19.60	21.00

LTE Band 5 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.13	21.16	21.06	22.50
		1	2	21.16	21.09	21.15	22.50
		1	5	21.16	21.15	21.16	22.50
		3	0	21.07	21.05	21.14	22.50
		3	2	21.16	21.18	21.16	22.50
		3	3	21.11	21.12	21.17	22.50
		6	0	21.13	21.15	21.19	22.50
	16QAM	1	0	21.09	21.20	21.13	22.50
		1	2	21.15	21.14	21.10	22.50
		1	5	21.11	21.14	21.07	22.50
		3	0	21.11	21.12	21.11	22.50
		3	2	21.09	21.14	21.15	22.50

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		3	3	21.19	21.17	21.21	22.50
		6	0	20.60	20.63	20.58	22.00
	64QAM	1	0	20.62	20.62	20.63	22.00
		1	2	20.64	20.56	20.66	22.00
		1	5	20.68	20.63	20.66	22.00
		3	0	20.64	20.60	20.65	22.00
		3	2	20.64	20.58	20.64	22.00
		3	3	20.61	20.64	20.65	22.00
		6	0	19.65	19.61	19.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.08	21.20	21.17	22.50
		1	7	21.11	21.15	21.10	22.50
		1	14	21.10	21.07	21.09	22.50
		8	0	21.06	21.17	21.14	22.50
		8	4	21.10	21.19	21.15	22.50
		8	7	21.12	21.14	21.08	22.50
		15	0	21.15	21.14	21.16	22.50
	16QAM	1	0	21.17	21.17	21.08	22.50
		1	7	21.12	21.19	21.21	22.50
		1	14	21.18	21.10	21.18	22.50
		8	0	20.63	20.67	20.66	22.00
		8	4	20.62	20.65	20.66	22.00
		8	7	20.63	20.65	20.64	22.00
		15	0	20.62	20.65	20.65	22.00
	64QAM	1	0	20.63	20.66	20.67	22.00
		1	7	20.63	20.60	20.62	22.00
		1	14	20.59	20.59	20.59	22.00
		8	0	19.61	19.65	19.66	21.00
		8	4	19.61	19.65	19.64	21.00
		8	7	19.57	19.61	19.67	21.00
		15	0	19.65	19.62	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	21.12	21.19	21.15	22.50
		1	13	21.14	21.15	21.11	22.50
		1	24	21.18	21.06	21.13	22.50
		12	0	21.10	21.14	21.15	22.50
		12	6	21.14	21.10	21.14	22.50
		12	13	21.10	21.12	21.08	22.50
		25	0	21.13	21.13	21.12	22.50
	16QAM	1	0	21.15	21.14	21.15	22.50
		1	13	21.10	21.19	21.16	22.50

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		1	24	21.18	21.12	21.13	22.50
		12	0	20.59	20.71	20.69	22.00
		12	6	20.63	20.64	20.61	22.00
		12	13	20.58	20.61	20.61	22.00
		25	0	20.59	20.60	20.62	22.00
	64QAM	1	0	20.62	20.64	20.60	22.00
		1	13	20.65	20.66	20.62	22.00
		1	24	20.62	20.56	20.64	22.00
		12	0	19.61	19.65	19.65	21.00
		12	6	19.56	19.61	19.63	21.00
		12	13	19.60	19.60	19.63	21.00
		25	0	19.69	19.66	19.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	21.33	21.35	21.17	22.50
		1	25	21.14	21.17	21.14	22.50
		1	49	21.19	21.10	21.11	22.50
		25	0	21.23	21.24	21.24	22.50
		25	13	21.15	21.13	21.21	22.50
		25	25	21.11	21.11	21.10	22.50
		50	0	21.15	21.26	21.20	22.50
	16QAM	1	0	21.15	21.16	21.08	22.50
		1	25	21.09	21.18	21.17	22.50
		1	49	21.18	21.08	21.19	22.50
		25	0	20.63	20.65	20.65	22.00
		25	13	20.61	20.65	20.59	22.00
		25	25	20.64	20.66	20.59	22.00
		50	0	20.62	20.60	20.64	22.00
	64QAM	1	0	20.67	20.65	20.63	22.00
		1	25	20.63	20.65	20.59	22.00
		1	49	20.59	20.57	20.60	22.00
		25	0	19.55	19.64	19.63	21.00
		25	13	19.55	19.64	19.66	21.00
		25	25	19.59	19.60	19.62	21.00
		50	0	19.68	19.64	19.70	21.00

LTE Band 7 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	23.01	23.04	23.09	23.70
		1	13	23.10	23.11	23.08	23.70
		1	24	22.94	23.09	22.98	23.70
		12	0	22.04	22.09	22.12	22.70

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		12	6	22.12	22.00	22.04	22.70
		12	13	22.09	21.99	22.09	22.70
		25	0	21.96	22.04	21.96	22.70
	16QAM	1	0	22.06	21.96	22.01	22.70
		1	13	22.11	22.05	22.11	22.70
		1	24	22.04	22.06	21.95	22.70
		12	0	21.12	21.03	21.00	21.70
		12	6	21.02	21.07	21.04	21.70
		12	13	21.05	21.00	21.10	21.70
		25	0	21.06	21.08	21.10	21.70
	64QAM	1	0	21.07	21.13	21.04	21.70
		1	13	21.05	21.05	21.03	21.70
		1	24	21.00	21.09	21.03	21.70
		12	0	19.98	20.06	20.04	20.70
		12	6	20.03	20.05	20.07	20.70
		12	13	20.07	20.04	20.02	20.70
		25	0	20.05	20.07	19.99	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.01	22.95	23.01	23.70
		1	25	23.11	23.05	23.06	23.70
		1	49	22.97	23.04	23.04	23.70
		25	0	22.04	21.99	22.05	22.70
		25	13	22.11	22.06	22.07	22.70
		25	25	22.10	22.00	22.08	22.70
		50	0	22.05	22.05	22.08	22.70
	16QAM	1	0	22.00	22.05	21.98	22.70
		1	25	22.04	22.09	22.06	22.70
		1	49	22.05	22.03	21.99	22.70
		25	0	21.08	21.06	21.03	21.70
		25	13	21.00	21.06	21.09	21.70
		25	25	20.95	21.01	21.15	21.70
		50	0	21.10	21.07	21.09	21.70
	64QAM	1	0	21.04	21.08	21.00	21.70
		1	25	21.06	20.96	21.09	21.70
		1	49	21.09	21.05	21.04	21.70
		25	0	20.04	20.00	19.94	20.70
		25	13	20.04	20.12	20.06	20.70
		25	25	20.06	19.96	20.00	20.70
		50	0	20.03	20.03	20.03	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.01	23.02	23.08	23.70

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		1	38	23.04	23.01	23.06	23.70
		1	74	23.02	22.99	23.05	23.70
		36	0	22.09	22.04	22.02	22.70
		36	18	22.09	22.09	21.98	22.70
		36	39	22.07	21.97	22.02	22.70
		75	0	21.97	22.03	21.96	22.70
	16QAM	1	0	21.96	21.96	22.08	22.70
		1	38	22.07	21.99	22.06	22.70
		1	74	21.95	22.03	22.06	22.70
		36	0	21.03	21.01	20.96	21.70
		36	18	21.04	21.08	21.06	21.70
		36	39	20.97	21.08	21.05	21.70
	64QAM	75	0	21.03	21.03	21.02	21.70
		1	0	20.99	21.05	20.94	21.70
		1	38	20.99	20.95	21.07	21.70
		1	74	21.05	21.06	21.05	21.70
		36	0	20.00	20.12	20.04	20.70
		36	18	20.06	20.03	20.07	20.70
		36	39	20.13	19.98	20.04	20.70
		75	0	20.05	19.96	20.02	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.03	23.05	23.02	23.70
		1	50	23.02	22.99	23.01	23.70
		1	99	22.97	22.93	22.91	23.70
		50	0	22.04	22.04	22.13	22.70
		50	25	22.09	22.09	21.97	22.70
		50	50	22.10	22.03	22.09	22.70
	16QAM	100	0	22.06	22.00	22.03	22.70
		1	0	22.01	21.96	22.04	22.70
		1	50	22.03	22.06	22.05	22.70
		1	99	22.01	22.08	21.99	22.70
		50	0	21.04	21.02	20.99	21.70
		50	25	21.01	21.03	21.02	21.70
	64QAM	50	50	20.99	21.10	21.05	21.70
		100	0	21.09	21.10	21.03	21.70
		1	0	21.01	21.02	21.06	21.70
		1	50	20.97	21.01	20.99	21.70
		1	99	21.04	21.02	21.03	21.70
		50	0	20.04	20.06	19.94	20.70
		50	25	20.02	20.12	20.11	20.70
		50	50	20.02	20.02	19.98	20.70
		100	0	20.00	19.98	19.95	20.70

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LTE Band 7 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.02	18.01	17.97	18.70
		1	13	17.98	17.98	17.97	18.70
		1	24	17.99	18.01	17.94	18.70
		12	0	18.02	17.98	18.02	18.70
		12	6	18.04	18.01	17.94	18.70
		12	13	17.96	18.04	17.99	18.70
		25	0	18.01	18.03	18.04	18.70
	16QAM	1	0	18.00	18.03	17.93	18.70
		1	13	17.96	17.99	18.01	18.70
		1	24	17.96	17.96	18.00	18.70
		12	0	17.99	17.98	17.98	18.70
		12	6	18.01	18.00	17.99	18.70
		12	13	18.05	17.98	18.00	18.70
		25	0	17.98	17.94	17.96	18.70
	64QAM	1	0	18.03	18.00	17.99	18.70
		1	13	18.02	17.96	17.94	18.70
		1	24	18.00	18.00	18.07	18.70
		12	0	17.97	17.98	17.98	18.70
		12	6	17.96	18.00	17.98	18.70
		12	13	18.01	18.02	17.94	18.70
		25	0	18.06	18.05	17.98	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.97	17.97	18.00	18.70
		1	25	18.01	18.00	17.98	18.70
		1	49	17.99	18.04	17.97	18.70
		25	0	18.04	17.95	17.98	18.70
		25	13	18.07	18.01	17.93	18.70
		25	25	17.94	18.01	17.98	18.70
		50	0	18.01	18.01	18.02	18.70
	16QAM	1	0	18.04	18.00	17.95	18.70
		1	25	17.96	17.97	17.94	18.70
		1	49	17.98	17.96	18.04	18.70
		25	0	17.97	17.99	17.91	18.70
		25	13	18.02	18.02	18.02	18.70
		25	25	18.02	18.05	18.03	18.70
		50	0	17.97	17.91	17.95	18.70
	64QAM	1	0	18.04	17.96	17.96	18.70
		1	25	18.02	17.98	17.97	18.70

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		1	49	17.99	17.99	18.05	18.70
		25	0	17.95	17.98	17.97	18.70
		25	13	17.92	18.06	17.98	18.70
		25	25	18.04	18.05	17.91	18.70
		50	0	18.00	18.02	17.98	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.01	18.04	17.96	18.70
		1	38	17.98	18.07	17.97	18.70
		1	74	18.02	18.03	17.98	18.70
		36	0	18.03	17.99	17.98	18.70
		36	18	18.07	18.01	17.96	18.70
		36	39	17.99	18.01	18.04	18.70
		75	0	18.00	17.99	18.02	18.70
	16QAM	1	0	18.06	18.05	18.00	18.70
		1	38	17.96	17.95	17.98	18.70
		1	74	17.99	17.96	18.00	18.70
		36	0	18.01	17.97	17.97	18.70
		36	18	17.96	18.04	17.96	18.70
		36	39	18.03	18.03	18.04	18.70
		75	0	17.99	17.98	18.00	18.70
	64QAM	1	0	17.97	17.98	17.95	18.70
		1	38	17.99	18.00	17.93	18.70
		1	74	17.98	18.00	18.01	18.70
		36	0	18.01	17.98	17.96	18.70
		36	18	17.96	18.07	17.98	18.70
		36	39	17.95	18.01	17.96	18.70
		75	0	18.04	17.99	17.99	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.14	18.18	18.12	18.70
		1	50	18.05	18.00	18.04	18.70
		1	99	18.05	17.99	17.94	18.70
		50	0	18.12	18.15	18.02	18.70
		50	25	18.03	18.00	17.96	18.70
		50	50	17.94	18.05	17.99	18.70
		100	0	18.00	18.08	18.05	18.70
	16QAM	1	0	18.01	18.02	17.94	18.70
		1	50	18.01	17.92	18.00	18.70
		1	99	17.91	17.98	18.08	18.70
		50	0	17.98	17.94	17.99	18.70
		50	25	17.98	17.96	18.02	18.70
		50	50	18.00	18.02	17.97	18.70

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	64QAM	100	0	18.02	17.91	18.03	18.70
		1	0	18.03	17.99	17.96	18.70
		1	50	18.01	17.95	17.99	18.70
		1	99	18.03	17.98	18.02	18.70
		50	0	17.99	18.00	18.01	18.70
		50	25	17.97	18.02	18.01	18.70
		50	50	18.02	18.02	17.94	18.70
		100	0	18.06	17.99	18.04	18.70

LTE Band 7 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.46	13.53	13.51	14.20
		1	13	13.46	13.49	13.49	14.20
		1	24	13.41	13.48	13.49	14.20
		12	0	13.55	13.46	13.43	14.20
		12	6	13.48	13.48	13.50	14.20
		12	13	13.52	13.51	13.40	14.20
		25	0	13.48	13.51	13.43	14.20
	16QAM	1	0	13.46	13.57	13.52	14.20
		1	13	13.44	13.44	13.45	14.20
		1	24	13.48	13.48	13.49	14.20
		12	0	13.47	13.46	13.46	14.20
		12	6	13.47	13.49	13.54	14.20
		12	13	13.46	13.46	13.46	14.20
		25	0	13.54	13.52	13.53	14.20
	64QAM	1	0	13.51	13.47	13.57	14.20
		1	13	13.52	13.50	13.51	14.20
		1	24	13.46	13.44	13.44	14.20
		12	0	13.55	13.52	13.53	14.20
		12	6	13.48	13.52	13.49	14.20
		12	13	13.53	13.55	13.44	14.20
		25	0	13.43	13.49	13.46	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	13.45	13.48	13.48	14.20
		1	25	13.47	13.53	13.52	14.20
		1	49	13.44	13.48	13.51	14.20
		25	0	13.51	13.50	13.43	14.20
		25	13	13.43	13.47	13.48	14.20
		25	25	13.52	13.52	13.40	14.20
		50	0	13.51	13.56	13.48	14.20
	16QAM	1	0	13.46	13.52	13.56	14.20

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		1	25	13.49	13.46	13.51	14.20
		1	49	13.52	13.44	13.53	14.20
		25	0	13.50	13.47	13.50	14.20
		25	13	13.47	13.50	13.48	14.20
		25	25	13.46	13.43	13.53	14.20
		50	0	13.54	13.54	13.47	14.20
	64QAM	1	0	13.48	13.52	13.49	14.20
		1	25	13.49	13.48	13.46	14.20
		1	49	13.52	13.44	13.45	14.20
		25	0	13.56	13.49	13.53	14.20
		25	13	13.43	13.50	13.51	14.20
		25	25	13.50	13.55	13.48	14.20
		50	0	13.47	13.43	13.50	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	13.43	13.50	13.47	14.20
		1	38	13.46	13.50	13.50	14.20
		1	74	13.43	13.49	13.45	14.20
		36	0	13.56	13.50	13.45	14.20
		36	18	13.51	13.47	13.46	14.20
		36	39	13.56	13.54	13.49	14.20
		75	0	13.48	13.52	13.47	14.20
	16QAM	1	0	13.45	13.49	13.51	14.20
		1	38	13.44	13.51	13.49	14.20
		1	74	13.54	13.50	13.47	14.20
		36	0	13.50	13.53	13.54	14.20
		36	18	13.52	13.48	13.55	14.20
		36	39	13.46	13.48	13.55	14.20
		75	0	13.56	13.49	13.47	14.20
	64QAM	1	0	13.53	13.49	13.52	14.20
		1	38	13.54	13.54	13.46	14.20
		1	74	13.50	13.50	13.49	14.20
		36	0	13.49	13.51	13.54	14.20
		36	18	13.46	13.52	13.45	14.20
		36	39	13.54	13.53	13.46	14.20
		75	0	13.48	13.44	13.44	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	13.55	13.71	13.56	14.20
		1	50	13.50	13.55	13.48	14.20
		1	99	13.48	13.46	13.46	14.20
		50	0	13.55	13.56	13.55	14.20
		50	25	13.49	13.46	13.48	14.20

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		50	50	13.53	13.50	13.40	14.20
		100	0	13.46	13.51	13.47	14.20
		1	0	13.49	13.51	13.56	14.20
	16QAM	1	50	13.44	13.45	13.45	14.20
		1	99	13.48	13.51	13.54	14.20
		50	0	13.45	13.54	13.49	14.20
		50	25	13.52	13.50	13.51	14.20
		50	50	13.52	13.45	13.55	14.20
		100	0	13.48	13.50	13.51	14.20
		1	0	13.54	13.49	13.53	14.20
	64QAM	1	50	13.49	13.49	13.45	14.20
		1	99	13.45	13.46	13.49	14.20
		50	0	13.49	13.46	13.55	14.20
		50	25	13.49	13.49	13.49	14.20
		50	50	13.49	13.47	13.49	14.20
		100	0	13.43	13.46	13.45	14.20

LTE Band 12 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.41	23.33	23.43	24.50
		1	2	23.38	23.38	23.40	24.50
		1	5	23.32	23.29	23.35	24.50
		3	0	23.42	23.35	23.31	24.50
		3	2	23.51	23.40	23.37	24.50
		3	3	23.34	23.37	23.39	24.50
		6	0	22.28	22.40	22.37	23.50
	16QAM	1	0	22.35	22.41	22.44	23.50
		1	2	22.50	22.46	22.35	23.50
		1	5	22.34	22.43	22.38	23.50
		3	0	22.37	22.39	22.43	23.50
		3	2	22.52	22.42	22.39	23.50
		3	3	22.37	22.49	22.38	23.50
		6	0	21.38	21.45	21.42	22.50
	64QAM	1	0	21.30	21.43	21.28	22.50
		1	2	21.36	21.43	21.41	22.50
		1	5	21.42	21.34	21.42	22.50
		3	0	21.32	21.43	21.42	22.50
		3	2	21.42	21.44	21.41	22.50
		3	3	21.33	21.40	21.34	22.50
		6	0	20.38	20.33	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	

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3MHz	QPSK	1	0	23.45	23.39	23.51	24.50
		1	7	23.53	23.52	23.45	24.50
		1	14	23.42	23.47	23.53	24.50
		8	0	22.48	22.49	22.53	23.50
		8	4	22.55	22.55	22.48	23.50
		8	7	22.48	22.52	22.47	23.50
		15	0	22.45	22.56	22.49	23.50
	16QAM	1	0	22.45	22.43	22.48	23.50
		1	7	22.51	22.46	22.54	23.50
		1	14	22.49	22.52	22.44	23.50
		8	0	21.51	21.47	21.47	22.50
		8	4	21.48	21.46	21.55	22.50
		8	7	21.44	21.44	21.50	22.50
		15	0	21.55	21.48	21.53	22.50
	64QAM	1	0	21.41	21.52	21.45	22.50
		1	7	21.50	21.45	21.50	22.50
		1	14	21.48	21.48	21.49	22.50
		8	0	20.52	20.50	20.44	21.50
		8	4	20.51	20.47	20.54	21.50
		8	7	20.58	20.51	20.45	21.50
		15	0	20.46	20.43	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.45	23.39	23.56	24.50
		1	13	23.49	23.53	23.46	24.50
		1	24	23.50	23.42	23.45	24.50
		12	0	22.43	22.45	22.53	23.50
		12	6	22.49	22.54	22.47	23.50
		12	13	22.53	22.48	22.57	23.50
		25	0	22.40	22.53	22.48	23.50
	16QAM	1	0	22.53	22.52	22.54	23.50
		1	13	22.56	22.51	22.53	23.50
		1	24	22.44	22.46	22.46	23.50
		12	0	21.48	21.46	21.40	22.50
		12	6	21.45	21.47	21.53	22.50
		12	13	21.40	21.51	21.50	22.50
		25	0	21.55	21.54	21.50	22.50
	64QAM	1	0	21.44	21.55	21.51	22.50
		1	13	21.46	21.49	21.48	22.50
		1	24	21.42	21.46	21.48	22.50
		12	0	20.45	20.46	20.49	21.50
		12	6	20.46	20.59	20.49	21.50
		12	13	20.48	20.45	20.47	21.50

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Bandwidth	Modulation	25	0	20.43	20.43	20.47	21.50
		RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.54	23.70	23.57	24.50
		1	25	23.52	23.49	23.43	24.50
		1	49	23.44	23.46	23.49	24.50
		25	0	22.63	22.68	22.65	23.50
		25	13	22.59	22.49	22.42	23.50
		25	25	22.52	22.44	22.57	23.50
		50	0	22.48	22.57	22.53	23.50
	16QAM	1	0	22.42	22.50	22.53	23.50
		1	25	22.56	22.46	22.46	23.50
		1	49	22.46	22.44	22.46	23.50
		25	0	21.58	21.47	21.46	22.50
		25	13	21.47	21.47	21.55	22.50
		25	25	21.42	21.50	21.57	22.50
		50	0	21.54	21.54	21.55	22.50
	64QAM	1	0	21.42	21.52	21.39	22.50
		1	25	21.50	21.48	21.55	22.50
		1	49	21.49	21.46	21.41	22.50
		25	0	20.43	20.48	20.44	21.50
		25	13	20.51	20.50	20.58	21.50
		25	25	20.50	20.47	20.46	21.50
		50	0	20.49	20.44	20.49	21.50

LTE Band 13 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.35	23.22	23.42	24.50
		1	13	23.45	23.32	23.35	24.50
		1	24	23.29	23.32	23.40	24.50
		12	0	22.42	22.40	22.47	23.50
		12	6	22.48	22.40	22.24	23.50
		12	13	22.39	22.35	22.48	23.50
		25	0	22.30	22.34	22.42	23.50
	16QAM	1	0	22.31	22.45	22.40	23.50
		1	13	22.41	22.33	22.35	23.50
		1	24	22.36	22.28	22.36	23.50
		12	0	21.53	21.41	21.37	22.50
		12	6	21.40	21.34	21.41	22.50
		12	13	21.34	21.38	21.51	22.50
		25	0	21.40	21.48	21.47	22.50
	64QAM	1	0	21.35	21.35	21.30	22.50

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		1	13	21.43	21.31	21.38	22.50
		1	24	21.38	21.38	21.34	22.50
		12	0	20.25	20.35	20.36	21.50
		12	6	20.37	20.33	20.53	21.50
		12	13	20.37	20.32	20.33	21.50
		25	0	20.38	20.28	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
		1	0	/	23.54	/	24.50
		1	25	/	23.44	/	24.50
		1	49	/	23.45	/	24.50
		25	0	/	22.58	/	23.50
		25	13	/	22.55	/	23.50
		25	25	/	22.52	/	23.50
		50	0	/	22.46	/	23.50
		1	0	/	22.41	/	23.50
		1	25	/	22.45	/	23.50
		1	49	/	22.42	/	23.50
		25	0	/	21.49	/	22.50
		25	13	/	21.44	/	22.50
		25	25	/	21.51	/	22.50
		50	0	/	21.47	/	22.50
		1	0	/	21.52	/	22.50
		1	25	/	21.47	/	22.50
		1	49	/	21.53	/	22.50
		25	0	/	20.49	/	21.50
		25	13	/	20.55	/	21.50
		25	25	/	20.45	/	21.50
		50	0	/	20.46	/	21.50

LTE Band 17				Conducted Power(dBm)			
State0 State3 State5 State8							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
		1	0	23.49	23.48	23.49	24.50
		1	13	23.46	23.47	23.52	24.50
		1	24	23.40	23.53	23.49	24.50
		12	0	22.50	22.52	22.51	23.50
		12	6	22.53	22.53	22.52	23.50
		12	13	22.45	22.52	22.57	23.50
		25	0	22.46	22.49	22.44	23.50
		1	0	22.44	22.46	22.53	23.50
		1	13	22.57	22.49	22.55	23.50

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		1	24	22.48	22.54	22.49	23.50
		12	0	21.47	21.49	21.46	22.50
		12	6	21.45	21.44	21.46	22.50
		12	13	21.42	21.43	21.51	22.50
		25	0	21.57	21.48	21.53	22.50
	64QAM	1	0	21.41	21.59	21.49	22.50
		1	13	21.43	21.39	21.50	22.50
		1	24	21.47	21.54	21.45	22.50
		12	0	20.41	20.47	20.48	21.50
		12	6	20.49	20.56	20.51	21.50
		12	13	20.52	20.38	20.48	21.50
		25	0	20.51	20.47	20.51	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.52	23.66	23.55	24.50
		1	25	23.48	23.49	23.48	24.50
		1	49	23.50	23.42	23.48	24.50
		25	0	22.54	22.57	22.52	23.50
		25	13	22.52	22.42	22.51	23.50
		25	25	22.51	22.49	22.51	23.50
		50	0	22.40	22.53	22.51	23.50
	16QAM	1	0	22.47	22.45	22.52	23.50
		1	25	22.48	22.43	22.47	23.50
		1	49	22.46	22.43	22.42	23.50
		25	0	21.57	21.47	21.46	22.50
		25	13	21.48	21.51	21.47	22.50
		25	25	21.47	21.54	21.58	22.50
		50	0	21.50	21.44	21.47	22.50
	64QAM	1	0	21.43	21.48	21.40	22.50
		1	25	21.47	21.46	21.53	22.50
		1	49	21.44	21.54	21.45	22.50
		25	0	20.52	20.50	20.49	21.50
		25	13	20.53	20.49	20.53	21.50
		25	25	20.52	20.44	20.42	21.50
		50	0	20.44	20.44	20.52	21.50

LTE Band 26				Conducted Power(dBm)			
State0 State3 State5 State8							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.21	23.09	23.06	24.00
		1	2	23.18	23.17	23.15	24.00
		1	5	23.11	23.12	23.05	24.00
		3	0	23.25	23.11	23.07	24.00

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		3	2	23.23	23.18	23.15	24.00
		3	3	23.10	23.03	23.09	24.00
		6	0	22.01	22.09	22.17	23.00
	16QAM	1	0	22.08	22.16	22.17	23.00
		1	2	22.22	22.21	22.10	23.00
		1	5	22.14	22.14	22.07	23.00
		3	0	22.10	22.10	22.13	23.00
		3	2	22.26	22.14	22.16	23.00
		3	3	22.11	22.20	22.09	23.00
		6	0	21.18	21.14	21.11	22.00
	64QAM	1	0	21.12	21.18	21.05	22.00
		1	2	21.06	21.19	21.09	22.00
		1	5	21.18	21.09	21.16	22.00
		3	0	21.04	21.09	21.08	22.00
		3	2	21.07	21.08	21.07	22.00
		3	3	21.04	21.12	21.17	22.00
		6	0	20.14	20.07	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.21	23.18	23.24	24.00
		1	7	23.28	23.23	23.23	24.00
		1	14	23.11	23.23	23.18	24.00
		8	0	22.21	22.13	22.16	23.00
		8	4	22.25	22.24	22.12	23.00
		8	7	22.26	22.25	22.24	23.00
		15	0	22.15	22.21	22.13	23.00
	16QAM	1	0	22.18	22.19	22.24	23.00
		1	7	22.24	22.14	22.20	23.00
		1	14	22.22	22.15	22.21	23.00
		8	0	21.27	21.20	21.14	22.00
		8	4	21.19	21.15	21.17	22.00
		8	7	21.12	21.20	21.25	22.00
		15	0	21.23	21.23	21.17	22.00
	64QAM	1	0	21.23	21.17	21.12	22.00
		1	7	21.19	21.15	21.15	22.00
		1	14	21.16	21.19	21.11	22.00
		8	0	20.13	20.20	20.13	21.00
		8	4	20.15	20.21	20.24	21.00
		8	7	20.29	20.18	20.11	21.00
		15	0	20.18	20.18	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.23	23.15	23.20	24.00

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		1	13	23.27	23.23	23.21	24.00
		1	24	23.13	23.13	23.22	24.00
		12	0	22.14	22.21	22.24	23.00
		12	6	22.24	22.18	22.14	23.00
		12	13	22.21	22.15	22.24	23.00
		25	0	22.12	22.21	22.19	23.00
	16QAM	1	0	22.22	22.10	22.16	23.00
		1	13	22.28	22.23	22.16	23.00
		1	24	22.17	22.15	22.10	23.00
		12	0	21.16	21.12	21.10	22.00
		12	6	21.19	21.24	21.21	22.00
		12	13	21.16	21.25	21.22	22.00
	64QAM	25	0	21.26	21.22	21.18	22.00
		1	0	21.13	21.20	21.15	22.00
		1	13	21.20	21.21	21.20	22.00
		1	24	21.12	21.22	21.11	22.00
		12	0	20.14	20.26	20.11	21.00
		12	6	20.20	20.29	20.27	21.00
		12	13	20.25	20.18	20.12	21.00
		25	0	20.22	20.21	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.21	23.21	23.19	24.00
		1	25	23.23	23.13	23.12	24.00
		1	49	23.20	23.21	23.24	24.00
		25	0	22.22	22.21	22.21	23.00
		25	13	22.20	22.17	22.21	23.00
		25	25	22.24	22.20	22.25	23.00
	16QAM	50	0	22.11	22.22	22.21	23.00
		1	0	22.19	22.11	22.23	23.00
		1	25	22.24	22.14	22.15	23.00
		1	49	22.19	22.18	22.21	23.00
		25	0	21.27	21.24	21.18	22.00
		25	13	21.19	21.14	21.22	22.00
	64QAM	25	25	21.14	21.23	21.26	22.00
		50	0	21.21	21.16	21.19	22.00
		1	0	21.12	21.18	21.18	22.00
		1	25	21.23	21.20	21.24	22.00
		1	49	21.14	21.21	21.12	22.00
		25	0	20.23	20.18	20.15	21.00
		25	13	20.12	20.22	20.24	21.00
		25	25	20.29	20.08	20.13	21.00
		50	0	20.18	20.20	20.19	21.00

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.26	23.38	23.28	24.00
		1	38	23.23	23.26	23.23	24.00
		1	74	23.09	23.18	23.14	24.00
		36	0	22.26	22.33	22.26	23.00
		36	18	22.25	22.13	22.15	23.00
		36	39	22.20	22.23	22.27	23.00
		75	0	22.14	22.26	22.19	23.00
	16QAM	1	0	22.15	22.17	22.14	23.00
		1	38	22.21	22.22	22.24	23.00
		1	74	22.11	22.18	22.11	23.00
		36	0	21.22	21.16	21.22	22.00
		36	18	21.27	21.22	21.18	22.00
		36	39	21.09	21.19	21.22	22.00
		75	0	21.30	21.12	21.15	22.00
	64QAM	1	0	21.19	21.25	21.21	22.00
		1	38	21.18	21.10	21.15	22.00
		1	74	21.17	21.14	21.13	22.00
		36	0	20.18	20.14	20.10	21.00
		36	18	20.11	20.23	20.17	21.00
		36	39	20.21	20.21	20.11	21.00
		75	0	20.11	20.23	20.15	21.00

LTE Band 38 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.97	22.92	23.01	24.00
		1	13	23.06	22.98	22.92	24.00
		1	24	22.99	22.91	23.01	24.00
		12	0	22.05	22.00	22.03	23.00
		12	6	22.03	21.94	21.94	23.00
		12	13	22.00	21.97	22.00	23.00
		25	0	21.95	22.01	21.94	23.00
	16QAM	1	0	21.98	21.98	22.04	23.00
		1	13	21.98	21.99	21.96	23.00
		1	24	21.97	22.02	21.93	23.00
		12	0	21.07	21.03	20.90	22.00
		12	6	20.97	20.92	21.07	22.00
		12	13	20.97	21.01	21.06	22.00
		25	0	21.05	21.04	21.05	22.00
	64QAM	1	0	20.94	20.96	20.89	22.00

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		1	13	20.94	20.92	20.99	22.00
		1	24	20.96	20.93	20.98	22.00
		12	0	19.93	19.95	20.01	21.00
		12	6	19.92	20.03	20.02	21.00
		12	13	20.09	19.91	19.89	21.00
		25	0	19.90	20.00	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.96	22.89	22.98	24.00
		1	25	23.00	22.93	22.99	24.00
		1	49	22.93	22.94	22.98	24.00
		25	0	22.02	21.96	22.01	23.00
		25	13	22.10	22.02	21.97	23.00
		25	25	22.06	21.97	22.01	23.00
		50	0	22.00	21.98	21.98	23.00
	16QAM	1	0	21.95	21.93	22.04	23.00
		1	25	21.99	22.01	22.05	23.00
		1	49	21.92	22.03	21.94	23.00
		25	0	21.03	21.01	20.96	22.00
		25	13	21.05	20.98	21.07	22.00
		25	25	20.88	20.93	21.07	22.00
		50	0	21.05	21.03	20.95	22.00
	64QAM	1	0	20.96	21.00	20.97	22.00
		1	25	20.98	20.91	21.02	22.00
		1	49	21.00	20.99	20.99	22.00
		25	0	19.95	20.00	19.95	21.00
		25	13	20.04	19.98	20.04	21.00
		25	25	20.07	19.91	19.97	21.00
		50	0	20.00	20.03	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.05	22.91	23.06	24.00
		1	38	23.04	23.04	23.02	24.00
		1	74	22.96	22.96	22.95	24.00
		36	0	21.96	22.00	21.98	23.00
		36	18	22.07	21.97	21.94	23.00
		36	39	22.04	22.02	22.04	23.00
		75	0	21.89	22.05	21.96	23.00
	16QAM	1	0	22.02	21.89	22.05	23.00
		1	38	22.07	21.94	22.02	23.00
		1	74	21.95	22.00	21.94	23.00
		36	0	21.07	21.04	20.91	22.00
		36	18	20.97	20.97	21.07	22.00

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		36	39	20.98	20.93	21.01	22.00
		75	0	21.08	20.92	21.04	22.00
	64QAM	1	0	21.00	21.00	20.95	22.00
		1	38	20.95	20.91	21.07	22.00
		1	74	20.92	21.02	20.94	22.00
		36	0	19.92	20.02	20.01	21.00
		36	18	19.94	20.04	20.00	21.00
		36	39	19.97	19.93	19.89	21.00
		75	0	19.96	19.94	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.00	23.06	23.01	24.00
		1	50	23.04	23.02	23.03	24.00
		1	99	22.98	22.94	22.94	24.00
		50	0	21.94	21.97	22.05	23.00
		50	25	22.03	21.96	21.97	23.00
		50	50	22.02	21.99	22.05	23.00
		100	0	21.94	21.96	22.02	23.00
	16QAM	1	0	22.00	21.99	21.94	23.00
		1	50	22.03	21.94	22.05	23.00
		1	99	21.98	21.96	21.91	23.00
		50	0	21.02	20.97	20.93	22.00
		50	25	20.98	20.94	21.08	22.00
		50	50	20.91	21.05	21.00	22.00
		100	0	21.08	20.95	21.00	22.00
	64QAM	1	0	20.97	21.08	20.91	22.00
		1	50	20.98	20.97	21.04	22.00
		1	99	20.97	21.01	20.95	22.00
		50	0	20.00	19.97	19.93	21.00
		50	25	19.93	20.02	20.00	21.00
		50	50	20.02	19.89	20.00	21.00
		100	0	19.99	19.98	19.95	21.00

LTE Band 38 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.45	19.43	19.52	20.50
		1	13	19.54	19.51	19.48	20.50
		1	24	19.45	19.58	19.54	20.50
		12	0	19.52	19.47	19.51	20.50
		12	6	19.50	19.45	19.49	20.50
		12	13	19.57	19.50	19.45	20.50
		25	0	19.52	19.47	19.46	20.50

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	16QAM	1	0	19.42	19.49	19.49	20.50
		1	13	19.41	19.46	19.46	20.50
		1	24	19.48	19.47	19.46	20.50
		12	0	19.48	19.53	19.48	20.50
		12	6	19.49	19.57	19.51	20.50
		12	13	19.52	19.52	19.44	20.50
		25	0	19.46	19.45	19.46	20.50
	64QAM	1	0	19.49	19.55	19.50	20.50
		1	13	19.48	19.45	19.52	20.50
		1	24	19.52	19.50	19.50	20.50
		12	0	19.50	19.47	19.48	20.50
		12	6	19.55	19.49	19.52	20.50
		12	13	19.52	19.52	19.55	20.50
		25	0	19.46	19.43	19.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.47	19.41	19.56	20.50
		1	25	19.51	19.52	19.49	20.50
		1	49	19.48	19.52	19.48	20.50
		25	0	19.48	19.46	19.50	20.50
		25	13	19.49	19.47	19.43	20.50
		25	25	19.55	19.54	19.51	20.50
		50	0	19.48	19.43	19.47	20.50
	16QAM	1	0	19.49	19.44	19.46	20.50
		1	25	19.42	19.44	19.48	20.50
		1	49	19.57	19.46	19.55	20.50
		25	0	19.51	19.50	19.44	20.50
		25	13	19.51	19.56	19.49	20.50
		25	25	19.54	19.50	19.42	20.50
		50	0	19.46	19.40	19.45	20.50
	64QAM	1	0	19.51	19.55	19.49	20.50
		1	25	19.46	19.46	19.55	20.50
		1	49	19.50	19.52	19.54	20.50
		25	0	19.43	19.50	19.49	20.50
		25	13	19.52	19.55	19.52	20.50
		25	25	19.50	19.51	19.51	20.50
		50	0	19.49	19.41	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.47	19.42	19.52	20.50
		1	38	19.55	19.47	19.49	20.50
		1	74	19.50	19.58	19.49	20.50
		36	0	19.55	19.46	19.54	20.50

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		36	18	19.51	19.51	19.48	20.50
		36	39	19.53	19.48	19.48	20.50
		75	0	19.53	19.48	19.45	20.50
	16QAM	1	0	19.48	19.50	19.46	20.50
		1	38	19.45	19.45	19.46	20.50
		1	74	19.57	19.50	19.50	20.50
		36	0	19.46	19.54	19.51	20.50
		36	18	19.54	19.52	19.50	20.50
		36	39	19.46	19.48	19.45	20.50
		75	0	19.47	19.45	19.50	20.50
	64QAM	1	0	19.47	19.55	19.49	20.50
		1	38	19.50	19.44	19.50	20.50
		1	74	19.55	19.49	19.54	20.50
		36	0	19.51	19.56	19.52	20.50
		36	18	19.53	19.56	19.53	20.50
		36	39	19.56	19.45	19.52	20.50
		75	0	19.45	19.47	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.59	19.65	19.56	20.50
		1	50	19.49	19.47	19.52	20.50
		1	99	19.47	19.58	19.54	20.50
		50	0	19.54	19.62	19.56	20.50
		50	25	19.50	19.49	19.50	20.50
		50	50	19.51	19.55	19.53	20.50
		100	0	19.50	19.58	19.50	20.50
	16QAM	1	0	19.49	19.45	19.50	20.50
		1	50	19.45	19.50	19.51	20.50
		1	99	19.51	19.45	19.53	20.50
		50	0	19.52	19.52	19.48	20.50
		50	25	19.52	19.54	19.48	20.50
		50	50	19.47	19.53	19.43	20.50
		100	0	19.44	19.42	19.47	20.50
	64QAM	1	0	19.48	19.55	19.51	20.50
		1	50	19.48	19.46	19.48	20.50
		1	99	19.57	19.50	19.53	20.50
		50	0	19.49	19.47	19.46	20.50
		50	25	19.52	19.51	19.51	20.50
		50	50	19.48	19.51	19.52	20.50
		100	0	19.45	19.46	19.56	20.50

LTE Band 38 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				37775	38000	38225	
5MHz	QPSK	1	0	15.51	15.44	15.44	16.50
		1	13	15.47	15.47	15.46	16.50
		1	24	15.47	15.47	15.46	16.50
		12	0	15.49	15.47	15.53	16.50
		12	6	15.45	15.51	15.53	16.50
		12	13	15.51	15.53	15.46	16.50
		25	0	15.52	15.50	15.52	16.50
	16QAM	1	0	15.47	15.46	15.52	16.50
		1	13	15.49	15.45	15.49	16.50
		1	24	15.50	15.52	15.49	16.50
		12	0	15.50	15.48	15.51	16.50
		12	6	15.46	15.44	15.51	16.50
		12	13	15.48	15.54	15.41	16.50
		25	0	15.47	15.47	15.56	16.50
	64QAM	1	0	15.49	15.54	15.53	16.50
		1	13	15.52	15.54	15.43	16.50
		1	24	15.46	15.47	15.43	16.50
		12	0	15.47	15.45	15.45	16.50
		12	6	15.52	15.47	15.48	16.50
		12	13	15.47	15.51	15.51	16.50
		25	0	15.48	15.50	15.46	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	15.44	15.47	15.50	16.50
		1	25	15.51	15.50	15.43	16.50
		1	49	15.45	15.47	15.54	16.50
		25	0	15.51	15.44	15.53	16.50
		25	13	15.48	15.48	15.55	16.50
		25	25	15.49	15.51	15.49	16.50
		50	0	15.52	15.48	15.48	16.50
	16QAM	1	0	15.47	15.44	15.49	16.50
		1	25	15.45	15.43	15.53	16.50
		1	49	15.51	15.52	15.43	16.50
		25	0	15.52	15.44	15.55	16.50
		25	13	15.52	15.42	15.44	16.50
		25	25	15.48	15.57	15.45	16.50
		50	0	15.50	15.48	15.51	16.50
	64QAM	1	0	15.50	15.51	15.53	16.50
		1	25	15.51	15.49	15.52	16.50
		1	49	15.46	15.42	15.50	16.50
		25	0	15.50	15.47	15.49	16.50
		25	13	15.53	15.48	15.45	16.50

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		25	25	15.46	15.50	15.52	16.50
		50	0	15.48	15.57	15.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	15.47	15.44	15.42	16.50
		1	38	15.50	15.48	15.46	16.50
		1	74	15.47	15.51	15.49	16.50
		36	0	15.50	15.52	15.54	16.50
		36	18	15.48	15.51	15.54	16.50
		36	39	15.49	15.54	15.50	16.50
		75	0	15.53	15.53	15.46	16.50
	16QAM	1	0	15.47	15.50	15.56	16.50
		1	38	15.42	15.51	15.49	16.50
		1	74	15.43	15.49	15.51	16.50
		36	0	15.56	15.49	15.51	16.50
		36	18	15.46	15.49	15.49	16.50
		36	39	15.46	15.51	15.43	16.50
		75	0	15.47	15.52	15.51	16.50
	64QAM	1	0	15.49	15.58	15.55	16.50
		1	38	15.51	15.53	15.47	16.50
		1	74	15.47	15.45	15.42	16.50
		36	0	15.48	15.50	15.44	16.50
		36	18	15.50	15.47	15.47	16.50
		36	39	15.44	15.47	15.52	16.50
		75	0	15.50	15.54	15.44	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	15.69	15.74	15.56	16.50
		1	50	15.52	15.45	15.49	16.50
		1	99	15.44	15.52	15.51	16.50
		50	0	15.54	15.59	15.56	16.50
		50	25	15.44	15.47	15.54	16.50
		50	50	15.45	15.46	15.44	16.50
		100	0	15.53	15.56	15.48	16.50
	16QAM	1	0	15.42	15.44	15.54	16.50
		1	50	15.41	15.44	15.49	16.50
		1	99	15.47	15.52	15.51	16.50
		50	0	15.55	15.50	15.57	16.50
		50	25	15.49	15.47	15.45	16.50
		50	50	15.54	15.53	15.47	16.50
		100	0	15.48	15.54	15.51	16.50
	64QAM	1	0	15.54	15.58	15.56	16.50
		1	50	15.52	15.49	15.51	16.50

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		1	99	15.44	15.47	15.43	16.50
		50	0	15.45	15.42	15.42	16.50
		50	25	15.49	15.54	15.53	16.50
		50	50	15.51	15.53	15.50	16.50
		100	0	15.54	15.51	15.50	16.50

LTE Band 41 State0				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.87	23.46	22.85	22.45	22.39	24.00
		1	13	23.78	23.48	22.93	22.60	22.52	24.00
		1	24	23.86	23.47	22.95	22.62	22.49	24.00
		12	0	22.97	22.53	21.96	21.61	21.50	23.00
		12	6	22.92	22.70	21.95	21.63	21.55	23.00
		12	13	23.00	22.53	22.00	21.57	21.38	23.00
		25	0	22.89	22.66	22.00	21.57	21.58	23.00
	16QAM	1	0	22.96	22.45	21.84	21.58	21.41	23.00
		1	13	22.88	22.66	21.90	21.62	21.52	23.00
		1	24	22.78	22.50	21.95	21.61	21.49	23.00
		12	0	21.94	21.49	20.98	20.63	20.46	22.00
		12	6	21.89	21.62	21.04	20.58	20.47	22.00
		12	13	21.90	21.49	20.94	20.49	20.48	22.00
		25	0	22.00	21.56	21.03	20.61	20.36	22.00
	64QAM	1	0	21.84	21.53	20.98	20.64	20.58	22.00
		1	13	21.89	21.54	20.90	20.52	20.39	22.00
		1	24	21.89	21.42	20.89	20.64	20.49	22.00
		12	0	20.84	20.50	20.05	19.59	19.53	21.00
		12	6	20.87	20.61	20.04	19.65	19.60	21.00
		12	13	20.94	20.43	19.88	19.59	19.45	21.00
		25	0	20.92	20.46	19.89	19.49	19.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.85	23.51	22.80	22.43	22.33	24.00
		1	25	23.79	23.48	23.04	22.57	22.45	24.00
		1	49	23.85	23.56	23.03	22.60	22.50	24.00
		25	0	22.99	22.55	21.95	21.67	21.55	23.00
		25	13	22.96	22.62	21.90	21.55	21.51	23.00
		25	25	22.98	22.50	21.99	21.58	21.47	23.00
		50	0	22.98	22.61	21.97	21.61	21.59	23.00
	16QAM	1	0	22.95	22.46	21.85	21.51	21.43	23.00
		1	25	22.87	22.57	21.88	21.62	21.50	23.00
		1	49	22.93	22.52	21.92	21.62	21.47	23.00
		25	0	21.87	21.53	20.96	20.61	20.36	22.00

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		25	13	21.99	21.70	21.05	20.56	20.51	22.00
		25	25	21.97	21.53	21.03	20.60	20.49	22.00
		50	0	21.98	21.58	21.00	20.61	20.46	22.00
	64QAM	1	0	21.95	21.60	21.00	20.70	20.57	22.00
		1	25	21.89	21.48	20.79	20.51	20.47	22.00
		1	49	21.87	21.51	20.91	20.59	20.53	22.00
		25	0	20.91	20.46	19.98	19.59	19.49	21.00
		25	13	20.89	20.60	19.97	19.63	19.56	21.00
		25	25	20.90	20.44	19.87	19.58	19.49	21.00
		50	0	20.86	20.48	19.94	19.49	19.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.74	23.54	22.90	22.43	22.36	24.00
		1	38	23.67	23.53	22.92	22.61	22.43	24.00
		1	74	23.73	23.47	22.93	22.55	22.49	24.00
		36	0	22.79	22.55	21.95	21.69	21.56	23.00
		36	18	22.80	22.69	21.93	21.61	21.59	23.00
		36	39	22.80	22.47	22.00	21.59	21.37	23.00
		75	0	22.70	22.57	21.91	21.57	21.52	23.00
	16QAM	1	0	22.70	22.49	21.95	21.57	21.44	23.00
		1	38	22.75	22.66	21.92	21.62	21.50	23.00
		1	74	22.72	22.46	21.90	21.61	21.46	23.00
		36	0	21.74	21.50	20.96	20.62	20.43	22.00
		36	18	21.58	21.63	21.02	20.55	20.46	22.00
		36	39	21.70	21.45	21.02	20.53	20.43	22.00
		75	0	21.58	21.48	21.00	20.59	20.41	22.00
	64QAM	1	0	21.64	21.52	21.05	20.71	20.61	22.00
		1	38	21.71	21.47	20.83	20.59	20.44	22.00
		1	74	21.67	21.43	20.88	20.58	20.45	22.00
		36	0	20.74	20.50	20.03	19.57	19.54	21.00
		36	18	20.69	20.62	20.02	19.64	19.53	21.00
		36	39	20.77	20.46	19.88	19.54	19.46	21.00
		75	0	20.70	20.49	19.86	19.46	19.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.92	23.50	22.85	22.42	22.36	24.00
		1	50	23.90	23.55	23.00	22.63	22.48	24.00
		1	99	23.72	23.53	23.00	22.50	22.49	24.00
		50	0	22.80	22.53	22.00	21.62	21.55	23.00
		50	25	22.77	22.68	21.95	21.58	21.49	23.00
		50	50	22.84	22.52	22.03	21.52	21.37	23.00
		100	0	22.77	22.62	21.98	21.66	21.50	23.00
	16QAM	1	0	22.74	22.51	21.91	21.62	21.34	23.00

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		1	50	22.74	22.62	21.96	21.61	21.54	23.00
		1	99	22.79	22.49	21.90	21.58	21.47	23.00
		50	0	21.81	21.55	20.96	20.65	20.41	22.00
		50	25	21.81	21.67	21.03	20.52	20.47	22.00
		50	50	21.75	21.49	21.02	20.48	20.50	22.00
		100	0	21.79	21.54	21.00	20.57	20.37	22.00
	64QAM	1	0	21.82	21.60	21.03	20.69	20.50	22.00
		1	50	21.66	21.50	20.87	20.59	20.39	22.00
		1	99	21.66	21.49	20.94	20.58	20.49	22.00
		50	0	20.70	20.49	20.05	19.50	19.43	21.00
		50	25	20.89	20.60	20.00	19.63	19.60	21.00
		50	50	20.73	20.51	19.85	19.61	19.41	21.00
		100	0	20.72	20.53	19.91	19.50	19.53	21.00

LTE Band 41 State3 State8				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.12	19.92	19.47	19.17	19.08	20.50
		1	13	20.09	19.86	19.49	19.12	19.07	20.50
		1	24	20.12	19.90	19.47	19.16	19.04	20.50
		12	0	20.19	19.94	19.60	19.26	19.10	20.50
		12	6	20.15	19.98	19.57	19.27	19.13	20.50
		12	13	20.13	19.87	19.51	19.17	19.04	20.50
		25	0	20.11	19.90	19.55	19.25	19.09	20.50
	16QAM	1	0	20.14	19.94	19.55	19.19	19.05	20.50
		1	13	20.12	19.95	19.58	19.21	19.07	20.50
		1	24	20.05	19.87	19.52	19.19	19.04	20.50
		12	0	20.11	19.88	19.47	19.17	19.06	20.50
		12	6	20.15	19.92	19.50	19.20	19.11	20.50
		12	13	20.18	19.93	19.52	19.20	19.11	20.50
		25	0	20.13	19.94	19.51	19.19	19.04	20.50
	64QAM	1	0	20.08	19.83	19.51	19.20	19.01	20.50
		1	13	20.09	19.92	19.54	19.24	19.06	20.50
		1	24	20.09	19.89	19.53	19.20	19.12	20.50
		12	0	20.08	19.93	19.51	19.15	19.10	20.50
		12	6	20.13	19.87	19.52	19.22	19.05	20.50
		12	13	20.07	19.88	19.53	19.15	19.04	20.50
		25	0	20.16	19.94	19.55	19.18	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.15	19.91	19.47	19.21	19.13	20.50
		1	25	20.11	19.90	19.54	19.09	19.06	20.50
		1	49	20.11	19.87	19.48	19.13	19.05	20.50
		1	49	20.11	19.87	19.48	19.13	19.05	20.50

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		25	0	20.19	19.93	19.63	19.28	19.10	20.50
		25	13	20.11	20.00	19.53	19.28	19.10	20.50
		25	25	20.11	19.89	19.49	19.14	19.03	20.50
		50	0	20.12	19.91	19.59	19.23	19.06	20.50
	16QAM	1	0	20.18	19.92	19.56	19.22	19.02	20.50
		1	25	20.10	19.98	19.60	19.21	19.04	20.50
		1	49	20.03	19.90	19.55	19.17	19.07	20.50
		25	0	20.13	19.89	19.50	19.14	19.05	20.50
		25	13	20.14	19.95	19.47	19.17	19.14	20.50
		25	25	20.17	19.97	19.53	19.17	19.09	20.50
		50	0	20.10	19.94	19.47	19.19	19.03	20.50
		50	0	20.10	19.94	19.47	19.19	19.03	20.50
	64QAM	1	0	20.13	19.83	19.53	19.18	19.03	20.50
		1	25	20.07	19.90	19.58	19.22	19.03	20.50
		1	49	20.11	19.89	19.57	19.16	19.09	20.50
		25	0	20.05	19.93	19.48	19.17	19.11	20.50
		25	13	20.16	19.90	19.55	19.24	19.07	20.50
		25	25	20.07	19.85	19.55	19.13	19.05	20.50
		50	0	20.14	19.98	19.57	19.18	19.13	20.50
		50	0	20.14	19.98	19.57	19.18	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.12	19.88	19.44	19.14	19.11	20.50
		1	38	20.08	19.90	19.47	19.14	19.08	20.50
		1	74	20.13	19.94	19.49	19.18	19.09	20.50
		36	0	20.16	19.94	19.61	19.25	19.14	20.50
		36	18	20.18	19.99	19.58	19.25	19.14	20.50
		36	39	20.18	19.88	19.49	19.18	19.04	20.50
		75	0	20.13	19.90	19.60	19.22	19.13	20.50
	16QAM	1	0	20.18	19.97	19.52	19.17	19.07	20.50
		1	38	20.16	19.91	19.55	19.23	19.05	20.50
		1	74	20.06	19.87	19.50	19.24	19.03	20.50
		36	0	20.08	19.84	19.46	19.22	19.10	20.50
		36	18	20.11	19.94	19.53	19.21	19.08	20.50
		36	39	20.22	19.91	19.54	19.23	19.08	20.50
		75	0	20.16	19.97	19.56	19.21	19.08	20.50
	64QAM	1	0	20.06	19.84	19.54	19.20	18.99	20.50
		1	38	20.06	19.94	19.57	19.25	19.04	20.50
		1	74	20.06	19.90	19.51	19.23	19.17	20.50
		36	0	20.08	19.95	19.48	19.17	19.13	20.50
		36	18	20.10	19.89	19.51	19.26	19.03	20.50
		36	39	20.06	19.92	19.51	19.13	19.03	20.50
		75	0	20.19	19.95	19.55	19.23	19.11	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	

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20MHz	QPSK	1	0	20.30	19.99	19.70	19.30	19.18	20.50
		1	50	20.13	19.90	19.52	19.08	19.11	20.50
		1	99	20.16	19.88	19.49	19.17	19.01	20.50
		50	0	20.22	20.06	19.66	19.33	19.13	20.50
		50	25	20.17	20.03	19.55	19.28	19.09	20.50
		50	50	20.16	19.86	19.51	19.16	19.08	20.50
		100	0	20.10	19.88	19.52	19.26	19.14	20.50
	16QAM	1	0	20.11	19.96	19.55	19.16	19.05	20.50
		1	50	20.15	19.94	19.58	19.21	19.05	20.50
		1	99	20.09	19.88	19.49	19.23	19.08	20.50
		50	0	20.13	19.92	19.49	19.20	19.06	20.50
		50	25	20.12	19.92	19.47	19.18	19.09	20.50
		50	50	20.21	19.95	19.48	19.24	19.08	20.50
		100	0	20.09	19.91	19.52	19.18	19.02	20.50
	64QAM	1	0	20.13	19.81	19.56	19.24	19.03	20.50
		1	50	20.06	19.91	19.53	19.28	19.07	20.50
		1	99	20.14	19.87	19.55	19.20	19.13	20.50
		50	0	20.12	19.95	19.55	19.17	19.09	20.50
		50	25	20.13	19.85	19.54	19.21	19.02	20.50
		50	50	20.05	19.86	19.50	19.11	19.01	20.50
		100	0	20.13	19.90	19.56	19.20	19.17	20.50

LTE Band 41 State5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	16.16	15.86	15.51	15.13	15.08	16.50
		1	13	16.20	15.95	15.55	15.15	15.03	16.50
		1	24	16.20	15.89	15.50	15.21	15.13	16.50
		12	0	16.22	15.98	15.53	15.23	15.09	16.50
		12	6	16.17	15.89	15.57	15.16	15.01	16.50
		12	13	16.18	15.91	15.53	15.10	15.04	16.50
		25	0	16.21	15.88	15.54	15.19	15.11	16.50
	16QAM	1	0	16.18	15.91	15.52	15.13	15.00	16.50
		1	13	16.23	15.95	15.52	15.14	15.01	16.50
		1	24	16.23	15.88	15.48	15.15	15.11	16.50
		12	0	16.22	15.88	15.45	15.13	15.03	16.50
		12	6	16.13	15.91	15.45	15.13	15.00	16.50
		12	13	16.27	15.91	15.53	15.19	15.07	16.50
		25	0	16.21	15.90	15.45	15.10	15.05	16.50
	64QAM	1	0	16.17	15.97	15.46	15.12	15.08	16.50
		1	13	16.18	15.92	15.48	15.17	15.04	16.50
		1	24	16.24	15.91	15.52	15.18	15.10	16.50
		12	0	16.24	15.92	15.55	15.18	15.04	16.50

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		12	6	16.18	15.93	15.50	15.09	15.09	16.50
		12	13	16.17	15.90	15.57	15.17	15.09	16.50
		25	0	16.19	15.89	15.52	15.18	15.01	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	16.24	15.91	15.51	15.17	15.10	16.50
		1	25	16.21	15.94	15.53	15.18	15.07	16.50
		1	49	16.23	15.89	15.53	15.17	15.11	16.50
		25	0	16.19	15.95	15.54	15.18	15.14	16.50
		25	13	16.18	15.85	15.49	15.12	15.04	16.50
		25	25	16.23	15.89	15.54	15.10	15.09	16.50
		50	0	16.16	15.90	15.50	15.22	15.07	16.50
	16QAM	1	0	16.21	15.91	15.56	15.09	14.97	16.50
		1	25	16.21	15.97	15.52	15.14	15.09	16.50
		1	49	16.20	15.90	15.50	15.12	15.11	16.50
		25	0	16.19	15.88	15.50	15.14	15.06	16.50
		25	13	16.21	15.87	15.48	15.16	15.03	16.50
		25	25	16.24	15.92	15.50	15.20	15.05	16.50
		50	0	16.18	15.91	15.46	15.10	15.09	16.50
	64QAM	1	0	16.20	15.97	15.53	15.13	15.06	16.50
		1	25	16.20	15.85	15.52	15.16	15.02	16.50
		1	49	16.16	15.90	15.52	15.23	15.05	16.50
		25	0	16.29	15.87	15.58	15.23	15.05	16.50
		25	13	16.13	15.93	15.50	15.13	15.07	16.50
		25	25	16.20	15.87	15.56	15.18	15.05	16.50
		50	0	16.23	15.89	15.49	15.15	15.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	16.24	15.91	15.49	15.16	15.05	16.50
		1	38	16.26	15.88	15.52	15.13	15.04	16.50
		1	74	16.21	15.92	15.57	15.18	15.09	16.50
		36	0	16.21	15.97	15.53	15.21	15.06	16.50
		36	18	16.15	15.86	15.50	15.16	15.03	16.50
		36	39	16.22	15.92	15.48	15.12	15.05	16.50
		75	0	16.19	15.94	15.53	15.24	15.10	16.50
	16QAM	1	0	16.25	15.90	15.57	15.13	14.97	16.50
		1	38	16.24	15.95	15.53	15.18	15.09	16.50
		1	74	16.21	15.90	15.51	15.14	15.09	16.50
		36	0	16.23	15.89	15.51	15.19	15.07	16.50
		36	18	16.20	15.89	15.46	15.17	15.03	16.50
		36	39	16.24	15.89	15.52	15.23	15.05	16.50
		75	0	16.15	15.92	15.44	15.13	15.02	16.50
	64QAM	1	0	16.24	15.92	15.51	15.13	15.03	16.50

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		1	38	16.20	15.87	15.50	15.19	15.03	16.50
		1	74	16.22	15.92	15.60	15.20	15.04	16.50
		36	0	16.25	15.90	15.51	15.20	15.12	16.50
		36	18	16.13	15.95	15.50	15.12	15.02	16.50
		36	39	16.16	15.87	15.51	15.17	15.10	16.50
		75	0	16.20	15.86	15.45	15.18	15.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	16.39	15.97	15.63	15.36	15.15	16.50
		1	50	16.23	15.92	15.50	15.15	15.07	16.50
		1	99	16.23	15.90	15.57	15.20	15.05	16.50
		50	0	16.29	15.93	15.70	15.25	15.14	16.50
		50	25	16.20	15.90	15.57	15.12	15.04	16.50
		50	50	16.19	15.86	15.54	15.09	15.08	16.50
		100	0	16.17	15.87	15.51	15.23	15.05	16.50
	16QAM	1	0	16.19	15.90	15.56	15.15	14.97	16.50
		1	50	16.21	15.97	15.47	15.17	15.02	16.50
		1	99	16.22	15.95	15.44	15.14	15.07	16.50
		50	0	16.20	15.85	15.49	15.13	15.08	16.50
		50	25	16.19	15.87	15.48	15.15	15.02	16.50
		50	50	16.26	15.93	15.46	15.19	15.04	16.50
		100	0	16.22	15.87	15.47	15.16	15.08	16.50
	64QAM	1	0	16.26	15.95	15.50	15.16	15.10	16.50
		1	50	16.23	15.87	15.47	15.16	15.06	16.50
		1	99	16.25	15.94	15.54	15.16	15.02	16.50
		50	0	16.24	15.86	15.56	15.22	15.11	16.50
		50	25	16.19	15.99	15.55	15.13	15.05	16.50
		50	50	16.17	15.90	15.58	15.16	15.07	16.50
		100	0	16.17	15.87	15.44	15.19	15.03	16.50

LTE Band 66 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.35	23.26	23.28	24.50
		1	2	23.41	23.29	23.23	24.50
		1	5	23.22	23.31	23.23	24.50
		3	0	23.45	23.28	23.32	24.50
		3	1	23.39	23.36	23.29	24.50
		3	3	23.32	23.32	23.25	24.50
		6	0	22.19	22.28	22.30	23.50
	16QAM	1	0	22.29	22.28	22.40	23.50
		1	2	22.39	22.34	22.25	23.50
		1	5	22.28	22.32	22.28	23.50

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		3	0	22.34	22.29	22.30	23.50
		3	1	22.38	22.33	22.35	23.50
		3	3	22.30	22.42	22.35	23.50
		6	0	21.40	21.40	21.31	22.50
	64QAM	1	0	21.32	21.32	21.20	22.50
		1	2	21.33	21.31	21.26	22.50
		1	5	21.36	21.25	21.28	22.50
		3	0	21.25	21.31	21.36	22.50
		3	1	21.23	21.33	21.27	22.50
		3	3	21.28	21.37	21.26	22.50
		6	0	20.32	20.21	20.33	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.38	23.40	23.45	24.50
		1	7	23.47	23.46	23.39	24.50
		1	14	23.41	23.28	23.37	24.50
		8	0	22.34	22.35	22.44	23.50
		8	4	22.42	22.29	22.39	23.50
		8	7	22.46	22.43	22.46	23.50
		15	0	22.33	22.41	22.42	23.50
	16QAM	1	0	22.39	22.43	22.27	23.50
		1	7	22.47	22.38	22.41	23.50
		1	14	22.40	22.32	22.26	23.50
		8	0	21.38	21.39	21.29	22.50
		8	4	21.43	21.38	21.47	22.50
		8	7	21.26	21.38	21.38	22.50
		15	0	21.52	21.31	21.40	22.50
	64QAM	1	0	21.35	21.46	21.30	22.50
		1	7	21.42	21.29	21.42	22.50
		1	14	21.36	21.37	21.28	22.50
		8	0	20.40	20.31	20.36	21.50
		8	4	20.36	20.40	20.43	21.50
		8	7	20.38	20.25	20.37	21.50
		15	0	20.31	20.40	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.42	23.41	23.42	24.50
		1	13	23.42	23.41	23.38	24.50
		1	24	23.37	23.27	23.36	24.50
		12	0	22.37	22.41	22.41	23.50
		12	6	22.37	22.29	22.38	23.50
		12	13	22.46	22.44	22.45	23.50
		25	0	22.30	22.37	22.35	23.50

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	16QAM	1	0	22.43	22.38	22.34	23.50
		1	13	22.47	22.35	22.46	23.50
		1	24	22.32	22.29	22.32	23.50
		12	0	21.43	21.37	21.29	22.50
		12	6	21.39	21.38	21.44	22.50
		12	13	21.24	21.40	21.44	22.50
		25	0	21.41	21.37	21.40	22.50
	64QAM	1	0	21.37	21.48	21.31	22.50
		1	13	21.36	21.41	21.39	22.50
		1	24	21.41	21.40	21.35	22.50
		12	0	20.37	20.34	20.31	21.50
		12	6	20.35	20.41	20.33	21.50
		12	13	20.43	20.26	20.38	21.50
		25	0	20.34	20.42	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.40	23.39	23.43	24.50
		1	25	23.43	23.43	23.45	24.50
		1	49	23.40	23.37	23.28	24.50
		25	0	22.32	22.39	22.49	23.50
		25	13	22.41	22.36	22.40	23.50
		25	25	22.45	22.41	22.43	23.50
		50	0	22.31	22.36	22.38	23.50
	16QAM	1	0	22.37	22.44	22.32	23.50
		1	25	22.44	22.31	22.50	23.50
		1	49	22.36	22.40	22.32	23.50
		25	0	21.47	21.37	21.37	22.50
		25	13	21.43	21.36	21.52	22.50
		25	25	21.35	21.46	21.42	22.50
		50	0	21.49	21.28	21.42	22.50
	64QAM	1	0	21.33	21.46	21.35	22.50
		1	25	21.41	21.38	21.48	22.50
		1	49	21.34	21.35	21.29	22.50
		25	0	20.44	20.39	20.32	21.50
		25	13	20.33	20.47	20.35	21.50
		25	25	20.43	20.31	20.40	21.50
		50	0	20.34	20.39	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.34	23.41	23.34	24.50
		1	38	23.48	23.40	23.39	24.50
		1	74	23.41	23.35	23.37	24.50
		36	0	22.34	22.29	22.42	23.50

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		36	18	22.47	22.38	22.36	23.50
		36	39	22.39	22.34	22.46	23.50
		75	0	22.30	22.39	22.36	23.50
	16QAM	1	0	22.37	22.37	22.37	23.50
		1	38	22.38	22.32	22.49	23.50
		1	74	22.34	22.40	22.26	23.50
		36	0	21.42	21.41	21.29	22.50
		36	18	21.39	21.34	21.49	22.50
		36	39	21.33	21.49	21.35	22.50
		75	0	21.51	21.35	21.45	22.50
	64QAM	1	0	21.36	21.42	21.33	22.50
		1	38	21.36	21.31	21.43	22.50
		1	74	21.31	21.46	21.32	22.50
		36	0	20.43	20.35	20.28	21.50
		36	18	20.34	20.35	20.42	21.50
		36	39	20.45	20.28	20.45	21.50
		75	0	20.34	20.40	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.38	23.33	23.43	24.50
		1	50	23.37	23.40	23.41	24.50
		1	99	23.42	23.26	23.28	24.50
		50	0	22.35	22.32	22.43	23.50
		50	25	22.40	22.31	22.30	23.50
		50	50	22.42	22.39	22.49	23.50
		100	0	22.38	22.31	22.36	23.50
	16QAM	1	0	22.40	22.40	22.35	23.50
		1	50	22.43	22.31	22.42	23.50
		1	99	22.39	22.34	22.31	23.50
		50	0	21.39	21.33	21.32	22.50
		50	25	21.33	21.29	21.52	22.50
		50	50	21.25	21.48	21.37	22.50
		100	0	21.46	21.28	21.34	22.50
	64QAM	1	0	21.36	21.50	21.25	22.50
		1	50	21.37	21.34	21.37	22.50
		1	99	21.36	21.37	21.34	22.50
		50	0	20.44	20.37	20.33	21.50
		50	25	20.34	20.36	20.36	21.50
		50	50	20.36	20.33	20.42	21.50
		100	0	20.43	20.38	20.30	21.50

LTE Band 66 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				131979	132322	132665	
1.4MHz	QPSK	1	0	21.83	21.80	21.86	23.00
		1	2	21.83	21.78	21.77	23.00
		1	5	21.85	21.74	21.76	23.00
		3	0	21.78	21.81	21.79	23.00
		3	1	21.85	21.81	21.83	23.00
		3	3	21.87	21.76	21.79	23.00
		6	0	21.79	21.75	21.77	23.00
	16QAM	1	0	21.80	21.80	21.83	23.00
		1	2	21.80	21.83	21.79	23.00
		1	5	21.85	21.84	21.77	23.00
		3	0	21.82	21.75	21.84	23.00
		3	1	21.80	21.78	21.79	23.00
		3	3	21.77	21.79	21.84	23.00
		6	0	21.28	21.31	21.26	22.50
	64QAM	1	0	21.29	21.35	21.32	22.50
		1	2	21.35	21.26	21.32	22.50
		1	5	21.35	21.33	21.25	22.50
		3	0	21.35	21.29	21.35	22.50
		3	1	21.37	21.32	21.27	22.50
		3	3	21.38	21.35	21.37	22.50
		6	0	20.36	20.27	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.77	21.82	21.77	23.00
		1	7	21.80	21.79	21.84	23.00
		1	14	21.82	21.77	21.82	23.00
		8	0	21.78	21.74	21.77	23.00
		8	4	21.82	21.80	21.87	23.00
		8	7	21.81	21.79	21.82	23.00
		15	0	21.86	21.76	21.78	23.00
	16QAM	1	0	21.77	21.78	21.84	23.00
		1	7	21.85	21.78	21.80	23.00
		1	14	21.84	21.85	21.78	23.00
		8	0	21.85	21.79	21.83	22.50
		8	4	21.87	21.77	21.77	22.50
		8	7	21.75	21.82	21.82	22.50
		15	0	21.32	21.40	21.29	22.50
	64QAM	1	0	21.36	21.35	21.35	22.50
		1	7	21.31	21.32	21.33	22.50
		1	14	21.31	21.37	21.30	22.50
		8	0	21.30	21.29	21.34	21.50
		8	4	21.34	21.25	21.26	21.50

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		8	7	21.34	21.38	21.33	21.50
		15	0	20.34	20.24	20.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.76	21.85	21.81	23.00
		1	13	21.82	21.75	21.84	23.00
		1	24	21.81	21.79	21.76	23.00
		12	0	21.84	21.80	21.76	23.00
		12	6	21.84	21.87	21.87	23.00
		12	13	21.82	21.80	21.74	23.00
		25	0	21.82	21.80	21.76	23.00
		25	0	21.82	21.80	21.76	23.00
	16QAM	1	0	21.77	21.79	21.85	23.00
		1	13	21.76	21.83	21.86	23.00
		1	24	21.82	21.78	21.81	23.00
		12	0	21.81	21.74	21.84	22.50
		12	6	21.81	21.79	21.77	22.50
		12	13	21.74	21.78	21.82	22.50
		25	0	21.27	21.38	21.30	22.50
		25	0	21.27	21.38	21.30	22.50
	64QAM	1	0	21.37	21.30	21.31	22.50
		1	13	21.31	21.28	21.40	22.50
		1	24	21.36	21.38	21.31	22.50
		12	0	21.32	21.25	21.38	21.50
		12	6	21.38	21.29	21.23	21.50
		12	13	21.39	21.30	21.34	21.50
		25	0	20.32	20.32	20.23	21.50
		25	0	20.32	20.32	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.83	21.81	21.78	23.00
		1	25	21.81	21.81	21.81	23.00
		1	49	21.82	21.79	21.79	23.00
		25	0	21.78	21.74	21.75	23.00
		25	13	21.83	21.82	21.82	23.00
		25	25	21.82	21.79	21.78	23.00
		50	0	21.81	21.79	21.78	23.00
		50	0	21.81	21.79	21.78	23.00
	16QAM	1	0	21.78	21.81	21.78	23.00
		1	25	21.84	21.81	21.82	23.00
		1	49	21.83	21.79	21.80	23.00
		25	0	21.77	21.75	21.80	22.50
		25	13	21.81	21.82	21.75	22.50
		25	25	21.75	21.87	21.77	22.50
		50	0	21.29	21.38	21.24	22.50
		50	0	21.29	21.38	21.24	22.50
	64QAM	1	0	21.32	21.36	21.33	22.50
		1	25	21.33	21.31	21.39	22.50

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		1	49	21.35	21.33	21.27	22.50
		25	0	21.38	21.26	21.40	21.50
		25	13	21.37	21.31	21.25	21.50
		25	25	21.39	21.32	21.35	21.50
		50	0	20.33	20.32	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.80	21.82	21.86	23.00
		1	38	21.83	21.76	21.84	23.00
		1	74	21.88	21.72	21.77	23.00
		36	0	21.81	21.74	21.78	23.00
		36	18	21.86	21.78	21.87	23.00
		36	39	21.80	21.78	21.74	23.00
		75	0	21.82	21.72	21.79	23.00
	16QAM	1	0	21.82	21.84	21.78	23.00
		1	38	21.78	21.85	21.82	23.00
		1	74	21.81	21.86	21.81	23.00
		36	0	21.79	21.74	21.84	22.50
		36	18	21.82	21.77	21.78	22.50
		36	39	21.79	21.83	21.79	22.50
		75	0	21.24	21.38	21.29	22.50
	64QAM	1	0	21.34	21.34	21.31	22.50
		1	38	21.32	21.28	21.36	22.50
		1	74	21.28	21.35	21.29	22.50
		36	0	21.39	21.30	21.37	21.50
		36	18	21.38	21.31	21.25	21.50
		36	39	21.38	21.37	21.31	21.50
		75	0	20.37	20.26	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.89	21.99	21.77	23.00
		1	50	21.79	21.74	21.76	23.00
		1	99	21.86	21.76	21.74	23.00
		50	0	21.86	21.96	21.69	23.00
		50	25	21.82	21.81	21.67	23.00
		50	50	21.84	21.80	21.62	23.00
		100	0	21.84	21.89	21.76	23.00
	16QAM	1	0	21.81	21.80	21.83	23.00
		1	50	21.80	21.78	21.79	23.00
		1	99	21.86	21.83	21.75	23.00
		50	0	21.85	21.77	21.83	22.50
		50	25	21.82	21.79	21.82	22.50
		50	50	21.78	21.81	21.80	22.50

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	64QAM	100	0	21.27	21.38	21.28	22.50
		1	0	21.37	21.33	21.30	22.50
		1	50	21.35	21.33	21.38	22.50
		1	99	21.33	21.31	21.26	22.50
		50	0	21.35	21.28	21.34	21.50
		50	25	21.38	21.25	21.25	21.50
		50	50	21.33	21.34	21.36	21.50
		100	0	20.32	20.33	20.26	21.50

LTE Band 66 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.64	15.74	15.73	17.00
		1	2	15.69	15.74	15.77	17.00
		1	5	15.74	15.68	15.70	17.00
		3	0	15.72	15.72	15.75	17.00
		3	1	15.77	15.62	15.66	17.00
		3	3	15.70	15.69	15.76	17.00
		6	0	15.76	15.78	15.72	17.00
	16QAM	1	0	15.70	15.70	15.73	17.00
		1	2	15.70	15.76	15.71	17.00
		1	5	15.71	15.68	15.74	17.00
		3	0	15.69	15.77	15.75	17.00
		3	1	15.73	15.68	15.70	17.00
		3	3	15.71	15.76	15.66	17.00
		6	0	15.65	15.74	15.80	17.00
	64QAM	1	0	15.69	15.75	15.72	17.00
		1	2	15.71	15.70	15.69	17.00
		1	5	15.70	15.71	15.67	17.00
		3	0	15.66	15.69	15.63	17.00
		3	1	15.76	15.73	15.71	17.00
		3	3	15.67	15.67	15.72	17.00
		6	0	15.76	15.71	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	15.68	15.73	15.67	17.00
		1	7	15.67	15.72	15.77	17.00
		1	14	15.72	15.76	15.68	17.00
		8	0	15.72	15.74	15.73	17.00
		8	4	15.80	15.64	15.70	17.00
		8	7	15.70	15.68	15.78	17.00
		15	0	15.74	15.73	15.71	17.00
	16QAM	1	0	15.67	15.70	15.69	17.00

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		1	7	15.74	15.77	15.69	17.00
		1	14	15.72	15.68	15.73	17.00
		8	0	15.73	15.77	15.75	17.00
		8	4	15.69	15.70	15.66	17.00
		8	7	15.67	15.75	15.72	17.00
		15	0	15.71	15.70	15.74	17.00
	64QAM	1	0	15.69	15.69	15.71	17.00
		1	7	15.74	15.75	15.71	17.00
		1	14	15.64	15.68	15.67	17.00
		8	0	15.68	15.71	15.64	17.00
		8	4	15.77	15.72	15.63	17.00
		8	7	15.73	15.69	15.69	17.00
		15	0	15.72	15.67	15.72	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.66	15.74	15.73	17.00
		1	13	15.69	15.72	15.77	17.00
		1	24	15.77	15.70	15.74	17.00
		12	0	15.73	15.80	15.77	17.00
		12	6	15.76	15.68	15.69	17.00
		12	13	15.65	15.73	15.72	17.00
	16QAM	25	0	15.75	15.79	15.76	17.00
		1	0	15.69	15.65	15.69	17.00
		1	13	15.76	15.76	15.68	17.00
		1	24	15.72	15.67	15.73	17.00
		12	0	15.71	15.72	15.72	17.00
		12	6	15.70	15.72	15.63	17.00
	64QAM	12	13	15.67	15.74	15.70	17.00
		25	0	15.63	15.72	15.75	17.00
		1	0	15.67	15.77	15.73	17.00
		1	13	15.77	15.69	15.75	17.00
		1	24	15.65	15.71	15.67	17.00
		12	0	15.67	15.76	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.66	15.71	15.68	17.00
		1	25	15.70	15.74	15.77	17.00
		1	49	15.75	15.68	15.69	17.00
		25	0	15.74	15.72	15.76	17.00
		25	13	15.79	15.65	15.66	17.00

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		25	25	15.73	15.69	15.79	17.00
		50	0	15.73	15.75	15.68	17.00
	16QAM	1	0	15.72	15.68	15.68	17.00
		1	25	15.78	15.73	15.65	17.00
		1	49	15.68	15.69	15.72	17.00
		25	0	15.73	15.78	15.77	17.00
		25	13	15.70	15.70	15.63	17.00
		25	25	15.66	15.73	15.73	17.00
		50	0	15.66	15.73	15.71	17.00
		1	0	15.69	15.72	15.80	17.00
	64QAM	1	25	15.74	15.69	15.70	17.00
		1	49	15.71	15.64	15.72	17.00
		25	0	15.71	15.72	15.71	17.00
		25	13	15.74	15.71	15.66	17.00
		25	25	15.71	15.66	15.68	17.00
		50	0	15.71	15.72	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.70	15.69	15.68	17.00
		1	38	15.73	15.70	15.72	17.00
		1	74	15.73	15.74	15.75	17.00
		36	0	15.67	15.73	15.74	17.00
		36	18	15.79	15.64	15.70	17.00
		36	39	15.69	15.72	15.76	17.00
		75	0	15.77	15.75	15.71	17.00
		1	0	15.72	15.67	15.72	17.00
	16QAM	1	38	15.71	15.78	15.70	17.00
		1	74	15.69	15.71	15.78	17.00
		36	0	15.75	15.79	15.72	17.00
		36	18	15.70	15.69	15.70	17.00
		36	39	15.65	15.78	15.66	17.00
		75	0	15.70	15.74	15.76	17.00
		1	0	15.66	15.73	15.72	17.00
		1	38	15.75	15.73	15.77	17.00
	64QAM	1	74	15.66	15.66	15.65	17.00
		36	0	15.68	15.71	15.65	17.00
		36	18	15.76	15.71	15.64	17.00
		36	39	15.71	15.72	15.70	17.00
		75	0	15.74	15.63	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	15.87	15.88	15.83	17.00
		1	50	15.73	15.75	15.71	17.00

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		1	99	15.72	15.75	15.75	17.00
		50	0	15.76	15.86	15.83	17.00
		50	25	15.74	15.64	15.69	17.00
		50	50	15.69	15.67	15.79	17.00
		100	0	15.79	15.84	15.68	17.00
	16QAM	1	0	15.69	15.69	15.73	17.00
		1	50	15.78	15.78	15.64	17.00
		1	99	15.67	15.72	15.74	17.00
		50	0	15.74	15.72	15.73	17.00
		50	25	15.78	15.68	15.68	17.00
		50	50	15.70	15.78	15.68	17.00
		100	0	15.64	15.70	15.80	17.00
	64QAM	1	0	15.64	15.73	15.80	17.00
		1	50	15.77	15.74	15.76	17.00
		1	99	15.68	15.69	15.69	17.00
		50	0	15.68	15.73	15.64	17.00
		50	25	15.80	15.73	15.72	17.00
		50	50	15.69	15.69	15.70	17.00
		100	0	15.71	15.72	15.73	17.00

LTE Band 71 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133322	133447	
5MHz	QPSK	1	0	23.12	23.20	23.16	24.00
		1	13	23.27	23.20	23.26	24.00
		1	24	23.20	23.19	23.14	24.00
		12	0	22.06	22.14	22.17	23.00
		12	6	22.23	22.17	22.20	23.00
		12	13	22.25	22.14	22.29	23.00
		25	0	22.18	22.17	22.18	23.00
	16QAM	1	0	22.24	22.22	22.17	23.00
		1	13	22.21	22.17	22.21	23.00
		1	24	22.12	22.18	22.03	23.00
		12	0	21.17	21.19	21.08	22.00
		12	6	21.22	21.13	21.31	22.00
		12	13	21.08	21.20	21.23	22.00
		25	0	21.25	21.13	21.14	22.00
	64QAM	1	0	21.22	21.33	21.12	22.00
		1	13	21.15	21.20	21.20	22.00
		1	24	21.10	21.14	21.12	22.00
		12	0	20.21	20.18	20.15	21.00
		12	6	20.13	20.22	20.13	21.00
		12	13	20.15	20.08	20.17	21.00

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		25	0	20.23	20.20	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133322	133422	
10MHz	QPSK	1	0	23.18	23.17	23.26	24.00
		1	25	23.26	23.26	23.16	24.00
		1	49	23.15	23.17	23.19	24.00
		25	0	22.12	22.17	22.26	23.00
		25	13	22.16	22.15	22.13	23.00
		25	25	22.26	22.13	22.21	23.00
		50	0	22.11	22.18	22.23	23.00
	16QAM	1	0	22.21	22.22	22.15	23.00
		1	25	22.25	22.10	22.22	23.00
		1	49	22.13	22.19	22.05	23.00
		25	0	21.15	21.10	21.17	22.00
		25	13	21.19	21.18	21.23	22.00
		25	25	21.05	21.28	21.16	22.00
		50	0	21.27	21.20	21.20	22.00
	64QAM	1	0	21.12	21.28	21.04	22.00
		1	25	21.17	21.14	21.25	22.00
		1	49	21.15	21.23	21.19	22.00
		25	0	20.15	20.11	20.15	21.00
		25	13	20.16	20.25	20.23	21.00
		25	25	20.27	20.08	20.13	21.00
		50	0	20.23	20.13	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133322	133397	
15MHz	QPSK	1	0	23.19	23.16	23.24	24.00
		1	38	23.23	23.24	23.23	24.00
		1	74	23.18	23.06	23.10	24.00
		36	0	22.15	22.11	22.29	23.00
		36	18	22.22	22.12	22.14	23.00
		36	39	22.21	22.19	22.25	23.00
		75	0	22.09	22.09	22.22	23.00
	16QAM	1	0	22.15	22.13	22.14	23.00
		1	38	22.27	22.07	22.26	23.00
		1	74	22.12	22.14	22.09	23.00
		36	0	21.26	21.14	21.09	22.00
		36	18	21.20	21.18	21.26	22.00
		36	39	21.10	21.25	21.22	22.00
		75	0	21.31	21.19	21.15	22.00
	64QAM	1	0	21.17	21.21	21.16	22.00
		1	38	21.13	21.14	21.18	22.00
		1	74	21.10	21.18	21.14	22.00

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		36	0	20.15	20.14	20.17	21.00
		36	18	20.10	20.19	20.14	21.00
		36	39	20.23	20.06	20.17	21.00
		75	0	20.14	20.19	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	23.22	23.36	23.27	24.00
		1	50	23.20	23.22	23.18	24.00
		1	99	23.14	23.15	23.16	24.00
		50	0	22.22	22.27	22.22	23.00
		50	25	22.20	22.20	22.17	23.00
		50	50	22.21	22.13	22.21	23.00
		100	0	22.17	22.30	22.25	23.00
	16QAM	1	0	22.18	22.24	22.12	23.00
		1	50	22.27	22.11	22.18	23.00
		1	99	22.23	22.17	22.08	23.00
		50	0	21.20	21.15	21.12	22.00
		50	25	21.17	21.06	21.28	22.00
		50	50	21.04	21.27	21.17	22.00
		100	0	21.27	21.19	21.17	22.00
	64QAM	1	0	21.10	21.28	21.06	22.00
		1	50	21.18	21.10	21.29	22.00
		1	99	21.11	21.25	21.13	22.00
		50	0	20.22	20.17	20.07	21.00
		50	25	20.07	20.22	20.18	21.00
		50	50	20.25	20.12	20.13	21.00
		100	0	20.16	20.15	20.16	21.00

Ant4:

LTE Band 2 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.45	23.52	23.55	24.50
		1	2	23.52	23.49	23.53	24.50
		1	5	23.46	23.52	23.45	24.50
		3	0	23.53	23.49	23.53	24.50
		3	2	23.47	23.45	23.50	24.50
		3	3	23.48	23.54	23.46	24.50
		6	0	22.32	22.43	22.45	23.50
	16QAM	1	0	22.44	22.41	22.48	23.50

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		1	2	22.41	22.36	22.34	23.50
		1	5	22.26	22.38	22.30	23.50
		3	0	22.48	22.46	22.46	23.50
		3	2	22.51	22.44	22.55	23.50
		3	3	22.49	22.51	22.52	23.50
		6	0	21.40	21.60	21.55	22.50
	64QAM	1	0	21.55	21.47	21.46	22.50
		1	2	21.51	21.40	21.27	22.50
		1	5	21.50	21.32	21.26	22.50
		3	0	21.63	21.58	21.65	22.50
		3	2	21.60	21.65	21.62	22.50
		3	3	21.60	21.61	21.57	22.50
		6	0	20.38	20.28	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.41	23.37	23.54	24.50
		1	7	23.41	23.44	23.38	24.50
		1	14	23.35	23.43	23.44	24.50
		8	0	22.51	22.38	22.53	23.50
		8	4	22.55	22.45	22.32	23.50
		8	7	22.49	22.42	22.48	23.50
	16QAM	15	0	22.40	22.44	22.52	23.50
		1	0	22.31	22.51	22.55	23.50
		1	7	22.53	22.35	22.41	23.50
		1	14	22.38	22.43	22.37	23.50
		8	0	21.57	21.39	21.36	22.50
		8	4	21.43	21.44	21.47	22.50
	64QAM	8	7	21.42	21.44	21.51	22.50
		15	0	21.52	21.49	21.56	22.50
		1	0	21.34	21.46	21.40	22.50
		1	7	21.49	21.42	21.56	22.50
		1	14	21.50	21.38	21.41	22.50
		8	0	20.42	20.41	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.43	23.39	23.56	24.50
		1	13	23.43	23.40	23.33	24.50
		1	24	23.37	23.43	23.47	24.50
		12	0	22.47	22.40	22.54	23.50

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		12	6	22.60	22.47	22.32	23.50
		12	13	22.41	22.37	22.46	23.50
		25	0	22.44	22.51	22.53	23.50
	16QAM	1	0	22.34	22.42	22.49	23.50
		1	13	22.58	22.38	22.44	23.50
		1	24	22.48	22.35	22.41	23.50
		12	0	21.49	21.39	21.42	22.50
		12	6	21.45	21.46	21.52	22.50
		12	13	21.37	21.42	21.56	22.50
		25	0	21.45	21.56	21.47	22.50
	64QAM	1	0	21.37	21.47	21.35	22.50
		1	13	21.42	21.48	21.45	22.50
		1	24	21.41	21.46	21.40	22.50
		12	0	20.32	20.45	20.43	21.50
		12	6	20.42	20.45	20.55	21.50
		12	13	20.45	20.42	20.43	21.50
		25	0	20.41	20.34	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.38	23.37	23.56	24.50
		1	25	23.47	23.39	23.34	24.50
		1	49	23.46	23.39	23.38	24.50
		25	0	22.44	22.38	22.45	23.50
		25	13	22.55	22.49	22.38	23.50
		25	25	22.45	22.38	22.49	23.50
		50	0	22.50	22.42	22.55	23.50
	16QAM	1	0	22.38	22.40	22.51	23.50
		1	25	22.49	22.43	22.40	23.50
		1	49	22.46	22.44	22.44	23.50
		25	0	21.56	21.39	21.37	22.50
		25	13	21.40	21.47	21.45	22.50
		25	25	21.36	21.50	21.53	22.50
		50	0	21.49	21.53	21.47	22.50
	64QAM	1	0	21.40	21.48	21.35	22.50
		1	25	21.49	21.47	21.47	22.50
		1	49	21.40	21.38	21.30	22.50
		25	0	20.37	20.46	20.38	21.50
		25	13	20.46	20.51	20.56	21.50
		25	25	20.44	20.41	20.40	21.50
		50	0	20.39	20.41	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.40	23.29	23.47	24.50

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		1	38	23.46	23.42	23.41	24.50
		1	74	23.42	23.40	23.47	24.50
		36	0	22.43	22.47	22.54	23.50
		36	18	22.57	22.48	22.38	23.50
		36	39	22.48	22.38	22.50	23.50
		75	0	22.48	22.50	22.42	23.50
		1	0	22.40	22.45	22.47	23.50
		1	38	22.54	22.35	22.40	23.50
		1	74	22.43	22.36	22.37	23.50
		36	0	21.55	21.47	21.46	22.50
	16QAM	36	18	21.48	21.44	21.45	22.50
		36	39	21.34	21.46	21.56	22.50
		75	0	21.47	21.52	21.44	22.50
		1	0	21.35	21.46	21.38	22.50
		1	38	21.49	21.47	21.52	22.50
		1	74	21.41	21.40	21.42	22.50
	64QAM	36	0	20.36	20.44	20.41	21.50
		36	18	20.44	20.44	20.57	21.50
		36	39	20.49	20.39	20.38	21.50
		75	0	20.43	20.37	20.44	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					18700	18900	19100
	20MHz	QPSK					Tune up
			1	0	23.51	23.56	23.51
			1	50	23.45	23.45	23.39
			1	99	23.37	23.42	23.41
			50	0	22.50	22.52	22.51
			50	25	22.46	22.46	22.39
			50	50	22.43	22.43	22.47
		16QAM	100	0	22.43	22.55	22.54
			1	0	22.31	22.43	22.44
			1	50	22.46	22.39	22.41
			1	99	22.36	22.44	22.40
			50	0	21.60	21.49	21.43
			50	25	21.45	21.36	21.45
			50	50	21.36	21.41	21.51
		64QAM	100	0	21.54	21.53	21.54
			1	0	21.40	21.53	21.38
			1	50	21.50	21.41	21.57
			1	99	21.41	21.46	21.33
			50	0	20.38	20.42	20.39
			50	25	20.48	20.41	20.51
			50	50	20.49	20.37	20.45
			100	0	20.49	20.45	20.46

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LTE Band 2 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.00	20.00	20.02	21.00
		1	2	20.03	19.94	19.96	21.00
		1	5	20.03	20.05	20.01	21.00
		3	0	19.98	19.98	19.98	21.00
		3	2	19.95	20.01	19.99	21.00
		3	3	19.97	19.94	19.98	21.00
		6	0	20.05	20.01	19.93	21.00
	16QAM	1	0	19.98	19.96	20.02	21.00
		1	2	20.03	19.96	20.02	21.00
		1	5	20.01	19.99	20.04	21.00
		3	0	20.01	20.00	20.03	21.00
		3	2	20.01	20.02	20.04	21.00
		3	3	19.99	20.02	19.98	21.00
		6	0	19.92	19.96	19.97	21.00
	64QAM	1	0	20.03	20.02	19.93	21.00
		1	2	19.95	19.96	19.93	21.00
		1	5	19.93	20.05	20.01	21.00
		3	0	19.99	19.98	19.92	21.00
		3	2	19.94	20.00	19.94	21.00
		3	3	19.99	19.95	19.99	21.00
		6	0	19.91	19.95	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.93	19.96	20.00	21.00
		1	7	20.01	19.98	19.99	21.00
		1	14	20.02	19.99	20.00	21.00
		8	0	19.96	19.98	19.98	21.00
		8	4	19.99	20.00	19.96	21.00
		8	7	20.02	19.94	20.01	21.00
		15	0	20.05	20.02	19.94	21.00
	16QAM	1	0	20.01	20.00	19.94	21.00
		1	7	20.03	20.00	20.04	21.00
		1	14	20.00	19.95	19.98	21.00
		8	0	20.06	19.98	19.98	21.00
		8	4	20.00	20.04	19.97	21.00
		8	7	20.00	19.98	19.98	21.00
		15	0	19.94	20.02	20.00	21.00
	64QAM	1	0	20.03	20.02	19.97	21.00

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		1	7	19.99	19.97	19.96	21.00
		1	14	19.93	20.05	20.02	21.00
		8	0	19.96	20.06	19.99	21.00
		8	4	20.02	20.00	19.94	21.00
		8	7	20.06	19.96	19.98	21.00
		15	0	19.96	19.95	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.01	20.01	19.98	21.00
		1	13	20.06	19.95	19.99	21.00
		1	24	20.02	20.02	20.03	21.00
		12	0	20.00	19.99	20.04	21.00
		12	6	20.01	19.99	19.98	21.00
		12	13	20.03	19.97	19.97	21.00
		25	0	20.04	19.97	19.98	21.00
	16QAM	1	0	20.02	20.00	19.98	21.00
		1	13	20.05	19.94	20.02	21.00
		1	24	19.96	19.95	20.04	21.00
		12	0	20.04	19.97	20.02	21.00
		12	6	19.99	20.05	20.02	21.00
		12	13	20.01	19.94	20.02	21.00
		25	0	19.92	20.04	20.02	21.00
	64QAM	1	0	20.00	19.99	19.93	21.00
		1	13	19.99	19.97	19.98	21.00
		1	24	19.98	19.99	20.02	21.00
		12	0	19.96	19.99	19.96	21.00
		12	6	19.98	20.05	19.92	21.00
		12	13	20.05	20.03	20.03	21.00
		25	0	19.97	19.98	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.98	20.01	19.97	21.00
		1	25	20.06	19.94	19.99	21.00
		1	49	20.00	20.02	20.04	21.00
		25	0	19.97	19.95	20.04	21.00
		25	13	19.94	20.00	20.02	21.00
		25	25	19.99	19.94	19.94	21.00
		50	0	20.02	19.95	19.99	21.00
	16QAM	1	0	20.00	20.01	19.99	21.00
		1	25	20.05	20.02	19.99	21.00
		1	49	19.99	19.96	20.02	21.00
		25	0	20.02	20.05	20.05	21.00
		25	13	19.97	19.99	20.02	21.00

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	64QAM	25	25	20.04	20.02	19.99	21.00
		50	0	19.90	20.01	20.00	21.00
		1	0	19.97	20.06	19.93	21.00
		1	25	20.02	20.02	20.00	21.00
		1	49	19.92	20.00	20.02	21.00
		25	0	19.99	20.03	19.94	21.00
		25	13	19.97	20.02	19.98	21.00
		25	25	20.04	19.94	19.99	21.00
		50	0	19.96	19.98	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.94	20.04	20.00	21.00
		1	38	20.07	19.92	19.99	21.00
		1	74	19.98	20.00	20.04	21.00
		36	0	19.95	20.01	19.99	21.00
		36	18	19.98	20.06	19.96	21.00
		36	39	20.04	19.99	20.00	21.00
		75	0	20.04	19.99	19.95	21.00
	16QAM	1	0	20.05	19.98	19.97	21.00
		1	38	20.01	19.97	20.03	21.00
		1	74	20.00	20.02	20.00	21.00
		36	0	20.08	19.99	20.03	21.00
		36	18	20.03	20.00	20.03	21.00
		36	39	20.02	19.95	19.97	21.00
		75	0	19.91	19.98	20.03	21.00
	64QAM	1	0	19.97	20.02	19.99	21.00
		1	38	19.97	19.99	19.96	21.00
		1	74	19.98	19.98	20.03	21.00
		36	0	20.00	19.98	19.99	21.00
		36	18	19.99	19.99	19.97	21.00
		36	39	20.03	19.96	19.98	21.00
		75	0	20.00	19.92	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.16	20.18	20.13	21.00
		1	50	20.06	19.93	19.96	21.00
		1	99	20.06	20.07	20.06	21.00
		50	0	20.01	20.05	20.03	21.00
		50	25	19.95	20.02	20.01	21.00
		50	50	19.98	19.93	19.99	21.00
		100	0	19.97	19.99	19.93	21.00
	16QAM	1	0	19.97	20.00	19.95	21.00
		1	50	20.01	20.01	20.02	21.00

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		1	99	20.04	19.95	19.98	21.00
		50	0	20.06	20.04	20.02	21.00
		50	25	19.98	20.01	19.98	21.00
		50	50	20.04	19.97	20.01	21.00
		100	0	19.95	20.04	19.98	21.00
	64QAM	1	0	20.02	20.01	19.99	21.00
		1	50	20.02	20.02	19.95	21.00
		1	99	19.93	19.99	20.03	21.00
		50	0	19.96	20.05	19.94	21.00
		50	25	19.97	20.04	19.97	21.00
		50	50	20.04	20.02	20.00	21.00
		100	0	19.93	19.97	20.01	21.00

LTE Band 4 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.27	23.35	23.35	24.50
		1	2	23.28	23.29	23.29	24.50
		1	5	23.35	23.38	23.31	24.50
		3	0	23.35	23.31	23.36	24.50
		3	2	23.38	23.33	23.29	24.50
		3	3	23.38	23.38	23.36	24.50
		6	0	22.24	22.16	22.30	23.50
	16QAM	1	0	22.24	22.23	22.28	23.50
		1	2	22.23	22.22	22.15	23.50
		1	5	22.08	22.23	22.16	23.50
		3	0	22.32	22.33	22.35	23.50
		3	2	22.30	22.29	22.37	23.50
		3	3	22.34	22.28	22.28	23.50
		6	0	21.23	21.49	21.37	22.50
	64QAM	1	0	21.47	21.38	21.37	22.50
		1	2	21.38	21.22	21.16	22.50
		1	5	21.39	21.16	21.18	22.50
		3	0	21.39	21.44	21.46	22.50
		3	2	21.43	21.49	21.38	22.50
		3	3	21.42	21.37	21.47	22.50
		6	0	20.17	20.17	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.40	23.33	23.39	24.50
		1	7	23.50	23.51	23.40	24.50

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		1	14	23.46	23.46	23.44	24.50
		8	0	22.46	22.49	22.56	23.50
		8	4	22.58	22.50	22.38	23.50
		8	7	22.47	22.45	22.57	23.50
		15	0	22.40	22.43	22.45	23.50
	16QAM	1	0	22.38	22.50	22.52	23.50
		1	7	22.57	22.49	22.46	23.50
		1	14	22.42	22.38	22.47	23.50
		8	0	21.62	21.42	21.44	22.50
		8	4	21.50	21.41	21.48	22.50
		8	7	21.40	21.50	21.52	22.50
		15	0	21.47	21.51	21.49	22.50
	64QAM	1	0	21.39	21.55	21.42	22.50
		1	7	21.54	21.44	21.50	22.50
		1	14	21.45	21.44	21.45	22.50
		8	0	20.44	20.43	20.40	21.50
		8	4	20.54	20.44	20.53	21.50
		8	7	20.44	20.48	20.46	21.50
		15	0	20.52	20.49	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.38	23.44	23.45	24.50
		1	13	23.42	23.44	23.48	24.50
		1	24	23.37	23.45	23.41	24.50
		12	0	22.46	22.40	22.56	23.50
		12	6	22.57	22.50	22.35	23.50
		12	13	22.48	22.46	22.53	23.50
		25	0	22.43	22.47	22.53	23.50
	16QAM	1	0	22.43	22.49	22.52	23.50
		1	13	22.50	22.47	22.51	23.50
		1	24	22.51	22.46	22.50	23.50
		12	0	21.55	21.49	21.40	22.50
		12	6	21.40	21.41	21.53	22.50
		12	13	21.36	21.45	21.53	22.50
		25	0	21.58	21.49	21.58	22.50
	64QAM	1	0	21.47	21.49	21.35	22.50
		1	13	21.46	21.49	21.59	22.50
		1	24	21.45	21.44	21.41	22.50
		12	0	20.37	20.47	20.43	21.50
		12	6	20.49	20.47	20.52	21.50
		12	13	20.46	20.51	20.40	21.50
		25	0	20.50	20.42	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				20000	20175	20350	
10MHz	QPSK	1	0	23.38	23.43	23.42	24.50
		1	25	23.49	23.47	23.42	24.50
		1	49	23.36	23.48	23.52	24.50
		25	0	22.55	22.48	22.48	23.50
		25	13	22.55	22.48	22.41	23.50
		25	25	22.53	22.41	22.62	23.50
		50	0	22.43	22.48	22.58	23.50
	16QAM	1	0	22.40	22.50	22.49	23.50
		1	25	22.54	22.46	22.40	23.50
		1	49	22.40	22.38	22.45	23.50
		25	0	21.55	21.50	21.39	22.50
		25	13	21.40	21.49	21.54	22.50
		25	25	21.46	21.45	21.58	22.50
		50	0	21.56	21.57	21.55	22.50
	64QAM	1	0	21.46	21.53	21.43	22.50
		1	25	21.51	21.44	21.58	22.50
		1	49	21.44	21.49	21.35	22.50
		25	0	20.38	20.42	20.38	21.50
		25	13	20.44	20.50	20.62	21.50
		25	25	20.50	20.47	20.40	21.50
		50	0	20.52	20.41	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.38	23.36	23.49	24.50
		1	38	23.44	23.49	23.43	24.50
		1	74	23.47	23.50	23.51	24.50
		36	0	22.46	22.52	22.56	23.50
		36	18	22.60	22.48	22.37	23.50
		36	39	22.47	22.44	22.58	23.50
		75	0	22.42	22.47	22.53	23.50
	16QAM	1	0	22.42	22.53	22.51	23.50
		1	38	22.57	22.42	22.44	23.50
		1	74	22.47	22.44	22.39	23.50
		36	0	21.57	21.40	21.47	22.50
		36	18	21.44	21.40	21.56	22.50
		36	39	21.44	21.46	21.50	22.50
		75	0	21.55	21.57	21.53	22.50
	64QAM	1	0	21.40	21.45	21.41	22.50
		1	38	21.52	21.44	21.50	22.50
		1	74	21.49	21.49	21.46	22.50
		36	0	20.42	20.40	20.39	21.50
		36	18	20.54	20.54	20.59	21.50

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		36	39	20.42	20.51	20.40	21.50
		75	0	20.49	20.49	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.49	23.54	23.51	24.50
		1	50	23.44	23.51	23.47	24.50
		1	99	23.48	23.44	23.49	24.50
		50	0	22.50	22.55	22.47	23.50
		50	25	22.42	22.43	22.35	23.50
		50	50	22.44	22.46	22.38	23.50
		100	0	22.52	22.53	22.49	23.50
	16QAM	1	0	22.45	22.47	22.46	23.50
		1	50	22.55	22.39	22.40	23.50
		1	99	22.49	22.48	22.46	23.50
		50	0	21.52	21.46	21.47	22.50
		50	25	21.40	21.50	21.56	22.50
		50	50	21.37	21.45	21.61	22.50
		100	0	21.57	21.53	21.54	22.50
	64QAM	1	0	21.45	21.55	21.36	22.50
		1	50	21.43	21.49	21.48	22.50
		1	99	21.48	21.46	21.46	22.50
		50	0	20.45	20.42	20.41	21.50
		50	25	20.46	20.46	20.55	21.50
		50	50	20.50	20.50	20.46	21.50
		100	0	20.47	20.47	20.42	21.50

LTE Band 4 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.82	20.83	20.80	22.00
		1	2	20.87	20.81	20.86	22.00
		1	5	20.75	20.79	20.80	22.00
		3	0	20.81	20.79	20.83	22.00
		3	2	20.76	20.80	20.81	22.00
		3	3	20.89	20.86	20.82	22.00
		6	0	20.82	20.86	20.76	22.00
	16QAM	1	0	20.80	20.84	20.84	22.00
		1	2	20.83	20.84	20.80	22.00
		1	5	20.78	20.87	20.84	22.00
		3	0	20.80	20.82	20.83	22.00
		3	2	20.77	20.83	20.86	22.00

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	64QAM	3	3	20.79	20.82	20.85	22.00
		6	0	20.74	20.83	20.78	22.00
		1	0	20.86	20.78	20.86	22.00
		1	2	20.77	20.78	20.82	22.00
		1	5	20.89	20.83	20.80	22.00
		3	0	20.80	20.75	20.87	22.00
		3	2	20.76	20.80	20.77	22.00
		3	3	20.74	20.80	20.83	22.00
		6	0	20.29	20.30	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.85	20.82	20.75	22.00
		1	7	20.81	20.83	20.85	22.00
		1	14	20.82	20.80	20.78	22.00
		8	0	20.81	20.81	20.89	22.00
		8	4	20.76	20.78	20.82	22.00
		8	7	20.88	20.84	20.87	22.00
		15	0	20.80	20.78	20.80	22.00
	16QAM	1	0	20.87	20.79	20.81	22.00
		1	7	20.76	20.79	20.86	22.00
		1	14	20.77	20.82	20.82	22.00
		8	0	20.75	20.83	20.76	22.00
		8	4	20.78	20.85	20.84	22.00
		8	7	20.79	20.77	20.85	22.00
		15	0	20.77	20.85	20.81	22.00
	64QAM	1	0	20.84	20.78	20.81	22.00
		1	7	20.85	20.79	20.83	22.00
		1	14	20.88	20.87	20.78	22.00
		8	0	20.28	20.36	20.31	21.50
		8	4	20.28	20.31	20.35	21.50
		8	7	20.26	20.37	20.26	21.50
		15	0	20.25	20.32	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.83	20.89	20.73	22.00
		1	13	20.87	20.81	20.83	22.00
		1	24	20.77	20.77	20.79	22.00
		12	0	20.83	20.77	20.83	22.00
		12	6	20.84	20.85	20.84	22.00
		12	13	20.83	20.86	20.88	22.00
		25	0	20.76	20.86	20.83	22.00
	16QAM	1	0	20.85	20.82	20.78	22.00

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		1	13	20.79	20.84	20.82	22.00
		1	24	20.75	20.82	20.83	22.00
		12	0	20.81	20.78	20.80	22.00
		12	6	20.83	20.83	20.89	22.00
		12	13	20.82	20.74	20.81	22.00
		25	0	20.80	20.90	20.79	22.00
	64QAM	1	0	20.82	20.76	20.84	22.00
		1	13	20.79	20.74	20.82	22.00
		1	24	20.83	20.87	20.82	22.00
		12	0	20.31	20.31	20.35	21.50
		12	6	20.31	20.31	20.30	21.50
		12	13	20.30	20.35	20.34	21.50
		25	0	20.26	20.34	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.79	20.82	20.74	22.00
		1	25	20.88	20.82	20.79	22.00
		1	49	20.80	20.76	20.80	22.00
		25	0	20.77	20.80	20.89	22.00
		25	13	20.82	20.85	20.83	22.00
		25	25	20.87	20.84	20.80	22.00
		50	0	20.82	20.79	20.76	22.00
	16QAM	1	0	20.81	20.80	20.83	22.00
		1	25	20.80	20.80	20.84	22.00
		1	49	20.79	20.81	20.84	22.00
		25	0	20.74	20.85	20.82	22.00
		25	13	20.84	20.85	20.86	22.00
		25	25	20.82	20.80	20.86	22.00
		50	0	20.79	20.87	20.83	22.00
	64QAM	1	0	20.86	20.74	20.87	22.00
		1	25	20.83	20.78	20.81	22.00
		1	49	20.89	20.82	20.77	22.00
		25	0	20.27	20.37	20.35	21.50
		25	13	20.30	20.36	20.31	21.50
		25	25	20.29	20.34	20.26	21.50
		50	0	20.28	20.32	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.88	20.86	20.73	22.00
		1	38	20.82	20.80	20.81	22.00
		1	74	20.81	20.78	20.80	22.00
		36	0	20.76	20.77	20.83	22.00
		36	18	20.81	20.87	20.83	22.00

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		36	39	20.82	20.90	20.86	22.00
		75	0	20.83	20.82	20.76	22.00
	16QAM	1	0	20.85	20.76	20.76	22.00
		1	38	20.79	20.83	20.88	22.00
		1	74	20.80	20.80	20.89	22.00
		36	0	20.80	20.82	20.79	22.00
		36	18	20.78	20.81	20.85	22.00
		36	39	20.77	20.74	20.84	22.00
		75	0	20.76	20.88	20.79	22.00
	64QAM	1	0	20.83	20.80	20.85	22.00
		1	38	20.82	20.73	20.78	22.00
		1	74	20.83	20.86	20.78	22.00
		36	0	20.23	20.37	20.27	21.50
		36	18	20.25	20.31	20.32	21.50
		36	39	20.24	20.34	20.33	21.50
		75	0	20.31	20.36	20.34	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.92	20.97	20.94	22.00
		1	50	20.87	20.82	20.85	22.00
		1	99	20.78	20.83	20.75	22.00
		50	0	20.88	20.93	20.86	22.00
		50	25	20.76	20.84	20.81	22.00
		50	50	20.82	20.86	20.84	22.00
		100	0	20.80	20.88	20.79	22.00
	16QAM	1	0	20.83	20.80	20.77	22.00
		1	50	20.76	20.78	20.87	22.00
		1	99	20.74	20.84	20.80	22.00
		50	0	20.76	20.84	20.85	22.00
		50	25	20.81	20.85	20.82	22.00
		50	50	20.78	20.74	20.85	22.00
		100	0	20.81	20.82	20.83	22.00
	64QAM	1	0	20.87	20.74	20.85	22.00
		1	50	20.79	20.80	20.75	22.00
		1	99	20.89	20.81	20.81	22.00
		50	0	20.24	20.34	20.31	21.50
		50	25	20.25	20.31	20.32	21.50
		50	50	20.31	20.34	20.28	21.50
		100	0	20.24	20.30	20.30	21.50

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LTE Band 7 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.79	22.69	22.79	24.20
		1	13	22.73	22.77	22.80	24.20
		1	24	22.78	22.74	22.85	24.20
		12	0	21.92	21.78	21.83	23.20
		12	6	21.93	21.85	21.78	23.20
		12	13	21.80	21.80	21.95	23.20
		25	0	21.76	21.87	21.88	23.20
	16QAM	1	0	21.74	21.81	21.87	23.20
		1	13	21.93	21.76	21.83	23.20
		1	24	21.78	21.73	21.78	23.20
		12	0	20.90	20.83	20.80	22.20
		12	6	20.77	20.83	20.93	22.20
		12	13	20.74	20.90	20.90	22.20
		25	0	20.87	20.89	20.90	22.20
	64QAM	1	0	20.75	20.91	20.77	22.20
		1	13	20.77	20.86	20.86	22.20
		1	24	20.80	20.85	20.76	22.20
		12	0	19.75	19.87	19.72	21.20
		12	6	19.81	19.83	19.93	21.20
		12	13	19.79	19.78	19.77	21.20
		25	0	19.78	19.75	19.79	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.80	22.73	22.75	24.20
		1	25	22.75	22.85	22.83	24.20
		1	49	22.75	22.84	22.79	24.20
		25	0	21.81	21.78	21.87	23.20
		25	13	21.89	21.86	21.79	23.20
		25	25	21.85	21.80	21.96	23.20
		50	0	21.87	21.83	21.82	23.20
	16QAM	1	0	21.75	21.87	21.93	23.20
		1	25	21.89	21.74	21.79	23.20
		1	49	21.77	21.75	21.85	23.20
		25	0	20.96	20.87	20.79	22.20
		25	13	20.78	20.83	20.83	22.20
		25	25	20.79	20.79	20.95	22.20
		50	0	20.92	20.93	20.84	22.20
	64QAM	1	0	20.72	20.88	20.73	22.20
		1	25	20.78	20.82	20.85	22.20

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		1	49	20.87	20.77	20.73	22.20
		25	0	19.71	19.78	19.76	21.20
		25	13	19.89	19.82	19.85	21.20
		25	25	19.86	19.85	19.81	21.20
		50	0	19.81	19.71	19.87	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.78	22.71	22.82	24.20
		1	38	22.77	22.86	22.78	24.20
		1	74	22.76	22.82	22.80	24.20
		36	0	21.93	21.87	21.83	23.20
		36	18	21.91	21.77	21.73	23.20
		36	39	21.91	21.76	21.97	23.20
		75	0	21.79	21.82	21.80	23.20
	16QAM	1	0	21.79	21.79	21.85	23.20
		1	38	21.86	21.79	21.80	23.20
		1	74	21.83	21.83	21.81	23.20
		36	0	20.89	20.78	20.73	22.20
		36	18	20.82	20.81	20.92	22.20
		36	39	20.72	20.89	20.92	22.20
		75	0	20.89	20.85	20.94	22.20
	64QAM	1	0	20.70	20.90	20.67	22.20
		1	38	20.84	20.78	20.92	22.20
		1	74	20.81	20.75	20.76	22.20
		36	0	19.76	19.83	19.77	21.20
		36	18	19.83	19.80	19.87	21.20
		36	39	19.84	19.75	19.82	21.20
		75	0	19.78	19.82	19.88	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.93	22.97	22.95	24.20
		1	50	22.86	22.87	22.80	24.20
		1	99	22.74	22.79	22.77	24.20
		50	0	21.91	21.94	21.93	23.20
		50	25	21.85	21.77	21.70	23.20
		50	50	21.87	21.81	21.86	23.20
		100	0	21.82	21.94	21.92	23.20
	16QAM	1	0	21.80	21.84	21.87	23.20
		1	50	21.90	21.86	21.81	23.20
		1	99	21.76	21.80	21.81	23.20
		50	0	20.94	20.87	20.76	22.20
		50	25	20.76	20.84	20.89	22.20
		50	50	20.71	20.88	20.95	22.20

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		100	0	20.88	20.83	20.91	22.20
	64QAM	1	0	20.79	20.89	20.75	22.20
		1	50	20.83	20.86	20.90	22.20
		1	99	20.83	20.84	20.70	22.20
		50	0	19.82	19.87	19.79	21.20
		50	25	19.79	19.86	19.88	21.20
		50	50	19.83	19.77	19.84	21.20
		100	0	19.83	19.83	19.83	21.20

LTE Band 7 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.20	18.18	18.19	19.70
		1	13	18.20	18.26	18.16	19.70
		1	24	18.24	18.25	18.23	19.70
		12	0	18.19	18.26	18.25	19.70
		12	6	18.27	18.19	18.15	19.70
		12	13	18.20	18.16	18.20	19.70
		25	0	18.19	18.27	18.28	19.70
	16QAM	1	0	18.27	18.27	18.16	19.70
		1	13	18.21	18.29	18.20	19.70
		1	24	18.22	18.22	18.20	19.70
		12	0	18.24	18.17	18.19	19.70
		12	6	18.19	18.15	18.22	19.70
		12	13	18.24	18.25	18.21	19.70
		25	0	18.20	18.18	18.19	19.70
	64QAM	1	0	18.18	18.25	18.19	19.70
		1	13	18.24	18.20	18.16	19.70
		1	24	18.18	18.25	18.18	19.70
		12	0	18.20	18.21	18.28	19.70
		12	6	18.19	18.19	18.22	19.70
		12	13	18.28	18.25	18.23	19.70
		25	0	18.16	18.22	18.21	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.19	18.21	18.19	19.70
		1	25	18.13	18.23	18.22	19.70
		1	49	18.23	18.20	18.17	19.70
		25	0	18.22	18.17	18.25	19.70
		25	13	18.26	18.17	18.17	19.70
		25	25	18.20	18.15	18.21	19.70
		50	0	18.17	18.24	18.29	19.70
	16QAM	1	0	18.21	18.21	18.19	19.70

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		1	25	18.21	18.24	18.20	19.70
		1	49	18.19	18.28	18.22	19.70
		25	0	18.20	18.22	18.20	19.70
		25	13	18.24	18.21	18.18	19.70
		25	25	18.22	18.24	18.22	19.70
		50	0	18.20	18.18	18.16	19.70
	64QAM	1	0	18.19	18.23	18.15	19.70
		1	25	18.17	18.18	18.16	19.70
		1	49	18.26	18.16	18.27	19.70
		25	0	18.27	18.19	18.25	19.70
		25	13	18.23	18.24	18.24	19.70
		25	25	18.22	18.23	18.22	19.70
		50	0	18.23	18.25	18.20	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.21	18.25	18.20	19.70
		1	38	18.13	18.23	18.20	19.70
		1	74	18.19	18.23	18.16	19.70
		36	0	18.22	18.25	18.25	19.70
		36	18	18.23	18.22	18.15	19.70
		36	39	18.21	18.18	18.15	19.70
		75	0	18.25	18.23	18.29	19.70
	16QAM	1	0	18.21	18.25	18.16	19.70
		1	38	18.20	18.26	18.16	19.70
		1	74	18.22	18.26	18.16	19.70
		36	0	18.20	18.18	18.27	19.70
		36	18	18.26	18.22	18.26	19.70
		36	39	18.19	18.25	18.24	19.70
		75	0	18.19	18.17	18.16	19.70
	64QAM	1	0	18.20	18.25	18.15	19.70
		1	38	18.23	18.26	18.20	19.70
		1	74	18.26	18.22	18.24	19.70
		36	0	18.25	18.19	18.24	19.70
		36	18	18.27	18.24	18.26	19.70
		36	39	18.26	18.30	18.18	19.70
		75	0	18.21	18.26	18.21	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.34	18.42	18.34	19.70
		1	50	18.16	18.22	18.18	19.70
		1	99	18.25	18.27	18.22	19.70
		50	0	18.36	18.41	18.26	19.70
		50	25	18.28	18.21	18.22	19.70

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		50	50	18.23	18.13	18.20	19.70
		100	0	18.17	18.33	18.29	19.70
		1	0	18.22	18.24	18.14	19.70
	16QAM	1	50	18.19	18.25	18.15	19.70
		1	99	18.20	18.24	18.19	19.70
		50	0	18.22	18.22	18.24	19.70
		50	25	18.26	18.14	18.19	19.70
		50	50	18.23	18.26	18.18	19.70
		100	0	18.20	18.15	18.23	19.70
		1	0	18.19	18.21	18.19	19.70
	64QAM	1	50	18.16	18.18	18.19	19.70
		1	99	18.27	18.19	18.25	19.70
		50	0	18.20	18.22	18.21	19.70
		50	25	18.22	18.17	18.25	19.70
		50	50	18.23	18.29	18.21	19.70
		100	0	18.22	18.19	18.23	19.70

LTE Band 38 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.23	23.28	23.29	24.50
		1	13	23.31	23.33	23.18	24.50
		1	24	23.26	23.18	23.27	24.50
		12	0	22.37	22.25	22.32	23.50
		12	6	22.32	22.21	22.27	23.50
		12	13	22.35	22.21	22.31	23.50
		25	0	22.28	22.32	22.35	23.50
	16QAM	1	0	22.22	22.29	22.37	23.50
		1	13	22.36	22.31	22.23	23.50
		1	24	22.27	22.24	22.26	23.50
		12	0	21.34	21.20	21.20	22.50
		12	6	21.24	21.24	21.32	22.50
		12	13	21.14	21.27	21.39	22.50
		25	0	21.30	21.38	21.30	22.50
	64QAM	1	0	21.17	21.28	21.23	22.50
		1	13	21.27	21.22	21.35	22.50
		1	24	21.30	21.31	21.15	22.50
		12	0	20.17	20.28	20.18	21.50
		12	6	20.34	20.29	20.31	21.50
		12	13	20.32	20.29	20.22	21.50
		25	0	20.22	20.27	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	

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10MHz	QPSK	1	0	23.24	23.24	23.23	24.50
		1	25	23.28	23.31	23.15	24.50
		1	49	23.27	23.28	23.24	24.50
		25	0	22.32	22.29	22.36	23.50
		25	13	22.31	22.33	22.19	23.50
		25	25	22.33	22.18	22.37	23.50
		50	0	22.23	22.35	22.33	23.50
	16QAM	1	0	22.22	22.31	22.36	23.50
		1	25	22.28	22.20	22.18	23.50
		1	49	22.23	22.25	22.20	23.50
		25	0	21.35	21.30	21.27	22.50
		25	13	21.26	21.23	21.37	22.50
		25	25	21.20	21.30	21.34	22.50
		50	0	21.26	21.36	21.38	22.50
	64QAM	1	0	21.14	21.27	21.16	22.50
		1	25	21.23	21.29	21.39	22.50
		1	49	21.32	21.27	21.17	22.50
		25	0	20.16	20.21	20.21	21.50
		25	13	20.26	20.32	20.42	21.50
		25	25	20.33	20.24	20.29	21.50
		50	0	20.34	20.27	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.20	23.23	23.31	24.50
		1	38	23.28	23.34	23.26	24.50
		1	74	23.23	23.19	23.26	24.50
		36	0	22.26	22.30	22.28	23.50
		36	18	22.36	22.22	22.19	23.50
		36	39	22.26	22.16	22.40	23.50
		75	0	22.30	22.28	22.27	23.50
	16QAM	1	0	22.20	22.35	22.31	23.50
		1	38	22.41	22.26	22.19	23.50
		1	74	22.24	22.19	22.30	23.50
		36	0	21.32	21.24	21.24	22.50
		36	18	21.31	21.31	21.27	22.50
		36	39	21.24	21.30	21.41	22.50
		75	0	21.30	21.26	21.28	22.50
	64QAM	1	0	21.21	21.29	21.22	22.50
		1	38	21.27	21.25	21.30	22.50
		1	74	21.29	21.22	21.21	22.50
		36	0	20.20	20.27	20.20	21.50
		36	18	20.34	20.33	20.36	21.50
		36	39	20.33	20.31	20.23	21.50

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		75	0	20.33	20.21	20.33	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.28	23.44	23.34	24.50
		1	50	23.19	23.31	23.27	24.50
		1	99	23.21	23.24	23.23	24.50
		50	0	22.39	22.41	22.38	23.50
		50	25	22.37	22.23	22.19	23.50
		50	50	22.32	22.29	22.36	23.50
		100	0	22.20	22.35	22.29	23.50
	16QAM	1	0	22.24	22.30	22.36	23.50
		1	50	22.38	22.23	22.29	23.50
		1	99	22.22	22.18	22.27	23.50
		50	0	21.41	21.24	21.26	22.50
		50	25	21.21	21.19	21.38	22.50
		50	50	21.20	21.23	21.35	22.50
		100	0	21.35	21.38	21.30	22.50
	64QAM	1	0	21.19	21.37	21.21	22.50
		1	50	21.33	21.27	21.38	22.50
		1	99	21.28	21.22	21.15	22.50
		50	0	20.21	20.27	20.25	21.50
		50	25	20.27	20.28	20.39	21.50
		50	50	20.30	20.21	20.30	21.50
		100	0	20.29	20.24	20.30	21.50

LTE Band 38 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.72	20.71	20.66	22.00
		1	13	20.75	20.71	20.62	22.00
		1	24	20.65	20.68	20.73	22.00
		12	0	20.70	20.71	20.69	22.00
		12	6	20.75	20.69	20.68	22.00
		12	13	20.71	20.71	20.68	22.00
		25	0	20.74	20.66	20.76	22.00
	16QAM	1	0	20.64	20.71	20.75	22.00
		1	13	20.70	20.67	20.66	22.00
		1	24	20.70	20.66	20.65	22.00
		12	0	20.73	20.69	20.69	22.00
		12	6	20.63	20.68	20.72	22.00
		12	13	20.65	20.66	20.68	22.00
		25	0	20.69	20.69	20.67	22.00
	64QAM	1	0	20.74	20.74	20.67	22.00

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		1	13	20.69	20.70	20.77	22.00
		1	24	20.67	20.67	20.70	22.00
		12	0	20.17	20.22	20.25	21.50
		12	6	20.17	20.20	20.25	21.50
		12	13	20.17	20.17	20.15	21.50
		25	0	20.18	20.23	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.74	20.76	20.68	22.00
		1	25	20.74	20.70	20.69	22.00
		1	49	20.65	20.67	20.71	22.00
		25	0	20.69	20.70	20.71	22.00
		25	13	20.74	20.72	20.75	22.00
		25	25	20.70	20.74	20.73	22.00
		50	0	20.75	20.66	20.75	22.00
	16QAM	1	0	20.65	20.67	20.74	22.00
		1	25	20.75	20.69	20.71	22.00
		1	49	20.68	20.67	20.67	22.00
		25	0	20.68	20.67	20.67	22.00
		25	13	20.68	20.67	20.71	22.00
		25	25	20.68	20.71	20.68	22.00
		50	0	20.67	20.69	20.64	22.00
	64QAM	1	0	20.68	20.74	20.70	22.00
		1	25	20.68	20.75	20.76	22.00
		1	49	20.67	20.67	20.68	22.00
		25	0	20.22	20.22	20.25	21.50
		25	13	20.21	20.20	20.26	21.50
		25	25	20.14	20.21	20.21	21.50
		50	0	20.20	20.19	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.72	20.73	20.65	22.00
		1	38	20.73	20.63	20.67	22.00
		1	74	20.65	20.71	20.66	22.00
		36	0	20.66	20.65	20.70	22.00
		36	18	20.68	20.70	20.67	22.00
		36	39	20.74	20.78	20.74	22.00
		75	0	20.73	20.66	20.74	22.00
	16QAM	1	0	20.69	20.66	20.77	22.00
		1	38	20.70	20.65	20.70	22.00
		1	74	20.72	20.66	20.67	22.00
		36	0	20.66	20.69	20.69	22.00
		36	18	20.68	20.67	20.72	22.00

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		36	39	20.64	20.73	20.66	22.00
		75	0	20.72	20.75	20.63	22.00
	64QAM	1	0	20.66	20.69	20.67	22.00
		1	38	20.68	20.73	20.68	22.00
		1	74	20.72	20.64	20.69	22.00
		36	0	20.13	20.20	20.28	21.50
		36	18	20.17	20.18	20.25	21.50
		36	39	20.13	20.15	20.15	21.50
		75	0	20.15	20.20	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.74	20.84	20.75	22.00
		1	50	20.73	20.67	20.69	22.00
		1	99	20.64	20.73	20.68	22.00
		50	0	20.74	20.79	20.76	22.00
		50	25	20.72	20.71	20.71	22.00
		50	50	20.70	20.72	20.69	22.00
		100	0	20.74	20.80	20.69	22.00
	16QAM	1	0	20.70	20.64	20.74	22.00
		1	50	20.75	20.67	20.70	22.00
		1	99	20.67	20.68	20.68	22.00
		50	0	20.70	20.72	20.72	22.00
		50	25	20.62	20.68	20.70	22.00
		50	50	20.67	20.69	20.71	22.00
		100	0	20.72	20.75	20.65	22.00
	64QAM	1	0	20.70	20.67	20.69	22.00
		1	50	20.65	20.72	20.76	22.00
		1	99	20.66	20.66	20.72	22.00
		50	0	20.19	20.26	20.20	21.50
		50	25	20.15	20.15	20.25	21.50
		50	50	20.17	20.20	20.15	21.50
		100	0	20.22	20.19	20.19	21.50

LTE Band 41 State0 State5				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.17	23.31	23.30	23.17	22.63	24.50
		1	13	23.24	23.26	23.27	23.08	22.59	24.50
		1	24	23.27	23.27	23.31	23.15	22.69	24.50
		12	0	22.35	22.29	22.28	22.10	21.75	23.50
		12	6	22.35	22.27	22.16	22.26	21.85	23.50
		12	13	22.36	22.26	22.34	22.14	21.73	23.50
		25	0	22.20	22.24	22.31	22.18	21.67	23.50

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	16QAM	1	0	22.17	22.35	22.26	22.08	21.62	23.50
		1	13	22.41	22.31	22.20	22.23	21.81	23.50
		1	24	22.23	22.22	22.21	22.08	21.60	23.50
		12	0	21.33	21.27	21.23	21.24	20.83	22.50
		12	6	21.23	21.31	21.38	21.08	20.69	22.50
		12	13	21.21	21.29	21.38	21.09	20.57	22.50
		25	0	21.34	21.32	21.37	21.07	20.62	22.50
	64QAM	1	0	21.19	21.30	21.21	21.04	20.67	22.50
		1	13	21.33	21.31	21.38	21.03	20.62	22.50
		1	24	21.27	21.25	21.26	21.05	20.57	22.50
		12	0	20.20	20.27	20.18	20.08	19.60	21.50
		12	6	20.35	20.30	20.42	20.14	19.65	21.50
		12	13	20.24	20.25	20.26	20.12	19.65	21.50
		25	0	20.31	20.29	20.25	20.02	19.62	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.23	23.24	23.29	23.18	22.66	24.50
		1	25	23.21	23.22	23.21	23.13	22.58	24.50
		1	49	23.28	23.30	23.32	23.17	22.66	24.50
		25	0	22.36	22.30	22.38	22.18	21.71	23.50
		25	13	22.42	22.30	22.24	22.30	21.75	23.50
		25	25	22.28	22.20	22.38	22.16	21.65	23.50
		50	0	22.21	22.27	22.26	22.11	21.65	23.50
	16QAM	1	0	22.23	22.28	22.35	22.11	21.66	23.50
		1	25	22.30	22.22	22.24	22.28	21.74	23.50
		1	49	22.20	22.20	22.28	22.03	21.66	23.50
		25	0	21.33	21.23	21.28	21.17	20.79	22.50
		25	13	21.21	21.21	21.33	21.09	20.61	22.50
		25	25	21.17	21.33	21.35	21.09	20.65	22.50
		50	0	21.33	21.33	21.39	21.05	20.63	22.50
	64QAM	1	0	21.25	21.34	21.24	21.15	20.64	22.50
		1	25	21.34	21.23	21.35	21.02	20.61	22.50
		1	49	21.33	21.21	21.15	21.06	20.66	22.50
		25	0	20.18	20.32	20.17	20.01	19.54	21.50
		25	13	20.27	20.24	20.35	20.13	19.62	21.50
		25	25	20.28	20.22	20.24	20.06	19.61	21.50
		50	0	20.33	20.27	20.27	20.08	19.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.26	23.23	23.20	23.15	22.65	24.50
		1	38	23.24	23.31	23.22	23.14	22.63	24.50
		1	74	23.23	23.22	23.23	23.09	22.73	24.50
		36	0	22.36	22.25	22.39	22.13	21.69	23.50

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		36	18	22.43	22.31	22.25	22.26	21.78	23.50
		36	39	22.32	22.25	22.38	22.20	21.64	23.50
		75	0	22.21	22.30	22.34	22.21	21.68	23.50
	16QAM	1	0	22.19	22.23	22.35	22.12	21.70	23.50
		1	38	22.41	22.19	22.22	22.21	21.84	23.50
		1	74	22.29	22.21	22.30	22.12	21.66	23.50
		36	0	21.40	21.25	21.28	21.18	20.83	22.50
		36	18	21.23	21.21	21.33	21.11	20.64	22.50
		36	39	21.16	21.32	21.42	21.11	20.65	22.50
		75	0	21.27	21.36	21.35	21.13	20.62	22.50
	64QAM	1	0	21.15	21.29	21.19	21.04	20.67	22.50
		1	38	21.23	21.25	21.37	21.15	20.57	22.50
		1	74	21.29	21.30	21.25	21.04	20.66	22.50
		36	0	20.16	20.24	20.23	20.09	19.65	21.50
		36	18	20.23	20.28	20.34	20.09	19.70	21.50
		36	39	20.30	20.26	20.26	20.02	19.66	21.50
		75	0	20.28	20.24	20.33	20.10	19.67	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.16	23.26	23.36	23.08	22.69	24.50
		1	50	23.25	23.30	23.18	23.06	22.62	24.50
		1	99	23.16	23.27	23.26	23.08	22.69	24.50
		50	0	22.31	22.26	22.33	22.13	21.78	23.50
		50	25	22.31	22.27	22.14	22.23	21.76	23.50
		50	50	22.26	22.26	22.32	22.11	21.66	23.50
		100	0	22.22	22.31	22.36	22.12	21.71	23.50
	16QAM	1	0	22.21	22.27	22.31	22.05	21.66	23.50
		1	50	22.29	22.24	22.31	22.21	21.79	23.50
		1	99	22.28	22.17	22.19	22.05	21.58	23.50
		50	0	21.35	21.28	21.28	21.19	20.80	22.50
		50	25	21.26	21.22	21.32	21.05	20.61	22.50
		50	50	21.22	21.30	21.38	21.03	20.61	22.50
		100	0	21.28	21.38	21.33	21.08	20.63	22.50
	64QAM	1	0	21.26	21.26	21.14	21.06	20.70	22.50
		1	50	21.27	21.29	21.28	21.05	20.62	22.50
		1	99	21.32	21.30	21.16	21.03	20.58	22.50
		50	0	20.27	20.28	20.18	20.00	19.58	21.50
		50	25	20.33	20.24	20.41	20.05	19.65	21.50
		50	50	20.35	20.22	20.20	20.04	19.59	21.50
		100	0	20.28	20.17	20.22	20.04	19.66	21.50

LTE Band 41 State3 State8				Conducted Power(dBm)					
Bandwidth	Modulation		RB offset	Channel	Channel	Channel	Channel	Channel	Tune up

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		RB size		39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.70	20.73	20.69	20.74	20.24	22.00
		1	13	20.71	20.75	20.70	20.67	20.20	22.00
		1	24	20.66	20.66	20.72	20.69	20.22	22.00
		12	0	20.64	20.70	20.69	20.69	20.24	22.00
		12	6	20.67	20.70	20.70	20.62	20.19	22.00
		12	13	20.67	20.73	20.69	20.75	20.20	22.00
		25	0	20.66	20.68	20.78	20.69	20.29	22.00
	16QAM	1	0	20.71	20.77	20.71	20.67	20.17	22.00
		1	13	20.79	20.77	20.75	20.72	20.23	22.00
		1	24	20.66	20.64	20.63	20.65	20.16	22.00
		12	0	20.66	20.64	20.71	20.70	20.25	22.00
		12	6	20.68	20.70	20.69	20.66	20.18	22.00
		12	13	20.71	20.69	20.64	20.73	20.18	22.00
		25	0	20.64	20.63	20.69	20.71	20.25	22.00
	64QAM	1	0	20.66	20.68	20.72	20.68	20.21	22.00
		1	13	20.72	20.73	20.70	20.72	20.18	22.00
		1	24	20.66	20.71	20.66	20.75	20.20	22.00
		12	0	20.19	20.15	20.25	20.22	19.79	21.50
		12	6	20.19	20.18	20.20	20.14	19.72	21.50
		12	13	20.15	20.22	20.16	20.14	19.65	21.50
		25	0	20.12	20.14	20.19	20.16	19.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.71	20.69	20.74	20.74	20.26	22.00
		1	25	20.69	20.78	20.69	20.68	20.20	22.00
		1	49	20.67	20.66	20.68	20.76	20.22	22.00
		25	0	20.71	20.68	20.70	20.65	20.21	22.00
		25	13	20.68	20.65	20.70	20.62	20.18	22.00
		25	25	20.66	20.67	20.67	20.74	20.21	22.00
		50	0	20.72	20.70	20.74	20.68	20.25	22.00
	16QAM	1	0	20.78	20.77	20.70	20.69	20.19	22.00
		1	25	20.76	20.77	20.74	20.70	20.26	22.00
		1	49	20.69	20.67	20.66	20.68	20.14	22.00
		25	0	20.67	20.66	20.69	20.70	20.18	22.00
		25	13	20.69	20.71	20.68	20.62	20.17	22.00
		25	25	20.65	20.73	20.63	20.68	20.26	22.00
		50	0	20.66	20.65	20.63	20.69	20.22	22.00
	64QAM	1	0	20.73	20.70	20.74	20.67	20.22	22.00
		1	25	20.72	20.68	20.67	20.70	20.20	22.00
		1	49	20.68	20.73	20.69	20.75	20.18	22.00
		25	0	20.13	20.21	20.22	20.17	19.75	21.50
		25	13	20.17	20.20	20.16	20.17	19.65	21.50

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		25	25	20.18	20.18	20.18	20.13	19.68	21.50
		50	0	20.17	20.16	20.16	20.13	19.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.71	20.71	20.74	20.75	20.19	22.00
		1	38	20.70	20.73	20.71	20.70	20.25	22.00
		1	74	20.70	20.67	20.63	20.70	20.21	22.00
		36	0	20.66	20.67	20.67	20.68	20.28	22.00
		36	18	20.67	20.70	20.70	20.67	20.19	22.00
		36	39	20.71	20.66	20.68	20.74	20.28	22.00
		75	0	20.63	20.65	20.73	20.75	20.26	22.00
	16QAM	1	0	20.74	20.71	20.75	20.69	20.16	22.00
		1	38	20.71	20.78	20.74	20.67	20.23	22.00
		1	74	20.66	20.68	20.65	20.71	20.18	22.00
		36	0	20.69	20.66	20.72	20.71	20.26	22.00
		36	18	20.73	20.74	20.72	20.65	20.16	22.00
		36	39	20.64	20.70	20.62	20.74	20.18	22.00
		75	0	20.68	20.65	20.66	20.72	20.24	22.00
	64QAM	1	0	20.66	20.73	20.72	20.69	20.19	22.00
		1	38	20.75	20.75	20.72	20.67	20.22	22.00
		1	74	20.75	20.66	20.64	20.76	20.16	22.00
		36	0	20.15	20.13	20.21	20.22	19.74	21.50
		36	18	20.20	20.20	20.21	20.14	19.71	21.50
		36	39	20.17	20.16	20.15	20.15	19.65	21.50
		75	0	20.14	20.13	20.17	20.13	19.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.78	20.79	20.83	20.72	20.27	22.00
		1	50	20.74	20.72	20.74	20.71	20.21	22.00
		1	99	20.69	20.69	20.64	20.67	20.24	22.00
		50	0	20.77	20.78	20.79	20.78	20.34	22.00
		50	25	20.73	20.69	20.69	20.66	20.24	22.00
		50	50	20.75	20.68	20.66	20.71	20.27	22.00
		100	0	20.69	20.70	20.76	20.68	20.21	22.00
	16QAM	1	0	20.72	20.70	20.74	20.66	20.23	22.00
		1	50	20.71	20.73	20.72	20.66	20.26	22.00
		1	99	20.63	20.64	20.64	20.66	20.22	22.00
		50	0	20.66	20.69	20.71	20.73	20.20	22.00
		50	25	20.69	20.67	20.74	20.61	20.22	22.00
		50	50	20.65	20.70	20.69	20.75	20.19	22.00
		100	0	20.62	20.61	20.64	20.70	20.22	22.00
	64QAM	1	0	20.66	20.69	20.70	20.72	20.19	22.00
		1	50	20.70	20.73	20.74	20.70	20.23	22.00

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		1	99	20.70	20.69	20.71	20.77	20.22	22.00
		50	0	20.18	20.22	20.19	20.18	19.79	21.50
		50	25	20.18	20.19	20.19	20.20	19.65	21.50
		50	50	20.21	20.24	20.17	20.20	19.62	21.50
		100	0	20.15	20.12	20.21	20.16	19.71	21.50

LTE Band 66 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.09	24.09	24.17	25.00
		1	2	24.16	24.07	24.17	25.00
		1	5	24.19	24.10	24.16	25.00
		3	0	24.11	24.12	24.15	25.00
		3	1	24.09	24.10	24.09	25.00
		3	3	24.09	24.16	24.16	25.00
		6	0	22.99	23.01	23.07	24.00
	16QAM	1	0	23.00	22.99	23.16	24.00
		1	2	22.93	23.03	22.99	24.00
		1	5	22.89	22.97	22.98	24.00
		3	0	23.11	23.09	23.09	24.00
		3	1	23.10	23.12	23.11	24.00
		3	3	23.09	23.18	23.12	24.00
		6	0	22.10	22.25	22.17	23.00
	64QAM	1	0	22.20	22.21	22.20	23.00
		1	2	22.13	22.05	21.90	23.00
		1	5	22.14	21.96	21.93	23.00
		3	0	22.26	22.27	22.21	23.00
		3	1	22.21	22.21	22.18	23.00
		3	3	22.26	22.25	22.24	23.00
		6	0	21.03	20.92	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	24.23	24.23	24.27	25.00
		1	7	24.24	24.16	24.13	25.00
		1	14	24.15	24.07	24.09	25.00
		8	0	23.14	23.09	23.11	24.00
		8	4	23.17	23.07	23.11	24.00
		8	7	23.13	23.18	23.16	24.00
		15	0	23.15	23.12	23.14	24.00
	16QAM	1	0	23.17	23.17	23.17	24.00
		1	7	23.07	23.11	23.16	24.00
		1	14	23.02	23.08	23.10	24.00
		8	0	22.08	22.14	22.14	23.00

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		8	4	22.04	22.04	22.13	23.00
		8	7	22.10	22.11	22.10	23.00
		15	0	22.21	22.25	22.29	23.00
	64QAM	1	0	22.23	22.31	22.30	23.00
		1	7	22.16	22.09	22.17	23.00
		1	14	22.12	22.08	22.10	23.00
		8	0	21.19	21.11	21.13	22.00
		8	4	21.11	21.23	21.21	22.00
		8	7	21.14	21.13	21.06	22.00
		15	0	21.14	21.15	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	24.18	24.22	24.28	25.00
		1	13	24.19	24.15	24.26	25.00
		1	24	24.13	24.17	24.13	25.00
		12	0	23.10	23.07	23.09	24.00
		12	6	23.18	23.14	23.17	24.00
		12	13	23.24	23.19	23.11	24.00
		25	0	23.18	23.14	23.17	24.00
	16QAM	1	0	23.16	23.12	23.22	24.00
		1	13	23.09	23.12	23.12	24.00
		1	24	23.13	23.07	23.03	24.00
		12	0	22.14	22.15	22.13	23.00
		12	6	22.08	22.08	22.02	23.00
		12	13	22.08	22.12	22.06	23.00
		25	0	22.22	22.20	22.29	23.00
	64QAM	1	0	22.23	22.19	22.27	23.00
		1	13	22.15	22.11	22.13	23.00
		1	24	22.15	22.12	22.05	23.00
		12	0	21.17	21.13	21.14	22.00
		12	6	21.12	21.11	21.13	22.00
		12	13	21.15	21.13	21.05	22.00
		25	0	21.15	21.07	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	24.29	24.18	24.25	25.00
		1	25	24.18	24.15	24.14	25.00
		1	49	24.19	24.06	24.14	25.00
		25	0	23.07	23.06	23.06	24.00
		25	13	23.10	23.10	23.16	24.00
		25	25	23.18	23.15	23.12	24.00
		50	0	23.17	23.15	23.09	24.00
	16QAM	1	0	23.14	23.14	23.19	24.00

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		1	25	23.17	23.13	23.06	24.00
		1	49	23.02	23.10	23.05	24.00
		25	0	22.09	22.14	22.13	23.00
		25	13	22.05	22.07	22.08	23.00
		25	25	22.07	22.09	22.11	23.00
		50	0	22.27	22.30	22.31	23.00
	64QAM	1	0	22.23	22.23	22.22	23.00
		1	25	22.10	22.21	22.12	23.00
		1	49	22.15	22.09	22.16	23.00
		25	0	21.14	21.14	21.13	22.00
		25	13	21.17	21.21	21.19	22.00
		25	25	21.12	21.04	21.10	22.00
		50	0	21.12	21.12	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	24.22	24.21	24.26	25.00
		1	38	24.17	24.18	24.17	25.00
		1	74	24.15	24.11	24.15	25.00
		36	0	23.12	23.07	23.08	24.00
		36	18	23.13	23.13	23.09	24.00
		36	39	23.14	23.20	23.23	24.00
		75	0	23.09	23.14	23.16	24.00
	16QAM	1	0	23.23	23.22	23.16	24.00
		1	38	23.16	23.18	23.09	24.00
		1	74	23.08	23.04	23.08	24.00
		36	0	22.19	22.11	22.08	23.00
		36	18	22.10	22.03	22.05	23.00
		36	39	22.14	22.11	22.17	23.00
		75	0	22.22	22.23	22.27	23.00
	64QAM	1	0	22.25	22.30	22.29	23.00
		1	38	22.09	22.17	22.16	23.00
		1	74	22.09	22.08	22.13	23.00
		36	0	21.14	21.09	21.21	22.00
		36	18	21.14	21.18	21.15	22.00
		36	39	21.09	21.15	21.13	22.00
		75	0	21.06	21.07	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.28	24.35	24.26	25.00
		1	50	24.14	24.22	24.18	25.00
		1	99	24.08	24.14	24.06	25.00
		50	0	23.25	23.29	23.24	24.00
		50	25	23.10	23.10	23.15	24.00

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		50	50	23.18	23.11	23.19	24.00
		100	0	23.14	23.37	23.19	24.00
	16QAM	1	0	23.14	23.14	23.18	24.00
		1	50	23.14	23.11	23.12	24.00
		1	99	23.09	23.10	23.10	24.00
		50	0	22.08	22.09	22.15	23.00
		50	25	22.14	22.09	22.05	23.00
		50	50	22.08	22.09	22.17	23.00
		100	0	22.29	22.29	22.28	23.00
		1	0	22.24	22.21	22.22	23.00
	64QAM	1	50	22.14	22.20	22.09	23.00
		1	99	22.11	22.09	22.11	23.00
		50	0	21.13	21.12	21.11	22.00
		50	25	21.18	21.15	21.11	22.00
		50	50	21.10	21.11	21.16	22.00
		100	0	21.16	21.12	21.17	22.00

LTE Band 66 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.28	21.23	21.24	22.00
		1	2	21.22	21.17	21.25	22.00
		1	5	21.21	21.12	21.17	22.00
		3	0	21.20	21.21	21.21	22.00
		3	1	21.29	21.20	21.16	22.00
		3	3	21.27	21.14	21.22	22.00
		6	0	21.15	21.24	21.23	22.00
		1	0	21.21	21.24	21.21	22.00
	16QAM	1	2	21.17	21.23	21.22	22.00
		1	5	21.19	21.13	21.24	22.00
		3	0	21.22	21.19	21.16	22.00
		3	1	21.24	21.20	21.24	22.00
		3	3	21.20	21.27	21.23	22.00
		6	0	21.27	21.15	21.16	22.00
		1	0	21.21	21.27	21.24	22.00
	64QAM	1	2	21.20	21.16	21.16	22.00
		1	5	21.17	21.25	21.22	22.00
		3	0	21.27	21.21	21.16	22.00
		3	1	21.22	21.22	21.17	22.00
		3	3	21.16	21.25	21.22	22.00
		6	0	21.23	21.30	21.19	22.00

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.28	21.21	21.22	22.00
		1	7	21.18	21.19	21.28	22.00
		1	14	21.14	21.18	21.23	22.00
		8	0	21.18	21.17	21.19	22.00
		8	4	21.27	21.18	21.13	22.00
		8	7	21.18	21.20	21.24	22.00
		15	0	21.20	21.27	21.26	22.00
	16QAM	1	0	21.18	21.19	21.24	22.00
		1	7	21.15	21.18	21.22	22.00
		1	14	21.20	21.13	21.22	22.00
		8	0	21.21	21.21	21.16	22.00
		8	4	21.29	21.19	21.17	22.00
		8	7	21.19	21.27	21.26	22.00
		15	0	21.26	21.21	21.18	22.00
	64QAM	1	0	21.21	21.24	21.20	22.00
		1	7	21.21	21.17	21.16	22.00
		1	14	21.17	21.21	21.18	22.00
		8	0	21.23	21.18	21.15	22.00
		8	4	21.25	21.21	21.22	22.00
		8	7	21.17	21.20	21.25	22.00
		15	0	21.23	21.24	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.23	21.24	21.22	22.00
		1	13	21.19	21.16	21.25	22.00
		1	24	21.14	21.17	21.23	22.00
		12	0	21.24	21.19	21.15	22.00
		12	6	21.25	21.18	21.21	22.00
		12	13	21.25	21.22	21.26	22.00
		25	0	21.15	21.23	21.26	22.00
	16QAM	1	0	21.19	21.19	21.21	22.00
		1	13	21.12	21.24	21.25	22.00
		1	24	21.17	21.19	21.22	22.00
		12	0	21.23	21.19	21.16	22.00
		12	6	21.29	21.18	21.25	22.00
		12	13	21.23	21.25	21.20	22.00
		25	0	21.27	21.19	21.21	22.00
	64QAM	1	0	21.15	21.20	21.22	22.00
		1	13	21.20	21.23	21.19	22.00
		1	24	21.21	21.21	21.18	22.00
		12	0	21.19	21.22	21.18	22.00

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		12	6	21.24	21.20	21.16	22.00
		12	13	21.19	21.20	21.22	22.00
		25	0	21.24	21.24	21.23	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.27	21.23	21.20	22.00
		1	25	21.17	21.15	21.21	22.00
		1	49	21.20	21.14	21.18	22.00
		25	0	21.24	21.17	21.16	22.00
		25	13	21.22	21.18	21.19	22.00
		25	25	21.23	21.19	21.23	22.00
		50	0	21.15	21.25	21.26	22.00
	16QAM	1	0	21.21	21.21	21.22	22.00
		1	25	21.21	21.24	21.20	22.00
		1	49	21.20	21.20	21.26	22.00
		25	0	21.20	21.19	21.22	22.00
		25	13	21.28	21.24	21.20	22.00
		25	25	21.26	21.25	21.26	22.00
		50	0	21.26	21.19	21.23	22.00
	64QAM	1	0	21.15	21.23	21.17	22.00
		1	25	21.18	21.19	21.18	22.00
		1	49	21.15	21.26	21.18	22.00
		25	0	21.19	21.18	21.13	22.00
		25	13	21.22	21.20	21.17	22.00
		25	25	21.22	21.24	21.24	22.00
		50	0	21.26	21.21	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.25	21.18	21.25	22.00
		1	38	21.24	21.24	21.22	22.00
		1	74	21.18	21.17	21.24	22.00
		36	0	21.20	21.19	21.15	22.00
		36	18	21.29	21.22	21.14	22.00
		36	39	21.21	21.20	21.29	22.00
		75	0	21.21	21.25	21.27	22.00
	16QAM	1	0	21.19	21.22	21.21	22.00
		1	38	21.16	21.18	21.25	22.00
		1	74	21.17	21.12	21.20	22.00
		36	0	21.20	21.16	21.21	22.00
		36	18	21.27	21.17	21.23	22.00
		36	39	21.22	21.22	21.25	22.00
		75	0	21.27	21.16	21.22	22.00
	64QAM	1	0	21.15	21.22	21.24	22.00

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		1	38	21.17	21.21	21.17	22.00
		1	74	21.21	21.21	21.20	22.00
		36	0	21.21	21.18	21.16	22.00
		36	18	21.28	21.27	21.20	22.00
		36	39	21.17	21.19	21.26	22.00
		75	0	21.19	21.30	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.29	21.38	21.29	22.00
		1	50	21.15	21.18	21.26	22.00
		1	99	21.17	21.13	21.18	22.00
		50	0	21.29	21.35	21.25	22.00
		50	25	21.28	21.20	21.18	22.00
		50	50	21.24	21.18	21.16	22.00
		100	0	21.21	21.29	21.23	22.00
	16QAM	1	0	21.22	21.19	21.19	22.00
		1	50	21.17	21.23	21.19	22.00
		1	99	21.20	21.14	21.19	22.00
		50	0	21.27	21.21	21.17	22.00
		50	25	21.23	21.19	21.17	22.00
		50	50	21.23	21.20	21.28	22.00
		100	0	21.26	21.22	21.23	22.00
	64QAM	1	0	21.20	21.25	21.23	22.00
		1	50	21.15	21.21	21.13	22.00
		1	99	21.17	21.20	21.23	22.00
		50	0	21.25	21.21	21.13	22.00
		50	25	21.24	21.22	21.21	22.00
		50	50	21.21	21.25	21.27	22.00
		100	0	21.19	21.23	21.19	22.00

Ant5:

LTE Band 4 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.16	23.10	23.12	24.00
		1	2	23.13	23.10	23.14	24.00
		1	5	23.12	23.09	23.15	24.00
		3	0	23.12	23.13	23.16	24.00
		3	2	23.12	23.14	23.08	24.00
		3	3	23.10	23.15	23.12	24.00

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	16QAM	6	0	22.04	22.03	22.15	23.00
		1	0	22.09	22.01	22.09	23.00
		1	2	22.02	22.05	22.04	23.00
		1	5	21.92	21.98	21.94	23.00
		3	0	22.16	22.16	22.18	23.00
		3	2	22.14	22.17	22.16	23.00
		3	3	22.09	22.10	22.18	23.00
		6	0	21.12	21.18	21.16	22.00
	64QAM	1	0	21.24	21.20	21.14	22.00
		1	2	21.15	21.01	20.90	22.00
		1	5	21.09	20.93	20.91	22.00
		3	0	21.20	21.23	21.28	22.00
		3	2	21.22	21.28	21.18	22.00
		3	3	21.19	21.29	21.26	22.00
		6	0	19.98	19.96	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.11	23.08	23.07	24.00
		1	7	23.04	23.10	23.15	24.00
		1	14	22.98	23.04	22.98	24.00
		8	0	22.02	22.01	22.05	23.00
		8	4	22.04	21.99	22.03	23.00
		8	7	22.01	22.10	22.04	23.00
		15	0	22.02	21.98	22.00	23.00
	16QAM	1	0	22.09	22.13	22.10	23.00
		1	7	22.00	22.00	22.02	23.00
		1	14	21.90	22.01	22.02	23.00
		8	0	21.08	21.05	21.06	22.00
		8	4	21.03	20.93	21.00	22.00
		8	7	20.97	20.97	20.95	22.00
		15	0	21.13	21.11	21.22	22.00
	64QAM	1	0	21.16	21.17	21.13	22.00
		1	7	21.08	20.99	21.04	22.00
		1	14	21.07	20.97	21.04	22.00
		8	0	20.07	20.04	20.02	21.00
		8	4	20.11	20.00	20.12	21.00
		8	7	19.98	20.05	20.02	21.00
		15	0	19.97	19.98	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.09	23.06	23.07	24.00
		1	13	23.13	23.15	23.10	24.00

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		1	24	23.04	23.02	23.09	24.00
		12	0	21.99	22.05	22.02	23.00
		12	6	22.00	21.97	22.00	23.00
		12	13	22.03	22.13	22.12	23.00
		25	0	21.99	22.05	22.10	23.00
	16QAM	1	0	22.06	22.11	22.04	23.00
		1	13	22.07	22.06	21.98	23.00
		1	24	22.02	21.97	22.00	23.00
		12	0	21.07	21.09	21.02	22.00
		12	6	21.01	20.92	20.92	22.00
	64QAM	12	13	21.01	21.01	20.96	22.00
		25	0	21.16	21.22	21.15	22.00
		1	0	21.12	21.11	21.20	22.00
		1	13	21.10	21.02	21.02	22.00
		1	24	21.05	21.00	21.04	22.00
		12	0	20.08	19.99	20.00	21.00
		12	6	20.04	20.01	20.00	21.00
		12	13	19.95	20.03	20.00	21.00
		25	0	20.02	20.06	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.19	23.17	23.08	24.00
		1	25	23.12	23.08	23.05	24.00
		1	49	23.02	23.05	23.01	24.00
		25	0	21.99	21.99	21.93	23.00
		25	13	22.08	22.03	22.05	23.00
		25	25	22.14	22.03	22.07	23.00
		50	0	22.06	22.03	22.07	23.00
	16QAM	1	0	22.08	22.03	22.14	23.00
		1	25	22.08	21.97	21.97	23.00
		1	49	22.01	21.93	21.92	23.00
		25	0	20.99	21.04	21.02	22.00
		25	13	20.98	21.03	20.99	22.00
		25	25	20.96	21.00	20.96	22.00
		50	0	21.20	21.20	21.15	22.00
	64QAM	1	0	21.12	21.22	21.13	22.00
		1	25	21.00	21.00	20.99	22.00
		1	49	21.04	21.06	21.07	22.00
		25	0	20.09	20.11	20.12	21.00
		25	13	20.05	20.03	20.12	21.00
		25	25	20.05	20.03	20.04	21.00
		50	0	20.03	20.00	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

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				20025	20175	20325	
15MHz	QPSK	1	0	23.09	23.11	23.08	24.00
		1	38	23.16	23.16	23.13	24.00
		1	74	22.99	23.08	22.98	24.00
		36	0	22.04	21.98	22.03	23.00
		36	18	21.97	22.02	22.08	23.00
		36	39	22.13	22.07	22.02	23.00
		75	0	21.99	21.97	22.00	23.00
	16QAM	1	0	22.10	22.14	22.11	23.00
		1	38	21.98	22.05	21.98	23.00
		1	74	22.00	22.00	21.96	23.00
		36	0	21.01	21.09	21.03	22.00
		36	18	21.03	21.00	21.04	22.00
		36	39	20.97	21.04	20.95	22.00
		75	0	21.12	21.20	21.22	22.00
	64QAM	1	0	21.17	21.16	21.15	22.00
		1	38	21.04	21.01	21.02	22.00
		1	74	20.96	20.97	20.98	22.00
		36	0	20.05	20.07	20.00	21.00
		36	18	20.03	20.11	20.11	21.00
		36	39	19.99	19.94	20.04	21.00
		75	0	20.01	20.04	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	23.19	23.24	23.19	24.00
		1	50	23.07	23.13	23.15	24.00
		1	99	23.01	22.97	23.05	24.00
		50	0	22.22	22.26	22.19	23.00
		50	25	22.03	22.01	21.99	23.00
		50	50	22.09	22.07	22.07	23.00
		100	0	22.06	22.20	22.03	23.00
	16QAM	1	0	22.13	22.06	22.10	23.00
		1	50	22.00	22.07	21.99	23.00
		1	99	21.93	21.96	21.92	23.00
		50	0	21.05	21.05	20.98	22.00
		50	25	20.92	21.02	20.95	22.00
		50	50	20.96	21.05	21.03	22.00
		100	0	21.11	21.10	21.15	22.00
	64QAM	1	0	21.20	21.22	21.14	22.00
		1	50	21.12	21.06	21.07	22.00
		1	99	21.05	21.05	21.06	22.00
		50	0	20.01	20.09	20.00	21.00
		50	25	20.12	20.12	20.06	21.00

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		50	50	19.96	20.02	20.03	21.00
		100	0	20.04	19.98	20.09	21.00

LTE Band 4 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.73	22.72	22.79	23.50
		1	2	22.65	22.64	22.69	23.50
		1	5	22.74	22.64	22.73	23.50
		3	0	22.68	22.76	22.72	23.50
		3	2	22.74	22.73	22.69	23.50
		3	3	22.67	22.75	22.71	23.50
		6	0	22.23	22.24	22.15	23.00
	16QAM	1	0	22.20	22.16	22.19	23.00
		1	2	22.17	22.24	22.17	23.00
		1	5	22.21	22.23	22.14	23.00
		3	0	22.28	22.23	22.22	23.00
		3	2	22.20	22.16	22.17	23.00
		3	3	22.18	22.27	22.24	23.00
		6	0	21.23	21.17	21.24	22.00
	64QAM	1	0	21.17	21.25	21.25	22.00
		1	2	21.23	21.25	21.19	22.00
		1	5	21.26	21.26	21.24	22.00
		3	0	21.19	21.15	21.23	22.00
		3	2	21.29	21.21	21.16	22.00
		3	3	21.13	21.17	21.21	22.00
		6	0	20.17	20.18	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.71	22.68	22.65	23.50
		1	7	22.72	22.76	22.73	23.50
		1	14	22.69	22.77	22.74	23.50
		8	0	22.18	22.29	22.15	23.00
		8	4	22.17	22.26	22.22	23.00
		8	7	22.28	22.21	22.20	23.00
		15	0	22.16	22.25	22.24	23.00
	16QAM	1	0	22.30	22.24	22.20	23.00
		1	7	22.25	22.19	22.21	23.00
		1	14	22.13	22.22	22.27	23.00
		8	0	21.19	21.20	21.23	22.00
		8	4	21.21	21.16	21.20	22.00

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	64QAM	8	7	21.21	21.17	21.21	22.00
		15	0	21.22	21.23	21.16	22.00
		1	0	21.22	21.23	21.23	22.00
		1	7	21.18	21.18	21.20	22.00
		1	14	21.22	21.23	21.22	22.00
		8	0	20.21	20.26	20.25	21.00
		8	4	20.24	20.17	20.23	21.00
		8	7	20.18	20.24	20.17	21.00
		15	0	20.21	20.16	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.63	22.65	22.66	23.50
		1	13	22.71	22.75	22.74	23.50
		1	24	22.68	22.73	22.78	23.50
		12	0	22.16	22.24	22.21	23.00
		12	6	22.21	22.19	22.28	23.00
		12	13	22.21	22.23	22.17	23.00
		25	0	22.15	22.26	22.18	23.00
		25	0	22.15	22.26	22.18	23.00
	16QAM	1	0	22.30	22.17	22.21	23.00
		1	13	22.26	22.27	22.20	23.00
		1	24	22.19	22.23	22.20	23.00
		12	0	21.22	21.22	21.30	22.00
		12	6	21.23	21.18	21.25	22.00
		12	13	21.22	21.17	21.26	22.00
		25	0	21.27	21.21	21.13	22.00
		25	0	21.27	21.21	21.13	22.00
	64QAM	1	0	21.16	21.25	21.17	22.00
		1	13	21.20	21.21	21.26	22.00
		1	24	21.27	21.22	21.21	22.00
		12	0	20.17	20.27	20.26	21.00
		12	6	20.23	20.18	20.18	21.00
		12	13	20.16	20.24	20.24	21.00
		25	0	20.19	20.18	20.20	21.00
		25	0	20.19	20.18	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.71	22.65	22.71	23.50
		1	25	22.65	22.70	22.69	23.50
		1	49	22.68	22.75	22.79	23.50
		25	0	22.14	22.25	22.19	23.00
		25	13	22.24	22.24	22.23	23.00
		25	25	22.20	22.21	22.20	23.00
		50	0	22.15	22.27	22.26	23.00
	16QAM	1	0	22.30	22.18	22.21	23.00
		1	25	22.24	22.26	22.17	23.00

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		1	49	22.20	22.19	22.22	23.00
		25	0	21.16	21.27	21.23	22.00
		25	13	21.18	21.14	21.23	22.00
		25	25	21.23	21.18	21.21	22.00
		50	0	21.22	21.17	21.14	22.00
	64QAM	1	0	21.21	21.26	21.15	22.00
		1	25	21.19	21.20	21.24	22.00
		1	49	21.27	21.22	21.21	22.00
		25	0	20.16	20.21	20.24	21.00
		25	13	20.21	20.24	20.25	21.00
		25	25	20.17	20.27	20.23	21.00
		50	0	20.16	20.15	20.25	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.68	22.67	22.71	23.50
		1	38	22.71	22.72	22.68	23.50
		1	74	22.67	22.73	22.79	23.50
		36	0	22.17	22.25	22.20	23.00
		36	18	22.18	22.20	22.26	23.00
		36	39	22.28	22.23	22.20	23.00
		75	0	22.19	22.25	22.25	23.00
	16QAM	1	0	22.28	22.23	22.20	23.00
		1	38	22.22	22.25	22.18	23.00
		1	74	22.15	22.20	22.26	23.00
		36	0	21.14	21.20	21.26	22.00
		36	18	21.18	21.16	21.21	22.00
		36	39	21.20	21.16	21.28	22.00
		75	0	21.25	21.19	21.20	22.00
	64QAM	1	0	21.21	21.20	21.15	22.00
		1	38	21.21	21.22	21.23	22.00
		1	74	21.23	21.18	21.27	22.00
		36	0	20.18	20.21	20.26	21.00
		36	18	20.24	20.21	20.21	21.00
		36	39	20.18	20.21	20.23	21.00
		75	0	20.15	20.15	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.84	22.89	22.79	23.50
		1	50	22.67	22.73	22.66	23.50
		1	99	22.65	22.78	22.76	23.50
		50	0	22.31	22.43	22.38	23.00
		50	25	22.24	22.22	22.26	23.00
		50	50	22.20	22.23	22.24	23.00

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	16QAM	100	0	22.21	22.36	22.24	23.00
		1	0	22.29	22.23	22.24	23.00
		1	50	22.20	22.20	22.17	23.00
		1	99	22.21	22.21	22.26	23.00
		50	0	21.19	21.20	21.29	22.00
		50	25	21.18	21.13	21.26	22.00
		50	50	21.25	21.19	21.22	22.00
		100	0	21.21	21.25	21.16	22.00
	64QAM	1	0	21.20	21.20	21.17	22.00
		1	50	21.23	21.18	21.26	22.00
		1	99	21.18	21.18	21.25	22.00
		50	0	20.20	20.24	20.19	21.00
		50	25	20.23	20.23	20.25	21.00
		50	50	20.20	20.26	20.25	21.00
		100	0	20.21	20.21	20.24	21.00

LTE Band 7 State0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.99	20.96	20.94	22.20
		1	13	20.93	20.88	20.88	22.20
		1	24	20.88	20.88	20.93	22.20
		12	0	19.88	19.80	19.85	21.20
		12	6	19.93	19.80	19.85	21.20
		12	13	19.91	19.89	19.87	21.20
		25	0	19.84	19.89	19.85	21.20
	16QAM	1	0	19.88	19.96	19.90	21.20
		1	13	19.84	19.93	19.81	21.20
		1	24	19.86	19.80	19.78	21.20
		12	0	18.82	18.87	18.87	20.20
		12	6	18.81	18.83	18.88	20.20
		12	13	18.85	18.89	18.86	20.20
		25	0	19.03	19.05	19.00	20.20
	64QAM	1	0	19.02	19.02	18.96	20.20
		1	13	18.94	18.91	18.94	20.20
		1	24	18.92	18.79	18.83	20.20
		12	0	17.85	17.93	17.89	19.20
		12	6	17.93	17.86	17.85	19.20
		12	13	17.78	17.82	17.81	19.20
		25	0	17.90	17.93	17.82	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.02	21.02	20.96	22.20

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		1	25	20.98	20.89	20.97	22.20
		1	49	20.88	20.94	20.93	22.20
		25	0	19.84	19.79	19.87	21.20
		25	13	19.82	19.90	19.92	21.20
		25	25	19.88	19.95	19.90	21.20
		50	0	19.88	19.94	19.93	21.20
	16QAM	1	0	19.99	19.98	19.95	21.20
		1	25	19.85	19.84	19.91	21.20
		1	49	19.86	19.78	19.77	21.20
		25	0	18.88	18.82	18.91	20.20
		25	13	18.80	18.87	18.81	20.20
		25	25	18.87	18.86	18.86	20.20
	64QAM	50	0	19.07	18.99	19.00	20.20
		1	0	19.01	19.00	19.06	20.20
		1	25	18.86	18.93	18.94	20.20
		1	49	18.83	18.82	18.88	20.20
		25	0	17.87	17.90	17.87	19.20
		25	13	17.92	17.95	17.97	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.99	20.98	20.92	22.20
		1	38	20.92	20.98	20.91	22.20
		1	74	20.84	20.86	20.91	22.20
		36	0	19.90	19.89	19.85	21.20
		36	18	19.84	19.82	19.91	21.20
		36	39	19.97	19.96	19.88	21.20
		75	0	19.87	19.93	19.94	21.20
	16QAM	1	0	20.00	19.89	19.94	21.20
		1	38	19.92	19.81	19.89	21.20
		1	74	19.84	19.80	19.80	21.20
		36	0	18.88	18.87	18.83	20.20
		36	18	18.89	18.80	18.85	20.20
		36	39	18.83	18.84	18.83	20.20
		75	0	19.00	19.01	19.01	20.20
	64QAM	1	0	18.98	18.99	19.05	20.20
		1	38	18.91	18.89	18.94	20.20
		1	74	18.82	18.84	18.84	20.20
		36	0	17.95	17.86	17.87	19.20
		36	18	17.94	17.93	17.95	19.20
		36	39	17.82	17.91	17.88	19.20
		75	0	17.89	17.89	17.88	19.20

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.00	21.03	21.01	22.20
		1	50	21.00	20.91	20.95	22.20
		1	99	20.86	20.88	20.93	22.20
		50	0	19.90	19.81	19.87	21.20
		50	25	19.88	19.81	19.91	21.20
		50	50	19.96	19.96	19.86	21.20
		100	0	19.83	19.95	19.90	21.20
	16QAM	1	0	19.98	19.89	19.96	21.20
		1	50	19.82	19.82	19.81	21.20
		1	99	19.76	19.86	19.77	21.20
		50	0	18.85	18.83	18.93	20.20
		50	25	18.82	18.80	18.85	20.20
		50	50	18.82	18.91	18.84	20.20
		100	0	19.07	19.02	18.96	20.20
	64QAM	1	0	19.04	19.06	18.96	20.20
		1	50	18.86	18.86	18.93	20.20
		1	99	18.87	18.80	18.85	20.20
		50	0	17.93	17.90	17.88	19.20
		50	25	17.87	17.90	17.87	19.20
		50	50	17.83	17.82	17.87	19.20
		100	0	17.82	17.92	17.92	19.20

LTE Band 7 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.51	17.49	17.44	18.70
		1	13	17.57	17.49	17.51	18.70
		1	24	17.49	17.54	17.55	18.70
		12	0	17.48	17.57	17.55	18.70
		12	6	17.59	17.53	17.49	18.70
		12	13	17.58	17.51	17.49	18.70
		25	0	17.44	17.49	17.48	18.70
	16QAM	1	0	17.48	17.53	17.49	18.70
		1	13	17.51	17.52	17.57	18.70
		1	24	17.51	17.44	17.51	18.70
		12	0	17.51	17.53	17.46	18.70
		12	6	17.50	17.49	17.49	18.70
		12	13	17.52	17.44	17.46	18.70
		25	0	17.46	17.49	17.48	18.70
	64QAM	1	0	17.53	17.45	17.48	18.70
		1	13	17.56	17.56	17.50	18.70

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		1	24	17.50	17.55	17.49	18.70
		12	0	17.49	17.44	17.49	18.70
		12	6	17.51	17.49	17.43	18.70
		12	13	17.52	17.52	17.47	18.70
		25	0	17.47	17.51	17.53	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.45	17.46	17.50	18.70
		1	25	17.54	17.54	17.55	18.70
		1	49	17.49	17.56	17.56	18.70
		25	0	17.49	17.53	17.49	18.70
		25	13	17.52	17.49	17.54	18.70
		25	25	17.56	17.50	17.53	18.70
		50	0	17.45	17.54	17.50	18.70
	16QAM	1	0	17.50	17.47	17.55	18.70
		1	25	17.44	17.57	17.55	18.70
		1	49	17.51	17.51	17.46	18.70
		25	0	17.50	17.50	17.48	18.70
		25	13	17.58	17.50	17.52	18.70
		25	25	17.52	17.50	17.47	18.70
		50	0	17.48	17.56	17.50	18.70
	64QAM	1	0	17.47	17.46	17.49	18.70
		1	25	17.54	17.51	17.46	18.70
		1	49	17.52	17.51	17.46	18.70
		25	0	17.53	17.49	17.42	18.70
		25	13	17.48	17.55	17.48	18.70
		25	25	17.56	17.57	17.55	18.70
		50	0	17.47	17.51	17.57	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.47	17.52	17.44	18.70
		1	38	17.60	17.52	17.51	18.70
		1	74	17.49	17.47	17.51	18.70
		36	0	17.54	17.56	17.49	18.70
		36	18	17.56	17.47	17.50	18.70
		36	39	17.50	17.54	17.53	18.70
		75	0	17.44	17.52	17.51	18.70
	16QAM	1	0	17.50	17.52	17.51	18.70
		1	38	17.51	17.51	17.50	18.70
		1	74	17.48	17.46	17.51	18.70
		36	0	17.55	17.51	17.47	18.70
		36	18	17.54	17.46	17.54	18.70
		36	39	17.53	17.47	17.50	18.70

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	64QAM	75	0	17.46	17.51	17.53	18.70
		1	0	17.51	17.50	17.53	18.70
		1	38	17.50	17.54	17.52	18.70
		1	74	17.48	17.53	17.44	18.70
		36	0	17.48	17.47	17.44	18.70
		36	18	17.52	17.54	17.51	18.70
		36	39	17.52	17.53	17.53	18.70
		75	0	17.51	17.55	17.51	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.66	17.69	17.68	18.70
		1	50	17.49	17.48	17.55	18.70
		1	99	17.53	17.50	17.54	18.70
		50	0	17.63	17.68	17.67	18.70
		50	25	17.53	17.50	17.51	18.70
		50	50	17.55	17.51	17.50	18.70
		100	0	17.47	17.61	17.46	18.70
	16QAM	1	0	17.48	17.52	17.56	18.70
		1	50	17.45	17.54	17.56	18.70
		1	99	17.44	17.46	17.49	18.70
		50	0	17.48	17.52	17.44	18.70
		50	25	17.54	17.47	17.51	18.70
		50	50	17.53	17.47	17.45	18.70
		100	0	17.47	17.49	17.51	18.70
	64QAM	1	0	17.54	17.47	17.53	18.70
		1	50	17.51	17.50	17.48	18.70
		1	99	17.52	17.52	17.44	18.70
		50	0	17.47	17.48	17.43	18.70
		50	25	17.54	17.49	17.51	18.70
		50	50	17.51	17.58	17.54	18.70
		100	0	17.49	17.49	17.51	18.70

LTE Band 7 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	18.43	18.54	18.52	19.70
		1	13	18.56	18.48	18.55	19.70
		1	24	18.51	18.49	18.51	19.70
		12	0	18.52	18.57	18.50	19.70
		12	6	18.48	18.58	18.57	19.70
		12	13	18.44	18.48	18.54	19.70
		25	0	18.49	18.50	18.49	19.70
	16QAM	1	0	18.51	18.47	18.52	19.70

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		1	13	18.56	18.46	18.52	19.70
		1	24	18.54	18.48	18.47	19.70
		12	0	18.49	18.54	18.46	19.70
		12	6	18.49	18.56	18.53	19.70
		12	13	18.47	18.53	18.43	19.70
		25	0	18.53	18.46	18.54	19.70
	64QAM	1	0	18.54	18.59	18.52	19.70
		1	13	18.52	18.44	18.43	19.70
		1	24	18.56	18.49	18.49	19.70
		12	0	17.93	18.06	18.03	19.20
		12	6	17.96	18.01	17.93	19.20
		12	13	17.98	18.00	17.99	19.20
		25	0	17.93	17.97	18.04	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.49	18.56	18.59	19.70
		1	25	18.58	18.52	18.54	19.70
		1	49	18.52	18.54	18.52	19.70
		25	0	18.55	18.53	18.55	19.70
		25	13	18.50	18.54	18.59	19.70
		25	25	18.48	18.53	18.51	19.70
		50	0	18.54	18.47	18.51	19.70
		1	0	18.51	18.51	18.49	19.70
		1	25	18.56	18.49	18.54	19.70
		1	49	18.54	18.49	18.50	19.70
		25	0	18.57	18.51	18.48	19.70
		25	13	18.53	18.48	18.52	19.70
	16QAM	25	25	18.55	18.53	18.47	19.70
		50	0	18.51	18.53	18.55	19.70
		1	0	18.60	18.55	18.46	19.70
		1	25	18.52	18.46	18.44	19.70
		1	49	18.51	18.51	18.51	19.70
		25	0	17.96	18.06	18.07	19.20
	64QAM	25	13	18.04	17.98	17.97	19.20
		25	25	17.93	17.93	17.96	19.20
		50	0	17.96	18.02	18.03	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.44	18.47	18.55	19.70
		1	38	18.53	18.47	18.56	19.70
		1	74	18.53	18.55	18.53	19.70
		36	0	18.53	18.54	18.50	19.70
		36	18	18.48	18.50	18.53	19.70

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		36	39	18.47	18.52	18.48	19.70
		75	0	18.55	18.48	18.49	19.70
	16QAM	1	0	18.53	18.48	18.46	19.70
		1	38	18.60	18.48	18.51	19.70
		1	74	18.50	18.50	18.48	19.70
		36	0	18.56	18.48	18.46	19.70
		36	18	18.51	18.54	18.51	19.70
		36	39	18.52	18.52	18.46	19.70
		75	0	18.47	18.47	18.49	19.70
	64QAM	1	0	18.53	18.54	18.46	19.70
		1	38	18.50	18.46	18.47	19.70
		1	74	18.55	18.50	18.47	19.70
		36	0	17.98	18.04	18.07	19.20
		36	18	17.97	17.95	17.96	19.20
		36	39	17.93	18.00	17.96	19.20
		75	0	17.98	17.94	18.02	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.65	18.68	18.64	19.70
		1	50	18.54	18.50	18.54	19.70
		1	99	18.55	18.49	18.55	19.70
		50	0	18.61	18.62	18.58	19.70
		50	25	18.48	18.52	18.50	19.70
		50	50	18.44	18.46	18.48	19.70
		100	0	18.52	18.67	18.52	19.70
	16QAM	1	0	18.52	18.47	18.46	19.70
		1	50	18.53	18.50	18.51	19.70
		1	99	18.58	18.50	18.44	19.70
		50	0	18.57	18.54	18.50	19.70
		50	25	18.50	18.49	18.47	19.70
		50	50	18.49	18.46	18.51	19.70
		100	0	18.52	18.52	18.47	19.70
	64QAM	1	0	18.52	18.53	18.51	19.70
		1	50	18.51	18.46	18.51	19.70
		1	99	18.52	18.52	18.50	19.70
		50	0	17.98	18.00	18.04	19.20
		50	25	17.98	17.96	17.99	19.20
		50	50	17.99	17.93	17.96	19.20
		100	0	17.94	18.00	18.00	19.20

LTE Band 38 State0 State3 State5 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	

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5MHz	QPSK	1	0	21.00	21.08	21.06	22.50
		1	13	21.04	21.00	21.01	22.50
		1	24	20.91	20.99	20.97	22.50
		12	0	19.83	19.93	19.85	21.50
		12	6	19.90	19.88	19.92	21.50
		12	13	19.92	20.01	20.02	21.50
		25	0	19.87	19.98	19.96	21.50
	16QAM	1	0	19.98	19.95	19.94	21.50
		1	13	19.85	19.90	19.91	21.50
		1	24	19.83	19.92	19.83	21.50
		12	0	18.90	18.98	18.96	20.50
		12	6	18.94	18.85	18.87	20.50
		12	13	18.97	18.90	18.91	20.50
		25	0	19.03	19.13	19.04	20.50
	64QAM	1	0	19.08	19.05	19.01	20.50
		1	13	18.90	18.93	18.98	20.50
		1	24	18.86	18.94	18.93	20.50
		12	0	17.90	17.96	17.94	19.50
		12	6	17.92	17.98	17.94	19.50
		12	13	17.91	17.84	17.87	19.50
		25	0	17.88	17.90	17.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	21.06	21.09	20.98	22.50
		1	25	20.97	20.93	20.96	22.50
		1	49	20.88	20.97	20.89	22.50
		25	0	19.83	19.92	19.85	21.50
		25	13	19.94	19.88	19.96	21.50
		25	25	20.02	19.92	19.98	21.50
		50	0	19.91	19.99	19.99	21.50
	16QAM	1	0	20.02	19.93	20.01	21.50
		1	25	19.94	19.97	19.93	21.50
		1	49	19.87	19.86	19.81	21.50
		25	0	18.97	18.92	18.99	20.50
		25	13	18.83	18.82	18.90	20.50
		25	25	18.90	18.97	18.93	20.50
		50	0	19.09	19.03	19.07	20.50
	64QAM	1	0	19.05	19.10	19.07	20.50
		1	25	18.98	18.95	18.97	20.50
		1	49	18.85	18.84	18.87	20.50
		25	0	17.92	17.95	17.91	19.50
		25	13	17.99	17.91	18.00	19.50
		25	25	17.92	17.89	17.86	19.50

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		50	0	17.91	17.96	17.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.00	21.07	21.09	22.50
		1	38	21.04	20.93	20.93	22.50
		1	74	20.89	20.90	20.91	22.50
		36	0	19.90	19.89	19.88	21.50
		36	18	19.86	19.88	19.93	21.50
		36	39	19.96	20.00	19.97	21.50
		75	0	19.93	19.97	19.96	21.50
	16QAM	1	0	19.92	19.99	19.97	21.50
		1	38	19.98	19.91	19.89	21.50
		1	74	19.89	19.88	19.88	21.50
		36	0	18.92	18.95	18.96	20.50
		36	18	18.89	18.81	18.89	20.50
		36	39	18.85	18.93	18.89	20.50
		75	0	19.10	19.09	19.03	20.50
	64QAM	1	0	19.09	19.03	19.05	20.50
		1	38	18.90	18.98	18.95	20.50
		1	74	18.88	18.96	18.86	20.50
		36	0	17.97	17.99	18.00	19.50
		36	18	17.98	17.98	18.02	19.50
		36	39	17.94	17.90	17.95	19.50
		75	0	17.96	17.97	17.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.07	21.11	21.02	22.50
		1	50	21.05	20.93	21.00	22.50
		1	99	20.88	20.99	20.92	22.50
		50	0	19.98	20.02	20.01	21.50
		50	25	19.92	19.97	19.98	21.50
		50	50	19.94	19.99	20.02	21.50
		100	0	20.00	20.03	20.00	21.50
	16QAM	1	0	19.98	19.98	19.97	21.50
		1	50	19.93	19.97	19.94	21.50
		1	99	19.81	19.90	19.85	21.50
		50	0	18.87	18.96	18.96	20.50
		50	25	18.81	18.91	18.91	20.50
		50	50	18.95	18.91	18.91	20.50
		100	0	19.03	19.12	19.04	20.50
	64QAM	1	0	19.08	19.04	19.01	20.50
		1	50	19.01	18.93	18.92	20.50
		1	99	18.85	18.89	18.89	20.50

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		50	0	17.90	17.92	17.97	19.50
		50	25	17.91	17.96	17.99	19.50
		50	50	17.93	17.85	17.91	19.50
		100	0	17.90	17.90	17.88	19.50

LTE Band 41 State0 State3 State5 State8				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	22.39	21.93	21.58	21.15	20.77	22.50
		1	13	22.30	21.97	21.64	21.21	20.83	22.50
		1	24	22.39	21.85	21.40	21.08	20.56	22.50
		12	0	21.23	20.87	20.50	20.09	19.71	21.50
		12	6	21.31	20.89	20.52	20.07	19.61	21.50
		12	13	21.28	20.91	20.41	19.95	19.60	21.50
		25	0	21.28	20.98	20.56	20.02	19.66	21.50
	16QAM	1	0	21.40	21.07	20.68	20.27	19.85	21.50
		1	13	21.28	20.86	20.42	19.97	19.59	21.50
		1	24	21.23	20.89	20.50	20.17	19.80	21.50
		12	0	20.33	19.95	19.42	19.08	18.60	20.50
		12	6	20.20	19.85	19.41	18.95	18.67	20.50
		12	13	20.25	19.92	19.46	19.11	18.68	20.50
		25	0	20.42	20.06	19.60	19.13	18.72	20.50
	64QAM	1	0	20.32	20.00	19.62	19.27	18.76	20.50
		1	13	20.31	19.83	19.44	18.98	18.61	20.50
		1	24	20.25	19.93	19.44	19.06	18.57	20.50
		12	0	19.40	18.94	18.45	18.09	17.60	19.50
		12	6	19.41	18.85	18.57	18.11	17.69	19.50
		12	13	19.26	18.80	18.44	18.04	17.63	19.50
		25	0	19.32	18.86	18.48	18.01	17.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	22.29	22.01	21.58	21.21	20.81	22.50
		1	25	22.28	21.95	21.68	21.16	20.82	22.50
		1	49	22.32	21.89	21.40	21.06	20.64	22.50
		25	0	21.31	20.84	20.47	20.09	19.69	21.50
		25	13	21.26	20.79	20.49	20.00	19.66	21.50
		25	25	21.29	20.91	20.39	20.06	19.65	21.50
		50	0	21.35	20.97	20.50	20.09	19.66	21.50
	16QAM	1	0	21.39	21.00	20.71	20.16	19.81	21.50
		1	25	21.32	20.83	20.37	19.99	19.58	21.50
		1	49	21.31	20.91	20.56	20.13	19.76	21.50
		25	0	20.29	19.94	19.37	19.08	18.62	20.50
		25	13	20.27	19.77	19.45	18.96	18.62	20.50

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	64QAM	25	25	20.24	19.90	19.44	19.03	18.64	20.50
		50	0	20.32	20.01	19.57	19.11	18.63	20.50
		1	0	20.45	19.97	19.71	19.31	18.87	20.50
		1	25	20.25	19.87	19.42	19.02	18.61	20.50
		1	49	20.23	19.84	19.41	19.05	18.61	20.50
		25	0	19.35	18.88	18.51	18.07	17.62	19.50
		25	13	19.30	18.82	18.49	18.16	17.72	19.50
		25	25	19.28	18.72	18.39	18.10	17.66	19.50
		50	0	19.32	18.93	18.46	18.05	17.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	39725	40173	40620	41068	41515	
		1	38	22.33	22.04	21.68	21.26	20.96	22.50
		1	74	22.30	21.99	21.66	21.24	20.84	22.50
		1	74	22.35	21.82	21.46	21.07	20.57	22.50
		36	0	21.34	20.93	20.52	20.08	19.67	21.50
		36	18	21.22	20.89	20.49	20.01	19.59	21.50
		36	39	21.32	20.81	20.50	19.97	19.64	21.50
	16QAM	75	0	21.33	20.96	20.54	20.06	19.69	21.50
		1	0	21.39	21.11	20.71	20.24	19.81	21.50
		1	38	21.25	20.86	20.46	20.00	19.59	21.50
		1	74	21.32	20.99	20.57	20.23	19.72	21.50
		36	0	20.30	19.85	19.47	19.09	18.56	20.50
		36	18	20.22	19.82	19.43	19.01	18.58	20.50
		36	39	20.23	19.89	19.53	19.12	18.62	20.50
	64QAM	75	0	20.44	20.03	19.57	19.11	18.69	20.50
		1	0	20.50	20.07	19.67	19.25	18.78	20.50
		1	38	20.32	19.80	19.43	19.05	18.59	20.50
		1	74	20.33	19.83	19.39	19.02	18.55	20.50
		36	0	19.35	18.90	18.50	18.01	17.68	19.50
		36	18	19.32	18.90	18.47	18.19	17.68	19.50
		36	39	19.22	18.76	18.36	17.97	17.71	19.50
		75	0	19.36	18.88	18.44	18.03	17.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	39750	40185	40620	41055	41490	
		1	50	22.41	21.99	21.58	21.29	20.88	22.50
		1	99	22.31	21.97	21.57	21.22	20.84	22.50
		1	99	22.34	21.83	21.47	21.06	20.54	22.50
		50	0	21.36	20.93	20.55	20.06	19.73	21.50
		50	25	21.26	20.80	20.49	19.97	19.65	21.50
		50	50	21.32	20.89	20.48	20.02	19.70	21.50
	16QAM	100	0	21.39	20.95	20.54	20.07	19.73	21.50
		1	0	21.46	21.00	20.68	20.23	19.88	21.50
		1	50	21.31	20.85	20.39	20.00	19.54	21.50

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		1	99	21.26	20.92	20.57	20.23	19.81	21.50
		50	0	20.36	19.92	19.41	19.09	18.59	20.50
		50	25	20.19	19.80	19.46	18.98	18.67	20.50
		50	50	20.24	19.80	19.45	19.01	18.71	20.50
		100	0	20.21	19.98	19.53	19.19	18.74	20.50
	64QAM	1	0	20.50	20.01	19.65	19.33	18.83	20.50
		1	50	20.28	19.87	19.41	19.03	18.63	20.50
		1	99	20.23	19.96	19.46	19.05	18.56	20.50
		50	0	19.35	18.91	18.50	18.13	17.64	19.50
		50	25	19.38	18.86	18.47	18.12	17.76	19.50
		50	50	19.26	18.73	18.47	17.99	17.60	19.50
		100	0	19.39	18.94	18.50	18.06	17.62	19.50

LTE Band 66 State0 State5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.22	23.25	23.18	24.00
		1	2	23.22	23.27	23.27	24.00
		1	5	23.21	23.22	23.23	24.00
		3	0	23.18	23.18	23.27	24.00
		3	1	23.25	23.26	23.20	24.00
		3	3	23.23	23.25	23.29	24.00
		6	0	22.11	22.07	22.26	23.00
	16QAM	1	0	22.12	22.12	22.24	23.00
		1	2	22.11	22.07	22.15	23.00
		1	5	22.00	22.17	22.02	23.00
		3	0	22.18	22.22	22.19	23.00
		3	1	22.18	22.18	22.18	23.00
		3	3	22.21	22.22	22.27	23.00
		6	0	21.19	21.35	21.21	22.00
	64QAM	1	0	21.31	21.22	21.24	22.00
		1	2	21.19	21.15	21.07	22.00
		1	5	21.28	21.09	21.03	22.00
		3	0	21.32	21.39	21.30	22.00
		3	1	21.27	21.33	21.32	22.00
		3	3	21.36	21.28	21.28	22.00
		6	0	20.12	20.08	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.14	23.27	23.19	24.00
		1	7	23.29	23.21	23.26	24.00
		1	14	23.11	23.19	23.20	24.00
		8	0	22.08	22.12	22.12	23.00

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		8	4	22.27	22.14	22.18	23.00
		8	7	22.18	22.21	22.28	23.00
		15	0	22.15	22.16	22.29	23.00
	16QAM	1	0	22.19	22.17	22.23	23.00
		1	7	22.13	22.17	22.13	23.00
		1	14	22.02	22.18	22.09	23.00
		8	0	21.02	21.22	21.18	22.00
		8	4	21.07	21.07	21.15	22.00
		8	7	21.15	21.06	21.15	22.00
		15	0	21.23	21.39	21.26	22.00
	64QAM	1	0	21.37	21.29	21.30	22.00
		1	7	21.28	21.16	21.08	22.00
		1	14	21.29	21.08	21.11	22.00
		8	0	20.19	20.18	20.11	21.00
		8	4	20.18	20.18	20.21	21.00
		8	7	20.18	20.05	20.09	21.00
		15	0	20.14	20.07	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.15	23.28	23.19	24.00
		1	13	23.29	23.22	23.25	24.00
		1	24	23.10	23.21	23.19	24.00
		12	0	22.07	22.11	22.14	23.00
		12	6	22.25	22.15	22.17	23.00
		12	13	22.17	22.22	22.28	23.00
		25	0	22.15	22.15	22.28	23.00
	16QAM	1	0	22.17	22.14	22.26	23.00
		1	13	22.13	22.15	22.14	23.00
		1	24	22.05	22.17	22.06	23.00
		12	0	21.04	21.22	21.16	22.00
		12	6	21.09	21.07	21.15	22.00
		12	13	21.17	21.07	21.15	22.00
		25	0	21.22	21.38	21.28	22.00
	64QAM	1	0	21.35	21.30	21.29	22.00
		1	13	21.28	21.14	21.07	22.00
		1	24	21.29	21.07	21.10	22.00
		12	0	20.19	20.15	20.14	21.00
		12	6	20.19	20.17	20.20	21.00
		12	13	20.18	20.05	20.09	21.00
		25	0	20.16	20.07	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.16	23.26	23.20	24.00

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		1	25	23.27	23.19	23.27	24.00	
		1	49	23.12	23.22	23.18	24.00	
		25	0	22.10	22.11	22.15	23.00	
		25	13	22.27	22.16	22.18	23.00	
		25	25	22.18	22.22	22.25	23.00	
		50	0	22.16	22.16	22.27	23.00	
		16QAM	1	0	22.17	22.15	22.26	23.00
			1	25	22.14	22.17	22.14	23.00
			1	49	22.03	22.18	22.06	23.00
			25	0	21.05	21.20	21.17	22.00
			25	13	21.08	21.08	21.13	22.00
			25	25	21.16	21.06	21.14	22.00
	50	0	21.23	21.37	21.28	22.00		
	64QAM	1	0	21.36	21.30	21.31	22.00	
		1	25	21.28	21.13	21.09	22.00	
		1	49	21.31	21.07	21.10	22.00	
		25	0	20.17	20.16	20.11	21.00	
		25	13	20.18	20.20	20.20	21.00	
		25	25	20.18	20.03	20.07	21.00	
		50	0	20.14	20.09	20.11	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz	QPSK	1	0	23.15	23.27	23.19	24.00	
		1	38	23.28	23.20	23.26	24.00	
		1	74	23.10	23.22	23.19	24.00	
		36	0	22.10	22.11	22.14	23.00	
		36	18	22.27	22.16	22.18	23.00	
		36	39	22.19	22.22	22.26	23.00	
		75	0	22.16	22.15	22.26	23.00	
	16QAM	1	0	22.19	22.15	22.25	23.00	
		1	38	22.14	22.16	22.16	23.00	
		1	74	22.03	22.18	22.08	23.00	
		36	0	21.05	21.21	21.17	22.00	
		36	18	21.09	21.06	21.14	22.00	
		36	39	21.16	21.07	21.16	22.00	
		75	0	21.23	21.38	21.27	22.00	
	64QAM	1	0	21.34	21.30	21.28	22.00	
		1	38	21.30	21.13	21.07	22.00	
		1	74	21.30	21.08	21.11	22.00	
		36	0	20.19	20.16	20.12	21.00	
		36	18	20.19	20.19	20.21	21.00	
		36	39	20.19	20.03	20.08	21.00	
		75	0	20.14	20.10	20.11	21.00	

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.28	23.29	23.27	24.00
		1	50	23.27	23.21	23.26	24.00
		1	99	23.10	23.21	23.17	24.00
		50	0	22.28	22.33	22.31	23.00
		50	25	22.26	22.13	22.16	23.00
		50	50	22.18	22.21	22.28	23.00
		100	0	22.14	22.28	22.26	23.00
	16QAM	1	0	22.17	22.16	22.23	23.00
		1	50	22.15	22.17	22.14	23.00
		1	99	22.03	22.19	22.08	23.00
		50	0	21.02	21.19	21.18	22.00
		50	25	21.09	21.07	21.14	22.00
		50	50	21.16	21.08	21.15	22.00
		100	0	21.23	21.38	21.29	22.00
	64QAM	1	0	21.36	21.30	21.29	22.00
		1	50	21.28	21.14	21.07	22.00
		1	99	21.28	21.09	21.11	22.00
		50	0	20.19	20.17	20.13	21.00
		50	25	20.19	20.17	20.22	21.00
		50	50	20.17	20.04	20.09	21.00
		100	0	20.14	20.10	20.12	21.00

LTE Band 66 State3 State8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.71	22.80	22.70	23.50
		1	2	22.75	22.76	22.78	23.50
		1	5	22.81	22.82	22.74	23.50
		3	0	22.78	22.73	22.81	23.50
		3	1	22.74	22.74	22.72	23.50
		3	3	22.81	22.81	22.79	23.50
		6	0	22.33	22.19	22.28	23.00
	16QAM	1	0	22.20	22.25	22.32	23.00
		1	2	22.30	22.23	22.21	23.00
		1	5	22.30	22.25	22.31	23.00
		3	0	22.25	22.28	22.26	23.00
		3	1	22.21	22.23	22.19	23.00
		3	3	22.25	22.23	22.23	23.00
		6	0	21.26	21.31	21.33	22.00
	64QAM	1	0	21.28	21.25	21.29	22.00
		1	2	21.22	21.25	21.22	22.00

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		1	5	21.31	21.28	21.24	22.00
		3	0	21.22	21.22	21.23	22.00
		3	1	21.23	21.30	21.26	22.00
		3	3	21.31	21.23	21.33	22.00
		6	0	20.25	20.30	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.79	22.73	22.72	23.50
		1	7	22.71	22.77	22.77	23.50
		1	14	22.75	22.71	22.69	23.50
		8	0	22.26	22.28	22.21	23.00
		8	4	22.21	22.25	22.20	23.00
		8	7	22.19	22.26	22.23	23.00
		15	0	22.31	22.19	22.22	23.00
	16QAM	1	0	22.25	22.20	22.25	23.00
		1	7	22.18	22.29	22.21	23.00
		1	14	22.19	22.20	22.26	23.00
		8	0	21.26	21.21	21.25	22.00
		8	4	21.26	21.22	21.19	22.00
		8	7	21.17	21.24	21.16	22.00
		15	0	21.31	21.24	21.24	22.00
	64QAM	1	0	21.24	21.26	21.28	22.00
		1	7	21.21	21.18	21.23	22.00
		1	14	21.25	21.22	21.23	22.00
		8	0	20.23	20.25	20.22	21.00
		8	4	20.25	20.26	20.23	21.00
		8	7	20.24	20.26	20.25	21.00
		15	0	20.21	20.26	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.74	22.70	22.71	23.50
		1	13	22.70	22.77	22.81	23.50
		1	24	22.67	22.67	22.70	23.50
		12	0	22.29	22.25	22.24	23.00
		12	6	22.24	22.22	22.21	23.00
		12	13	22.24	22.25	22.21	23.00
		25	0	22.24	22.20	22.24	23.00
	16QAM	1	0	22.22	22.29	22.23	23.00
		1	13	22.17	22.24	22.22	23.00
		1	24	22.22	22.21	22.31	23.00
		12	0	21.27	21.20	21.20	22.00
		12	6	21.29	21.30	21.21	22.00
		12	13	21.21	21.20	21.20	22.00

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	64QAM	25	0	21.26	21.27	21.23	22.00
		1	0	21.22	21.28	21.26	22.00
		1	13	21.22	21.21	21.23	22.00
		1	24	21.21	21.19	21.17	22.00
		12	0	20.24	20.25	20.25	21.00
		12	6	20.21	20.23	20.23	21.00
		12	13	20.18	20.22	20.19	21.00
		25	0	20.24	20.26	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.78	22.71	22.74	23.50
		1	25	22.73	22.71	22.73	23.50
		1	49	22.67	22.71	22.76	23.50
		25	0	22.26	22.26	22.27	23.00
		25	13	22.19	22.26	22.17	23.00
		25	25	22.20	22.19	22.21	23.00
		50	0	22.24	22.22	22.17	23.00
	16QAM	1	0	22.28	22.22	22.21	23.00
		1	25	22.17	22.24	22.19	23.00
		1	49	22.22	22.19	22.24	23.00
		25	0	21.29	21.18	21.22	22.00
		25	13	21.22	21.22	21.27	22.00
		25	25	21.21	21.17	21.22	22.00
		50	0	21.25	21.30	21.23	22.00
	64QAM	1	0	21.24	21.22	21.31	22.00
		1	25	21.21	21.22	21.22	22.00
		1	49	21.22	21.24	21.21	22.00
		25	0	20.21	20.27	20.22	21.00
		25	13	20.22	20.29	20.26	21.00
		25	25	20.24	20.20	20.22	21.00
		50	0	20.24	20.25	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.72	22.77	22.75	23.50
		1	38	22.72	22.77	22.81	23.50
		1	74	22.73	22.66	22.75	23.50
		36	0	22.21	22.29	22.24	23.00
		36	18	22.21	22.24	22.23	23.00
		36	39	22.21	22.27	22.20	23.00
		75	0	22.29	22.17	22.24	23.00
	16QAM	1	0	22.27	22.23	22.22	23.00
		1	38	22.19	22.22	22.19	23.00
		1	74	22.22	22.19	22.26	23.00

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		36	0	21.28	21.15	21.27	22.00
		36	18	21.25	21.26	21.21	22.00
		36	39	21.22	21.16	21.21	22.00
		75	0	21.23	21.28	21.23	22.00
	64QAM	1	0	21.24	21.26	21.24	22.00
		1	38	21.22	21.20	21.22	22.00
		1	74	21.24	21.20	21.21	22.00
		36	0	20.20	20.23	20.27	21.00
		36	18	20.18	20.30	20.30	21.00
		36	39	20.17	20.21	20.19	21.00
		75	0	20.20	20.20	20.25	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.76	22.84	22.79	23.50
		1	50	22.70	22.72	22.76	23.50
		1	99	22.70	22.71	22.73	23.50
		50	0	22.26	22.32	22.29	23.00
		50	25	22.24	22.21	22.22	23.00
		50	50	22.22	22.22	22.26	23.00
		100	0	22.30	22.33	22.25	23.00
	16QAM	1	0	22.29	22.26	22.24	23.00
		1	50	22.18	22.26	22.25	23.00
		1	99	22.25	22.19	22.25	23.00
		50	0	21.28	21.21	21.23	22.00
		50	25	21.31	21.26	21.26	22.00
		50	50	21.23	21.21	21.24	22.00
		100	0	21.28	21.23	21.23	22.00
	64QAM	1	0	21.27	21.27	21.31	22.00
		1	50	21.18	21.21	21.28	22.00
		1	99	21.20	21.23	21.22	22.00
		50	0	20.24	20.19	20.30	21.00
		50	25	20.23	20.24	20.27	21.00
		50	50	20.19	20.22	20.23	21.00
		100	0	20.21	20.19	20.27	21.00

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4. Conducted Power of LTE UL_CA

Ant1:

CA_4C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	22.86	24.00
20175	19977	QPSK	1	0	1	99	2	0	22.87	24.00
20300	20102	QPSK	1	0	1	99	2	0	22.89	24.00
20050	20248	QPSK	50	49	50	0	2	1	21.86	23.00
20175	19977	QPSK	50	0	50	49	2	1	21.73	23.00
20300	20102	QPSK	50	0	50	49	2	1	21.86	23.00

CA_4C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	20.28	21.50
20175	19977	QPSK	1	0	1	99	2	0	20.35	21.50
20300	20102	QPSK	1	0	1	99	2	0	20.34	21.50
20050	20248	QPSK	50	49	50	0	2	0	20.29	21.50
20175	19977	QPSK	50	0	50	49	2	0	20.28	21.50
20300	20102	QPSK	50	0	50	49	2	0	20.31	21.50

CA_4C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				

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20050	20248	QPSK	1	99	1	0	1	0	15.72	17.00
20175	19977	QPSK	1	0	1	99	2	0	15.90	17.00
20300	20102	QPSK	1	0	1	99	2	0	15.67	17.00
20050	20248	QPSK	50	49	50	0	2	0	15.81	17.00
20175	19977	QPSK	50	0	50	49	2	0	15.79	17.00
20300	20102	QPSK	50	0	50	49	2	0	15.73	17.00

CA_7C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	23.00	23.70
21100	20902	QPSK	1	0	1	99	2	0	22.99	23.70
21350	21152	QPSK	1	0	1	99	2	0	22.87	23.70
20850	21048	QPSK	50	49	50	0	2	1	21.94	22.70
21100	20902	QPSK	50	0	50	49	2	1	21.90	22.70
21350	21152	QPSK	50	0	50	49	2	1	22.01	22.70

CA_7C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	18.03	18.70
21100	20902	QPSK	1	0	1	99	2	0	18.06	18.70
21350	21152	QPSK	1	0	1	99	2	0	18.00	18.70
20850	21048	QPSK	50	49	50	0	2	0	18.04	18.70
21100	20902	QPSK	50	0	50	49	2	0	18.06	18.70
21350	21152	QPSK	50	0	50	49	2	0	17.91	18.70

CA_7C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										

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PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	13.44	14.20
21100	20902	QPSK	1	0	1	99	2	0	13.65	14.20
21350	21152	QPSK	1	0	1	99	2	0	13.45	14.20
20850	21048	QPSK	50	49	50	0	2	0	13.47	14.20
21100	20902	QPSK	50	0	50	49	2	0	13.47	14.20
21350	21152	QPSK	50	0	50	49	2	0	13.48	14.20

CA_38C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	22.93	24.00
38099	37901	QPSK	1	0	1	99	2	0	23.00	24.00
38150	37952	QPSK	1	0	1	99	2	0	22.97	24.00
37850	38048	QPSK	50	49	50	0	2	1	21.83	23.00
38099	37901	QPSK	50	0	50	49	2	1	21.93	23.00
38150	37952	QPSK	50	0	50	49	2	1	22.04	23.00

CA_38C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	19.53	20.50
38099	37901	QPSK	1	0	1	99	2	0	19.54	20.50
38150	37952	QPSK	1	0	1	99	2	0	19.55	20.50
37850	38048	QPSK	50	49	50	0	2	0	19.47	20.50

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38099	37901	QPSK	50	0	50	49	2	0	19.59	20.50
38150	37952	QPSK	50	0	50	49	2	0	19.45	20.50

CA_38C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	15.56	16.50
38099	37901	QPSK	1	0	1	99	2	0	15.65	16.50
38150	37952	QPSK	1	0	1	99	2	0	15.40	16.50
37850	38048	QPSK	50	49	50	0	2	0	15.38	16.50
38099	37901	QPSK	50	0	50	49	2	0	15.51	16.50
38150	37952	QPSK	50	0	50	49	2	0	15.46	16.50

CA_41C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	23.91	24.00
40185	39987	QPSK	1	0	1	99	2	0	23.44	24.00
40620	40422	QPSK	1	0	1	99	2	0	22.80	24.00
41055	40857	QPSK	1	0	1	99	2	0	22.34	24.00
41490	41292	QPSK	1	0	1	99	2	0	22.34	24.00
39750	39948	QPSK	50	49	50	0	2	0	22.79	23.00
40185	39987	QPSK	50	0	50	49	2	0	22.51	23.00
40620	40422	QPSK	50	0	50	49	2	0	21.96	23.00
41055	40857	QPSK	50	0	50	49	2	0	21.54	23.00
41490	41292	QPSK	50	0	50	49	2	0	21.53	23.00

CA_41C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										

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PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.28	20.50
40185	39987	QPSK	1	0	1	99	2	0	19.95	20.50
40620	40422	QPSK	1	0	1	99	2	0	19.65	20.50
41055	40857	QPSK	1	0	1	99	2	0	19.15	20.50
41490	41292	QPSK	1	0	1	99	2	0	19.07	20.50
39750	39948	QPSK	50	49	50	0	2	0	20.08	20.50
40185	39987	QPSK	50	0	50	49	2	0	19.91	20.50
40620	40422	QPSK	50	0	50	49	2	0	19.60	20.50
41055	40857	QPSK	50	0	50	49	2	0	19.21	20.50
41490	41292	QPSK	50	0	50	49	2	0	19.10	20.50

CA_41C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	16.33	16.50
40185	39987	QPSK	1	0	1	99	2	0	15.90	16.50
40620	40422	QPSK	1	0	1	99	2	0	15.52	16.50
41055	40857	QPSK	1	0	1	99	2	0	15.22	16.50
41490	41292	QPSK	1	0	1	99	2	0	15.07	16.50
39750	39948	QPSK	50	49	50	0	2	0	16.15	16.50
40185	39987	QPSK	50	0	50	49	2	0	15.77	16.50
40620	40422	QPSK	50	0	50	49	2	0	15.56	16.50
41055	40857	QPSK	50	0	50	49	2	0	15.21	16.50
41490	41292	QPSK	50	0	50	49	2	0	15.01	16.50

CA_66C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
		Modulation	PCC		SCC					

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PCC Channel	SCC Channel		RB Size	RB offset	RB Size	RB offset	Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
132072	132270	QPSK	1	99	1	0	1	0	23.27	24.50
132322	132124	QPSK	1	0	1	99	2	0	23.24	24.50
132572	132374	QPSK	1	0	1	99	2	0	23.35	24.50
132072	132270	QPSK	50	49	50	0	2	1	22.34	23.50
132322	132124	QPSK	50	0	50	49	2	1	22.23	23.50
132572	132374	QPSK	50	0	50	49	2	1	22.39	23.50

CA_66C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	21.73	23.00
132322	132124	QPSK	1	0	1	99	2	0	21.98	23.00
132572	132374	QPSK	1	0	1	99	2	0	21.68	23.00
132072	132270	QPSK	50	49	50	0	2	0	21.71	23.00
132322	132124	QPSK	50	0	50	49	2	0	21.82	23.00
132572	132374	QPSK	50	0	50	49	2	0	21.60	23.00

CA_66C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	15.82	17.00
132322	132124	QPSK	1	0	1	99	2	0	15.72	17.00
132572	132374	QPSK	1	0	1	99	2	0	15.69	17.00
132072	132270	QPSK	50	49	50	0	2	0	15.73	17.00
132322	132124	QPSK	50	0	50	49	2	0	15.78	17.00

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132572	132374	QPSK	50	0	50	49	2	0	15.68	17.00
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Ant4:

CA_4C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	23.45	24.50
20175	19977	QPSK	1	0	1	99	2	0	23.52	24.50
20300	20102	QPSK	1	0	1	99	2	0	23.44	24.50
20050	20248	QPSK	50	49	50	0	2	1	22.39	23.50
20175	19977	QPSK	50	0	50	49	2	1	22.54	23.50
20300	20102	QPSK	50	0	50	49	2	1	22.4	23.50

CA_4C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	20.82	22.00
20175	19977	QPSK	1	0	1	99	2	0	20.91	22.00
20300	20102	QPSK	1	0	1	99	2	0	20.85	22.00
20050	20248	QPSK	50	49	50	0	2	0	20.81	22.00
20175	19977	QPSK	50	0	50	49	2	0	20.85	22.00
20300	20102	QPSK	50	0	50	49	2	0	20.84	22.00

CA_7C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
		Modulation	PCC		SCC					

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PCC Channel	SCC Channel		RB Size	RB offset	RB Size	RB offset	Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	99	1	0	1	0	22.87	24.20
21100	20902	QPSK	1	0	1	99	2	0	22.95	24.20
21350	21152	QPSK	1	0	1	99	2	0	22.84	24.20
20850	21048	QPSK	50	49	50	0	2	1	21.79	23.20
21100	20902	QPSK	50	0	50	49	2	1	21.85	23.20
21350	21152	QPSK	50	0	50	49	2	1	21.83	23.20

CA_7C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	18.31	19.70
21100	20902	QPSK	1	0	1	99	2	0	18.29	19.70
21350	21152	QPSK	1	0	1	99	2	0	18.31	19.70
20850	21048	QPSK	50	49	50	0	2	1	18.25	19.70
21100	20902	QPSK	50	0	50	49	2	1	18.37	19.70
21350	21152	QPSK	50	0	50	49	2	1	18.15	19.70

CA_38C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	23.20	24.50
38099	37901	QPSK	1	0	1	99	2	0	23.33	24.50
38150	37952	QPSK	1	0	1	99	2	0	23.31	24.50
37850	38048	QPSK	50	49	50	0	2	1	22.36	23.50
38099	37901	QPSK	50	0	50	49	2	1	22.30	23.50

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38150	37952	QPSK	50	0	50	49	2	1	22.31	23.50
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CA_38C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	20.66	22.00
38099	37901	QPSK	1	0	1	99	2	0	20.73	22.00
38150	37952	QPSK	1	0	1	99	2	0	20.71	22.00
37850	38048	QPSK	50	49	50	0	2	1	20.68	22.00
38099	37901	QPSK	50	0	50	49	2	1	20.68	22.00
38150	37952	QPSK	50	0	50	49	2	1	20.75	22.00

CA_41C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	23.04	24.50
40185	39987	QPSK	1	0	1	99	2	0	23.15	24.50
40620	40422	QPSK	1	0	1	99	2	0	23.31	24.50
41055	40857	QPSK	1	0	1	99	2	0	23.05	24.50
41490	41292	QPSK	1	0	1	99	2	0	22.61	24.50
39750	39948	QPSK	50	49	50	0	2	1	22.18	23.50
40185	39987	QPSK	50	0	50	49	2	1	22.24	23.50
40620	40422	QPSK	50	0	50	49	2	1	22.24	23.50
41055	40857	QPSK	50	0	50	49	2	1	22.07	23.50
41490	41292	QPSK	50	0	50	49	2	1	21.72	23.50

CA_41C Ant1 State3 State8

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Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	20.66	22.00
40185	39987	QPSK	1	0	1	99	2	0	20.76	22.00
40620	40422	QPSK	1	0	1	99	2	0	20.80	22.00
41055	40857	QPSK	1	0	1	99	2	0	20.63	22.00
41490	41292	QPSK	1	0	1	99	2	0	20.17	22.00
39750	39948	QPSK	50	49	50	0	2	1	20.47	22.00
40185	39987	QPSK	50	0	50	49	2	1	20.51	22.00
40620	40422	QPSK	50	0	50	49	2	1	20.67	22.00
41055	40857	QPSK	50	0	50	49	2	1	20.54	22.00
41490	41292	QPSK	50	0	50	49	2	1	20.28	22.00

CA_66C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	24.16	25.00
132322	132124	QPSK	1	0	1	99	2	0	24.24	25.00
132572	132374	QPSK	1	0	1	99	2	0	24.24	25.00
132072	132270	QPSK	50	49	50	0	2	1	23.15	24.00
132322	132124	QPSK	50	0	50	49	2	1	23.28	24.00
132572	132374	QPSK	50	0	50	49	2	1	23.21	24.00

CA_66C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
		Modulation	PCC	SCC						

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PCC Channel	SCC Channel		RB Size	RB offset	RB Size	RB offset	Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
132072	132270	QPSK	1	99	1	0	1	0	21.19	22.00
132322	132124	QPSK	1	0	1	99	2	0	21.29	22.00
132572	132374	QPSK	1	0	1	99	2	0	21.22	22.00
132072	132270	QPSK	50	49	50	0	2	1	21.17	22.00
132322	132124	QPSK	50	0	50	49	2	1	21.34	22.00
132572	132374	QPSK	50	0	50	49	2	1	21.21	22.00

Ant5:

CA_4C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	23.08	24.00
20175	19977	QPSK	1	0	1	99	2	0	23.16	24.00
20300	20102	QPSK	1	0	1	99	2	0	23.08	24.00
20050	20248	QPSK	50	49	50	0	2	1	22.17	23.00
20175	19977	QPSK	50	0	50	49	2	1	22.22	23.00
20300	20102	QPSK	50	0	50	49	2	1	22.13	23.00

CA_4C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20050	20248	QPSK	1	99	1	0	1	0	22.76	23.50
20175	19977	QPSK	1	0	1	99	2	0	22.83	23.50
20300	20102	QPSK	1	0	1	99	2	0	22.71	23.50
20050	20248	QPSK	50	49	50	0	2	0.5	22.25	23.00

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20175	19977	QPSK	50	0	50	49	2	0.5	22.39	23.00
20300	20102	QPSK	50	0	50	49	2	0.5	22.36	23.00

CA_7C Ant1 State0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	20.90	22.20
21100	20902	QPSK	1	0	1	99	2	0	21.02	22.20
21350	21152	QPSK	1	0	1	99	2	0	20.99	22.20
20850	21048	QPSK	50	49	50	0	2	1	19.82	21.20
21100	20902	QPSK	50	0	50	49	2	1	19.74	21.20
21350	21152	QPSK	50	0	50	49	2	1	19.75	21.20

CA_7C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	17.61	18.70
21100	20902	QPSK	1	0	1	99	2	0	17.67	18.70
21350	21152	QPSK	1	0	1	99	2	0	17.59	18.70
20850	21048	QPSK	50	49	50	0	2	0	17.59	18.70
21100	20902	QPSK	50	0	50	49	2	0	17.62	18.70
21350	21152	QPSK	50	0	50	49	2	0	17.61	18.70

CA_7C Ant1 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	18.54	19.70

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21100	20902	QPSK	1	0	1	99	2	0	18.63	19.70
21350	21152	QPSK	1	0	1	99	2	0	18.58	19.70
20850	21048	QPSK	50	49	50	0	2	1	18.50	19.70
21100	20902	QPSK	50	0	50	49	2	1	18.55	19.70
21350	21152	QPSK	50	0	50	49	2	1	18.48	19.70

CA_38C Ant1 State0 State5 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	20.96	22.50
38099	37901	QPSK	1	0	1	99	2	0	21.05	22.50
38150	37952	QPSK	1	0	1	99	2	0	20.92	22.50
37850	38048	QPSK	50	49	50	0	2	1	19.91	21.50
38099	37901	QPSK	50	0	50	49	2	1	19.90	21.50
38150	37952	QPSK	50	0	50	49	2	1	19.94	21.50

CA_41C Ant1 State0 State5 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	1	0	22.37	22.50
40185	39987	QPSK	1	0	1	99	2	0	21.89	22.50
40620	40422	QPSK	1	0	1	99	2	0	21.48	22.50
41055	40857	QPSK	1	0	1	99	2	0	21.20	22.50
41490	41292	QPSK	1	0	1	99	2	0	20.85	22.50
39750	39948	QPSK	50	49	50	0	2	1	21.26	21.50
40185	39987	QPSK	50	0	50	49	2	1	20.88	21.50
40620	40422	QPSK	50	0	50	49	2	1	20.54	21.50
41055	40857	QPSK	50	0	50	49	2	1	20.04	21.50
41490	41292	QPSK	50	0	50	49	2	1	19.71	21.50

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CA_66C Ant1 State0 State5										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	23.19	24.00
132322	132124	QPSK	1	0	1	99	2	0	23.21	24.00
132572	132374	QPSK	1	0	1	99	2	0	23.17	24.00
132072	132270	QPSK	50	49	50	0	2	1	22.20	23.00
132322	132124	QPSK	50	0	50	49	2	1	22.29	23.00
132572	132374	QPSK	50	0	50	49	2	1	22.27	23.00

CA_66C Ant1 State3 State8										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	22.72	23.50
132322	132124	QPSK	1	0	1	99	2	0	22.78	23.50
132572	132374	QPSK	1	0	1	99	2	0	22.70	23.50
132072	132270	QPSK	50	49	50	0	2	0.5	22.19	23.00
132322	132124	QPSK	50	0	50	49	2	0.5	22.24	23.00
132572	132374	QPSK	50	0	50	49	2	0.5	22.19	23.00

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5. Conducted Power of LTE DL_CA

CA List	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW (MHz)	UL	UL	Mod.	UL#	UL	LTE	BW (MHz)	DL	DL	LTE	BW (MHz)	DL	DL	With CA	Without CA
	Band			Freq. (MHz)	Channel		RB	Offset	Band		Freq. (MHz)	Channel	Band		Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					22.83	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					23.52	23.56
CA_38C	Band 38	1	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					22.99	23.06
	Band 38	4	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					23.41	23.44
	Band 38	5	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					20.97	21.11
CA_2A-26A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865					22.81	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865					23.35	23.56
	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 2	5M	1987.5	1175					22.91	23.07
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 2	5M	1987.5	1175					23.29	23.38
CA_2A-2A	Band 2	0	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					22.77	22.93
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					23.35	23.56
CA_2A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095					22.73	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095					23.52	23.56
	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900					23.84	23.87
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900					23.50	23.70
CA_2A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100					22.83	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100					23.44	23.56
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900					22.97	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900					22.92	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900					20.89	21.03
CA_12A-66A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786					23.79	23.87
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786					23.57	23.70
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					23.17	23.33
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					24.28	24.35
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					23.19	23.29
CA_66A-71A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786					23.19	23.33
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786					24.15	24.35
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786					23.27	23.29

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	Band 71	0	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786					23.49	23.59
	Band 71	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786					23.35	23.36
CA_5A-38A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000					23.27	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000					22.60	22.77
CA_26A-38A	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595	38000					22.87	23.07
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595	38000					23.36	23.38
CA_7A-26A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					23.03	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					22.87	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865					20.95	21.03
	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100					22.89	23.07
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100					23.20	23.38
CA_2A-7C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.84	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.44	23.56
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	22.88	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	22.93	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	20.98	21.03
CA_7A-7A-66A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 66	20M	2145	66786	22.95	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 66	20M	2145	66786	22.77	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 66	20M	2145	66786	20.84	21.03
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.29	23.33
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.24	24.35
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.12	23.29
CA_41D	Band 41	1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	22.73	22.85
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.28	23.36
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	21.52	21.58
CA_5A-66A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.10	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.69	22.77
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786	Band 5	10M	881.5	2525	22.64	22.85
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	23.16	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	21.56	21.58
CA_5A-7A-7A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.15	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.64	22.77

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	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	22.98	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	22.81	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	20.88	21.03
CA_5A-7A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2145	66786	23.19	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2145	66786	22.57	22.77
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	23.02	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.95	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	21.01	21.03
CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	22.81	22.85
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	23.19	23.36
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	Band 41	20M	2506	39750	21.46	21.58
CA_4A-7C	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.85	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.37	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.09	23.24
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	22.90	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	22.87	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	21.00	21.03
CA_5A-7C	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.22	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.68	22.77
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	22.94	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	22.86	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	20.83	21.03
CA_7A-66A-66A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.92	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.82	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	20.82	21.03
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786	Band 7	20M	2655	3100	22.65	22.85
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786	Band 7	20M	2655	3100	23.24	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	20M	2145	66786	Band 7	20M	2655	3100	21.46	21.58
CA_7C-66A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2145	66786	23.04	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2145	66786	22.91	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2145	66786	20.90	21.03
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.80	22.85

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	Band 66	4	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.31	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	21.40	21.58
CA_26A-41C	Band 26	0	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.93	23.07
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.37	23.38
CA_2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.91	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	23.50	23.56
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.79	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.37	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.10	23.24
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.13	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	22.63	22.77
CA_38C-66A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 38	20M	2585.1	37901	Band 38	20M	2604.9	38099	22.74	22.85
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 38	20M	2585.1	37901	Band 38	20M	2604.9	38099	23.22	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 38	20M	2585.1	37901	Band 38	20M	2604.9	38099	21.47	21.58
CA_4A-5A-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.89	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.48	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.05	23.24
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	23.25	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	22.72	22.77
	Band 7	1	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.87	23.05
	Band 7	4	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.82	22.97
	Band 7	5	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	20.83	21.03
CA_41C-66A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.66	22.85
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.33	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	21.45	21.58
CA_5A-41C	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.13	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	22.59	22.77
CA_2A-7A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.73	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.50	23.56
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	22.95	23.05
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	22.85	22.97
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	20.87	21.03

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CA_5A-66C	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	23.26	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	22.69	22.77
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 5	10M	881.5	2525	22.70	22.85
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 5	10M	881.5	2525	23.15	23.36
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 5	10M	881.5	2525	21.48	21.58
CA_4A-4A-5A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	22.89	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	23.46	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	23.18	23.24
	Band 5	0	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.16	23.30
	Band 5	1	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.74	22.77
CA_4C-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 4	20M	901.3	2723	Band 7	20M	2655	3100	22.82	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 4	20M	901.3	2723	Band 7	20M	2655	3100	23.53	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 4	20M	901.3	2723	Band 7	20M	2655	3100	23.08	23.24
	Band 7	1	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	20M	901.3	2723	22.81	22.95
	Band 7	4	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	20M	901.3	2723	23.37	23.54
	Band 7	5	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	20M	901.3	2723	23.13	23.24
CA_4A-4A-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	22.79	22.95
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	23.34	23.54
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	23.14	23.24
	Band 7	1	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.83	22.95
	Band 7	4	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.34	23.54
	Band 7	5	20M	1732.5	20175	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.16	23.24
CA_2A-5A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.79	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	23.48	23.56
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.18	23.30
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	22.75	22.77
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.75	22.95
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.46	23.54
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.03	23.24
CA_2A-5A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.91	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.42	23.56
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	23.15	23.30

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	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 7	20M	2655	3100	22.67	22.77
	Band 7	1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.87	22.95
	Band 7	4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.47	23.54
	Band 7	5	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.20	23.24
CA_2A-38A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000					22.79	22.93
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000					23.35	23.56
	Band 38	1	20M	2595	38000	QPSK	1	0	Band 2	20M	1960	900					22.97	23.06
	Band 38	4	20M	2595	38000	QPSK	1	0	Band 2	20M	1960	900					23.29	23.44
	Band 38	5	20M	2595	38000	QPSK	1	0	Band 2	20M	1960	900					20.93	21.11

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6. Conducted Power of WIFI

WIFI 2.4G Head Standalone&WWAN+WIFI2.4G Body Standalone&WWAN+WIFI2.4G					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.85	13.00
	6	2437		12.02	13.00
	11	2462		12.48	13.00
802.11g	1	2412	6	13.26	14.00
	6	2437		13.14	14.00
	11	2462		13.63	14.00
802.11n 20M	1	2412	6.5	13.18	14.00
	6	2437		13.06	14.00
	11	2462		13.41	14.00
802.11n 40M	3	2422	13.5	11.59	12.00
	6	2437		11.48	12.00
	9	2452		11.72	12.00
802.11ac 20M	1	2412	MCS0	13.03	14.00
	6	2437		13.08	14.00
	11	2462		13.60	14.00
802.11ac 40M	3	2422	MCS0	11.56	12.00
	6	2437		11.45	12.00
	9	2452		11.50	12.00
802.11ax 20M	1	2412	MCS0	13.38	14.00
	6	2437		12.59	14.00
	11	2462		13.61	14.00
802.11ax 40M	3	2422	MCS0	10.81	11.00
	6	2437		10.80	11.00
	9	2452		10.89	11.00

WIFI 5G Body Standalone						
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.87	18.00
		40	5200		16.82	18.00
		44	5220		16.69	18.00

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	U-NII-2A	48	5240		16.73	18.00
		52	5260		16.77	18.00
		56	5280		16.71	18.00
		60	5300		16.64	18.00
		64	5320		16.77	18.00
	U-NII-2C	100	5500		16.89	18.00
		104	5520		16.99	18.00
		108	5540		16.86	18.00
		112	5560		16.91	18.00
		116	5580		17.25	18.00
		120	5600		17.13	18.00
		124	5620		17.04	18.00
		128	5640		17.02	18.00
		132	5660		16.92	18.00
		136	5680		16.95	18.00
		140	5700		16.99	18.00
	U-NII-3	149	5745		17.04	17.50
		153	5765		17.00	17.50
		157	5785		17.06	17.50
		161	5805		17.03	17.50
		165	5825		16.90	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 20M	U-NII-1	36	5180	MCS0	16.53	18.00
		40	5200		16.80	18.00
		44	5220		16.79	18.00
		48	5240		16.79	18.00
	U-NII-2A	52	5260		16.80	18.00
		56	5280		16.76	18.00
		60	5300		16.75	18.00
		64	5320		16.76	18.00
	U-NII-2C	100	5500		16.75	18.00
		104	5520		16.60	18.00
		108	5540		16.57	18.00
		112	5560		16.74	18.00
		116	5580		17.29	18.00
		120	5600		17.25	18.00

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		124	5620		17.04	18.00
		128	5640		16.99	18.00
		132	5660		17.06	18.00
		136	5680		17.14	18.00
		140	5700		17.20	18.00
	U-NII-3	149	5745		16.98	17.50
		153	5765		16.79	17.50
		157	5785		16.92	17.50
		161	5805		16.76	17.50
		165	5825		16.74	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 40M	U-NII-1	38	5190	MCS0	13.54	14.50
		46	5230		13.44	14.50
	U-NII-2A	54	5270		13.30	14.50
		62	5310		13.28	14.50
	U-NII-2C	102	5510		13.05	14.00
		110	5550		13.09	14.00
		118	5590		13.09	14.00
		126	5630		13.06	14.00
		134	5670		13.21	14.00
	U-NII-3	151	5755		17.10	17.50
		159	5795		16.88	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	16.61	18.00
		40	5200		16.80	18.00
		44	5220		16.70	18.00
		48	5240		16.74	18.00
	U-NII-2A	52	5260		16.87	18.00
		56	5280		16.69	18.00
		60	5300		16.73	18.00
		64	5320		16.72	18.00
	U-NII-2C	100	5500		16.90	18.00
		104	5520		16.83	18.00
		108	5540		16.69	18.00
		112	5560		16.83	18.00

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		116	5580		17.23	18.00
		120	5600		17.19	18.00
		124	5620		17.02	18.00
		128	5640		16.95	18.00
		132	5660		16.88	18.00
		136	5680		16.80	18.00
		140	5700		17.12	18.00
	U-NII-3	149	5745		17.08	17.50
		153	5765		16.98	17.50
		157	5785		16.89	17.50
		161	5805		16.71	17.50
		165	5825		16.84	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	15.78	17.00
		46	5230		15.68	17.00
	U-NII-2A	54	5270		15.80	17.00
		62	5310		15.76	17.00
	U-NII-2C	102	5510		16.07	17.00
		110	5550		16.30	17.00
		118	5590		16.15	17.00
		126	5630		16.08	17.00
		134	5670		16.34	17.00
	U-NII-3	151	5755		16.03	16.50
		159	5795		15.91	16.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.26	12.50
	U-NII-2A	58	5290		10.23	11.50
	U-NII-2C	106	5530		16.33	16.50
		122	5610		16.25	16.50
		138	5690		16.21	16.50
	U-NII-3	155	5775		15.26	16.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	16.79	18.00
		40	5200		16.99	18.00

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		44	5220		16.90	18.00
		48	5240		16.91	18.00
	U-NII-2A	52	5260		17.02	18.00
		56	5280		16.83	18.00
		60	5300		16.74	18.00
		64	5320		16.92	18.00
	U-NII-2C	100	5500		17.09	18.00
		104	5520		16.95	18.00
		108	5540		16.89	18.00
		112	5560		17.00	18.00
		116	5580		17.46	18.00
		120	5600		17.44	18.00
		124	5620		17.32	18.00
		128	5640		17.17	18.00
		132	5660		17.01	18.00
		136	5680		17.12	18.00
		140	5700		17.35	18.00
	U-NII-3	149	5745		17.18	17.50
		153	5765		17.11	17.50
		157	5785		17.19	17.50
		161	5805		16.90	17.50
		165	5825		16.81	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	13.06	14.00
		46	5230		13.24	14.00
	U-NII-2A	54	5270		13.31	14.00
		62	5310		13.23	14.00
	U-NII-2C	102	5510		13.59	14.00
		110	5550		13.58	14.00
		118	5590		13.47	14.00
		126	5630		13.41	14.00
		134	5670		13.48	14.00
	U-NII-3	151	5755		17.24	17.50
		159	5795		17.27	17.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

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802.11ax 80M	U-NII-1	42	5210	MCS0	11.47	12.50
	U-NII-2A	58	5290		10.15	11.00
	U-NII-2C	106	5530		15.65	16.00
		122	5610		15.78	16.00
		138	5690		15.53	16.00
	U-NII-3	155	5775		15.29	15.50

WIFI 5G Body WWAN+WIFI5G						
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.69	13.00
		40	5200		11.68	13.00
		44	5220		11.65	13.00
		48	5240		11.59	13.00
	U-NII-2A	52	5260		11.66	13.00
		56	5280		11.70	13.00
		60	5300		11.49	13.00
		64	5320		11.65	13.00
	U-NII-2C	100	5500		12.73	14.00
		104	5520		12.96	14.00
		108	5540		12.83	14.00
		112	5560		12.89	14.00
		116	5580		13.08	14.00
		120	5600		12.98	14.00
		124	5620		12.95	14.00
		128	5640		12.88	14.00
		132	5660		12.88	14.00
		136	5680		12.85	14.00
		140	5700		12.94	14.00
	U-NII-3	149	5745		12.44	13.00
		153	5765		12.39	13.00
		157	5785		12.36	13.00
		161	5805		12.49	13.00
		165	5825		12.26	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	U-NII-1	36	5180	MCS0	11.45	13.00

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802.11n 20M		40	5200		11.61	13.00
		44	5220		11.67	13.00
		48	5240		11.65	13.00
	U-NII-2A	52	5260		11.67	13.00
		56	5280		11.59	13.00
		60	5300		11.71	13.00
		64	5320		11.70	13.00
	U-NII-2C	100	5500		12.73	14.00
		104	5520		12.54	14.00
		108	5540		12.45	14.00
		112	5560		12.62	14.00
		116	5580		13.10	14.00
		120	5600		13.07	14.00
		124	5620		12.98	14.00
		128	5640		12.80	14.00
		132	5660		12.87	14.00
		136	5680		12.99	14.00
		140	5700		12.99	14.00
	U-NII-3	149	5745		12.37	13.00
		153	5765		12.28	13.00
		157	5785		12.28	13.00
		161	5805		12.13	13.00
		165	5825		12.22	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 40M	U-NII-1	38	5190	MCS0	8.38	9.50
		46	5230		8.34	9.50
	U-NII-2A	54	5270		8.15	9.50
		62	5310		8.19	9.50
	U-NII-2C	102	5510		9.01	10.00
		110	5550		8.91	10.00
		118	5590		8.89	10.00
		126	5630		9.02	10.00
		134	5670		9.09	10.00
	U-NII-3	151	5755		12.56	13.00
		159	5795		12.26	13.00

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5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	11.42	13.00
		40	5200		11.61	13.00
		44	5220		11.60	13.00
		48	5240		11.56	13.00
	U-NII-2A	52	5260		11.72	13.00
		56	5280		11.66	13.00
		60	5300		11.66	13.00
		64	5320		11.53	13.00
	U-NII-2C	100	5500		12.77	14.00
		104	5520		12.81	14.00
		108	5540		12.60	14.00
		112	5560		12.66	14.00
		116	5580		13.15	14.00
		120	5600		13.17	14.00
		124	5620		12.91	14.00
		128	5640		12.88	14.00
		132	5660		12.71	14.00
		136	5680		12.74	14.00
		140	5700		13.00	14.00
	U-NII-3	149	5745		12.45	13.00
		153	5765		12.39	13.00
		157	5785		12.33	13.00
		161	5805		12.11	13.00
		165	5825		12.23	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	10.57	12.00
		46	5230		10.65	12.00
	U-NII-2A	54	5270		10.75	12.00
		62	5310		10.75	12.00
	U-NII-2C	102	5510		12.01	13.00
		110	5550		12.14	13.00
		118	5590		12.11	13.00
		126	5630		12.03	13.00
		134	5670		12.18	13.00

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	U-NII-3	151	5755		11.47	12.00
		159	5795		11.39	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	6.17	7.50
	U-NII-2A	58	5290		5.15	6.50
	U-NII-2C	106	5530		12.24	12.50
		122	5610		12.21	12.50
		138	5690		12.18	12.50
	U-NII-3	155	5775		10.65	11.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	11.66	13.00
		40	5200		11.85	13.00
		44	5220		11.79	13.00
		48	5240		11.87	13.00
	U-NII-2A	52	5260		11.98	13.00
		56	5280		11.74	13.00
		60	5300		11.71	13.00
		64	5320		11.88	13.00
	U-NII-2C	100	5500		12.94	14.00
		104	5520		12.80	14.00
		108	5540		12.75	14.00
		112	5560		12.81	14.00
		116	5580		13.37	14.00
		120	5600		13.41	14.00
		124	5620		13.22	14.00
		128	5640		13.06	14.00
		132	5660		12.89	14.00
		136	5680		12.95	14.00
		140	5700		13.34	14.00
	U-NII-3	149	5745		12.54	13.00
		153	5765		12.40	13.00
		157	5785		12.67	13.00
		161	5805		12.33	13.00
		165	5825		12.22	13.00

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5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	8.03	9.00
		46	5230		8.05	9.00
	U-NII-2A	54	5270		8.25	9.00
		62	5310		8.16	9.00
	U-NII-2C	102	5510		9.50	10.00
		110	5550		9.40	10.00
		118	5590		9.42	10.00
		126	5630		9.23	10.00
		134	5670		9.33	10.00
	U-NII-3	151	5755		12.68	13.00
		159	5795		12.58	13.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	6.44	7.50
	U-NII-2A	58	5290		5.13	6.00
	U-NII-2C	106	5530		11.61	12.00
		122	5610		11.72	12.00
		138	5690		11.39	12.00
	U-NII-3	155	5775		10.75	11.00

WIFI 5G Head Stanalone						
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.77	14.00
		40	5200		12.70	14.00
		44	5220		12.55	14.00
		48	5240		12.66	14.00
	U-NII-2A	52	5260		12.66	14.00
		56	5280		12.63	14.00
		60	5300		12.48	14.00
		64	5320		12.76	14.00
	U-NII-2C	100	5500		12.73	14.00
		104	5520		12.96	14.00
		108	5540		12.83	14.00
		112	5560		12.89	14.00
		116	5580		13.08	14.00

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		120	5600		12.98	14.00
		124	5620		12.95	14.00
		128	5640		12.88	14.00
		132	5660		12.88	14.00
		136	5680		12.85	14.00
		140	5700		12.94	14.00
	U-NII-3	149	5745		15.02	15.50
		153	5765		14.89	15.50
		157	5785		14.88	15.50
		161	5805		14.86	15.50
		165	5825		14.80	15.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 20M	U-NII-1	36	5180	MCS0	12.44	14.00
		40	5200		12.63	14.00
		44	5220		12.79	14.00
		48	5240		12.68	14.00
	U-NII-2A	52	5260		12.61	14.00
		56	5280		12.64	14.00
		60	5300		12.57	14.00
		64	5320		12.57	14.00
	U-NII-2C	100	5500		12.73	14.00
		104	5520		12.54	14.00
		108	5540		12.45	14.00
		112	5560		12.62	14.00
		116	5580		13.10	14.00
		120	5600		13.07	14.00
		124	5620		12.98	14.00
		128	5640		12.80	14.00
		132	5660		12.87	14.00
		136	5680		12.99	14.00
		140	5700		12.99	14.00
	U-NII-3	149	5745		14.82	15.50
		153	5765		14.78	15.50
		157	5785		14.73	15.50
		161	5805		14.74	15.50
		165	5825		14.58	15.50

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5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 40M	U-NII-1	38	5190	MCS0	9.45	10.50
		46	5230		9.39	10.50
	U-NII-2A	54	5270		9.29	10.50
		62	5310		9.23	10.50
	U-NII-2C	102	5510		9.01	10.00
		110	5550		8.91	10.00
		118	5590		8.89	10.00
		126	5630		9.02	10.00
		134	5670		9.09	10.00
		151	5755		15.07	15.50
		159	5795		14.70	15.50
	U-NII-3	151	5755		15.07	15.50
		159	5795		14.70	15.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.57	14.00
		40	5200		12.63	14.00
		44	5220		12.61	14.00
		48	5240		12.68	14.00
	U-NII-2A	52	5260		12.74	14.00
		56	5280		12.60	14.00
		60	5300		12.68	14.00
		64	5320		12.67	14.00
	U-NII-2C	100	5500		12.77	14.00
		104	5520		12.81	14.00
		108	5540		12.60	14.00
		112	5560		12.66	14.00
		116	5580		13.15	14.00
		120	5600		13.17	14.00
		124	5620		12.91	14.00
		128	5640		12.88	14.00
		132	5660		12.71	14.00
		136	5680		12.74	14.00
		140	5700		13.00	14.00
	U-NII-3	149	5745		14.91	15.50
		153	5765		14.84	15.50
		157	5785		14.87	15.50
		157	5785		14.87	15.50

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		161	5805		14.55	15.50
		165	5825		14.68	15.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	11.73	13.00
		46	5230		11.55	13.00
	U-NII-2A	54	5270		11.73	13.00
		62	5310		11.75	13.00
	U-NII-2C	102	5510		12.01	13.00
		110	5550		12.14	13.00
		118	5590		12.11	13.00
		126	5630		12.03	13.00
		134	5670		12.18	13.00
		151	5755		13.90	14.50
		159	5795		13.88	14.50
	U-NII-3					
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	7.19	8.50
	U-NII-2A	58	5290		6.06	7.50
	U-NII-2C	106	5530		12.24	12.50
		122	5610		12.21	12.50
		138	5690		12.18	12.50
	U-NII-3	155	5775		10.65	11.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	12.68	14.00
		40	5200		12.96	14.00
		44	5220		12.79	14.00
		48	5240		12.86	14.00
	U-NII-2A	52	5260		11.98	13.00
		56	5280		11.74	13.00
		60	5300		11.71	13.00
		64	5320		11.88	13.00
	U-NII-2C	100	5500		12.94	14.00
		104	5520		12.80	14.00
		108	5540		12.75	14.00
		112	5560		12.81	14.00
	U-NII-3					

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		116	5580		13.37	14.00
		120	5600		13.41	14.00
		124	5620		13.22	14.00
		128	5640		13.06	14.00
		132	5660		12.89	14.00
		136	5680		12.95	14.00
		140	5700		13.34	14.00
		149	5745		15.06	15.50
	U-NII-3	153	5765		15.05	15.50
		157	5785		15.05	15.50
		161	5805		14.73	15.50
		165	5825		14.62	15.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	8.89	10.00
		46	5230		9.24	10.00
	U-NII-2A	54	5270		9.14	10.00
		62	5310		9.19	10.00
	U-NII-2C	102	5510		9.50	10.00
		110	5550		9.40	10.00
		118	5590		9.42	10.00
		126	5630		9.23	10.00
		134	5670		9.33	10.00
	U-NII-3	151	5755		15.20	15.50
		159	5795		15.17	15.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	7.40	8.50
	U-NII-2A	58	5290		6.11	7.00
	U-NII-2C	106	5530		11.61	12.00
		122	5610		11.72	12.00
		138	5690		11.39	12.00
	U-NII-3	155	5775		13.18	13.50

WIFI 5G Head WWAN+WIFI5G

5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	9.24	10.50

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		40	5200		9.30	10.50
		44	5220		9.15	10.50
		48	5240		9.10	10.50
	U-NII-2A	52	5260		9.26	10.50
		56	5280		9.14	10.50
		60	5300		9.04	10.50
		64	5320		9.09	10.50
	U-NII-2C	100	5500		9.19	10.50
		104	5520		9.30	10.50
		108	5540		9.22	10.50
		112	5560		9.39	10.50
		116	5580		9.73	10.50
		120	5600		9.58	10.50
		124	5620		9.53	10.50
		128	5640		9.48	10.50
		132	5660		9.26	10.50
		136	5680		9.29	10.50
		140	5700		9.47	10.50
	U-NII-3	149	5745		11.37	12.00
		153	5765		11.32	12.00
		157	5785		11.42	12.00
		161	5805		11.49	12.00
		165	5825		11.29	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 20M	U-NII-1	36	5180	MCS0	8.93	10.50
		40	5200		9.16	10.50
		44	5220		9.17	10.50
		48	5240		9.12	10.50
	U-NII-2A	52	5260		9.14	10.50
		56	5280		9.20	10.50
		60	5300		9.17	10.50
		64	5320		9.20	10.50
	U-NII-2C	100	5500		9.13	10.50
		104	5520		9.01	10.50
		108	5540		9.05	10.50
		112	5560		9.21	10.50

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		116	5580		9.75	10.50
		120	5600		9.74	10.50
		124	5620		9.39	10.50
		128	5640		9.39	10.50
		132	5660		9.56	10.50
		136	5680		9.63	10.50
		140	5700		9.62	10.50
	U-NII-3	149	5745		11.32	12.00
		153	5765		11.09	12.00
		157	5785		11.41	12.00
		161	5805		11.10	12.00
		165	5825		11.08	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n 40M	U-NII-1	38	5190	MCS0	5.87	7.00
		46	5230		5.76	7.00
	U-NII-2A	54	5270		5.63	7.00
		62	5310		5.69	7.00
	U-NII-2C	102	5510		5.40	6.50
		110	5550		5.56	6.50
		118	5590		5.39	6.50
		126	5630		5.53	6.50
		134	5670		5.59	6.50
	U-NII-3	151	5755		11.45	12.00
		159	5795		11.33	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	8.93	10.50
		40	5200		9.28	10.50
		44	5220		9.15	10.50
		48	5240		9.12	10.50
	U-NII-2A	52	5260		9.18	10.50
		56	5280		9.05	10.50
		60	5300		9.20	10.50
		64	5320		9.12	10.50
	U-NII-2C	100	5500		9.36	10.50
		104	5520		9.24	10.50

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		108	5540		9.14	10.50
		112	5560		9.31	10.50
		116	5580		9.69	10.50
		120	5600		9.68	10.50
		124	5620		9.40	10.50
		128	5640		9.40	10.50
		132	5660		9.36	10.50
		136	5680		9.20	10.50
		140	5700		9.57	10.50
	U-NII-3	149	5745		11.48	12.00
		153	5765		11.38	12.00
		157	5785		11.34	12.00
		161	5805		11.20	12.00
		165	5825		11.27	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	8.20	9.50
		46	5230		8.01	9.50
	U-NII-2A	54	5270		8.11	9.50
		62	5310		8.23	9.50
	U-NII-2C	102	5510		8.38	9.50
		110	5550		8.68	9.50
		118	5590		8.46	9.50
		126	5630		8.49	9.50
		134	5670		8.81	9.50
	U-NII-3	151	5755		10.48	11.00
		159	5795		10.41	11.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	3.61	5.00
	U-NII-2A	58	5290		2.60	4.00
	U-NII-2C	106	5530		8.72	9.00
		122	5610		8.59	9.00
		138	5690		8.56	9.00
	U-NII-3	155	5775		9.75	10.50
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

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802.11ax 20M	U-NII-1	36	5180	MCS0	9.22	10.50
		40	5200		9.45	10.50
		44	5220		9.27	10.50
		48	5240		9.38	10.50
	U-NII-2A	52	5260		9.48	10.50
		56	5280		9.18	10.50
		60	5300		9.24	10.50
		64	5320		9.34	10.50
	U-NII-2C	100	5500		9.47	10.50
		104	5520		9.25	10.50
		108	5540		9.36	10.50
		112	5560		9.49	10.50
		116	5580		9.90	10.50
		120	5600		9.79	10.50
		124	5620		9.65	10.50
		128	5640		9.66	10.50
		132	5660		9.39	10.50
		136	5680		9.60	10.50
		140	5700		9.79	10.50
	U-NII-3	149	5745		11.68	12.00
		153	5765		11.54	12.00
		157	5785		11.66	12.00
		161	5805		11.30	12.00
		165	5825		11.17	12.00
5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	5.47	6.50
		46	5230		5.65	6.50
	U-NII-2A	54	5270		5.70	6.50
		62	5310		5.63	6.50
	U-NII-2C	102	5510		6.04	6.50
		110	5550		5.97	6.50
		118	5590		5.89	6.50
		126	5630		5.81	6.50
		134	5670		5.92	6.50
	U-NII-3	151	5755		11.69	12.00
		159	5795		11.61	12.00

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5GHz	Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	3.79	5.00
	U-NII-2A	58	5290		2.51	3.50
	U-NII-2C	106	5530		8.01	8.50
		122	5610		8.15	8.50
		138	5690		7.92	8.50
	U-NII-3	155	5775		9.75	10.00

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7. Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	78
BT	GFSK	14.49	14.63	15.67	16.00
	$\pi/4$ DQPSK	11.73	11.11	11.78	13.00
	8DPSK	11.86	11.26	11.94	13.00
Band	Channel	0	19	39	Tune up
BLE	1M	4.58	6.31	5.45	9.00
	2M	4.71	6.38	5.54	9.00

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