

Appendix E

Conducted RF Output Power

State Description	Test Conditions	Test Scenario Explanation	Test Antenna Position Number
State1	Receiver off Standalone	Body/Hotspot	All WWAN Antennas
State2	Receiver on Standalone	Head	All WWAN Antennas
State3	Receiver off Simultaneous	Body/Hotspot	All WWAN Antennas
State4	Receiver on Simultaneous	Head	All WWAN Antennas



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1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 850 State1/2/3/4										
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	32.12	31.96	32.00	33.50	-9.19	22.93	22.77	22.81	24.31
GPRS (GMSK)	1 TX Slot	32.12	31.99	32.04	33.50	-9.19	22.93	22.80	22.85	24.31
	2 TX Slots	30.20	30.03	30.08	31.00	-6.18	24.02	23.85	23.90	24.82
	3 TX Slots	27.75	27.64	27.71	29.00	-4.42	23.33	23.22	23.29	24.58
	4 TX Slots	26.51	26.37	26.45	28.00	-3.17	23.34	23.20	23.28	24.83
EGPRS (GMSK)	1 TX Slot	32.11	31.90	31.94	33.50	-9.19	22.92	22.71	22.75	24.31
	2 TX Slots	30.21	30.04	30.07	31.00	-6.18	24.03	23.86	23.89	24.82
	3 TX Slots	27.65	27.65	27.64	29.00	-4.42	23.23	23.23	23.22	24.58
	4 TX Slots	26.54	26.27	26.39	28.00	-3.17	23.37	23.10	23.22	24.83
EGPRS (8PSK)	1 TX Slot	26.68	26.69	26.67	28.50	-9.19	17.49	17.50	17.48	19.31
	2 TX Slots	25.41	25.42	25.38	26.50	-6.18	19.23	19.24	19.20	20.32
	3 TX Slots	23.13	23.15	23.11	24.50	-4.42	18.71	18.73	18.69	20.08
	4 TX Slots	22.13	22.05	22.07	22.50	-3.17	18.96	18.88	18.90	19.33

WCDMA Band V State1/2/3/4					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.35	24.22	24.19	25.00
	12.2kbps AMR	24.25	24.13	24.28	25.00
HSDPA	Subtest 1	23.36	23.36	23.29	25.00
	Subtest 2	23.37	23.34	23.27	25.00
	Subtest 3	22.92	22.87	22.80	24.00
	Subtest 4	22.86	22.84	22.79	24.00
DC-HSDPA	Subtest 1	23.39	23.37	23.24	25.00
	Subtest 2	23.33	23.38	23.28	25.00
	Subtest 3	22.93	22.84	22.83	24.00
	Subtest 4	22.84	22.88	22.76	24.00
HSUPA	Subtest 1	21.35	21.34	21.27	23.00
	Subtest 2	21.35	21.32	21.28	23.00
	Subtest 3	22.36	22.37	22.29	24.00
	Subtest 4	20.86	20.84	20.78	22.00
	Subtest 5	22.36	22.31	22.28	24.00
HSPA+	16QAM	21.25	21.22	21.24	23.00

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LTE Band 5 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.96	23.98	23.95	25.00
		1	2	23.97	23.89	23.90	25.00
		1	5	23.90	23.89	23.95	25.00
		3	0	23.91	23.89	23.89	25.00
		3	2	24.14	24.08	24.05	25.00
		3	3	24.10	24.07	24.03	25.00
	16QAM	6	0	23.13	23.16	23.08	24.00
		1	0	23.29	23.27	23.18	24.00
		1	2	22.98	22.90	22.98	24.00
		1	5	23.07	23.03	23.12	24.00
		3	0	22.96	22.96	23.04	24.00
		3	2	22.91	22.99	22.96	24.00
	64QAM	3	3	23.08	23.02	22.95	24.00
		6	0	21.93	21.90	21.81	23.00
		1	0	21.97	22.01	21.95	23.00
		1	2	22.11	22.15	22.21	23.00
		1	5	21.82	21.82	21.88	23.00
		3	0	22.20	22.13	22.23	23.00
3MHz	QPSK	3	2	22.01	22.01	22.03	23.00
		3	3	22.06	22.03	22.13	23.00
		6	0	20.94	21.00	20.90	22.00
	16QAM	1	0	20.415	20525	20635	Tune up
		1	7	24.03	23.95	24.04	25.00
		1	14	23.98	23.89	23.87	25.00
		8	0	23.77	23.85	23.80	25.00
		8	4	22.92	22.95	23.02	24.00
		8	7	23.04	23.07	23.16	24.00
	64QAM	8	7	23.05	22.97	22.95	24.00
		15	0	23.05	23.12	23.07	24.00
		1	0	23.34	23.27	23.19	24.00
		1	7	22.96	22.91	22.97	24.00
		1	14	23.14	23.06	23.07	24.00
		8	0	21.81	21.90	21.96	23.00
5MHz	QPSK	8	4	21.87	21.90	21.91	23.00
		8	7	21.94	22.01	21.95	23.00
		15	0	21.94	22.01	21.95	23.00
		1	0	22.02	21.96	21.98	23.00
		1	7	22.15	22.08	22.12	23.00
		1	14	22.07	22.07	22.09	23.00
	16QAM	8	0	21.85	21.86	21.91	23.00
		8	4	21.13	21.06	21.02	22.00
		8	7	20.95	20.99	20.99	22.00
		8	0	20.88	20.98	20.95	22.00
		1	0	20.91	20.96	20.89	22.00
		1	13	20.91	20.96	20.89	22.00



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		1	24	23.17	23.14	23.13	24.00
		12	0	21.91	21.89	21.88	23.00
		12	6	21.93	22.02	22.03	23.00
		12	13	21.99	21.97	22.01	23.00
		25	0	22.10	22.03	22.02	23.00
		1	0	21.96	22.01	22.10	23.00
		1	13	21.99	22.02	22.05	23.00
		1	24	22.10	22.10	22.00	23.00
		12	0	21.03	20.97	20.87	22.00
		12	6	20.97	21.07	21.07	22.00
	64QAM	12	13	21.09	21.06	21.10	22.00
		25	0	21.09	21.06	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	23.87	/	25.00
		1	25	/	23.81	/	25.00
		1	49	/	23.84	/	25.00
		25	0	/	23.02	/	24.00
		25	13	/	22.97	/	24.00
		25	25	/	23.02	/	24.00
	16QAM	50	0	/	23.04	/	24.00
		1	0	/	23.25	/	24.00
		1	25	/	23.05	/	24.00
		1	49	/	23.07	/	24.00
		25	0	/	21.99	/	23.00
		25	13	/	21.96	/	23.00
	64QAM	25	25	/	21.94	/	23.00
		50	0	/	21.93	/	23.00
		1	0	/	22.11	/	23.00
		1	25	/	22.09	/	23.00
		1	49	/	22.05	/	23.00
		25	0	/	21.06	/	22.00
		25	13	/	21.06	/	22.00
		25	25	/	21.06	/	22.00
		50	0	/	21.07	/	22.00

LTE FDD Band 12 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.46	23.37	23.37	24.50
		1	2	23.19	23.28	23.26	24.50
		1	5	23.07	23.06	23.11	24.50
		3	0	23.55	23.58	23.61	24.50
		3	2	23.45	23.42	23.49	24.50
		3	3	23.13	23.11	23.17	24.50
	16QAM	6	0	22.27	22.33	22.35	23.50
		1	0	22.72	22.82	22.75	23.50
		1	2	22.59	22.67	22.74	23.50
		1	5	22.55	22.51	22.45	23.50
		3	0	22.72	22.62	22.68	23.50
		3	2	22.38	22.35	22.32	23.50
	64QAM	3	3	22.41	22.47	22.38	23.50
		6	0	21.34	21.35	21.36	22.50
		1	0	21.31	21.40	21.42	22.50
		1	2	21.25	21.31	21.21	22.50
		1	5	21.53	21.55	21.61	22.50
		3	0	21.41	21.38	21.35	22.50
		3	2	21.37	21.41	21.40	22.50



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		3	3	21.19	21.23	21.26	22.50
		6	0	20.25	20.34	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.39	23.34	23.38	24.50
		1	7	23.37	23.44	23.48	24.50
		1	14	23.04	23.14	23.14	24.50
		8	0	22.51	22.42	22.52	23.50
		8	4	22.23	22.31	22.32	23.50
		8	7	22.35	22.43	22.50	23.50
		15	0	22.53	22.51	22.44	23.50
	16QAM	1	0	22.50	22.52	22.46	23.50
		1	7	22.41	22.44	22.51	23.50
		1	14	22.47	22.45	22.39	23.50
		8	0	21.49	21.54	21.63	22.50
		8	4	21.31	21.28	21.19	22.50
		8	7	21.17	21.26	21.32	22.50
		15	0	21.44	21.50	21.47	22.50
	64QAM	1	0	21.57	21.48	21.39	22.50
		1	7	21.39	21.44	21.49	22.50
		1	14	21.26	21.19	21.09	22.50
		8	0	20.35	20.41	20.31	21.50
		8	4	20.37	20.37	20.46	21.50
		8	7	20.42	20.37	20.28	21.50
		15	0	20.34	20.43	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.29	23.39	23.49	24.50
		1	13	23.34	23.40	23.45	24.50
		1	24	23.29	23.21	23.30	24.50
		12	0	22.40	22.37	22.27	23.50
		12	6	22.50	22.46	22.46	23.50
		12	13	22.41	22.34	22.28	23.50
		25	0	22.26	22.33	22.38	23.50
	16QAM	1	0	22.83	22.76	22.85	23.50
		1	13	22.66	22.62	22.64	23.50
		1	24	22.48	22.53	22.59	23.50
		12	0	21.42	21.32	21.35	22.50
		12	6	21.40	21.36	21.27	22.50
		12	13	21.43	21.36	21.27	22.50
		25	0	21.47	21.47	21.43	22.50
	64QAM	1	0	21.38	21.43	21.52	22.50
		1	13	21.63	21.60	21.61	22.50
		1	24	21.26	21.30	21.20	22.50
		12	0	20.48	20.46	20.46	21.50
		12	6	20.30	20.36	20.32	21.50
		12	13	20.28	20.34	20.39	21.50
		25	0	20.43	20.38	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	23.35	/	24.50
		1	25	/	23.30	/	24.50
		1	49	/	23.26	/	24.50
		25	0	/	22.40	/	23.50
		25	13	/	22.38	/	23.50
		25	25	/	22.33	/	23.50
		50	0	/	22.36	/	23.50
	16QAM	1	0	/	22.66	/	23.50
		1	25	/	22.55	/	23.50
		1	49	/	22.50	/	23.50
		25	0	/	21.40	/	22.50



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		25	13	/	21.36	/	22.50
		25	25	/	21.33	/	22.50
		50	0	/	21.40	/	22.50
	64QAM	1	0	/	21.51	/	22.50
		1	25	/	21.50	/	22.50
		1	49	/	21.31	/	22.50
		25	0	/	20.40	/	21.50
		25	13	/	20.38	/	21.50
		25	25	/	20.35	/	21.50
		50	0	/	20.38	/	21.50

LTE FDD Band 13 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23230	/	24.50
		1	13	/	23.44	/	24.50
		1	24	/	23.22	/	24.50
		12	0	/	23.19	/	24.50
		12	6	/	22.43	/	23.50
		12	13	/	22.39	/	23.50
		25	0	/	22.57	/	23.50
	16QAM	1	0	/	22.41	/	23.50
		1	13	/	22.61	/	23.50
		1	24	/	22.51	/	23.50
		12	0	/	22.59	/	23.50
		12	6	/	21.29	/	22.50
		12	13	/	21.45	/	22.50
		25	0	/	21.42	/	22.50
	64QAM	1	0	/	21.32	/	22.50
		1	13	/	21.58	/	22.50
		1	24	/	21.54	/	22.50
		12	0	/	21.47	/	22.50
		12	6	/	20.27	/	21.50
		12	13	/	20.46	/	21.50
		25	0	/	20.38	/	21.50
10MHz	QPSK	1	0	/	20.36	/	21.50
		1	13	/	23.44	/	24.50
		1	25	/	23.15	/	24.50
		1	49	/	23.18	/	24.50
		25	0	/	22.5	/	23.50
		25	13	/	22.47	/	23.50
		25	25	/	22.49	/	23.50
	16QAM	50	0	/	22.49	/	23.50
		1	0	/	22.61	/	23.50
		1	25	/	22.41	/	23.50
		1	49	/	22.52	/	23.50
		25	0	/	21.29	/	22.50
		25	13	/	21.35	/	22.50
		25	25	/	21.34	/	22.50
	64QAM	50	0	/	21.37	/	22.50
		1	0	/	21.49	/	22.50
		1	25	/	21.52	/	22.50
		1	49	/	21.47	/	22.50
		25	0	/	20.29	/	21.50
		25	13	/	20.37	/	21.50
		25	25	/	20.36	/	21.50
		50	0	/	20.34	/	21.50



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LTE FDD Band 17 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23790	/	24.50
		1	13	/	23.42	/	24.50
		1	24	/	23.36	/	24.50
		12	0	/	23.33	/	24.50
		12	6	/	22.50	/	23.50
		12	13	/	22.25	/	23.50
		25	0	/	22.18	/	23.50
	16QAM	1	0	/	22.08	/	23.50
		1	13	/	22.07	/	23.50
		1	24	/	22.20	/	23.50
		12	0	/	22.58	/	23.50
		12	6	/	21.25	/	22.50
		12	13	/	21.08	/	22.50
		25	0	/	20.90	/	22.50
	64QAM	1	0	/	21.14	/	22.50
		1	13	/	21.47	/	22.50
		1	24	/	21.11	/	22.50
		12	0	/	21.42	/	22.50
		12	6	/	20.38	/	21.50
		12	13	/	20.38	/	21.50
		25	0	/	20.26	/	21.50
10MHz	QPSK	1	0	/	20.42	/	21.50
		1	25	/	23.45	/	24.50
		1	49	/	23.26	/	24.50
		25	0	/	23.39	/	24.50
		25	13	/	22.45	/	23.50
		25	25	/	22.25	/	23.50
		50	0	/	22.25	/	23.50
	16QAM	1	0	/	21.98	/	23.50
		1	25	/	22.10	/	23.50
		1	49	/	22.10	/	23.50
		25	0	/	22.55	/	23.50
		25	13	/	21.17	/	22.50
		25	25	/	21.15	/	22.50
		50	0	/	21.00	/	22.50
	64QAM	1	0	/	21.18	/	22.50
		1	25	/	21.37	/	22.50
		1	49	/	21.18	/	22.50
		25	0	/	21.38	/	22.50
		25	13	/	20.41	/	21.50
		25	25	/	20.36	/	21.50
		50	0	/	20.29	/	21.50



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LTE Band 26 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.97	24.03	24.09	25.00
		1	2	24.25	24.19	24.22	25.00
		1	5	23.93	23.87	23.93	25.00
		3	0	24.09	24.00	23.93	25.00
		3	2	23.90	23.88	23.88	25.00
		3	3	24.10	24.16	24.20	25.00
		6	0	23.18	23.25	23.17	24.00
	16QAM	1	0	23.40	23.30	23.37	24.00
		1	2	22.85	22.89	22.93	24.00
		1	5	23.24	23.17	23.10	24.00
		3	0	23.33	23.23	23.33	24.00
		3	2	23.22	23.25	23.35	24.00
		3	3	23.21	23.11	23.01	24.00
		6	0	22.41	22.36	22.32	23.00
	64QAM	1	0	22.34	22.27	22.30	23.00
		1	2	22.09	22.15	22.24	23.00
		1	5	22.20	22.24	22.18	23.00
		3	0	22.12	22.14	22.22	23.00
		3	2	22.32	22.42	22.38	23.00
		3	3	22.30	22.20	22.24	23.00
		6	0	21.43	21.39	21.36	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	24.04	24.06	24.10	25.00
		1	7	24.22	24.17	24.13	25.00
		1	14	24.11	24.12	24.09	25.00
		8	0	22.96	23.02	22.99	24.00
		8	4	23.11	23.13	23.15	24.00
		8	7	23.03	23.03	23.06	24.00
		15	0	23.10	23.16	23.22	24.00
	16QAM	1	0	23.30	23.28	23.33	24.00
		1	7	22.96	23.00	23.08	24.00
		1	14	23.04	23.06	23.07	24.00
		8	0	22.15	22.18	22.15	23.00
		8	4	22.22	22.14	22.14	23.00
		8	7	22.20	22.27	22.24	23.00
		15	0	22.21	22.15	22.07	23.00
	64QAM	1	0	22.27	22.17	22.22	23.00
		1	7	22.30	22.23	22.16	23.00
		1	14	22.06	22.07	22.16	23.00
		8	0	21.15	21.06	21.09	22.00
		8	4	21.06	21.06	20.99	22.00
		8	7	21.05	21.13	21.18	22.00
		15	0	21.14	21.06	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	24.14	24.08	23.98	25.00
		1	13	24.14	24.16	24.09	25.00
		1	24	24.16	24.09	24.15	25.00
		12	0	23.12	23.09	23.02	24.00
		12	6	22.96	23.04	22.97	24.00
		12	13	23.19	23.22	23.18	24.00
		25	0	23.29	23.30	23.21	24.00
	16QAM	1	0	23.23	23.28	23.20	24.00
		1	13	23.08	23.07	23.12	24.00



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		1	24	23.21	23.26	23.22	24.00
		12	0	22.39	22.31	22.26	23.00
		12	6	22.10	22.00	22.07	23.00
		12	13	22.04	22.08	22.06	23.00
		25	0	22.15	22.17	22.11	23.00
		1	0	22.32	22.27	22.23	23.00
		1	13	22.09	22.10	22.19	23.00
		1	24	22.15	22.24	22.26	23.00
		12	0	21.14	21.04	21.03	22.00
		12	6	21.34	21.33	21.23	22.00
	64QAM	12	13	21.28	21.29	21.22	22.00
		25	0	21.29	21.35	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	24.00	24.09	24.13	25.00
		1	25	24.12	24.14	24.16	25.00
		1	49	24.04	23.97	24.07	25.00
		25	0	23.26	23.17	23.15	24.00
		25	13	23.26	23.20	23.24	24.00
		25	25	23.08	23.04	22.95	24.00
	16QAM	50	0	23.21	23.26	23.16	24.00
		1	0	23.15	23.17	23.19	24.00
		1	25	23.11	23.12	23.21	24.00
		1	49	23.17	23.17	23.14	24.00
		25	0	22.28	22.21	22.25	23.00
		25	13	22.26	22.24	22.15	23.00
	64QAM	25	25	22.13	22.19	22.21	23.00
		50	0	22.38	22.29	22.39	23.00
		1	0	22.30	22.39	22.44	23.00
		1	25	22.18	22.27	22.32	23.00
		1	49	22.10	22.13	22.21	23.00
		25	0	21.30	21.26	21.24	22.00
		25	13	21.23	21.18	21.17	22.00
		25	25	21.04	21.11	21.21	22.00
		50	0	21.14	21.24	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	24.03	/	25.00
		1	38	/	24.06	/	25.00
		1	74	/	23.99	/	25.00
		36	0	/	23.18	/	24.00
		36	18	/	23.14	/	24.00
		36	39	/	23.13	/	24.00
	16QAM	75	0	/	23.21	/	24.00
		1	0	/	23.22	/	24.00
		1	38	/	23.08	/	24.00
		1	74	/	23.13	/	24.00
		36	0	/	22.20	/	23.00
		36	18	/	22.16	/	23.00
	64QAM	36	39	/	22.15	/	23.00
		75	0	/	22.22	/	23.00
		1	0	/	22.32	/	23.00
		1	38	/	22.25	/	23.00
		1	74	/	22.17	/	23.00
		36	0	/	21.22	/	22.00
		36	18	/	21.21	/	22.00
		36	39	/	21.18	/	22.00
		75	0	/	21.21	/	22.00



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LTE Band 71 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.43	23.5	23.42	24.50
		1	13	23.35	23.4	23.35	24.50
		1	24	23.35	23.44	23.45	24.50
		12	0	22.39	22.49	22.4	23.50
		12	6	22.57	22.55	22.55	23.50
		12	13	22.38	22.39	22.38	23.50
		25	0	22.33	22.24	22.34	23.50
	16QAM	1	0	22.51	22.61	22.65	23.50
		1	13	22.59	22.58	22.56	23.50
		1	24	22.33	22.29	22.23	23.50
		12	0	21.42	21.33	21.27	22.50
		12	6	21.32	21.38	21.42	22.50
		12	13	21.44	21.41	21.31	22.50
		25	0	21.23	21.26	21.29	22.50
	64QAM	1	0	21.39	21.35	21.43	22.50
		1	13	21.45	21.44	21.35	22.50
		1	24	21.48	21.45	21.44	22.50
		12	0	20.57	20.51	20.51	21.50
		12	6	20.32	20.37	20.40	21.50
		12	13	20.51	20.55	20.46	21.50
		25	0	20.18	20.28	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	23.47	23.49	23.44	24.50
		1	25	23.21	23.24	23.3	24.50
		1	49	23.39	23.4	23.48	24.50
		25	0	22.44	22.48	22.52	23.50
		25	13	22.4	22.5	22.47	23.50
		25	25	22.53	22.5	22.52	23.50
		50	0	22.41	22.32	22.4	23.50
	16QAM	1	0	22.46	22.45	22.41	23.50
		1	25	22.67	22.73	22.8	23.50
		1	49	22.53	22.43	22.33	23.50
		25	0	21.53	21.44	21.38	22.50
		25	13	21.5	21.4	21.43	22.50
		25	25	21.41	21.35	21.45	22.50
		50	0	21.47	21.51	21.53	22.50
	64QAM	1	0	21.39	21.32	21.30	22.50
		1	25	21.52	21.50	21.49	22.50
		1	49	21.58	21.51	21.47	22.50
		25	0	20.30	20.34	20.43	21.50
		25	13	20.19	20.27	20.23	21.50
		25	25	20.42	20.38	20.46	21.50
		50	0	20.62	20.52	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133297	/	
15MHz	QPSK	1	0	/	23.45	/	24.50
		1	38	/	23.34	/	24.50
		1	74	/	23.34	/	24.50
		36	0	/	22.42	/	23.50
		36	18	/	22.46	/	23.50
		36	39	/	22.44	/	23.50
		75	0	/	22.42	/	23.50
	16QAM	1	0	/	22.5	/	23.50
		1	38	/	22.64	/	23.50



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		1	74	/	22.42	/	23.50
		36	0	/	21.42	/	22.50
		36	18	/	21.42	/	22.50
		36	39	/	21.43	/	22.50
		75	0	/	21.44	/	22.50
	64QAM	1	0	/	21.35	/	22.50
		1	38	/	21.46	/	22.50
		1	74	/	21.48	/	22.50
		36	0	/	20.38	/	21.50
		36	18	/	20.37	/	21.50
		36	39	/	20.41	/	21.50
		75	0	/	20.45	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	22.92	/	24.50
		1	50	/	23.32	/	24.50
		1	99	/	23.16	/	24.50
		50	0	/	22.38	/	23.50
		50	25	/	22.33	/	23.50
		50	50	/	22.46	/	23.50
		100	0	/	22.47	/	23.50
	16QAM	1	0	/	22.45	/	23.50
		1	50	/	22.49	/	23.50
		1	99	/	22.63	/	23.50
		50	0	/	21.35	/	22.50
		50	25	/	21.34	/	22.50
		50	50	/	21.46	/	22.50
		100	0	/	21.45	/	22.50
	64QAM	1	0	/	21.21	/	22.50
		1	50	/	21.42	/	22.50
		1	99	/	21.43	/	22.50
		50	0	/	20.42	/	21.50
		50	25	/	20.34	/	21.50
		50	50	/	20.50	/	21.50
		100	0	/	20.43	/	21.50



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1.2 Conducted Power of Legacy (Ant1)

GSM 850 State1										
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	32.09	31.96	32.06	32.90	-9.19	22.90	22.77	22.87	23.71
GPRS (GMSK)	1 TX Slot	32.03	31.96	32.00	32.90	-9.19	22.84	22.77	22.81	23.71
	2 TX Slots	29.49	29.48	29.51	31.40	-6.18	23.31	23.30	23.33	25.22
	3 TX Slots	27.60	27.59	27.69	28.40	-4.42	23.18	23.17	23.27	23.98
	4 TX Slots	26.31	26.30	26.43	27.40	-3.17	23.14	23.13	23.26	24.23
EGPRS (GMSK)	1 TX Slot	32.08	31.90	32.00	32.90	-9.19	22.89	22.71	22.81	23.71
	2 TX Slots	29.52	29.40	29.50	31.40	-6.18	23.34	23.22	23.32	25.22
	3 TX Slots	27.60	27.63	27.65	28.40	-4.42	23.18	23.21	23.23	23.98
	4 TX Slots	26.22	26.22	26.45	27.40	-3.17	23.05	23.05	23.28	24.23
EGPRS (8PSK)	1 TX Slot	27.17	27.11	27.12	27.90	-9.19	17.98	17.92	17.93	18.71
	2 TX Slots	25.37	25.34	25.33	25.90	-6.18	19.19	19.16	19.15	19.72
	3 TX Slots	23.11	23.14	23.18	23.90	-4.42	18.69	18.72	18.76	19.48
	4 TX Slots	21.81	21.84	21.79	21.90	-3.17	18.64	18.67	18.62	18.73

GSM 850 State2										
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	31.67	31.59	31.53	31.90	-9.19	22.48	22.40	22.34	22.71
GPRS (GMSK)	1 TX Slot	31.62	31.51	31.55	31.90	-9.19	22.43	22.32	22.36	22.71
	2 TX Slots	28.84	28.75	28.81	30.40	-6.18	22.66	22.57	22.63	24.22
	3 TX Slots	27.58	27.58	27.67	28.40	-4.42	23.16	23.16	23.25	23.98
	4 TX Slots	26.31	26.28	26.29	26.40	-3.17	23.14	23.11	23.12	23.23
EGPRS (GMSK)	1 TX Slot	31.61	31.50	31.53	31.90	-9.19	22.42	22.31	22.34	22.71
	2 TX Slots	28.84	28.75	28.79	30.40	-6.18	22.66	22.57	22.61	24.22
	3 TX Slots	27.58	27.57	27.75	28.40	-4.42	23.16	23.15	23.33	23.98
	4 TX Slots	26.23	26.32	26.36	26.40	-3.17	23.06	23.15	23.19	23.23
EGPRS (8PSK)	1 TX Slot	26.89	26.85	26.55	26.90	-9.19	17.70	17.66	17.36	17.71
	2 TX Slots	24.17	24.10	24.01	24.90	-6.18	17.99	17.92	17.83	18.72
	3 TX Slots	22.50	22.23	22.02	22.90	-4.42	18.08	17.81	17.60	18.48
	4 TX Slots	21.51	21.32	21.26	21.90	-3.17	18.34	18.15	18.09	18.73



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GSM 850 State3										
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	31.71	31.68	31.68	32.40	-9.19	22.52	22.49	22.49	23.21
GPRS (GMSK)	1 TX Slot	31.76	31.69	31.75	32.40	-9.19	22.57	22.50	22.56	23.21
	2 TX Slots	28.95	28.93	29.01	30.90	-6.18	22.77	22.75	22.83	24.72
	3 TX Slots	27.20	27.18	27.29	28.90	-4.42	22.78	22.76	22.87	24.48
	4 TX Slots	25.95	25.99	26.05	26.90	-3.17	22.78	22.82	22.88	23.73
EGPRS (GMSK)	1 TX Slot	31.79	31.71	31.78	32.40	-9.19	22.60	22.52	22.59	23.21
	2 TX Slots	28.93	28.99	28.99	30.90	-6.18	22.75	22.81	22.81	24.72
	3 TX Slots	27.11	27.23	27.19	28.90	-4.42	22.69	22.81	22.77	24.48
	4 TX Slots	26.05	26.09	25.99	26.90	-3.17	22.88	22.92	22.82	23.73
EGPRS (8PSK)	1 TX Slot	27.03	27.01	27.07	27.40	-9.19	17.84	17.82	17.88	18.21
	2 TX Slots	25.37	25.25	25.31	25.40	-6.18	19.19	19.07	19.13	19.22
	3 TX Slots	23.19	23.22	23.21	23.40	-4.42	18.77	18.80	18.79	18.98
	4 TX Slots	21.38	21.28	21.29	21.40	-3.17	18.21	18.11	18.12	18.23

GSM 850 State4										
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	31.23	31.25	31.24	31.40	-9.19	22.04	22.06	22.05	22.21
GPRS (GMSK)	1 TX Slot	31.32	31.21	31.24	31.40	-9.19	22.13	22.02	22.05	22.21
	2 TX Slots	28.93	28.91	28.99	29.90	-6.18	22.75	22.73	22.81	23.72
	3 TX Slots	27.17	27.17	27.27	27.90	-4.42	22.75	22.75	22.85	23.48
	4 TX Slots	25.43	25.35	25.46	25.90	-3.17	22.26	22.18	22.29	22.73
EGPRS (GMSK)	1 TX Slot	31.31	31.21	31.24	31.40	-9.19	22.12	22.02	22.05	22.21
	2 TX Slots	29.01	28.87	29.01	29.90	-6.18	22.83	22.69	22.83	23.72
	3 TX Slots	27.27	27.16	27.30	27.90	-4.42	22.85	22.74	22.88	23.48
	4 TX Slots	25.46	25.88	25.44	25.90	-3.17	22.29	22.71	22.27	22.73
EGPRS (8PSK)	1 TX Slot	26.40	26.34	26.31	26.40	-9.19	17.21	17.15	17.12	17.21
	2 TX Slots	24.11	23.93	23.87	24.40	-6.18	17.93	17.75	17.69	18.22
	3 TX Slots	22.10	22.23	22.04	22.40	-4.42	17.68	17.81	17.62	17.98
	4 TX Slots	21.64	21.53	21.27	21.90	-3.17	18.47	18.36	18.10	18.73



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WCDMA Band V State1/2/3/4					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.98	23.96	24.01	24.40
	12.2kbps AMR	23.95	23.92	24.00	24.40
HSDPA	Subtest 1	23.07	23.08	23.04	24.40
	Subtest 2	23.08	23.10	23.04	24.40
	Subtest 3	22.62	22.64	22.56	23.40
	Subtest 4	22.56	22.63	22.53	23.40
DC-HSDPA	Subtest 1	23.03	23.05	22.99	24.40
	Subtest 2	23.12	23.05	23.05	24.40
	Subtest 3	22.67	22.59	22.53	23.40
	Subtest 4	22.55	22.64	22.52	23.40
HSUPA	Subtest 1	21.03	21.03	21.02	22.40
	Subtest 2	21.03	21.04	21.01	22.40
	Subtest 3	22.06	22.07	22.02	23.40
	Subtest 4	20.55	20.56	20.54	22.40
HSPA+	Subtest 5	22.04	22.03	22.05	23.40
	16QAM	21.06	21.08	21.11	22.40

LTE Band 5 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	24.60
		1	2	23.67	23.71	23.72	24.60
		1	5	23.59	23.53	23.47	24.60
		3	0	23.74	23.67	23.65	24.60
		3	2	23.77	23.68	23.77	24.60
		3	3	23.83	23.90	23.93	24.60
	16QAM	3	3	23.69	23.65	23.63	24.60
		6	0	22.79	22.71	22.62	23.60
		1	0	22.86	22.80	22.71	23.60
		1	2	22.88	22.92	22.84	23.60
		1	5	22.93	23.00	22.99	23.60
		3	0	22.75	22.71	22.74	23.60
	64QAM	3	2	22.60	22.59	22.51	23.60
		3	3	22.98	22.91	22.83	23.60
		6	0	21.74	21.83	21.86	22.60
		1	0	22.07	22.01	22.03	22.60
		1	2	21.98	22.01	21.95	22.60
		1	5	21.58	21.50	21.44	22.60
3MHz	QPSK	3	0	21.83	21.84	21.77	22.60
		3	2	21.49	21.59	21.68	22.60
		3	3	21.72	21.67	21.77	22.60
		6	0	20.87	20.78	20.79	21.60
	16QAM	1	0	23.70	23.76	23.71	24.60
		1	7	23.72	23.74	23.84	24.60
		1	14	23.62	23.67	23.57	24.60
		8	0	22.58	22.65	22.61	23.60
		8	4	22.62	22.69	22.59	23.60
		8	7	22.72	22.78	22.77	23.60
		15	0	22.79	22.85	22.87	23.60
		1	0	23.11	23.13	23.07	23.60
	16QAM	1	7	23.12	23.15	23.14	23.60
		1	14	22.89	22.84	22.94	23.60
		8	0	21.81	21.73	21.68	22.60
		8	4	21.62	21.60	21.54	22.60
		8	7	21.89	21.84	21.82	22.60



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		15	0	21.82	21.89	21.81	22.60
	64QAM	1	0	21.64	21.65	21.62	22.60
		1	7	21.84	21.90	21.92	22.60
		1	14	21.38	21.31	21.26	22.60
		8	0	20.91	20.86	20.95	21.60
		8	4	20.84	20.90	20.80	21.60
		8	7	20.72	20.75	20.75	21.60
		15	0	20.87	20.83	20.76	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.46	23.53	23.48	24.60
		1	13	23.68	23.59	23.66	24.60
		1	24	23.83	23.82	23.91	24.60
		12	0	22.87	22.77	22.80	23.60
		12	6	22.88	22.78	22.85	23.60
		12	13	22.97	22.89	22.87	23.60
		25	0	22.80	22.87	22.92	23.60
	16QAM	1	0	22.99	22.95	23.04	23.60
		1	13	23.05	22.97	22.99	23.60
		1	24	23.08	23.06	23.09	23.60
		12	0	21.70	21.66	21.60	22.60
		12	6	21.72	21.68	21.58	22.60
		12	13	21.81	21.72	21.66	22.60
		25	0	21.79	21.86	21.79	22.60
	64QAM	1	0	21.76	21.79	21.72	22.60
		1	13	22.01	22.00	22.05	22.60
		1	24	21.25	21.35	21.31	22.60
		12	0	20.87	20.82	20.86	21.60
		12	6	20.81	20.86	20.79	21.60
		12	13	20.64	20.67	20.63	21.60
		25	0	20.94	20.86	20.89	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	23.63	/	24.60
		1	25	/	23.61	/	24.60
		1	49	/	23.74	/	24.60
		25	0	/	22.71	/	23.60
		25	13	/	22.78	/	23.60
		25	25	/	22.79	/	23.60
		50	0	/	22.79	/	23.60
	16QAM	1	0	/	22.97	/	23.60
		1	25	/	23.03	/	23.60
		1	49	/	22.96	/	23.60
		25	0	/	21.67	/	22.60
		25	13	/	21.70	/	22.60
		25	25	/	21.72	/	22.60
		50	0	/	21.76	/	22.60
	64QAM	1	0	/	21.78	/	22.60
		1	25	/	21.97	/	22.60
		1	49	/	21.32	/	22.60
		25	0	/	20.77	/	21.60
		25	13	/	20.82	/	21.60
		25	25	/	20.77	/	21.60
		50	0	/	20.81	/	21.60

LTE FDD Band 12 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.14	23.14	23.14	23.90



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		1	2	23.16	23.22	23.18	23.90
		1	5	23.13	23.10	23.19	23.90
		3	0	23.08	23.14	23.08	23.90
		3	2	23.26	23.33	23.34	23.90
		3	3	23.28	23.34	23.32	23.90
		6	0	22.25	22.28	22.25	22.90
	16QAM	1	0	22.25	22.28	22.19	22.90
		1	2	22.52	22.46	22.46	22.90
		1	5	22.49	22.49	22.44	22.90
		3	0	22.16	22.18	22.09	22.90
		3	2	22.20	22.28	22.28	22.90
		3	3	22.26	22.20	22.22	22.90
	64QAM	6	0	21.52	21.48	21.49	21.90
		1	0	21.27	21.24	21.17	21.90
		1	2	21.12	21.09	20.99	21.90
		1	5	21.22	21.31	21.25	21.90
		3	0	21.24	21.26	21.36	21.90
		3	2	21.24	21.21	21.14	21.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.21	23.20	23.23	23.90
		1	7	23.21	23.17	23.22	23.90
		1	14	23.23	23.25	23.23	23.90
		8	0	22.27	22.22	22.17	22.90
		8	4	22.17	22.18	22.18	22.90
		8	7	22.32	22.25	22.16	22.90
	16QAM	15	0	22.44	22.37	22.33	22.90
		1	0	22.27	22.37	22.38	22.90
		1	7	22.11	22.21	22.13	22.90
		1	14	22.38	22.39	22.41	22.90
		8	0	21.40	21.33	21.31	21.90
		8	4	21.26	21.22	21.24	21.90
	64QAM	8	7	21.45	21.39	21.43	21.90
		15	0	21.21	21.21	21.17	21.90
		1	0	21.46	21.55	21.57	21.90
		1	7	21.15	21.16	21.16	21.90
		1	14	21.19	21.26	21.28	21.90
		8	0	20.26	20.27	20.24	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.31	23.24	23.22	23.90
		1	13	22.97	23.07	23.13	23.90
		1	24	23.12	23.14	23.23	23.90
		12	0	22.36	22.32	22.27	22.90
		12	6	22.24	22.27	22.30	22.90
		12	13	22.28	22.18	22.26	22.90
	16QAM	25	0	22.13	22.15	22.18	22.90
		1	0	22.51	22.42	22.43	22.90
		1	13	22.30	22.25	22.33	22.90
		1	24	22.30	22.34	22.43	22.90
		12	0	21.28	21.21	21.29	21.90
		12	6	21.18	21.26	21.23	21.90
	64QAM	12	13	21.33	21.29	21.32	21.90
		25	0	21.23	21.24	21.28	21.90
		1	0	21.45	21.40	21.39	21.90
		1	13	21.30	21.27	21.20	21.90



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		1	24	21.07	21.13	21.22	21.90
		12	0	20.31	20.30	20.24	20.90
		12	6	20.20	20.30	20.26	20.90
		12	13	20.11	20.17	20.19	20.90
		25	0	20.18	20.25	20.23	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	23.22	/	23.90
		1	25	/	23.16	/	23.90
		1	49	/	23.17	/	23.90
		25	0	/	22.25	/	22.90
		25	13	/	22.24	/	22.90
		25	25	/	22.23	/	22.90
		50	0	/	22.24	/	22.90
	16QAM	1	0	/	22.51	/	22.90
		1	25	/	22.32	/	22.90
		1	49	/	22.28	/	22.90
		25	0	/	21.23	/	21.90
		25	13	/	21.24	/	21.90
		25	25	/	21.25	/	21.90
		50	0	/	21.27	/	21.90
	64QAM	1	0	/	21.43	/	21.90
		1	25	/	21.18	/	21.90
		1	49	/	21.12	/	21.90
		25	0	/	20.20	/	20.90
		25	13	/	20.22	/	20.90
		25	25	/	20.17	/	20.90
		50	0	/	20.21	/	20.90

LTE FDD Band 13 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.17	/	23.90
		1	13	/	23.11	/	23.90
		1	24	/	23.03	/	23.90
		12	0	/	22.34	/	22.90
		12	6	/	22.18	/	22.90
		12	13	/	22.22	/	22.90
		25	0	/	22.18	/	22.90
	16QAM	1	0	/	22.44	/	22.90
		1	13	/	22.46	/	22.90
		1	24	/	22.35	/	22.90
		12	0	/	21.09	/	21.90
		12	6	/	21.24	/	21.90
		12	13	/	21.01	/	21.90
		25	0	/	21.13	/	21.90
	64QAM	1	0	/	21.34	/	21.90
		1	13	/	21.24	/	21.90
		1	24	/	21.27	/	21.90
		12	0	/	20.12	/	20.90
		12	6	/	20.21	/	20.90
		12	13	/	20.03	/	20.90
		25	0	/	20.11	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.23	/	23.90
		1	25	/	23.14	/	23.90
		1	49	/	23.06	/	23.90
		25	0	/	22.26	/	22.90



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		25	13	/	22.23	/	22.90
		25	25	/	22.23	/	22.90
		50	0	/	22.28	/	22.90
		1	0	/	22.46	/	22.90
	16QAM	1	25	/	22.36	/	22.90
		1	49	/	22.45	/	22.90
		25	0	/	21.18	/	21.90
		25	13	/	21.19	/	21.90
		25	25	/	21.11	/	21.90
		50	0	/	21.09	/	21.90
	64QAM	1	0	/	21.29	/	21.90
		1	25	/	21.27	/	21.90
		1	49	/	21.21	/	21.90
		25	0	/	20.17	/	20.90
		25	13	/	20.14	/	20.90
		25	25	/	20.10	/	20.90
		50	0	/	20.13	/	20.90

LTE FDD Band 17 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23.29	/	23.90
		1	13	/	23.27	/	23.90
		1	24	/	23.30	/	23.90
		12	0	/	22.23	/	22.90
		12	6	/	22.22	/	22.90
		12	13	/	22.28	/	22.90
		25	0	/	21.92	/	22.90
		1	0	/	22.42	/	22.90
	16QAM	1	13	/	22.40	/	22.90
		1	24	/	22.13	/	22.90
		12	0	/	21.30	/	21.90
		12	6	/	21.23	/	21.90
		12	13	/	21.24	/	21.90
		25	0	/	21.36	/	21.90
		1	0	/	21.04	/	21.90
		1	13	/	20.94	/	21.90
	64QAM	1	24	/	21.40	/	21.90
		12	0	/	20.33	/	20.90
		12	6	/	20.30	/	20.90
		12	13	/	20.04	/	20.90
		25	0	/	20.30	/	20.90
		1	0	/	23.23	/	23.90
		1	25	/	23.20	/	23.90
		1	49	/	23.26	/	23.90
		25	0	/	22.23	/	22.90
		25	13	/	22.12	/	22.90
		25	25	/	22.19	/	22.90
		50	0	/	22.02	/	22.90
		1	0	/	22.41	/	22.90
10MHz	QPSK	1	25	/	22.38	/	22.90
		1	49	/	22.23	/	22.90
		25	0	/	21.20	/	21.90
		25	13	/	21.15	/	21.90
		25	25	/	21.17	/	21.90
		50	0	/	21.27	/	21.90
	16QAM	1	0	/	21.10	/	21.90
		1	25	/	21.10	/	21.90
		1	49	/	21.10	/	21.90
		25	0	/	21.10	/	21.90
		25	13	/	21.10	/	21.90
		25	25	/	21.10	/	21.90
		50	0	/	21.10	/	21.90
	64QAM	1	0	/	21.10	/	21.90



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		1	25	/	21.02	/	21.90
		1	49	/	21.43	/	21.90
		25	0	/	20.27	/	20.90
		25	13	/	20.20	/	20.90
		25	25	/	20.14	/	20.90
		50	0	/	20.25	/	20.90

LTE Band 26 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.97	23.87	23.82	24.60
		1	2	23.40	23.44	23.51	24.60
		1	5	23.75	23.83	23.92	24.60
		3	0	23.83	23.84	23.82	24.60
		3	2	23.89	23.82	23.72	24.60
		3	3	23.79	23.76	23.75	24.60
	16QAM	6	0	22.79	22.70	22.74	23.60
		1	0	23.06	23.07	22.97	23.60
		1	2	23.17	23.09	23.11	23.60
		1	5	22.89	22.85	22.83	23.60
		3	0	22.90	22.92	22.98	23.60
		3	2	23.04	23.04	22.97	23.60
	64QAM	3	3	22.97	22.94	22.91	23.60
		6	0	21.96	21.99	22.02	22.60
		1	0	21.83	21.88	21.94	22.60
		1	2	22.02	21.97	21.96	22.60
		1	5	22.06	22.09	22.10	22.60
		3	0	21.64	21.60	21.57	22.60
3MHz	QPSK	3	2	21.82	21.90	21.91	22.60
		3	3	21.91	21.81	21.72	22.60
		6	0	20.76	20.81	20.81	21.60
	16QAM	1	0	26705	26865	27025	
		1	7	23.64	23.69	23.63	24.60
		1	14	23.87	23.80	23.70	24.60
		8	0	23.63	23.61	23.58	24.60
		8	4	22.92	22.91	22.89	23.60
		8	7	22.84	22.94	22.96	23.60
	64QAM	8	7	22.82	22.90	22.95	23.60
		15	0	22.89	22.89	22.89	23.60
		1	0	23.19	23.21	23.26	23.60
		1	7	23.09	23.01	22.96	23.60
		1	14	22.73	22.79	22.77	23.60
		8	0	21.77	21.67	21.70	22.60
5MHz	QPSK	8	4	21.94	21.99	22.07	22.60
		8	7	21.93	21.98	21.95	22.60
		15	0	21.93	21.91	21.90	22.60
	16QAM	1	0	21.87	21.92	21.86	22.60
		1	7	21.86	21.77	21.82	22.60
		1	14	21.76	21.75	21.70	22.60
	64QAM	8	0	20.75	20.81	20.75	21.60
		8	4	20.81	20.83	20.85	21.60
		8	7	20.90	20.90	20.83	21.60
		15	0	21.12	21.10	21.15	21.60
	QPSK	1	0	26715	26865	27015	
		1	13	23.76	23.71	23.73	24.60
		1	24	23.84	23.76	23.77	24.60
				23.54	23.55	23.54	24.60



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		12	0	22.78	22.86	22.95	23.60
		12	6	22.79	22.77	22.80	23.60
		12	13	22.85	22.78	22.69	23.60
		25	0	22.72	22.80	22.82	23.60
	16QAM	1	0	23.13	23.19	23.13	23.60
		1	13	23.25	23.21	23.29	23.60
		1	24	22.85	22.88	22.86	23.60
		12	0	21.86	21.93	21.90	22.60
		12	6	22.11	22.06	21.97	22.60
		12	13	21.88	21.88	21.92	22.60
		25	0	21.82	21.91	21.86	22.60
	64QAM	1	0	22.18	22.15	22.14	22.60
		1	13	21.95	21.94	22.00	22.60
		1	24	21.69	21.79	21.84	22.60
		12	0	20.98	20.89	20.82	21.60
		12	6	21.07	21.02	21.02	21.60
		12	13	21.06	20.97	20.96	21.60
		25	0	20.76	20.82	20.84	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.58	23.68	23.78	24.60
		1	25	23.66	23.70	23.60	24.60
		1	49	23.72	23.62	23.54	24.60
		25	0	22.96	22.94	22.87	23.60
		25	13	22.80	22.81	22.88	23.60
		25	25	22.92	22.89	22.79	23.60
		50	0	22.75	22.84	22.78	23.60
	16QAM	1	0	23.05	23.13	23.16	23.60
		1	25	22.93	22.99	22.98	23.60
		1	49	23.04	22.99	23.05	23.60
		25	0	21.99	21.89	21.88	22.60
		25	13	21.79	21.76	21.82	22.60
		25	25	21.77	21.87	21.78	22.60
		50	0	21.82	21.89	21.84	22.60
	64QAM	1	0	22.04	22.07	22.01	22.60
		1	25	21.93	21.94	21.93	22.60
		1	49	21.68	21.78	21.83	22.60
		25	0	20.82	20.82	20.80	21.60
		25	13	20.79	20.77	20.67	21.60
		25	25	20.86	20.91	21.00	21.60
		50	0	20.97	20.92	20.96	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.76	/	24.60
		1	38	/	23.73	/	24.60
		1	74	/	23.68	/	24.60
		36	0	/	22.87	/	23.60
		36	18	/	22.80	/	23.60
		36	39	/	22.83	/	23.60
		75	0	/	22.87	/	23.60
	16QAM	1	0	/	23.08	/	23.60
		1	38	/	23.03	/	23.60
		1	74	/	22.97	/	23.60
		36	0	/	21.87	/	22.60
		36	18	/	21.86	/	22.60
		36	39	/	21.85	/	22.60
		75	0	/	21.88	/	22.60
	64QAM	1	0	/	22.00	/	22.60
		1	38	/	21.93	/	22.60
		1	74	/	21.88	/	22.60
		36	0	/	20.88	/	21.60



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		36	18	/	20.87	/	21.60
		36	39	/	20.90	/	21.60
		75	0	/	20.88	/	21.60

LTE Band 71 State1/2/3/4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				133147	133297	133447		
5MHz	QPSK	1	0	23.3	23.31	23.34	23.90	
		1	13	23.31	23.32	23.31	23.90	
		1	24	23.3	23.36	23.36	23.90	
		12	0	22.51	22.43	22.44	22.90	
		12	6	22.23	22.31	22.38	22.90	
		12	13	22.56	22.51	22.5	22.90	
		25	0	22.36	22.39	22.45	22.90	
		16QAM	1	0	22.68	22.78	22.86	22.90
			1	13	22.52	22.5	22.59	22.90
			1	24	22.54	22.51	22.55	22.90
			12	0	21.21	21.28	21.27	21.90
			12	6	21.23	21.3	21.26	21.90
	12		13	21.44	21.43	21.39	21.90	
		25	0	21.55	21.45	21.39	21.90	
		64QAM	1	0	21.25	21.33	21.29	21.90
			1	13	21.65	21.65	21.63	21.90
			1	24	21.40	21.36	21.34	21.90
			12	0	20.51	20.51	20.45	20.90
			12	6	20.49	20.54	20.47	20.90
	12		13	20.24	20.31	20.31	20.90	
		25	0	20.35	20.37	20.29	20.90	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					133172	133297	133422	
	10MHz	QPSK	1	0	23.27	23.35	23.27	23.90
1			25	23.24	23.26	23.18	23.90	
1			49	23.34	23.25	23.25	23.90	
25			0	22.46	22.46	22.5	22.90	
25			13	22.42	22.42	22.39	22.90	
25			25	22.48	22.4	22.31	22.90	
		50	0	22.43	22.35	22.35	22.90	
		16QAM	1	0	22.53	22.62	22.57	22.90
			1	25	22.43	22.41	22.42	22.90
			1	49	22.52	22.56	22.48	22.90
			25	0	21.47	21.44	21.41	21.90
			25	13	21.44	21.36	21.39	21.90
25			25	21.51	21.53	21.56	21.90	
		50	0	21.39	21.38	21.44	21.90	
		64QAM	1	0	21.18	21.27	21.25	21.90
			1	25	21.56	21.48	21.42	21.90
			1	49	21.50	21.51	21.43	21.90
			25	0	20.48	20.43	20.46	20.90
			25	13	20.24	20.34	20.35	20.90
25			25	20.42	20.48	20.49	20.90	
		50	0	20.57	20.53	20.55	20.90	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	133297	/	
15MHz		QPSK	1	0	/	23.36	/	23.90
	1		38	/	23.29	/	23.90	
	1		74	/	23.26	/	23.90	
	36		0	/	22.4	/	22.90	
	36		18	/	22.38	/	22.90	
	36		39	/	22.38	/	22.90	



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	16QAM	75	0	/	22.39	/	22.90
		1	0	/	22.61	/	22.90
		1	38	/	22.5	/	22.90
		1	74	/	22.47	/	22.90
		36	0	/	21.36	/	21.90
		36	18	/	21.38	/	21.90
		36	39	/	21.43	/	21.90
	64QAM	75	0	/	21.4	/	21.90
		1	0	/	21.36	/	21.90
		1	38	/	21.53	/	21.90
		1	74	/	21.44	/	21.90
		36	0	/	20.36	/	20.90
		36	18	/	20.39	/	20.90
		36	39	/	20.38	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	22.99	/	23.90
		1	50	/	23.15	/	23.90
		1	99	/	23.19	/	23.90
		50	0	/	22.29	/	22.90
		50	25	/	22.36	/	22.90
		50	50	/	22.32	/	22.90
	16QAM	100	0	/	22.29	/	22.90
		1	0	/	22.54	/	22.90
		1	50	/	22.48	/	22.90
		1	99	/	22.39	/	22.90
		50	0	/	21.28	/	21.90
		50	25	/	21.34	/	21.90
	64QAM	50	50	/	21.31	/	21.90
		100	0	/	21.27	/	21.90
		1	0	/	21.28	/	21.90
		1	50	/	21.16	/	21.90
		1	99	/	21.29	/	21.90
		50	0	/	20.28	/	20.90
		50	25	/	20.28	/	20.90
		50	50	/	20.31	/	20.90
		100	0	/	20.26	/	20.90



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1.3 Conducted Power of Legacy (Ant4)

GSM 1900 State2/4										
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	28.67	28.59	28.66	30.50	-9.19	19.48	19.40	19.47	21.31
GPRS (GMSK)	1 TX Slot	28.66	28.58	28.59	30.50	-9.19	19.47	19.39	19.40	21.31
	2 TX Slots	26.90	26.85	26.83	27.50	-6.18	20.72	20.67	20.65	21.32
	3 TX Slots	24.17	24.10	24.13	25.50	-4.42	19.75	19.68	19.71	21.08
	4 TX Slots	23.13	23.07	23.09	25.00	-3.17	19.96	19.90	19.92	21.83
EGPRS (GMSK)	1 TX Slot	28.62	28.59	28.69	30.50	-9.19	19.43	19.40	19.50	21.31
	2 TX Slots	26.88	26.83	26.82	27.50	-6.18	20.70	20.65	20.64	21.32
	3 TX Slots	24.20	24.19	24.04	25.50	-4.42	19.78	19.77	19.62	21.08
	4 TX Slots	23.21	23.11	23.12	25.00	-3.17	20.04	19.94	19.95	21.83
EGPRS (8PSK)	1 TX Slot	25.55	25.51	25.57	27.50	-9.19	16.36	16.32	16.38	18.31
	2 TX Slots	23.91	23.94	23.99	25.50	-6.18	17.73	17.76	17.81	19.32
	3 TX Slots	21.67	21.69	21.67	23.50	-4.42	17.25	17.27	17.25	19.08
	4 TX Slots	19.94	20.41	19.94	21.50	-3.17	16.77	17.24	16.77	18.33

GSM 1900 State1										
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	28.43	28.33	28.33	30.00	-9.19	19.24	19.14	19.14	20.81
GPRS (GMSK)	1 TX Slot	28.43	28.36	28.37	30.00	-9.19	19.24	19.17	19.18	20.81
	2 TX Slots	27.02	26.96	26.97	27.50	-6.18	20.84	20.78	20.79	21.32
	3 TX Slots	23.82	23.76	23.78	25.00	-4.42	19.40	19.34	19.36	20.58
	4 TX Slots	22.83	22.73	22.81	24.50	-3.17	19.66	19.56	19.64	21.33
EGPRS (GMSK)	1 TX Slot	28.47	28.26	28.33	30.00	-9.19	19.28	19.07	19.14	20.81
	2 TX Slots	27.01	26.95	26.97	27.50	-6.18	20.83	20.77	20.79	21.32
	3 TX Slots	23.76	23.67	23.81	25.00	-4.42	19.34	19.25	19.39	20.58
	4 TX Slots	22.76	22.81	22.83	24.50	-3.17	19.59	19.64	19.66	21.33
EGPRS (8PSK)	1 TX Slot	25.65	25.58	25.57	27.00	-9.19	16.46	16.39	16.38	17.81
	2 TX Slots	23.95	23.99	24.01	25.00	-6.18	17.77	17.81	17.83	18.82
	3 TX Slots	21.68	21.69	21.62	23.00	-4.42	17.26	17.27	17.20	18.58



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4 TX Slots	19.95	20.58	19.94	21.00	-3.17	16.78	17.41	16.77	17.83
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GSM 1900 State3										
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	27.57	27.43	27.47	29.00	-9.19	18.38	18.24	18.28	19.81
GPRS (GMSK)	1 TX Slot	27.53	27.48	27.49	29.00	-9.19	18.34	18.29	18.30	19.81
	2 TX Slots	25.59	25.58	25.60	26.50	-6.18	19.41	19.40	19.42	20.32
	3 TX Slots	22.81	22.71	22.76	24.50	-4.42	18.39	18.29	18.34	20.08
	4 TX Slots	21.59	21.59	21.55	23.50	-3.17	18.42	18.42	18.38	20.33
EGPRS (GMSK)	1 TX Slot	27.45	27.46	27.42	29.00	-9.19	18.26	18.27	18.23	19.81
	2 TX Slots	25.53	25.61	25.56	26.50	-6.18	19.35	19.43	19.38	20.32
	3 TX Slots	22.82	22.68	22.69	24.50	-4.42	18.40	18.26	18.27	20.08
	4 TX Slots	21.68	21.55	21.53	23.50	-3.17	18.51	18.38	18.36	20.33
EGPRS (8PSK)	1 TX Slot	25.65	25.62	25.64	26.00	-9.19	16.46	16.43	16.45	16.81
	2 TX Slots	22.60	22.09	22.63	24.00	-6.18	16.42	15.91	16.45	17.82
	3 TX Slots	20.97	20.80	20.94	22.00	-4.42	16.55	16.38	16.52	17.58
	4 TX Slots	19.77	19.13	19.68	20.00	-3.17	16.60	15.96	16.51	16.83

WCDMA Band II State2/4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.43	23.51	23.59	25.00
	12.2kbps AMR	23.35	23.53	23.51	25.00
HSDPA	Subtest 1	23.32	23.36	23.39	25.00
	Subtest 2	23.34	23.38	23.40	25.00
	Subtest 3	22.98	23.02	23.09	24.00
	Subtest 4	22.98	22.99	23.02	24.00
DC-HSDPA	Subtest 1	23.30	23.38	23.36	25.00
	Subtest 2	23.35	23.37	23.35	25.00
	Subtest 3	22.98	23.03	23.14	24.00
	Subtest 4	22.98	22.95	23.05	24.00
HSUPA	Subtest 1	21.53	21.56	21.60	23.00
	Subtest 2	21.55	21.58	21.62	23.00
	Subtest 3	22.54	22.57	22.60	24.00
	Subtest 4	21.07	21.09	21.16	23.00
	Subtest 5	22.54	22.58	22.64	24.00
HSPA+	16QAM	21.28	21.29	21.28	23.00

WCDMA Band II State1					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.62	21.67	21.77	23.00
	12.2kbps AMR	21.53	21.58	21.76	23.00
HSDPA	Subtest 1	21.42	21.46	21.51	23.00
	Subtest 2	21.44	21.45	21.50	23.00



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DC-HSDPA	Subtest 3	21.48	21.49	21.55	22.00
	Subtest 4	21.42	21.50	21.50	22.00
	Subtest 1	21.40	21.46	21.48	23.00
	Subtest 2	21.48	21.40	21.54	23.00
	Subtest 3	21.51	21.53	21.59	22.00
HSDPA	Subtest 4	21.40	21.46	21.54	22.00
	Subtest 1	21.53	21.55	21.58	23.00
	Subtest 2	21.55	21.60	21.60	22.00
	Subtest 3	22.55	22.59	22.62	23.00
	Subtest 4	21.04	21.08	21.15	22.00
HSPA+	16QAM	21.35	21.33	21.41	22.00

WCDMA Band II State3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.59	20.62	20.71	22.00
	12.2kbps AMR	20.64	20.56	20.69	22.00
HSDPA	Subtest 1	20.46	20.48	20.53	22.00
	Subtest 2	20.48	20.51	20.51	22.00
	Subtest 3	20.52	20.51	20.60	22.00
	Subtest 4	20.47	20.46	20.54	22.00
DC-HSDPA	Subtest 1	20.44	20.46	20.51	22.00
	Subtest 2	20.47	20.56	20.51	22.00
	Subtest 3	20.51	20.46	20.61	22.00
	Subtest 4	20.46	20.51	20.59	22.00
HSDPA	Subtest 1	20.43	20.46	20.51	22.00
	Subtest 2	20.48	20.51	20.52	22.00
	Subtest 3	20.48	20.50	20.56	22.00
	Subtest 4	20.45	20.51	20.55	22.00
	Subtest 5	20.45	20.50	20.58	22.00
HSPA+	16QAM	20.35	20.41	20.44	22.00

WCDMA Band IV State2/4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.64	23.49	23.73	25.00
	12.2kbps AMR	23.54	23.43	23.65	25.00
HSDPA	Subtest 1	23.56	23.59	23.60	25.00
	Subtest 2	23.57	23.61	23.60	25.00
	Subtest 3	23.25	23.27	23.27	24.00
	Subtest 4	23.22	23.22	23.23	24.00
DC-HSDPA	Subtest 1	23.54	23.62	23.63	25.00
	Subtest 2	23.56	23.62	23.58	25.00
	Subtest 3	23.21	23.23	23.26	24.00
	Subtest 4	23.24	23.25	23.22	24.00
HSDPA	Subtest 1	21.60	21.68	21.81	23.00
	Subtest 2	21.61	21.69	21.80	23.00
	Subtest 3	22.64	22.71	22.83	24.00
	Subtest 4	21.19	21.23	21.34	23.00
	Subtest 5	22.63	22.69	22.84	24.00
HSPA+	16QAM	21.55	21.56	21.57	23.00

WCDMA Band IV State1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.81	21.58	21.76	23.00
	12.2kbps AMR	21.9	21.61	21.8	23.00
HSDPA	Subtest 1	21.68	21.71	21.73	23.00



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	Subtest 2	21.69	21.71	21.73	23.00
	Subtest 3	21.66	21.76	21.76	23.00
	Subtest 4	21.68	21.72	21.72	23.00
	Subtest 1	21.73	21.73	21.68	23.00
DC-HSDPA	Subtest 2	21.69	21.68	21.69	23.00
	Subtest 3	21.63	21.77	21.72	23.00
	Subtest 4	21.68	21.68	21.72	23.00
	Subtest 1	21.66	21.69	21.74	23.00
HSUPA	Subtest 2	21.68	21.71	21.75	23.00
	Subtest 3	21.66	21.69	21.74	23.00
	Subtest 4	21.67	21.70	21.76	23.00
	Subtest 5	21.68	21.70	21.75	23.00
HSPA+	16QAM	21.59	21.62	21.63	23.00

WCDMA Band IV State3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.7	20.57	20.81	22.00
	12.2kbps AMR	20.77	20.56	20.77	22.00
HSDPA	Subtest 1	20.67	20.70	20.72	22.00
	Subtest 2	20.67	20.73	20.71	22.00
	Subtest 3	20.72	20.78	20.78	22.00
	Subtest 4	20.72	20.73	20.77	22.00
DC-HSDPA	Subtest 1	20.66	20.73	20.68	22.00
	Subtest 2	20.68	20.68	20.66	22.00
	Subtest 3	20.69	20.73	20.79	22.00
	Subtest 4	20.74	20.68	20.74	22.00
HSUPA	Subtest 1	20.66	20.67	20.71	22.00
	Subtest 2	20.68	20.72	20.75	22.00
	Subtest 3	20.69	20.73	20.76	22.00
	Subtest 4	20.69	20.70	20.76	22.00
	Subtest 5	20.69	20.71	20.76	22.00
HSPA+	16QAM	20.59	20.58	20.61	22.00

LTE Band 2 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.79	22.68	22.57	24.50
		1	2	22.63	22.52	22.59	24.50
		1	5	22.55	22.68	22.60	24.50
		3	0	23.38	23.63	23.34	24.50
		3	2	23.48	23.83	23.65	24.50
		3	3	23.86	23.68	23.60	24.50
	16QAM	6	0	22.68	22.83	22.65	23.50
		1	0	22.01	21.92	22.35	23.50
		1	2	22.38	22.34	22.08	23.50
		1	5	22.24	21.56	22.10	23.50
		3	0	22.24	22.20	22.19	23.50
		3	2	22.12	21.90	22.32	23.50
	64QAM	3	3	22.21	22.23	22.47	23.50
		6	0	21.25	21.24	21.16	22.50
		1	0	20.89	21.00	21.36	22.50
		1	2	21.44	20.78	21.16	22.50
		1	5	21.15	21.42	21.35	22.50
		3	0	21.26	21.28	21.09	22.50
		3	2	21.46	21.13	21.36	22.50
		3	3	21.29	21.29	21.34	22.50
		6	0	20.25	20.00	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				18615	18900	19185		
3MHz	QPSK	1	0	22.74	22.61	22.62	24.50	
		1	7	22.54	22.60	22.57	24.50	
		1	14	22.58	22.66	22.58	24.50	
		8	0	22.46	22.54	22.28	23.50	
		8	4	22.50	22.82	22.69	23.50	
		8	7	22.77	22.66	22.54	23.50	
	16QAM	15	0	22.64	22.77	22.68	23.50	
		1	0	22.10	21.98	22.31	23.50	
		1	7	22.33	22.43	22.09	23.50	
		1	14	22.18	21.61	22.08	23.50	
		8	0	21.17	21.23	21.16	22.50	
		8	4	21.22	20.93	21.26	22.50	
	64QAM	8	7	21.25	21.31	21.45	22.50	
		15	0	21.35	21.19	21.17	22.50	
		1	0	20.89	21.07	21.46	22.50	
		1	7	21.47	20.80	21.10	22.50	
		1	14	21.25	21.32	21.29	22.50	
		8	0	20.27	20.22	20.12	21.50	
		8	4	20.38	20.13	20.37	21.50	
		8	7	20.27	20.22	20.43	21.50	
		15	0	20.25	20.09	20.17	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	22.69	22.51	22.62	24.50	
		1	13	22.62	22.65	22.55	24.50	
		1	24	22.61	22.69	22.65	24.50	
		12	0	22.55	22.59	22.38	23.50	
		12	6	22.58	22.77	22.73	23.50	
		12	13	22.83	22.67	22.57	23.50	
	16QAM	25	0	22.62	22.75	22.68	23.50	
		1	0	22.13	21.88	22.27	23.50	
		1	13	22.40	22.36	22.15	23.50	
		1	24	22.12	21.69	22.15	23.50	
		12	0	21.26	21.25	21.20	22.50	
		12	6	21.28	21.03	21.23	22.50	
	64QAM	12	13	21.34	21.23	21.42	22.50	
		25	0	21.25	21.28	21.12	22.50	
		1	0	20.96	21.00	21.37	22.50	
		1	13	21.47	20.87	21.20	22.50	
		1	24	21.23	21.39	21.26	22.50	
		12	0	20.31	20.20	20.11	21.50	
		12	6	20.29	20.11	20.35	21.50	
		12	13	20.29	20.23	20.38	21.50	
		25	0	20.22	20.12	20.10	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
10MHz	QPSK	1	0	22.60	22.50	22.59	24.50	
		1	25	22.58	22.68	22.64	24.50	
		1	49	22.69	22.71	22.74	24.50	
		25	0	22.62	22.51	22.48	23.50	
		25	13	22.66	22.69	22.63	23.50	
		25	25	22.73	22.58	22.53	23.50	
	16QAM	50	0	22.53	22.76	22.61	23.50	
		1	0	22.16	21.91	22.25	23.50	
		1	25	22.36	22.40	22.22	23.50	
		1	49	22.21	21.67	22.20	23.50	
		25	0	21.27	21.26	21.21	22.50	
		25	13	21.26	21.10	21.27	22.50	
	25	25	21.39	21.20	21.33	22.50		
	50	0	21.16	21.25	21.03	22.50		



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		1	0	20.97	21.00	21.34	22.50
		1	25	21.51	20.95	21.12	22.50
		1	49	21.18	21.39	21.25	22.50
		25	0	20.32	20.21	20.16	21.50
		25	13	20.38	20.15	20.30	21.50
		25	25	20.39	20.24	20.30	21.50
		50	0	20.31	20.20	20.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	22.63	22.56	22.55	24.50
		1	38	22.57	22.58	22.68	24.50
		1	74	22.67	22.62	22.65	24.50
		36	0	22.56	22.56	22.55	23.50
		36	18	22.63	22.67	22.57	23.50
		36	39	22.69	22.52	22.51	23.50
		75	0	22.58	22.66	22.65	23.50
	16QAM	1	0	22.24	22.00	22.21	23.50
		1	38	22.26	22.31	22.14	23.50
		1	74	22.23	21.62	22.19	23.50
		36	0	21.19	21.29	21.21	22.50
		36	18	21.24	21.13	21.25	22.50
		36	39	21.35	21.22	21.25	22.50
		75	0	21.16	21.20	21.12	22.50
	64QAM	1	0	21.03	20.99	21.33	22.50
		1	38	21.44	21.00	21.06	22.50
		1	74	21.18	21.38	21.20	22.50
		36	0	20.26	20.19	20.15	21.50
		36	18	20.32	20.21	20.28	21.50
		36	39	20.42	20.26	20.22	21.50
		75	0	20.23	20.30	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.57	22.51	22.53	24.50
		1	50	22.66	22.65	22.70	24.50
		1	99	22.61	22.61	22.65	24.50
		50	0	22.66	22.62	22.58	23.50
		50	25	22.70	22.65	22.67	23.50
		50	50	22.71	22.60	22.58	23.50
		100	0	22.68	22.61	22.58	23.50
	16QAM	1	0	22.32	22.05	22.26	23.50
		1	50	22.35	22.39	22.22	23.50
		1	99	22.30	21.66	22.29	23.50
		50	0	21.18	21.22	21.19	22.50
		50	25	21.28	21.18	21.30	22.50
		50	50	21.25	21.23	21.23	22.50
		100	0	21.17	21.21	21.18	22.50
	64QAM	1	0	21.11	21.09	21.35	22.50
		1	50	21.43	21.01	21.14	22.50
		1	99	21.27	21.31	21.29	22.50
		50	0	20.24	20.23	20.22	21.50
		50	25	20.28	20.25	20.28	21.50
		50	50	20.32	20.20	20.21	21.50
		100	0	20.29	20.22	20.20	21.50

LTE Band 2 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	21.24	21.25	21.21	23.00
		1	2	21.31	21.43	21.11	23.00



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		1	5	21.34	21.39	21.40	23.00
		3	0	21.64	21.32	21.39	23.00
		3	2	21.49	21.34	21.41	23.00
		3	3	21.32	21.47	21.42	23.00
		6	0	21.22	21.13	21.30	23.00
	16QAM	1	0	21.03	21.02	21.10	23.00
		1	2	21.11	21.09	21.25	23.00
		1	5	21.02	21.10	21.13	23.00
		3	0	21.45	21.14	21.20	23.00
		3	2	21.49	21.13	21.49	23.00
		3	3	21.28	21.21	21.14	23.00
	64QAM	6	0	20.70	20.74	20.80	22.50
		1	0	20.54	20.93	20.99	22.50
		1	2	21.30	20.80	20.83	22.50
		1	5	20.82	20.62	20.80	22.50
		3	0	21.39	21.37	21.23	22.50
		3	2	20.96	21.52	21.59	22.50
		3	3	21.29	21.47	21.41	22.50
		6	0	20.24	20.08	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.29	21.15	21.25	23.00
		1	7	21.33	21.46	21.18	23.00
		1	14	21.25	21.30	21.37	23.00
		8	0	21.59	21.22	21.35	23.00
		8	4	21.57	21.40	21.46	23.00
		8	7	21.36	21.49	21.38	23.00
	16QAM	15	0	21.32	21.23	21.28	23.00
		1	0	21.04	21.05	21.03	23.00
		1	7	21.17	21.07	21.19	23.00
		1	14	21.10	21.10	21.08	23.00
		8	0	20.87	20.74	20.62	22.50
		8	4	20.89	20.61	21.00	22.50
		8	7	20.70	20.80	20.69	22.50
	64QAM	15	0	20.65	20.73	20.86	22.50
		1	0	20.57	20.84	20.89	22.50
		1	7	21.20	20.83	20.83	22.50
		1	14	20.76	20.62	20.84	22.50
		8	0	20.37	20.36	20.26	21.50
		8	4	20.02	20.42	20.51	21.50
		8	7	20.33	20.41	20.31	21.50
		15	0	20.28	20.01	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.26	21.16	21.22	23.00
		1	13	21.37	21.40	21.16	23.00
		1	24	21.34	21.39	21.41	23.00
		12	0	21.53	21.29	21.28	23.00
		12	6	21.55	21.39	21.50	23.00
		12	13	21.38	21.39	21.36	23.00
	16QAM	25	0	21.27	21.28	21.20	23.00
		1	0	21.01	21.13	21.00	23.00
		1	13	21.26	21.04	21.12	23.00
		1	24	21.14	21.04	21.09	23.00
		12	0	20.90	20.65	20.53	22.50
		12	6	20.95	20.71	20.96	22.50
		12	13	20.71	20.87	20.75	22.50
	64QAM	25	0	20.67	20.72	20.83	22.50
		1	0	20.51	20.93	20.84	22.50
		1	13	21.16	20.85	20.83	22.50
		1	24	20.77	20.68	20.82	22.50



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		12	0	20.44	20.41	20.31	21.50	
		12	6	20.10	20.45	20.46	21.50	
		12	13	20.33	20.47	20.30	21.50	
		25	0	20.35	20.03	20.18	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	21.31	21.24	21.20	23.00	
		1	25	21.40	21.39	21.15	23.00	
		1	49	21.33	21.29	21.34	23.00	
		25	0	21.48	21.26	21.31	23.00	
		25	13	21.45	21.29	21.42	23.00	
		25	25	21.47	21.41	21.46	23.00	
		50	0	21.32	21.32	21.23	23.00	
	16QAM	1	0	21.04	21.09	21.04	23.00	
		1	25	21.22	21.03	21.06	23.00	
		1	49	21.04	21.02	21.01	23.00	
		25	0	20.96	20.64	20.63	22.50	
		25	13	21.00	20.77	20.88	22.50	
		25	25	20.78	20.81	20.74	22.50	
		50	0	20.76	20.72	20.73	22.50	
	64QAM	1	0	20.60	20.84	20.83	22.50	
		1	25	21.13	20.90	20.89	22.50	
		1	49	20.67	20.62	20.88	22.50	
		25	0	20.41	20.47	20.22	21.50	
		25	13	20.19	20.45	20.42	21.50	
		25	25	20.40	20.40	20.22	21.50	
		50	0	20.26	20.13	20.16	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
	15MHz	QPSK	1	0	21.35	21.23	21.28	23.00
1			38	21.48	21.40	21.22	23.00	
1			74	21.26	21.29	21.39	23.00	
36			0	21.43	21.24	21.36	23.00	
36			18	21.46	21.38	21.40	23.00	
36			39	21.48	21.32	21.36	23.00	
75			0	21.29	21.32	21.25	23.00	
16QAM		1	0	21.01	21.00	21.03	23.00	
		1	38	21.19	21.13	21.15	23.00	
		1	74	21.12	21.09	21.01	23.00	
		36	0	20.86	20.72	20.67	22.50	
		36	18	20.92	20.82	20.90	22.50	
		36	39	20.88	20.75	20.73	22.50	
		75	0	20.80	20.76	20.67	22.50	
64QAM		1	0	20.69	20.78	20.80	22.50	
		1	38	21.17	20.91	20.80	22.50	
		1	74	20.77	20.72	20.89	22.50	
		36	0	20.32	20.37	20.23	21.50	
		36	18	20.24	20.37	20.42	21.50	
		36	39	20.45	20.35	20.27	21.50	
		75	0	20.29	20.19	20.26	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
20MHz		QPSK	1	0	21.26	21.16	21.23	23.00
	1		50	21.40	21.37	21.24	23.00	
	1		99	21.36	21.27	21.29	23.00	
	50		0	21.37	21.31	21.27	23.00	
	50		25	21.39	21.29	21.32	23.00	
	50		50	21.41	21.30	21.27	23.00	
	16QAM	100	0	21.39	21.29	21.24	23.00	
		1	0	21.07	21.00	21.01	23.00	
		1	50	21.12	21.08	21.08	23.00	



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		1	99	21.07	21.04	21.02	23.00
		50	0	20.81	20.73	20.76	22.50
		50	25	20.84	20.81	20.80	22.50
		50	50	20.88	20.75	20.76	22.50
		100	0	20.86	20.72	20.72	22.50
	64QAM	1	0	20.72	20.84	20.85	22.50
		1	50	21.07	20.93	20.72	22.50
		1	99	20.84	20.77	20.92	22.50
		50	0	20.31	20.29	20.24	21.50
		50	25	20.34	20.28	20.32	21.50
		50	50	20.39	20.30	20.24	21.50
		100	0	20.32	20.22	20.20	21.50

LTE Band 2 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.28	20.08	20.06	22.00
		1	2	20.39	20.31	20.16	22.00
		1	5	20.27	20.06	20.12	22.00
		3	0	20.22	20.29	20.06	22.00
		3	2	20.16	20.20	20.06	22.00
		3	3	20.46	20.15	20.03	22.00
	16QAM	6	0	20.24	20.04	20.02	22.00
		1	0	20.16	20.35	20.38	22.00
		1	2	20.58	20.66	20.37	22.00
		1	5	20.57	20.54	20.36	22.00
		3	0	20.15	20.49	20.07	22.00
		3	2	20.35	20.36	20.13	22.00
	64QAM	3	3	20.18	20.04	20.28	22.00
		6	0	20.21	20.19	20.11	22.00
		1	0	20.49	20.28	20.35	22.00
		1	2	20.40	20.22	20.21	22.00
		1	5	20.30	20.24	20.08	22.00
		3	0	20.45	20.28	20.23	22.00
3MHz	QPSK	3	2	20.11	20.36	20.16	22.00
		3	3	20.29	20.23	20.07	22.00
		6	0	19.96	19.80	19.57	21.50
	16QAM	1	0	20.26	20.11	20.08	22.00
		1	7	20.41	20.31	20.22	22.00
		1	14	20.36	20.09	20.22	22.00
	64QAM	8	0	20.19	20.24	20.00	22.00
		8	4	20.25	20.22	20.14	22.00
		8	7	20.36	20.20	20.08	22.00
	16QAM	15	0	20.17	20.08	20.05	22.00
		1	0	20.21	20.45	20.48	22.00
		1	7	20.66	20.66	20.47	22.00
		1	14	20.49	20.48	20.46	22.00
	64QAM	8	0	20.10	20.41	20.13	22.00
		8	4	20.32	20.31	20.18	22.00
		8	7	20.09	20.05	20.33	22.00
	16QAM	15	0	20.28	20.15	20.16	22.00
		1	0	20.52	20.22	20.35	22.00
		1	7	20.46	20.27	20.31	22.00
		1	14	20.20	20.28	20.08	22.00
	64QAM	8	0	20.05	19.84	19.80	21.50
		8	4	19.67	19.77	19.64	21.50
		8	7	19.77	19.64	19.67	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		15	0	20.05	19.76	19.60	21.50
				18625	18900	19175	
5MHz	QPSK	1	0	20.25	20.16	20.10	22.00
		1	13	20.35	20.24	20.14	22.00
		1	24	20.28	20.19	20.13	22.00
		12	0	20.16	20.34	20.09	22.00
		12	6	20.32	20.13	20.18	22.00
		12	13	20.31	20.19	20.08	22.00
		25	0	20.19	20.01	20.09	22.00
	16QAM	1	0	20.24	20.39	20.41	22.00
		1	13	20.65	20.56	20.41	22.00
		1	24	20.40	20.39	20.51	22.00
		12	0	20.14	20.42	20.18	22.00
		12	6	20.26	20.24	20.25	22.00
		12	13	20.04	20.02	20.25	22.00
		25	0	20.27	20.23	20.07	22.00
	64QAM	1	0	20.50	20.22	20.32	22.00
		1	13	20.41	20.29	20.21	22.00
		1	24	20.24	20.23	20.04	22.00
		12	0	19.53	19.85	19.70	21.50
		12	6	19.70	19.76	19.73	21.50
		12	13	19.85	19.66	19.61	21.50
		25	0	19.96	19.68	19.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.26	20.18	20.06	22.00
		1	25	20.43	20.28	20.17	22.00
		1	49	20.25	20.24	20.08	22.00
		25	0	20.26	20.32	20.19	22.00
		25	13	20.41	20.17	20.15	22.00
		25	25	20.39	20.23	20.15	22.00
		50	0	20.28	20.06	20.07	22.00
	16QAM	1	0	20.33	20.30	20.35	22.00
		1	25	20.64	20.52	20.36	22.00
		1	49	20.46	20.38	20.48	22.00
		25	0	20.22	20.32	20.12	22.00
		25	13	20.26	20.26	20.19	22.00
		25	25	20.11	20.02	20.20	22.00
		50	0	20.19	20.32	20.13	22.00
	64QAM	1	0	20.44	20.32	20.31	22.00
		1	25	20.41	20.31	20.22	22.00
		1	49	20.29	20.29	20.10	22.00
		25	0	19.63	19.80	19.71	21.50
		25	13	19.75	19.68	19.73	21.50
		25	25	19.86	19.73	19.57	21.50
		50	0	19.86	19.75	19.60	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.21	20.12	20.09	22.00
		1	38	20.34	20.34	20.14	22.00
		1	74	20.17	20.18	20.06	22.00
		36	0	20.19	20.26	20.09	22.00
		36	18	20.35	20.26	20.25	22.00
		36	39	20.30	20.29	20.21	22.00
		75	0	20.19	20.12	20.13	22.00
	16QAM	1	0	20.34	20.38	20.34	22.00
		1	38	20.59	20.44	20.35	22.00
		1	74	20.42	20.36	20.58	22.00
		36	0	20.19	20.25	20.11	22.00
		36	18	20.32	20.29	20.21	22.00



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	64QAM	36	39	20.09	20.11	20.19	22.00
		75	0	20.24	20.28	20.10	22.00
		1	0	20.44	20.33	20.29	22.00
		1	38	20.45	20.34	20.31	22.00
		1	74	20.27	20.36	20.01	22.00
		36	0	19.71	19.78	19.75	21.50
		36	18	19.72	19.67	19.74	21.50
		36	39	19.84	19.73	19.67	21.50
		75	0	19.81	19.71	19.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	20.16	20.11	20.17	22.00
		1	50	20.35	20.24	20.23	22.00
		1	99	20.23	20.18	20.16	22.00
		50	0	20.28	20.24	20.16	22.00
		50	25	20.27	20.22	20.24	22.00
		50	50	20.36	20.26	20.21	22.00
		100	0	20.28	20.20	20.16	22.00
	16QAM	1	0	20.33	20.39	20.43	22.00
		1	50	20.58	20.37	20.40	22.00
		1	99	20.42	20.43	20.53	22.00
		50	0	20.22	20.17	20.05	22.00
		50	25	20.27	20.21	20.20	22.00
		50	50	20.17	20.21	20.17	22.00
		100	0	20.20	20.18	20.09	22.00
	64QAM	1	0	20.40	20.33	20.20	22.00
		1	50	20.45	20.36	20.38	22.00
		1	99	20.26	20.46	20.02	22.00
		50	0	19.81	19.74	19.70	21.50
		50	25	19.80	19.77	19.77	21.50
		50	50	19.86	19.74	19.75	21.50
		100	0	19.78	19.71	19.64	21.50

LTE Band 4 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.28	23.33	23.31	25.00
		1	2	23.33	23.32	23.40	25.00
		1	5	23.18	23.20	23.24	25.00
		3	0	24.32	24.32	24.31	25.00
		3	2	24.12	24.11	24.01	25.00
		3	3	24.53	24.50	24.51	25.00
	16QAM	6	0	22.98	22.98	22.88	24.00
		1	0	23.06	23.01	22.93	24.00
		1	2	23.03	23.12	23.12	24.00
		1	5	22.75	22.78	22.83	24.00
		3	0	23.53	23.43	23.47	24.00
		3	2	23.24	23.17	23.08	24.00
	64QAM	3	3	23.45	23.35	23.41	24.00
		6	0	22.40	22.32	22.22	23.00
		1	0	22.15	22.24	22.22	23.00
		1	2	22.25	22.22	22.30	23.00
		1	5	22.55	22.45	22.49	23.00
		3	0	22.32	22.22	22.32	23.00
		3	2	22.24	22.16	22.14	23.00
		3	3	22.16	22.25	22.27	23.00
		6	0	20.93	20.94	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up



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3MHz	QPSK	1	0	23.22	23.27	23.22	25.00
		1	7	23.20	23.30	23.21	25.00
		1	14	23.23	23.26	23.30	25.00
		8	0	23.32	23.39	23.47	24.00
		8	4	23.06	23.02	23.03	24.00
		8	7	23.35	23.40	23.47	24.00
		15	0	22.92	22.99	23.02	24.00
	16QAM	1	0	22.95	23.00	22.90	24.00
		1	7	23.15	23.22	23.32	24.00
		1	14	22.77	22.86	22.87	24.00
		8	0	22.55	22.48	22.56	23.00
		8	4	22.22	22.25	22.25	23.00
		8	7	22.48	22.39	22.45	23.00
		15	0	22.37	22.38	22.37	23.00
	64QAM	1	0	22.29	22.27	22.35	23.00
		1	7	22.30	22.27	22.30	23.00
		1	14	22.38	22.45	22.39	23.00
		8	0	21.24	21.28	21.35	22.00
		8	4	21.17	21.17	21.17	22.00
		8	7	21.38	21.31	21.22	22.00
		15	0	20.97	20.99	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.23	23.17	23.22	25.00
		1	13	23.11	23.20	23.29	25.00
		1	24	23.40	23.32	23.24	25.00
		12	0	23.43	23.33	23.32	24.00
		12	6	23.12	23.04	23.09	24.00
		12	13	23.39	23.31	23.21	24.00
		25	0	23.15	23.09	23.03	24.00
	16QAM	1	0	22.96	23.03	23.07	24.00
		1	13	23.26	23.21	23.14	24.00
		1	24	22.85	22.91	22.95	24.00
		12	0	22.42	22.39	22.46	23.00
		12	6	22.22	22.28	22.27	23.00
		12	13	22.44	22.48	22.51	23.00
		25	0	22.43	22.40	22.39	23.00
	64QAM	1	0	22.31	22.30	22.25	23.00
		1	13	22.35	22.36	22.29	23.00
		1	24	22.34	22.35	22.36	23.00
		12	0	21.24	21.32	21.42	22.00
		12	6	21.14	21.14	21.07	22.00
		12	13	21.31	21.33	21.33	22.00
		25	0	21.02	21.06	21.02	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.05	23.08	23.03	25.00
		1	25	23.19	23.25	23.17	25.00
		1	49	23.20	23.27	23.30	25.00
		25	0	23.29	23.25	23.19	24.00
		25	13	22.97	22.95	23.05	24.00
		25	25	23.35	23.33	23.31	24.00
		50	0	23.11	23.05	23.09	24.00
	16QAM	1	0	22.90	22.96	23.00	24.00
		1	25	23.17	23.12	23.09	24.00
		1	49	22.99	22.93	22.98	24.00
		25	0	22.36	22.31	22.36	23.00
		25	13	22.22	22.25	22.18	23.00
		25	25	22.34	22.38	22.41	23.00
		50	0	22.33	22.40	22.36	23.00
	64QAM	1	0	22.32	22.27	22.31	23.00



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		1	25	22.43	22.41	22.51	23.00
		1	49	22.44	22.39	22.41	23.00
		25	0	21.42	21.42	21.52	22.00
		25	13	21.06	21.09	21.17	22.00
		25	25	21.49	21.42	21.38	22.00
		50	0	21.20	21.11	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.05	23.08	23.01	25.00
		1	38	23.17	23.25	23.29	25.00
		1	74	23.14	23.18	23.14	25.00
		36	0	23.23	23.17	23.20	24.00
		36	18	22.99	23.05	23.03	24.00
		36	39	23.36	23.27	23.27	24.00
		75	0	23.03	23.04	23.02	24.00
	16QAM	1	0	22.95	23.00	22.90	24.00
		1	38	23.02	23.06	22.98	24.00
		1	74	22.99	23.03	23.10	24.00
		36	0	22.23	22.30	22.36	23.00
		36	18	22.30	22.35	22.40	23.00
		36	39	22.46	22.37	22.40	23.00
		75	0	22.36	22.33	22.29	23.00
	64QAM	1	0	22.19	22.23	22.19	23.00
		1	38	22.34	22.38	22.31	23.00
		1	74	22.39	22.44	22.41	23.00
		36	0	21.30	21.33	21.24	22.00
		36	18	21.10	21.18	21.27	22.00
		36	39	21.37	21.35	21.43	22.00
		75	0	21.29	21.21	21.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.05	/	25.00
		1	50	/	23.16	/	25.00
		1	99	/	23.25	/	25.00
		50	0	/	23.09	/	24.00
		50	25	/	23.13	/	24.00
		50	50	/	23.21	/	24.00
		100	0	/	23.11	/	24.00
	16QAM	1	0	/	22.90	/	24.00
		1	50	/	23.10	/	24.00
		1	99	/	23.07	/	24.00
		50	0	/	22.27	/	23.00
		50	25	/	22.32	/	23.00
		50	50	/	22.34	/	23.00
		100	0	/	22.32	/	23.00
	64QAM	1	0	/	22.14	/	23.00
		1	50	/	22.36	/	23.00
		1	99	/	22.37	/	23.00
		50	0	/	21.23	/	22.00
		50	25	/	21.28	/	22.00
		50	50	/	21.37	/	22.00
		100	0	/	21.29	/	22.00



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LTE Band 4 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.53	20.52	20.56	22.50
		1	2	21.03	21.07	21.05	22.50
		1	5	20.93	21.00	21.01	22.50
		3	0	20.65	20.75	20.70	22.50
		3	2	20.96	20.89	20.96	22.50
		3	3	20.59	20.58	20.67	22.50
		6	0	20.54	20.64	20.68	22.50
	16QAM	1	0	21.08	21.17	21.16	22.50
		1	2	20.98	21.01	20.98	22.50
		1	5	21.12	21.09	21.04	22.50
		3	0	20.94	20.91	20.89	22.50
		3	2	20.58	20.57	20.56	22.50
		3	3	20.69	20.75	20.76	22.50
		6	0	20.90	20.84	20.94	22.50
	64QAM	1	0	20.63	20.61	20.55	22.50
		1	2	21.08	21.06	21.14	22.50
		1	5	21.13	21.05	21.04	22.50
		3	0	21.06	20.99	21.03	22.50
		3	2	21.47	21.54	21.62	22.50
		3	3	21.20	21.23	21.29	22.50
		6	0	21.10	21.12	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.54	20.59	20.60	22.50
		1	7	21.05	21.03	21.01	22.50
		1	14	20.90	20.93	20.87	22.50
		8	0	20.75	20.73	20.65	22.50
		8	4	20.93	20.87	20.84	22.50
		8	7	20.75	20.68	20.78	22.50
		15	0	20.72	20.72	20.67	22.50
	16QAM	1	0	21.05	21.14	21.22	22.50
		1	7	21.07	21.03	20.97	22.50
		1	14	21.00	21.02	21.10	22.50
		8	0	21.00	20.92	20.94	22.50
		8	4	20.64	20.64	20.74	22.50
		8	7	20.63	20.67	20.70	22.50
		15	0	20.92	20.85	20.95	22.50
	64QAM	1	0	20.57	20.53	20.52	22.50
		1	7	20.98	20.98	20.95	22.50
		1	14	20.98	20.95	20.85	22.50
		8	0	20.52	20.46	20.51	22.00
		8	4	21.04	21.03	21.09	22.00
		8	7	20.85	20.78	20.75	22.00
		15	0	20.99	21.04	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.61	20.57	20.62	22.50
		1	13	21.03	20.93	20.88	22.50
		1	24	20.97	21.03	21.06	22.50
		12	0	20.66	20.72	20.82	22.50
		12	6	20.93	20.87	20.83	22.50
		12	13	20.57	20.60	20.68	22.50
		25	0	20.86	20.76	20.69	22.50
	16QAM	1	0	21.09	21.06	20.99	22.50
		1	13	21.22	21.12	21.08	22.50
		1	24	20.98	21.08	21.01	22.50



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		12	0	20.83	20.83	20.91	22.50
		12	6	20.66	20.64	20.63	22.50
		12	13	20.74	20.73	20.80	22.50
		25	0	20.66	20.75	20.83	22.50
	64QAM	1	0	20.51	20.50	20.55	22.50
		1	13	21.06	21.02	20.94	22.50
		1	24	20.93	20.85	20.87	22.50
		12	0	20.56	20.51	20.55	22.00
		12	6	21.05	20.97	20.96	22.00
		12	13	20.88	20.87	20.77	22.00
		25	0	21.08	20.99	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.55	20.60	20.67	22.50
		1	25	20.87	20.86	20.93	22.50
		1	49	20.87	20.97	20.87	22.50
		25	0	20.56	20.64	20.61	22.50
		25	13	20.93	20.88	20.90	22.50
		25	25	20.64	20.68	20.71	22.50
	16QAM	50	0	20.80	20.83	20.73	22.50
		1	0	21.07	20.97	20.97	22.50
		1	25	20.96	21.02	20.97	22.50
		1	49	21.14	21.16	21.23	22.50
		25	0	20.71	20.74	20.82	22.50
		25	13	20.61	20.71	20.66	22.50
		25	25	20.84	20.78	20.69	22.50
		50	0	20.80	20.81	20.83	22.50
	64QAM	1	0	20.50	20.54	20.51	22.50
		1	25	20.96	20.94	20.98	22.50
		1	49	20.90	20.82	20.82	22.50
		25	0	20.53	20.61	20.70	22.00
		25	13	20.80	20.88	20.96	22.00
		25	25	20.92	20.92	20.98	22.00
		50	0	20.97	20.89	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.69	20.64	20.68	22.50
		1	38	20.92	20.82	20.86	22.50
		1	74	20.90	20.91	20.93	22.50
		36	0	20.71	20.66	20.72	22.50
		36	18	20.98	20.88	20.90	22.50
		36	39	20.75	20.77	20.87	22.50
	16QAM	75	0	20.77	20.76	20.80	22.50
		1	0	21.03	20.99	20.97	22.50
		1	38	21.10	21.08	21.13	22.50
		1	74	21.27	21.22	21.32	22.50
		36	0	20.72	20.69	20.79	22.50
		36	18	20.69	20.75	20.83	22.50
	64QAM	36	39	20.67	20.77	20.85	22.50
		75	0	20.63	20.72	20.76	22.50
		1	0	20.57	20.53	20.56	22.50
		1	38	20.86	20.86	20.88	22.50
		1	74	20.75	20.85	20.86	22.50
		36	0	20.69	20.68	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	20.68	/	22.50
		1	50	/	20.79	/	22.50



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		1	99	/	20.88	/	22.50
		50	0	/	20.73	/	22.50
		50	25	/	20.81	/	22.50
		50	50	/	20.84	/	22.50
		100	0	/	20.81	/	22.50
	16QAM	1	0	/	20.91	/	22.50
		1	50	/	21.06	/	22.50
		1	99	/	21.18	/	22.50
		50	0	/	20.75	/	22.50
		50	25	/	20.79	/	22.50
	64QAM	50	50	/	20.84	/	22.50
		100	0	/	20.81	/	22.50
		1	0	/	20.60	/	22.50
		1	50	/	20.90	/	22.50
		1	99	/	20.86	/	22.50
		50	0	/	20.75	/	22.00
		50	25	/	20.81	/	22.00
		50	50	/	20.84	/	22.00
		100	0	/	20.78	/	22.00

LTE Band 4 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	19.72	19.67	19.74	21.50
		1	2	19.62	19.52	19.50	21.50
		1	5	20.04	19.94	19.97	21.50
		3	0	19.90	19.88	19.78	21.50
		3	2	19.61	19.66	19.76	21.50
		3	3	19.65	19.70	19.66	21.50
	16QAM	6	0	19.63	19.62	19.58	21.50
		1	0	19.70	19.61	19.68	21.50
		1	2	20.11	20.05	20.08	21.50
		1	5	19.51	19.57	19.51	21.50
		3	0	19.52	19.61	19.66	21.50
		3	2	19.78	19.85	19.95	21.50
	64QAM	3	3	19.65	19.67	19.77	21.50
		6	0	19.81	19.76	19.81	21.50
		1	0	19.73	19.70	19.61	21.50
		1	2	19.78	19.85	19.88	21.50
		1	5	20.05	19.98	20.08	21.50
		3	0	19.72	19.70	19.70	21.50
3MHz	QPSK	3	2	19.77	19.83	19.77	21.50
		3	3	19.71	19.67	19.64	21.50
		6	0	19.55	19.65	19.65	21.50
	16QAM	1	0	19.52	19.57	19.54	21.50
		1	7	19.67	19.62	19.72	21.50
		1	14	19.86	19.84	19.91	21.50
		8	0	19.92	19.84	19.82	21.50
		8	4	19.67	19.72	19.72	21.50
		8	7	19.72	19.66	19.57	21.50
		15	0	19.62	19.71	19.73	21.50
	16QAM	1	0	19.60	19.67	19.71	21.50
		1	7	20.01	19.96	20.06	21.50
		1	14	19.63	19.65	19.66	21.50
		8	0	19.50	19.57	19.58	21.50
		8	4	19.82	19.79	19.69	21.50
		8	7	19.61	19.61	19.62	21.50



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		15	0	19.67	19.77	19.85	21.50
	64QAM	1	0	19.72	19.73	19.82	21.50
		1	7	19.77	19.87	19.90	21.50
		1	14	20.07	20.04	20.13	21.50
		8	0	19.80	19.76	19.73	21.50
		8	4	19.84	19.74	19.82	21.50
		8	7	19.73	19.76	19.68	21.50
		15	0	19.71	19.70	19.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.70	19.62	19.70	21.50
		1	13	19.59	19.68	19.58	21.50
		1	24	19.87	19.94	19.89	21.50
		12	0	19.87	19.80	19.75	21.50
		12	6	19.70	19.69	19.79	21.50
		12	13	19.59	19.69	19.60	21.50
		25	0	19.63	19.67	19.60	21.50
	16QAM	1	0	19.77	19.70	19.61	21.50
		1	13	20.00	20.01	19.93	21.50
		1	24	19.51	19.58	19.50	21.50
		12	0	19.55	19.53	19.54	21.50
		12	6	19.80	19.76	19.85	21.50
		12	13	19.52	19.56	19.58	21.50
		25	0	19.74	19.69	19.68	21.50
	64QAM	1	0	19.69	19.73	19.66	21.50
		1	13	20.00	19.92	19.90	21.50
		1	24	20.02	20.08	19.99	21.50
		12	0	19.82	19.77	19.81	21.50
		12	6	19.86	19.83	19.90	21.50
		12	13	19.80	19.76	19.73	21.50
		25	0	19.78	19.76	19.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.62	19.60	19.64	21.50
		1	25	19.76	19.72	19.71	21.50
		1	49	19.94	19.89	19.84	21.50
		25	0	19.79	19.71	19.68	21.50
		25	13	19.77	19.75	19.69	21.50
		25	25	19.59	19.69	19.67	21.50
		50	0	19.58	19.60	19.58	21.50
	16QAM	1	0	19.76	19.67	19.58	21.50
		1	25	19.88	19.98	20.08	21.50
		1	49	19.69	19.64	19.55	21.50
		25	0	19.71	19.62	19.66	21.50
		25	13	19.90	19.80	19.76	21.50
		25	25	19.57	19.60	19.64	21.50
		50	0	19.58	19.67	19.66	21.50
	64QAM	1	0	19.61	19.65	19.63	21.50
		1	25	19.83	19.86	19.96	21.50
		1	49	20.03	20.05	19.98	21.50
		25	0	19.83	19.76	19.86	21.50
		25	13	19.88	19.81	19.87	21.50
		25	25	19.92	19.86	19.85	21.50
		50	0	19.77	19.75	19.85	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.63	19.59	19.59	21.50
		1	38	19.62	19.63	19.70	21.50
		1	74	19.75	19.82	19.88	21.50
		36	0	19.70	19.66	19.63	21.50
		36	18	19.78	19.69	19.62	21.50



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	16QAM	36	39	19.71	19.68	19.77	21.50
		75	0	19.62	19.70	19.74	21.50
		1	0	19.63	19.70	19.68	21.50
		1	38	20.05	20.01	19.93	21.50
		1	74	19.77	19.72	19.69	21.50
		36	0	19.51	19.61	19.58	21.50
		36	18	19.74	19.83	19.81	21.50
		36	39	19.72	19.70	19.73	21.50
		75	0	19.71	19.72	19.76	21.50
	64QAM	1	0	19.59	19.59	19.57	21.50
		1	38	19.86	19.84	19.83	21.50
		1	74	20.04	19.97	20.04	21.50
		36	0	19.80	19.71	19.64	21.50
		36	18	19.84	19.80	19.87	21.50
		36	39	19.86	19.80	19.73	21.50
		75	0	19.82	19.74	19.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	21.50
		1	50	/	19.72	/	21.50
		1	99	/	19.77	/	21.50
		50	0	/	19.66	/	21.50
		50	25	/	19.70	/	21.50
		50	50	/	19.77	/	21.50
		100	0	/	19.73	/	21.50
	16QAM	1	0	/	19.75	/	21.50
		1	50	/	20.00	/	21.50
		1	99	/	19.70	/	21.50
		50	0	/	19.67	/	21.50
		50	25	/	19.74	/	21.50
		50	50	/	19.77	/	21.50
		100	0	/	19.71	/	21.50
	64QAM	1	0	/	19.52	/	21.50
		1	50	/	19.76	/	21.50
		1	99	/	19.88	/	21.50
		50	0	/	19.67	/	21.50
		50	25	/	19.70	/	21.50
		50	50	/	19.76	/	21.50
		100	0	/	19.71	/	21.50

LTE Band 7 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	24.70
		1	13	22.89	23.09	22.85	24.70
		1	24	22.94	23.26	22.86	24.70
		12	0	23.03	22.79	22.90	24.70
		12	6	23.25	22.68	22.72	23.70
		12	13	23.25	22.96	22.82	23.70
		25	0	23.26	22.94	23.01	23.70
		25	0	22.57	22.89	22.81	23.70
	16QAM	1	0	23.00	23.26	22.94	23.70
		1	13	23.18	22.78	23.01	23.70
		1	24	23.48	22.97	22.92	23.70
		12	0	22.17	22.20	21.99	22.70
		12	6	22.16	21.87	21.88	22.70
		12	13	22.56	21.95	21.97	22.70
		25	0	22.12	22.16	21.96	22.70
		25	0	21.93	22.04	21.80	22.70
	64QAM	1	0	21.87	21.90	21.98	22.70
		1	13				



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		1	24	22.02	21.88	22.27	22.70
		12	0	21.14	21.05	20.76	21.70
		12	6	21.32	21.14	20.76	21.70
		12	13	21.47	20.85	21.09	21.70
		25	0	21.27	20.98	20.89	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.82	23.05	22.76	24.70
		1	25	23.02	23.16	22.83	24.70
		1	49	23.09	22.84	22.87	24.70
		25	0	23.16	22.73	22.74	23.70
		25	13	23.35	23.01	22.72	23.70
		25	25	23.22	22.87	22.99	23.70
		50	0	22.52	22.97	22.80	23.70
	16QAM	1	0	22.93	23.20	22.86	23.70
		1	25	23.26	22.85	22.93	23.70
		1	49	23.43	22.97	22.85	23.70
		25	0	22.23	22.21	21.93	22.70
		25	13	22.19	21.91	21.96	22.70
		25	25	22.46	22.05	22.06	22.70
		50	0	22.10	22.11	21.88	22.70
	64QAM	1	0	21.89	22.07	21.82	22.70
		1	25	21.86	21.84	21.96	22.70
		1	49	21.96	21.97	22.17	22.70
		25	0	21.13	21.14	20.75	21.70
		25	13	21.42	21.08	20.78	21.70
		25	25	21.40	20.92	20.99	21.70
		50	0	21.19	20.95	20.84	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.89	23.13	22.77	24.70
		1	38	23.09	23.18	22.86	24.70
		1	74	23.06	22.80	22.97	24.70
		36	0	23.07	22.83	22.72	23.70
		36	18	23.25	22.92	22.80	23.70
		36	39	23.12	22.85	22.99	23.70
		75	0	22.57	23.05	22.78	23.70
	16QAM	1	0	22.90	23.28	22.80	23.70
		1	38	23.27	22.83	23.00	23.70
		1	74	23.34	22.98	22.88	23.70
		36	0	22.16	22.26	21.98	22.70
		36	18	22.17	22.00	22.01	22.70
		36	39	22.36	21.99	22.06	22.70
		75	0	22.00	22.11	21.92	22.70
	64QAM	1	0	21.83	22.00	21.86	22.70
		1	38	21.96	21.92	22.00	22.70
		1	74	21.95	22.01	22.14	22.70
		36	0	21.18	21.04	20.74	21.70
		36	18	21.33	21.15	20.86	21.70
		36	39	21.31	20.99	21.03	21.70
		75	0	21.09	20.87	20.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.96	23.16	22.71	24.70
		1	50	23.05	23.09	22.77	24.70
		1	99	23.00	22.78	22.90	24.70
		50	0	23.08	22.80	22.79	23.70
		50	25	23.15	22.84	22.84	23.70
		50	50	23.02	22.92	22.90	23.70
		100	0	22.65	23.01	22.85	23.70
	16QAM	1	0	22.96	23.31	22.77	23.70



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		1	50	23.32	22.79	22.93	23.70
		1	99	23.27	22.92	22.85	23.70
		50	0	22.20	22.18	21.89	22.70
		50	25	22.24	22.05	21.95	22.70
		50	50	22.29	22.02	22.02	22.70
		100	0	22.02	22.03	21.92	22.70
	64QAM	1	0	21.84	22.08	21.91	22.70
		1	50	22.06	21.95	22.02	22.70
		1	99	21.87	21.98	22.13	22.70
		50	0	21.19	21.09	20.80	21.70
		50	25	21.25	21.10	20.89	21.70
		50	50	21.25	21.00	20.95	21.70
		100	0	21.07	20.89	20.89	21.70

LTE Band 7 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	21.30	21.48	21.35	23.20
		1	13	21.80	21.75	21.41	23.20
		1	24	21.56	21.59	21.43	23.20
		12	0	21.64	21.53	21.28	23.20
		12	6	21.59	21.48	21.49	23.20
		12	13	21.48	21.48	21.46	23.20
		25	0	21.50	21.47	21.38	23.20
	16QAM	1	0	21.68	21.82	21.54	23.20
		1	13	22.01	21.86	21.30	23.20
		1	24	21.82	21.54	21.83	23.20
		12	0	21.44	21.67	21.27	22.70
		12	6	21.40	21.75	21.45	22.70
		12	13	21.52	21.41	21.39	22.70
		25	0	21.55	21.40	21.22	22.70
	64QAM	1	0	21.39	21.70	21.23	22.70
		1	13	21.50	21.65	21.10	22.70
		1	24	21.74	21.54	21.46	22.70
		12	0	21.06	21.09	20.71	21.70
		12	6	21.31	21.12	20.74	21.70
		12	13	21.01	20.77	21.01	21.70
		25	0	21.11	21.03	20.90	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.39	21.55	21.28	23.20
		1	25	21.74	21.66	21.39	23.20
		1	49	21.63	21.50	21.44	23.20
		25	0	21.64	21.47	21.38	23.20
		25	13	21.66	21.52	21.55	23.20
		25	25	21.52	21.49	21.54	23.20
		50	0	21.49	21.55	21.39	23.20
	16QAM	1	0	21.62	21.82	21.54	23.20
		1	25	22.00	21.85	21.23	23.20
		1	49	21.83	21.45	21.89	23.20
		25	0	21.44	21.61	21.33	22.70
		25	13	21.45	21.67	21.51	22.70
		25	25	21.62	21.32	21.36	22.70
		50	0	21.51	21.48	21.24	22.70
	64QAM	1	0	21.39	21.73	21.13	22.70
		1	25	21.54	21.65	21.19	22.70
		1	49	21.73	21.46	21.42	22.70
		25	0	21.00	21.15	20.69	21.70
		25	13	21.29	21.06	20.80	21.70



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Bandwidth	Modulation	25	25	21.08	20.82	20.91	21.70
		50	0	21.09	20.94	20.81	21.70
RB size	RB offset	Channel		Channel		Channel	
		20825		21100		21375	
15MHz	QPSK	1	0	21.46	21.57	21.23	23.20
		1	38	21.68	21.65	21.31	23.20
		1	74	21.68	21.45	21.49	23.20
		36	0	21.63	21.57	21.33	23.20
		36	18	21.71	21.48	21.45	23.20
		36	39	21.57	21.44	21.45	23.20
		75	0	21.52	21.47	21.32	23.20
	16QAM	1	0	21.63	21.84	21.50	23.20
		1	38	21.90	21.85	21.32	23.20
		1	74	21.75	21.48	21.83	23.20
		36	0	21.45	21.56	21.30	22.70
		36	18	21.52	21.61	21.48	22.70
		36	39	21.70	21.38	21.36	22.70
		75	0	21.49	21.55	21.30	22.70
	64QAM	1	0	21.37	21.73	21.17	22.70
		1	38	21.50	21.71	21.26	22.70
		1	74	21.68	21.51	21.50	22.70
		36	0	20.93	21.12	20.71	21.70
		36	18	21.20	21.10	20.82	21.70
		36	39	21.14	20.81	20.96	21.70
		75	0	21.02	21.04	20.82	21.70
Bandwidth	Modulation	RB size	RB offset	Channel		Channel	
				20850		21350	
20MHz	QPSK	1	0	21.48	21.56	21.30	23.20
		1	50	21.66	21.57	21.32	23.20
		1	99	21.68	21.40	21.47	23.20
		50	0	21.58	21.61	21.37	23.20
		50	25	21.65	21.55	21.41	23.20
		50	50	21.64	21.44	21.46	23.20
		100	0	21.60	21.51	21.41	23.20
	16QAM	1	0	21.68	21.89	21.49	23.20
		1	50	21.93	21.84	21.27	23.20
		1	99	21.81	21.52	21.83	23.20
		50	0	21.50	21.59	21.28	22.70
		50	25	21.49	21.54	21.38	22.70
		50	50	21.60	21.41	21.46	22.70
		100	0	21.57	21.50	21.38	22.70
	64QAM	1	0	21.44	21.80	21.23	22.70
		1	50	21.44	21.79	21.27	22.70
		1	99	21.60	21.54	21.41	22.70
		50	0	21.03	21.12	20.77	21.70
		50	25	21.14	21.02	20.84	21.70
		50	50	21.16	20.90	20.95	21.70
		100	0	21.04	21.02	20.83	21.70

LTE Band 7 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel		Channel	
				20775		21100	
5MHz	QPSK	1	0	20.50	20.74	20.31	22.20
		1	13	20.84	20.31	20.37	22.20
		1	24	20.80	20.20	20.47	22.20
		12	0	20.64	20.78	20.45	22.20
		12	6	20.59	20.62	20.29	22.20
		12	13	20.87	20.43	20.48	22.20
		25	0	20.48	20.42	20.52	22.20



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	16QAM	1	0	20.91	20.95	20.44	22.20
		1	13	20.97	20.99	20.78	22.20
		1	24	21.01	20.70	20.76	22.20
		12	0	20.63	20.64	20.47	22.20
		12	6	20.70	20.71	20.65	22.20
		12	13	20.74	20.29	20.42	22.20
		25	0	20.78	20.53	20.54	22.20
	64QAM	1	0	20.49	21.08	20.56	22.20
		1	13	20.68	20.69	20.45	22.20
		1	24	20.71	20.49	20.60	22.20
		12	0	20.40	20.19	19.87	21.70
		12	6	20.32	20.01	19.91	21.70
		12	13	20.13	20.04	19.95	21.70
		25	0	20.07	19.95	19.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	20.55	20.75	20.34	22.20
		1	25	20.80	20.31	20.31	22.20
		1	49	20.85	20.21	20.51	22.20
		25	0	20.74	20.75	20.41	22.20
		25	13	20.59	20.60	20.26	22.20
		25	25	20.94	20.34	20.54	22.20
		50	0	20.53	20.50	20.43	22.20
	16QAM	1	0	20.93	20.97	20.48	22.20
		1	25	21.00	21.04	20.68	22.20
		1	49	21.08	20.80	20.77	22.20
		25	0	20.64	20.69	20.40	22.20
		25	13	20.79	20.75	20.64	22.20
		25	25	20.67	20.37	20.52	22.20
		50	0	20.70	20.52	20.53	22.20
	64QAM	1	0	20.52	20.99	20.50	22.20
		1	25	20.77	20.62	20.49	22.20
		1	49	20.64	20.46	20.61	22.20
		25	0	20.31	20.16	19.81	21.70
		25	13	20.29	20.01	19.94	21.70
		25	25	20.21	20.00	19.91	21.70
		50	0	20.15	19.99	19.86	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	20.64	20.75	20.29	22.20
		1	38	20.84	20.41	20.35	22.20
		1	74	20.76	20.28	20.48	22.20
		36	0	20.74	20.72	20.37	22.20
		36	18	20.52	20.63	20.35	22.20
		36	39	20.86	20.44	20.44	22.20
		75	0	20.58	20.54	20.44	22.20
	16QAM	1	0	20.96	21.03	20.48	22.20
		1	38	20.92	20.98	20.60	22.20
		1	74	21.12	20.85	20.67	22.20
		36	0	20.65	20.70	20.47	22.20
		36	18	20.79	20.66	20.55	22.20
		36	39	20.72	20.40	20.51	22.20
		75	0	20.68	20.53	20.48	22.20
	64QAM	1	0	20.50	21.09	20.58	22.20
		1	38	20.78	20.52	20.58	22.20
		1	74	20.69	20.48	20.63	22.20
		36	0	20.21	20.12	19.79	21.70
		36	18	20.20	20.10	19.97	21.70
		36	39	20.26	20.04	19.96	21.70
		75	0	20.25	20.09	19.94	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20850	21100	21350	
20MHz	QPSK	1	0	20.62	20.85	20.29	22.20
		1	50	20.79	20.44	20.40	22.20
		1	99	20.73	20.25	20.52	22.20
		50	0	20.76	20.69	20.37	22.20
		50	25	20.59	20.65	20.45	22.20
		50	50	20.85	20.44	20.53	22.20
	16QAM	100	0	20.55	20.59	20.46	22.20
		1	0	20.91	20.97	20.44	22.20
		1	50	21.00	21.08	20.60	22.20
		1	99	21.15	20.82	20.60	22.20
		50	0	20.69	20.77	20.37	22.20
		50	25	20.80	20.67	20.45	22.20
	64QAM	50	50	20.80	20.46	20.53	22.20
		100	0	20.75	20.54	20.43	22.20
		1	0	20.52	21.10	20.53	22.20
		1	50	20.83	20.52	20.57	22.20
		1	99	20.67	20.43	20.58	22.20
		50	0	20.22	20.20	19.87	21.70
		50	25	20.26	20.12	19.87	21.70
		50	50	20.31	20.01	19.96	21.70
		100	0	20.27	20.13	19.91	21.70

LTE Band 66 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.97	24.29	24.23	25.00
		1	2	24.45	24.22	24.10	25.00
		1	5	24.32	24.18	24.02	25.00
		3	0	24.37	24.24	24.11	25.00
		3	1	24.53	24.43	24.04	25.00
		3	3	24.34	24.68	24.12	25.00
	16QAM	6	0	23.41	23.44	23.22	24.00
		1	0	23.30	23.40	22.57	24.00
		1	2	23.28	23.17	23.09	24.00
		1	5	23.33	22.60	23.26	24.00
		3	0	23.25	23.53	22.80	24.00
		3	1	23.38	23.37	23.11	24.00
	64QAM	3	3	23.19	23.37	22.97	24.00
		6	0	22.29	22.27	22.16	23.00
		1	0	21.96	21.75	21.99	23.00
		1	2	22.57	22.13	22.26	23.00
		1	5	21.89	22.09	22.03	23.00
		3	0	22.44	22.50	21.91	23.00
3MHz	QPSK	3	1	22.15	22.15	22.13	23.00
		3	3	22.58	22.36	22.31	23.00
		6	0	21.30	21.42	21.15	22.00
	16QAM	1	0	24.03	24.38	24.21	25.00
		1	7	24.38	24.20	24.01	25.00
		1	14	24.37	24.26	24.10	25.00
		8	0	23.40	23.14	23.09	24.00
		8	4	23.47	23.50	23.12	24.00
		8	7	23.40	23.61	23.15	24.00
		15	0	23.50	23.34	23.17	24.00
		1	0	23.34	23.42	22.61	24.00
		1	7	23.26	23.11	22.99	24.00
		1	14	23.42	22.67	23.24	24.00



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	64QAM	8	0	22.29	22.45	21.90	23.00
		8	4	22.31	22.30	22.07	23.00
		8	7	22.23	22.33	22.06	23.00
		15	0	22.36	22.24	22.26	23.00
		1	0	22.04	21.82	21.89	23.00
		1	7	22.51	22.09	22.21	23.00
		1	14	21.95	22.15	22.12	23.00
		8	0	21.35	21.55	20.96	22.00
		8	4	21.13	21.24	21.19	22.00
		8	7	21.50	21.28	21.27	22.00
		15	0	21.25	21.35	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	24.02	24.28	24.20	25.00
		1	13	24.31	24.28	23.98	25.00
		1	24	24.34	24.30	24.18	25.00
		12	0	23.35	23.10	23.15	24.00
		12	6	23.44	23.49	23.22	24.00
		12	13	23.36	23.56	23.21	24.00
	16QAM	25	0	23.47	23.28	23.14	24.00
		1	0	23.28	23.44	22.69	24.00
		1	13	23.35	23.21	22.97	24.00
		1	24	23.38	22.70	23.31	24.00
		12	0	22.34	22.40	22.00	23.00
		12	6	22.26	22.38	22.16	23.00
	64QAM	12	13	22.25	22.31	22.05	23.00
		25	0	22.28	22.29	22.18	23.00
		1	0	22.10	21.81	21.81	23.00
		1	13	22.45	22.11	22.20	23.00
		1	24	21.90	22.08	22.10	23.00
		12	0	21.42	21.54	21.02	22.00
10MHz	QPSK	12	6	21.18	21.24	21.10	22.00
		12	13	21.44	21.33	21.32	22.00
		25	0	21.28	21.42	21.19	22.00
	16QAM	1	0	24.06	24.19	24.10	25.00
		1	25	24.29	24.32	24.06	25.00
		1	49	24.31	24.39	24.21	25.00
	64QAM	25	0	23.29	23.18	23.21	24.00
		25	13	23.50	23.44	23.20	24.00
		25	25	23.36	23.46	23.12	24.00
		50	0	23.43	23.31	23.16	24.00
	16QAM	1	0	23.25	23.35	22.76	24.00
		1	25	23.33	23.26	23.00	24.00
		1	49	23.43	22.62	23.23	24.00
	64QAM	25	0	22.35	22.33	22.01	23.00
		25	13	22.33	22.41	22.24	23.00
		25	25	22.24	22.39	22.13	23.00
15MHz	QPSK	50	0	22.28	22.29	22.27	23.00
		1	0	22.20	21.86	21.84	23.00
		1	25	22.39	22.20	22.17	23.00
		1	49	21.99	22.15	22.08	23.00
	16QAM	25	0	21.44	21.55	21.06	22.00
		25	13	21.25	21.26	21.15	22.00
	64QAM	25	25	21.42	21.27	21.29	22.00
		50	0	21.32	21.36	21.21	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.98	24.16	24.04	25.00
		1	38	24.26	24.37	23.99	25.00



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		1	74	24.39	24.35	24.22	25.00
		36	0	23.32	23.15	23.20	24.00
		36	18	23.44	23.48	23.27	24.00
		36	39	23.28	23.37	23.19	24.00
		75	0	23.36	23.41	23.18	24.00
	16QAM	1	0	23.17	23.42	22.74	24.00
		1	38	23.32	23.29	23.01	24.00
		1	74	23.48	22.57	23.29	24.00
		36	0	22.26	22.41	22.04	23.00
		36	18	22.36	22.47	22.24	23.00
	64QAM	36	39	22.34	22.43	22.21	23.00
		75	0	22.36	22.33	22.19	23.00
		1	0	22.13	21.83	21.94	23.00
		1	38	22.42	22.23	22.25	23.00
		1	74	22.04	22.11	22.08	23.00
		36	0	21.39	21.51	21.07	22.00
		36	18	21.29	21.35	21.23	22.00
		36	39	21.36	21.33	21.24	22.00
		75	0	21.31	21.32	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	24.04	24.16	24.08	25.00
		1	50	24.27	24.35	23.99	25.00
		1	99	24.35	24.27	24.12	25.00
		50	0	23.36	23.18	23.19	24.00
		50	25	23.43	23.53	23.20	24.00
	16QAM	50	50	23.32	23.46	23.24	24.00
		100	0	23.32	23.47	23.19	24.00
		1	0	23.08	23.33	22.67	24.00
		1	50	23.28	23.34	23.10	24.00
		1	99	23.42	22.67	23.31	24.00
	64QAM	50	0	22.33	22.35	22.06	23.00
		50	25	22.34	22.38	22.16	23.00
		50	50	22.34	22.43	22.17	23.00
		100	0	22.30	22.40	22.17	23.00
		1	0	22.21	21.88	21.96	23.00
		1	50	22.42	22.18	22.24	23.00
		1	99	22.11	22.15	22.06	23.00
		50	0	21.31	21.43	21.14	22.00
		50	25	21.32	21.37	21.13	22.00
		50	50	21.33	21.30	21.16	22.00
		100	0	21.33	21.40	21.12	22.00

LTE Band 66 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.29	20.94	20.93	22.50
		1	2	21.04	21.19	20.71	22.50
		1	5	20.82	20.85	20.79	22.50
		3	0	20.93	21.03	20.89	22.50
		3	1	21.25	20.99	20.74	22.50
		3	3	21.03	21.12	20.87	22.50
	16QAM	6	0	21.32	21.21	20.97	22.50
		1	0	21.34	21.36	21.03	22.50
		1	2	21.30	21.27	20.92	22.50
		1	5	21.31	21.19	21.09	22.50
		3	0	20.96	21.16	20.76	22.50
		3	1	20.88	21.17	20.90	22.50
		3	3	20.96	21.34	20.85	22.50



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		6	0	20.98	21.12	20.89	22.50
		1	0	20.77	21.22	21.01	22.50
		1	2	21.19	21.24	21.24	22.50
		1	5	21.29	20.70	21.11	22.50
		3	0	21.36	21.81	21.37	22.50
		3	1	21.47	21.44	21.23	22.50
		3	3	21.46	21.81	21.18	22.50
		6	0	21.16	21.06	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
		1	0	21.13	21.17	20.73	22.50
		1	7	20.76	20.96	20.86	22.50
		1	14	21.28	21.15	20.92	22.50
		8	0	20.91	21.13	20.77	22.50
		8	4	20.98	21.24	20.73	22.50
		8	7	21.11	21.15	20.91	22.50
		15	0	20.94	21.18	20.87	22.50
		1	0	21.39	21.30	21.01	22.50
		1	7	21.22	21.48	21.01	22.50
		1	14	21.34	21.23	21.35	22.50
		8	0	20.82	21.16	20.82	22.50
		8	4	21.04	21.23	20.89	22.50
		8	7	20.78	21.18	20.98	22.50
		15	0	21.21	21.13	20.74	22.50
		1	0	21.24	20.97	20.71	22.50
		1	7	21.01	21.28	21.17	22.50
		1	14	21.01	20.94	21.32	22.50
		8	0	20.96	21.18	20.93	22.00
		8	4	21.12	20.88	20.92	22.00
		8	7	20.89	21.13	20.79	22.00
		15	0	21.26	20.91	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
		1	0	21.12	21.13	20.71	22.50
		1	13	21.05	21.11	20.84	22.50
		1	24	21.13	21.24	20.88	22.50
		12	0	20.87	21.05	20.78	22.50
		12	6	21.09	21.07	21.02	22.50
		12	13	20.97	21.10	20.97	22.50
		25	0	21.06	21.08	20.88	22.50
		1	0	21.08	21.17	21.00	22.50
		1	13	21.33	21.48	21.25	22.50
		1	24	21.36	21.29	21.04	22.50
		12	0	20.90	21.16	20.92	22.50
		12	6	21.02	21.25	20.88	22.50
		12	13	21.08	20.94	20.98	22.50
		25	0	20.82	21.04	20.80	22.50
		1	0	20.95	21.33	20.91	22.50
		1	13	21.17	21.39	20.91	22.50
		1	24	21.15	20.94	20.98	22.50
		12	0	21.01	21.25	20.91	22.00
		12	6	21.10	21.18	20.82	22.00
		12	13	21.00	21.00	20.78	22.00
		25	0	21.13	20.93	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
		1	0	21.03	21.10	20.72	22.50
		1	25	20.89	21.27	20.73	22.50
		1	49	21.23	21.11	21.02	22.50
		25	0	21.15	21.26	20.88	22.50
		25	13	21.16	21.09	20.96	22.50



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	16QAM	25	25	20.91	21.20	20.75	22.50
		50	0	21.13	21.23	20.88	22.50
		1	0	21.09	21.51	21.01	22.50
		1	25	21.26	21.49	21.06	22.50
		1	49	21.38	21.20	21.20	22.50
		25	0	21.10	21.14	20.82	22.50
		25	13	21.07	21.23	20.73	22.50
		25	25	20.95	21.04	20.99	22.50
		50	0	21.08	21.02	20.90	22.50
	64QAM	1	0	21.00	21.14	21.00	22.50
		1	25	21.08	21.38	21.02	22.50
		1	49	21.22	20.93	21.07	22.50
		25	0	21.05	21.01	20.69	22.00
		25	13	21.08	21.12	21.02	22.00
		25	25	21.02	21.14	20.86	22.00
		50	0	20.96	21.07	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.13	21.01	20.82	22.50
		1	38	20.82	21.19	20.77	22.50
		1	74	21.07	21.10	20.90	22.50
		36	0	21.04	21.04	20.74	22.50
		36	18	20.94	21.17	20.79	22.50
		36	39	21.06	21.01	20.79	22.50
		75	0	21.00	21.14	20.91	22.50
	16QAM	1	0	21.18	21.43	21.01	22.50
		1	38	21.22	21.44	21.14	22.50
		1	74	21.37	21.25	21.07	22.50
		36	0	20.93	21.24	20.79	22.50
		36	18	21.04	21.22	20.82	22.50
		36	39	20.93	21.06	20.84	22.50
		75	0	20.94	21.12	20.83	22.50
	64QAM	1	0	20.95	21.16	20.99	22.50
		1	38	21.10	21.10	21.02	22.50
		1	74	21.19	20.88	21.12	22.50
		36	0	20.95	21.22	20.71	22.00
		36	18	20.99	21.07	20.86	22.00
		36	39	21.05	21.02	20.93	22.00
		75	0	21.00	21.03	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.04	21.07	20.82	22.50
		1	50	20.91	21.16	20.82	22.50
		1	99	21.07	21.07	20.90	22.50
		50	0	21.02	21.12	20.83	22.50
		50	25	21.04	21.16	20.87	22.50
		50	50	21.02	21.10	20.87	22.50
		100	0	21.00	21.16	20.83	22.50
	16QAM	1	0	21.16	21.39	21.00	22.50
		1	50	21.27	21.49	21.15	22.50
		1	99	21.34	21.19	21.12	22.50
		50	0	20.99	21.14	20.81	22.50
		50	25	21.08	21.20	20.81	22.50
		50	50	21.03	21.09	20.89	22.50
		100	0	21.02	21.10	20.81	22.50
	64QAM	1	0	20.98	21.12	20.92	22.50
		1	50	21.03	21.19	21.05	22.50
		1	99	21.11	20.93	21.09	22.50
		50	0	20.99	21.13	20.80	22.00
		50	25	21.04	21.14	20.83	22.00
		50	50	21.06	21.10	20.88	22.00



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		100	0	20.99	21.09	20.82	22.00
--	--	-----	---	-------	-------	-------	-------

LTE Band 66 State3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.02	20.15	19.92	21.50	
		1	2	19.95	19.95	19.72	21.50	
		1	5	19.86	20.11	19.98	21.50	
		3	0	19.76	20.08	20.02	21.50	
		3	1	20.11	20.21	19.71	21.50	
		3	3	20.09	19.97	19.73	21.50	
	16QAM	6	0	20.10	20.26	19.72	21.50	
		1	0	20.25	20.40	19.90	21.50	
		1	2	20.00	20.51	19.98	21.50	
		1	5	20.20	20.22	19.98	21.50	
		3	0	19.88	19.93	19.71	21.50	
		3	1	19.72	20.08	19.77	21.50	
	64QAM	3	3	19.75	20.21	19.98	21.50	
		6	0	19.82	19.94	19.71	21.50	
		1	0	19.86	20.02	19.77	21.50	
		1	2	19.86	20.25	19.85	21.50	
		1	5	20.07	19.99	19.92	21.50	
		3	0	19.93	20.03	19.89	21.50	
		3	1	20.05	20.15	19.96	21.50	
		3	3	20.03	20.13	19.83	21.50	
		6	0	19.91	19.93	19.97	21.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
3MHz	QPSK	1	0	19.98	20.16	19.90	21.50	
		1	7	19.87	20.04	19.74	21.50	
		1	14	19.95	20.10	20.00	21.50	
		8	0	19.75	20.09	19.93	21.50	
		8	4	20.03	20.17	19.74	21.50	
		8	7	20.05	20.05	19.79	21.50	
	16QAM	15	0	20.04	20.32	19.72	21.50	
		1	0	20.33	20.35	19.98	21.50	
		1	7	19.98	20.45	19.99	21.50	
		1	14	20.26	20.32	19.95	21.50	
		8	0	19.86	19.94	19.78	21.50	
		8	4	19.77	20.12	19.70	21.50	
	64QAM	8	7	19.78	20.21	20.01	21.50	
		15	0	19.81	20.02	19.78	21.50	
		1	0	19.96	20.06	19.74	21.50	
		1	7	19.81	20.29	19.88	21.50	
		1	14	20.07	20.06	19.82	21.50	
		8	0	19.90	20.01	19.82	21.50	
	8	4	19.96	20.12	19.90	21.50		
	8	7	20.04	20.15	19.74	21.50		
	15	0	19.82	20.03	19.87	21.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131997	132322	132647	
5MHz	QPSK	1	0	19.92	20.16	19.91	21.50	
		1	13	19.91	20.10	19.79	21.50	
		1	24	19.97	20.00	20.04	21.50	
		12	0	19.79	20.04	19.91	21.50	
		12	6	20.05	20.20	19.74	21.50	
		12	13	19.95	20.06	19.75	21.50	
	16QAM	25	0	20.10	20.24	19.72	21.50	
		1	0	20.26	20.42	20.02	21.50	



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		1	13	20.00	20.39	19.97	21.50
		1	24	20.19	20.31	19.99	21.50
		12	0	19.93	19.96	19.73	21.50
		12	6	19.74	20.14	19.75	21.50
		12	13	19.72	20.13	19.91	21.50
		25	0	19.75	20.01	19.88	21.50
	64QAM	1	0	19.98	20.06	19.80	21.50
		1	13	19.79	20.20	19.83	21.50
		1	24	20.02	20.16	19.86	21.50
		12	0	19.91	20.07	19.76	21.50
		12	6	19.92	20.03	19.88	21.50
		12	13	19.97	20.19	19.81	21.50
		25	0	19.84	19.98	19.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	19.92	20.09	19.82	21.50
		1	25	19.85	20.03	19.74	21.50
		1	49	20.00	19.96	19.98	21.50
		25	0	19.89	19.96	19.81	21.50
		25	13	20.00	20.16	19.77	21.50
		25	25	19.98	19.98	19.78	21.50
	16QAM	50	0	20.10	20.14	19.78	21.50
		1	0	20.26	20.39	19.95	21.50
		1	25	20.01	20.29	20.00	21.50
		1	49	20.24	20.28	20.06	21.50
		25	0	19.92	20.03	19.76	21.50
		25	13	19.81	20.18	19.78	21.50
	64QAM	25	25	19.80	20.17	19.85	21.50
		50	0	19.84	20.05	19.78	21.50
		1	0	20.01	20.00	19.72	21.50
		1	25	19.89	20.27	19.92	21.50
		1	49	19.97	20.26	19.93	21.50
		25	0	19.90	20.07	19.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.92	20.12	19.79	21.50
		1	38	19.90	20.09	19.79	21.50
		1	74	19.92	20.04	19.88	21.50
		36	0	19.95	20.03	19.71	21.50
		36	18	19.94	20.17	19.72	21.50
		36	39	20.07	20.04	19.84	21.50
	16QAM	75	0	20.06	20.05	19.79	21.50
		1	0	20.35	20.37	19.99	21.50
		1	38	20.08	20.35	20.02	21.50
		1	74	20.20	20.33	20.04	21.50
		36	0	19.86	20.10	19.73	21.50
		36	18	19.88	20.18	19.73	21.50
	64QAM	36	39	19.73	20.11	19.90	21.50
		75	0	19.92	20.04	19.78	21.50
		1	0	20.05	20.06	19.79	21.50
		1	38	19.93	20.17	19.82	21.50
		1	74	20.06	20.16	19.99	21.50
		36	0	19.87	20.14	19.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	



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20MHz	QPSK	1	0	19.93	20.03	19.78	21.50
		1	50	19.93	20.15	19.76	21.50
		1	99	20.01	20.04	19.88	21.50
		50	0	19.95	20.10	19.73	21.50
		50	25	19.98	20.09	19.70	21.50
		50	50	19.98	20.07	19.81	21.50
		100	0	19.98	20.08	19.75	21.50
	16QAM	1	0	20.33	20.29	20.07	21.50
		1	50	20.17	20.42	20.01	21.50
		1	99	20.17	20.34	20.03	21.50
		50	0	19.95	20.08	19.71	21.50
		50	25	19.97	20.11	19.78	21.50
		50	50	19.76	20.06	19.81	21.50
		100	0	19.93	20.07	19.76	21.50
	64QAM	1	0	19.98	20.03	19.78	21.50
		1	50	19.89	20.26	19.90	21.50
		1	99	20.08	20.25	19.99	21.50
		50	0	19.94	20.09	19.74	21.50
		50	25	19.96	20.11	19.77	21.50
		50	50	19.89	20.10	19.79	21.50
		100	0	19.94	20.06	19.75	21.50

LTE Band 38 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.98	23.91	23.96	24.80
		1	13	23.58	23.68	23.74	24.80
		1	24	23.60	23.59	23.54	24.80
		12	0	22.52	22.60	22.60	23.80
		12	6	22.65	22.71	22.68	23.80
		12	13	22.42	22.44	22.41	23.80
		25	0	22.68	22.78	22.70	23.80
	16QAM	1	0	23.10	23.06	23.12	23.80
		1	13	23.05	22.98	22.93	23.80
		1	24	22.67	22.72	22.79	23.80
		12	0	21.80	21.76	21.74	22.80
		12	6	21.64	21.70	21.62	22.80
		12	13	21.64	21.68	21.74	22.80
		25	0	21.69	21.65	21.67	22.80
	64QAM	1	0	21.73	21.63	21.72	22.80
		1	13	21.65	21.61	21.57	22.80
		1	24	21.56	21.58	21.48	22.80
		12	0	20.70	20.79	20.73	21.80
		12	6	20.77	20.70	20.73	21.80
		12	13	20.61	20.64	20.72	21.80
		25	0	20.92	20.84	20.91	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.91	23.92	23.94	24.80
		1	25	23.78	23.73	23.83	24.80
		1	49	23.46	23.49	23.51	24.80
		25	0	22.64	22.65	22.67	23.80
		25	13	22.69	22.67	22.70	23.80
		25	25	22.43	22.48	22.50	23.80
		50	0	22.77	22.79	22.75	23.80
	16QAM	1	0	22.97	23.03	23.10	23.80
		1	25	22.88	22.97	22.99	23.80
		1	49	22.62	22.66	22.66	23.80
		25	0	21.68	21.76	21.83	22.80



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	64QAM	25	13	21.59	21.69	21.67	22.80
		25	25	21.76	21.72	21.80	22.80
		50	0	21.57	21.63	21.71	22.80
		1	0	21.82	21.73	21.71	22.80
		1	25	21.64	21.70	21.65	22.80
		1	49	21.53	21.57	21.67	22.80
		25	0	20.92	20.89	20.88	21.80
		25	13	20.59	20.69	20.59	21.80
		25	25	20.64	20.73	20.67	21.80
		50	0	20.82	20.81	20.72	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.78	23.86	23.86	24.80
		1	38	23.80	23.71	23.76	24.80
		1	74	23.65	23.58	23.60	24.80
		36	0	22.59	22.65	22.72	23.80
		36	18	22.82	22.75	22.80	23.80
		36	39	22.47	22.53	22.59	23.80
		75	0	22.62	22.72	22.64	23.80
	16QAM	1	0	22.95	22.97	23.07	23.80
		1	38	22.86	22.87	22.83	23.80
		1	74	22.56	22.64	22.74	23.80
		36	0	21.80	21.70	21.67	22.80
		36	18	21.73	21.71	21.65	22.80
		36	39	21.59	21.62	21.72	22.80
		75	0	21.66	21.68	21.67	22.80
	64QAM	1	0	21.85	21.75	21.69	22.80
		1	38	21.59	21.66	21.59	22.80
		1	74	21.60	21.51	21.43	22.80
		36	0	20.84	20.85	20.85	21.80
		36	18	20.75	20.76	20.69	21.80
		36	39	20.64	20.63	20.62	21.80
		75	0	20.71	20.75	20.79	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.80	/	24.80
		1	50	/	23.68	/	24.80
		1	99	/	23.52	/	24.80
		50	0	/	22.73	/	23.80
		50	25	/	22.65	/	23.80
		50	50	/	22.58	/	23.80
		100	0	/	22.67	/	23.80
	16QAM	1	0	/	22.99	/	23.80
		1	50	/	22.92	/	23.80
		1	99	/	22.72	/	23.80
		50	0	/	21.77	/	22.80
		50	25	/	21.67	/	22.80
		50	50	/	21.62	/	22.80
		100	0	/	21.70	/	22.80
	64QAM	1	0	/	21.77	/	22.80
		1	50	/	21.67	/	22.80
		1	99	/	21.48	/	22.80
		50	0	/	20.77	/	21.80
		50	25	/	20.68	/	21.80
		50	50	/	20.61	/	21.80
		100	0	/	20.68	/	21.80

LTE Band 41 2496 - 2690 State1/2/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.94	23.92	24.36	24.17	24.58	25.00
		1	13	24.12	23.67	24.19	24.03	24.59	25.00
		1	24	24.1	23.78	24.18	24.29	24.27	25.00
		12	0	23.18	22.86	23.45	23.23	23.5	24.00
		12	6	23.18	22.94	23.23	23.27	23.78	24.00
		12	13	23.24	22.73	23.39	23.06	23.52	24.00
	16QAM	25	0	23.21	23.01	23.18	23.2	23.72	24.00
		1	0	23.45	23.4	23.77	23.24	23.34	24.00
		1	13	23.5	22.99	23.72	23.38	23.75	24.00
		1	24	23.38	23.13	23.26	23.13	23.37	24.00
		12	0	22.34	21.69	22.47	22.38	22.8	23.00
		12	6	22.18	21.61	22.3	22.26	22.79	23.00
	64QAM	12	13	22.26	21.78	22.3	22.05	22.59	23.00
		25	0	22.17	21.72	22.47	22.25	22.68	23.00
		1	0	22.15	21.79	22.47	22.26	22.40	23.00
		1	13	22.07	21.58	22.19	22.36	22.59	23.00
		1	24	22.31	21.83	22.00	22.06	22.11	23.00
		12	0	21.14	20.95	21.56	21.08	21.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.04	23.84	24.38	24.27	24.62	25.00
		1	25	24.12	23.6	24.28	24.04	24.51	25.00
		1	49	24.02	23.84	24.14	24.22	24.31	25.00
		25	0	23.11	22.77	23.41	23.33	23.59	24.00
		25	13	23.09	22.93	23.15	23.17	23.79	24.00
		25	25	23.27	22.67	23.29	23.12	23.58	24.00
	16QAM	50	0	23.15	22.97	23.27	23.21	23.62	24.00
		1	0	23.39	23.3	23.67	23.27	23.29	24.00
		1	25	23.41	22.99	23.62	23.48	23.67	24.00
		1	49	23.42	23.03	23.18	23.21	23.38	24.00
		25	0	22.26	21.72	22.42	22.29	22.76	23.00
		25	13	22.14	21.62	22.31	22.27	22.8	23.00
	64QAM	25	25	22.18	21.7	22.23	22.13	22.52	23.00
		50	0	22.24	21.81	22.46	22.26	22.78	23.00
		1	0	22.16	21.84	22.41	22.16	22.45	23.00
		1	25	22.08	21.67	22.28	22.27	22.56	23.00
		1	49	22.26	21.84	22.08	22.00	22.21	23.00
		25	0	21.24	20.86	21.48	21.16	21.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24	23.86	24.33	24.29	24.63	25.00
		1	38	24.11	23.65	24.22	24.05	24.47	25.00
		1	74	24.07	23.88	24.16	24.12	24.41	25.00
		36	0	23.08	22.78	23.31	23.25	23.66	24.00
		36	18	23.18	22.84	23.22	23.23	23.72	24.00
		36	39	23.17	22.76	23.29	23.18	23.57	24.00
	16QAM	75	0	23.19	22.89	23.27	23.15	23.58	24.00
		1	0	23.41	23.22	23.57	23.35	23.33	24.00
		1	38	23.48	22.94	23.52	23.39	23.73	24.00
		1	74	23.46	22.97	23.24	23.22	23.46	24.00
		36	0	22.17	21.77	22.37	22.31	22.77	23.00
		36	18	22.13	21.67	22.28	22.28	22.75	23.00
		36	39	22.16	21.74	22.16	22.16	22.58	23.00
		75	0	22.19	21.8	22.37	22.21	22.69	23.00



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		1	0	22.12	21.91	22.43	22.26	22.52	23.00
		1	38	22.10	21.65	22.25	22.25	22.57	23.00
		1	74	22.19	21.82	22.02	21.97	22.27	23.00
	64QAM	36	0	21.26	20.83	21.41	21.11	21.66	22.00
		36	18	21.11	20.68	21.19	21.28	21.57	22.00
		36	39	21.31	20.72	21.30	21.03	21.47	22.00
		75	0	21.17	20.80	21.34	21.15	21.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.08	23.96	24.37	24.22	24.56	25.00
		1	50	24.17	23.75	24.29	24.11	24.57	25.00
		1	99	24.16	23.83	24.13	24.05	24.35	25.00
		50	0	23.18	22.84	23.31	23.21	23.63	24.00
		50	25	23.18	22.75	23.26	23.19	23.62	24.00
		50	50	23.23	22.75	23.19	23.13	23.53	24.00
	16QAM	100	0	23.18	22.8	23.26	23.19	23.58	24.00
		1	0	23.34	23.15	23.57	23.4	23.3	24.00
		1	50	23.38	22.93	23.5	23.32	23.7	24.00
		1	99	23.38	22.88	23.33	23.24	23.48	24.00
		50	0	22.2	21.87	22.36	22.26	22.69	23.00
		50	25	22.2	21.77	22.3	22.22	22.67	23.00
	64QAM	50	50	22.25	21.79	22.24	22.16	22.56	23.00
		100	0	22.22	21.83	22.28	22.2	22.64	23.00
		1	0	22.11	21.92	22.34	22.17	22.50	23.00
		1	50	22.14	21.72	22.21	22.15	22.59	23.00
		1	99	22.15	21.80	22.08	22.03	22.33	23.00
		50	0	21.20	20.85	21.31	21.20	21.67	22.00
		50	25	21.18	20.76	21.27	21.18	21.62	22.00
		50	50	21.22	20.76	21.22	21.13	21.54	22.00
		100	0	21.20	20.82	21.27	21.18	21.62	22.00

LTE Band 41 2496 - 2690 State3				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	23.57	23.42	23.93	23.58	24	24.00
		1	13	23.26	23.2	23.34	23.57	23.94	24.00
		1	24	23.3	23.45	23.67	23.54	23.93	24.00
		12	0	23.27	22.75	23.31	23.24	23.64	24.00
		12	6	23.03	22.63	23.17	23.15	23.46	24.00
		12	13	23.23	22.6	23.06	23.05	23.49	24.00
	16QAM	25	0	23.23	22.87	23.15	23.25	23.63	24.00
		1	0	23.27	23.05	23.71	22.95	23.55	24.00
		1	13	23.26	22.98	23.29	23.49	23.71	24.00
		1	24	23.51	22.92	23.38	23.02	23.52	24.00
		12	0	22.22	21.88	22.5	21.97	22.53	23.00
		12	6	22.13	21.69	22.21	22.25	22.79	23.00
	64QAM	12	13	22.34	21.79	22.29	22.29	22.5	23.00
		25	0	22.05	21.81	22.38	22.33	22.73	23.00
		1	0	22.29	21.80	22.50	22.15	22.42	23.00
		1	13	22.36	21.74	22.19	22.07	22.33	23.00
		1	24	22.12	21.98	22.07	21.94	22.21	23.00
		12	0	21.15	20.83	21.22	21.23	21.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.53	23.44	23.9	23.55	23.92	24.00
		1	25	23.16	23.12	23.3	23.6	23.85	24.00



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		1	49	23.26	23.4	23.58	23.52	23.93	24.00
		25	0	23.25	22.84	23.31	23.22	23.73	24.00
		25	13	23.09	22.73	23.25	23.08	23.47	24.00
		25	25	23.19	22.64	23.12	23.06	23.45	24.00
		50	0	23.17	22.79	23.17	23.15	23.57	24.00
	16QAM	1	0	23.31	23.1	23.63	22.99	23.61	24.00
		1	25	23.3	23.04	23.31	23.39	23.8	24.00
		1	49	23.41	22.95	23.34	23.12	23.57	24.00
		25	0	22.17	21.88	22.41	22.04	22.54	23.00
		25	13	22.16	21.64	22.17	22.16	22.71	23.00
	64QAM	25	25	22.34	21.73	22.23	22.2	22.54	23.00
		50	0	22.15	21.9	22.32	22.24	22.75	23.00
		1	0	22.26	21.80	22.47	22.21	22.41	23.00
		1	25	22.34	21.82	22.21	22.10	22.41	23.00
		1	49	22.13	21.94	22.08	21.99	22.31	23.00
		25	0	21.14	20.85	21.15	21.24	21.70	22.00
		25	13	21.01	20.84	21.32	21.15	21.69	22.00
		25	25	21.42	20.72	21.17	21.16	21.44	22.00
		50	0	21.38	20.95	21.26	21.01	21.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.53	23.35	23.9	23.57	23.95	24.00
		1	38	23.15	23.2	23.39	23.51	23.89	24.00
		1	74	23.25	23.35	23.58	23.46	23.86	24.00
		36	0	23.23	22.91	23.29	23.31	23.63	24.00
		36	18	23.19	22.69	23.35	23.17	23.57	24.00
	16QAM	36	39	23.22	22.74	23.19	23.08	23.49	24.00
		75	0	23.27	22.75	23.2	23.21	23.5	24.00
		1	0	23.36	23.17	23.63	23.04	23.55	24.00
		1	38	23.34	22.95	23.38	23.3	23.74	24.00
		1	74	23.4	22.85	23.32	23.18	23.65	24.00
	64QAM	36	0	22.13	21.79	22.37	22.14	22.6	23.00
		36	18	22.18	21.69	22.21	22.17	22.63	23.00
		36	39	22.24	21.7	22.23	22.21	22.55	23.00
		75	0	22.19	21.94	22.26	22.19	22.65	23.00
		1	0	22.23	21.88	22.41	22.22	22.51	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.55	23.39	23.81	23.62	23.99	24.00
		1	50	23.07	23.16	23.33	23.56	23.99	24.00
		1	99	23.35	23.29	23.56	23.47	23.77	24.00
		50	0	23.19	22.83	23.3	23.22	23.65	24.00
		50	25	23.17	22.76	23.28	23.19	23.61	24.00
	16QAM	50	50	23.23	22.75	23.18	23.13	23.51	24.00
		100	0	23.18	22.8	23.25	23.18	23.59	24.00
		1	0	23.36	23.13	23.56	23.14	23.63	24.00
		1	50	23.4	22.91	23.46	23.32	23.74	24.00
		1	99	23.38	22.78	23.33	23.25	23.57	24.00
	64QAM	50	0	22.2	21.87	22.33	22.22	22.7	23.00
		50	25	22.2	21.77	22.3	22.21	22.66	23.00
		50	50	22.26	21.78	22.23	22.16	22.56	23.00
		100	0	22.22	21.84	22.28	22.19	22.62	23.00
		1	0	22.14	21.92	22.32	22.18	22.51	23.00
		1	50	22.22	21.74	22.21	22.13	22.54	23.00
		1	99	22.16	21.81	22.10	22.02	22.32	23.00



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		50	0	21.21	20.85	21.31	21.21	21.68	22.00
		50	25	21.19	20.75	21.29	21.19	21.62	22.00
		50	50	21.24	20.76	21.22	21.13	21.53	22.00
		100	0	21.22	20.81	21.24	21.17	21.60	22.00



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1.4 Conducted Power of Legacy (Ant5)

GSM 1900 State1/3										
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	28.78	28.91	28.92	30.20	-9.19	19.59	19.72	19.73	21.01
GPRS (GMSK)	1 TX Slot	28.86	28.91	28.93	30.20	-9.19	19.67	19.72	19.74	21.01
	2 TX Slots	26.79	26.75	26.71	27.20	-6.18	20.61	20.57	20.53	21.02
	3 TX Slots	24.77	24.80	24.86	25.20	-4.42	20.35	20.38	20.44	20.78
	4 TX Slots	23.51	23.56	23.62	24.70	-3.17	20.34	20.39	20.45	21.53
EGPRS (GMSK)	1 TX Slot	28.86	28.98	28.98	30.20	-9.19	19.67	19.79	19.79	21.01
	2 TX Slots	26.76	26.74	26.70	27.20	-6.18	20.58	20.56	20.52	21.02
	3 TX Slots	24.86	24.72	24.84	25.20	-4.42	20.44	20.30	20.42	20.78
	4 TX Slots	23.53	23.59	23.62	24.70	-3.17	20.36	20.42	20.45	21.53
EGPRS (8PSK)	1 TX Slot	25.23	25.22	25.24	27.20	-9.19	16.04	16.03	16.05	18.01
	2 TX Slots	23.49	23.55	23.51	25.20	-6.18	17.31	17.37	17.33	19.02
	3 TX Slots	21.35	21.37	21.34	23.20	-4.42	16.93	16.95	16.92	18.78
	4 TX Slots	19.83	19.97	19.94	21.20	-3.17	16.66	16.80	16.77	18.03

GSM 1900 State2										
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	24.60	24.74	24.75	26.20	-9.19	15.41	15.55	15.56	17.01
GPRS (GMSK)	1 TX Slot	24.62	24.68	24.73	26.20	-9.19	15.43	15.49	15.54	17.01
	2 TX Slots	22.83	22.77	22.87	24.70	-6.18	16.65	16.59	16.69	18.52
	3 TX Slots	19.90	19.96	20.01	22.70	-4.42	15.48	15.54	15.59	18.28
	4 TX Slots	18.74	18.77	18.84	20.70	-3.17	15.57	15.60	15.67	17.53
EGPRS (GMSK)	1 TX Slot	24.62	24.66	24.66	26.20	-9.19	15.43	15.47	15.47	17.01
	2 TX Slots	22.83	22.78	22.88	24.70	-6.18	16.65	16.60	16.70	18.52
	3 TX Slots	19.89	19.90	19.91	22.70	-4.42	15.47	15.48	15.49	18.28
	4 TX Slots	18.73	18.86	18.94	20.70	-3.17	15.56	15.69	15.77	17.53
EGPRS (8PSK)	1 TX Slot	23.05	23.12	23.07	23.20	-9.19	13.86	13.93	13.88	14.01
	2 TX Slots	20.44	20.03	20.50	21.20	-6.18	14.26	13.85	14.32	15.02
	3 TX Slots	18.01	18.02	17.95	19.20	-4.42	13.59	13.60	13.53	14.78
	4 TX Slots	16.35	16.41	16.37	17.20	-3.17	13.18	13.24	13.20	14.03



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GSM 1900 State4										
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	23.21	23.09	23.33	24.70	-9.19	14.02	13.90	14.14	15.51
GPRS (GMSK)	1 TX Slot	23.14	23.18	23.23	24.70	-9.19	13.95	13.99	14.04	15.51
	2 TX Slots	21.31	21.27	21.35	23.20	-6.18	15.13	15.09	15.17	17.02
	3 TX Slots	18.43	18.50	18.57	21.20	-4.42	14.01	14.08	14.15	16.78
	4 TX Slots	17.34	17.21	17.33	19.20	-3.17	14.17	14.04	14.16	16.03
EGPRS (GMSK)	1 TX Slot	23.17	23.13	23.30	24.70	-9.19	13.98	13.94	14.11	15.51
	2 TX Slots	21.33	21.29	21.36	23.20	-6.18	15.15	15.11	15.18	17.02
	3 TX Slots	18.44	18.54	18.55	21.20	-4.42	14.02	14.12	14.13	16.78
	4 TX Slots	17.35	17.29	17.27	19.20	-3.17	14.18	14.12	14.10	16.03
EGPRS (8PSK)	1 TX Slot	21.47	21.56	21.42	21.70	-9.19	12.28	12.37	12.23	12.51
	2 TX Slots	18.94	18.31	19.04	19.70	-6.18	12.76	12.13	12.86	13.52
	3 TX Slots	16.48	16.42	16.44	17.70	-4.42	12.06	12.00	12.02	13.28
	4 TX Slots	14.97	15.01	14.76	15.70	-3.17	11.80	11.84	11.59	12.53

WCDMA Band II State1/3					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.17	24.27	24.32	24.70
	12.2kbps AMR	24.26	24.18	24.24	24.70
HSDPA	Subtest 1	22.96	22.98	23.02	24.70
	Subtest 2	22.96	22.96	23.02	24.70
	Subtest 3	22.50	22.53	22.55	23.70
	Subtest 4	22.48	22.49	22.55	23.70
DC-HSDPA	Subtest 1	22.91	22.96	23.04	24.70
	Subtest 2	22.93	22.92	23.00	24.70
	Subtest 3	22.48	22.49	22.52	23.70
	Subtest 4	22.50	22.49	22.52	23.70
HSUPA	Subtest 1	21.14	20.56	20.56	21.70
	Subtest 2	20.65	20.55	20.60	21.70
	Subtest 3	21.66	21.56	21.61	22.70
	Subtest 4	20.18	20.05	20.09	21.70
HSPA+	Subtest 5	21.65	21.57	21.63	21.70
	16QAM	20.57	20.66	20.75	21.70

WCDMA Band II State2					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.78	17.89	18.04	19.20
	12.2kbps AMR	17.68	17.99	18.13	19.20
HSDPA	Subtest 1	17.71	17.80	17.90	19.20
	Subtest 2	17.75	17.80	17.89	19.20
	Subtest 3	17.79	17.85	17.92	19.20
	Subtest 4	17.74	17.84	17.92	19.20



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DC-HSDPA	Subtest 1	17.67	17.83	17.92	19.20
	Subtest 2	17.76	17.83	17.87	19.20
	Subtest 3	17.79	17.80	17.88	19.20
	Subtest 4	17.73	17.81	17.89	19.20
HSUPA	Subtest 1	18.13	18.05	18.08	19.20
	Subtest 2	18.13	18.04	18.09	19.20
	Subtest 3	18.14	18.07	18.08	19.20
	Subtest 4	18.12	18.04	18.10	19.20
	Subtest 5	18.14	18.06	18.15	19.20
HSPA+	16QAM	18.05	18.15	18.11	19.20

WCDMA Band II State4					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.81	16.87	17.07	17.70
	12.2kbps AMR	16.85	16.82	17.15	17.70
HSDPA	Subtest 1	16.63	16.55	16.61	17.70
	Subtest 2	16.65	16.57	16.61	17.70
	Subtest 3	16.62	16.59	16.69	17.70
	Subtest 4	16.66	16.59	16.62	17.70
DC-HSDPA	Subtest 1	16.62	16.51	16.65	17.70
	Subtest 2	16.62	16.55	16.59	17.70
	Subtest 3	16.64	16.54	16.64	17.70
	Subtest 4	16.68	16.55	16.64	17.70
HSUPA	Subtest 1	16.95	16.97	17.03	17.70
	Subtest 2	16.98	17.02	17.10	17.70
	Subtest 3	16.99	17.03	17.10	17.70
	Subtest 4	16.97	17.00	17.03	17.70
	Subtest 5	16.96	17.01	17.11	17.70
HSPA+	16QAM	16.88	16.95	16.92	17.70

WCDMA Band IV State1					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.46	22.21	22.51	24.20
	12.2kbps AMR	22.41	22.29	22.58	24.20
HSDPA	Subtest 1	22.31	22.05	22.02	23.20
	Subtest 2	22.30	22.04	22.01	23.20
	Subtest 3	21.82	21.58	21.54	23.20
	Subtest 4	21.79	21.57	21.50	23.20
DC-HSDPA	Subtest 1	22.31	22.02	21.98	23.20
	Subtest 2	22.31	22.01	22.05	23.20
	Subtest 3	21.78	21.54	21.51	23.20
	Subtest 4	21.83	21.54	21.53	23.20
HSUPA	Subtest 1	20.28	20.5	20.51	21.20
	Subtest 2	20.29	20.04	20.01	21.20
	Subtest 3	21.31	21.03	21.03	22.20
	Subtest 4	19.80	19.55	19.55	21.20
	Subtest 5	21.29	21.04	21.01	22.20
HSPA+	16QAM	20.35	20.31	20.33	21.20

WCDMA Band IV State2					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.08	18.67	18.73	20.20
	12.2kbps AMR	19.02	18.77	18.79	20.20
HSDPA	Subtest 1	18.77	18.53	18.49	20.20
	Subtest 2	18.79	18.55	18.50	20.20
	Subtest 3	18.80	18.56	18.57	20.20



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	Subtest 4	18.80	18.52	18.53	20.20
DC-HSDPA	Subtest 1	18.77	18.53	18.49	20.20
	Subtest 2	18.74	18.51	18.54	20.20
	Subtest 3	18.81	18.57	18.61	20.20
	Subtest 4	18.84	18.54	18.48	20.20
	Subtest 1	18.73	18.48	18.47	20.20
HSUPA	Subtest 2	18.78	18.53	18.51	20.20
	Subtest 3	18.78	18.54	18.52	20.20
	Subtest 4	18.74	18.51	18.51	20.20
	Subtest 5	18.76	18.53	18.49	20.20
HSPA+	16QAM	18.44	18.45	18.46	20.20

WCDMA Band IV State3					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.47	21.23	21.49	23.20
	12.2kbps AMR	21.54	21.3	21.54	23.20
HSDPA	Subtest 1	21.45	21.36	21.48	23.20
	Subtest 2	21.45	21.37	21.49	23.20
	Subtest 3	21.51	21.43	21.53	22.20
	Subtest 4	21.43	21.41	21.48	22.20
DC-HSDPA	Subtest 1	21.45	21.40	21.47	23.20
	Subtest 2	21.42	21.40	21.48	23.20
	Subtest 3	21.55	21.41	21.58	22.20
	Subtest 4	21.48	21.45	21.51	22.20
HSUPA	Subtest 1	20.26	20.51	19.99	21.20
	Subtest 2	20.26	20.03	20.01	21.20
	Subtest 3	21.29	21.03	21.01	22.20
	Subtest 4	19.79	19.53	19.51	21.20
	Subtest 5	21.27	21.03	21.00	22.20
HSPA+	16QAM	20.26	20.21	20.23	21.20

WCDMA Band IV State4					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.49	17.12	17.17	18.70
	12.2kbps AMR	17.55	17.12	17.14	18.70
HSDPA	Subtest 1	17.27	17.03	16.99	18.70
	Subtest 2	17.28	17.05	17.00	18.70
	Subtest 3	17.31	17.12	17.03	18.70
	Subtest 4	17.29	17.06	16.94	18.70
DC-HSDPA	Subtest 1	17.26	17.00	16.99	18.70
	Subtest 2	17.25	17.02	17.00	18.70
	Subtest 3	17.34	17.08	17.00	18.70
	Subtest 4	17.30	17.02	16.90	18.70
HSUPA	Subtest 1	17.24	16.96	16.95	18.70
	Subtest 2	17.25	16.99	16.93	18.70
	Subtest 3	17.28	17.00	16.98	18.70
	Subtest 4	17.22	16.96	16.94	18.70
	Subtest 5	17.24	16.99	16.94	18.70
HSPA+	16QAM	17.11	17.05	16.98	18.70

LTE Band 2 State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	18607	18900	19193	24.00
				22.91	22.81	22.96	24.00
				22.73	22.98	23.05	24.00
				22.99	23.02	22.96	24.00



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		3	0	22.86	22.86	22.87	24.00
		3	2	23.02	23.00	23.02	24.00
		3	3	23.01	23.01	22.91	24.00
		6	0	22.08	22.11	21.89	23.00
	16QAM	1	0	22.06	21.53	22.28	23.00
		1	2	21.95	22.19	22.41	23.00
		1	5	22.05	22.00	22.25	23.00
		3	0	21.94	21.90	21.83	23.00
		3	2	21.99	22.09	22.05	23.00
		3	3	22.15	21.94	22.12	23.00
		6	0	20.81	20.93	20.98	22.00
	64QAM	1	0	21.05	20.69	20.92	22.00
		1	2	20.90	20.67	20.98	22.00
		1	5	20.71	21.08	20.97	22.00
		3	0	20.90	21.00	20.75	22.00
		3	2	21.12	21.16	20.97	22.00
		3	3	20.89	20.84	20.92	22.00
		6	0	20.07	19.80	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.93	22.74	22.98	24.00
		1	7	22.75	22.88	23.00	24.00
		1	14	22.90	22.92	22.94	24.00
		8	0	21.94	21.95	21.92	23.00
		8	4	22.00	21.97	22.05	23.00
		8	7	22.05	22.03	21.87	23.00
		15	0	22.00	22.15	21.79	23.00
	16QAM	1	0	21.98	21.59	22.20	23.00
		1	7	21.88	22.15	22.38	23.00
		1	14	22.05	21.96	22.24	23.00
		8	0	20.95	20.85	20.75	22.00
		8	4	21.04	21.14	21.05	22.00
		8	7	21.10	20.93	21.02	22.00
		15	0	20.83	21.01	20.92	22.00
	64QAM	1	0	21.04	20.67	20.94	22.00
		1	7	20.97	20.77	21.07	22.00
		1	14	20.74	21.06	21.06	22.00
		8	0	19.89	20.06	19.79	21.00
		8	4	20.09	20.12	19.88	21.00
		8	7	19.93	19.90	19.97	21.00
		15	0	20.06	19.88	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.85	22.82	22.96	24.00
		1	13	22.83	22.93	22.90	24.00
		1	24	22.89	22.92	23.03	24.00
		12	0	21.87	21.93	22.00	23.00
		12	6	22.05	22.02	22.02	23.00
		12	13	22.05	22.13	21.95	23.00
		25	0	22.08	22.09	21.89	23.00
	16QAM	1	0	21.88	21.67	22.22	23.00
		1	13	21.96	22.24	22.30	23.00
		1	24	22.10	22.03	22.24	23.00
		12	0	20.91	20.76	20.83	22.00
		12	6	20.97	21.17	21.05	22.00
		12	13	21.12	20.84	21.01	22.00
		25	0	20.92	21.10	20.86	22.00
	64QAM	1	0	20.94	20.65	20.90	22.00
		1	13	20.93	20.85	21.11	22.00
		1	24	20.75	20.98	21.13	22.00
		12	0	19.95	20.03	19.87	21.00



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		12	6	20.12	20.03	19.95	21.00
		12	13	19.85	19.94	19.93	21.00
		25	0	20.00	19.90	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.81	22.79	22.88	24.00
		1	25	22.84	22.86	22.82	24.00
		1	49	22.95	22.85	22.95	24.00
		25	0	21.96	21.88	22.00	23.00
		25	13	22.02	22.01	22.00	23.00
		25	25	22.11	22.04	21.93	23.00
		50	0	21.98	22.08	21.90	23.00
	16QAM	1	0	21.80	21.73	22.18	23.00
		1	25	22.01	22.26	22.29	23.00
		1	49	22.08	22.00	22.26	23.00
		25	0	20.94	20.79	20.79	22.00
		25	13	20.90	21.12	21.01	22.00
		25	25	21.05	20.88	21.06	22.00
		50	0	20.99	21.01	20.86	22.00
	64QAM	1	0	20.97	20.57	20.97	22.00
		1	25	20.93	20.82	21.01	22.00
		1	49	20.81	20.98	21.09	22.00
		25	0	19.88	20.03	19.87	21.00
		25	13	20.02	19.95	20.02	21.00
		25	25	19.89	19.84	19.90	21.00
		50	0	19.95	19.99	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.81	22.82	22.88	24.00
		1	38	22.80	22.96	22.83	24.00
		1	74	22.85	22.81	22.89	24.00
		36	0	21.94	21.92	22.05	23.00
		36	18	22.10	22.01	22.10	23.00
		36	39	22.12	21.98	22.03	23.00
		75	0	22.08	21.99	21.93	23.00
	16QAM	1	0	21.87	21.83	22.15	23.00
		1	38	21.98	22.20	22.34	23.00
		1	74	22.11	22.03	22.26	23.00
		36	0	20.94	20.88	20.83	22.00
		36	18	20.97	21.05	20.96	22.00
		36	39	21.07	20.98	20.96	22.00
		75	0	21.05	21.02	20.91	22.00
	64QAM	1	0	21.00	20.64	20.91	22.00
		1	38	21.02	20.78	21.08	22.00
		1	74	20.73	20.97	21.03	22.00
		36	0	19.94	20.03	19.91	21.00
		36	18	20.04	19.92	19.97	21.00
		36	39	19.99	19.92	19.95	21.00
		75	0	19.91	20.03	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.76	22.74	22.85	24.00
		1	50	22.87	22.97	22.87	24.00
		1	99	22.91	22.87	22.86	24.00
		50	0	22.01	22.01	21.96	23.00
		50	25	22.07	22.04	22.02	23.00
		50	50	22.05	21.96	21.97	23.00
		100	0	22.04	21.97	21.90	23.00
	16QAM	1	0	21.85	21.92	22.13	23.00
		1	50	22.08	22.10	22.28	23.00
		1	99	22.06	22.06	22.23	23.00



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		50	0	20.94	20.98	20.90	22.00
		50	25	20.99	20.98	21.02	22.00
		50	50	21.10	20.97	20.96	22.00
		100	0	20.97	20.93	20.94	22.00
	64QAM	1	0	20.94	20.59	21.01	22.00
		1	50	21.07	20.88	21.18	22.00
		1	99	20.75	21.02	21.02	22.00
		50	0	19.89	19.95	19.89	21.00
		50	25	19.97	20.00	19.99	21.00
		50	50	20.04	19.95	19.97	21.00
		100	0	19.97	19.94	19.89	21.00

LTE Band 2 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	17.60	17.81	17.84	19.50
		1	2	17.70	17.96	17.66	19.50
		1	5	17.72	17.81	18.07	19.50
		3	0	17.82	17.90	17.79	19.50
		3	2	17.63	17.97	17.99	19.50
		3	3	18.10	18.04	17.62	19.50
	16QAM	6	0	18.11	17.85	17.83	19.50
		1	0	17.95	18.26	18.11	19.50
		1	2	18.07	18.05	18.17	19.50
		1	5	17.90	17.71	18.18	19.50
		3	0	17.80	17.94	18.10	19.50
		3	2	18.14	17.99	17.91	19.50
	64QAM	3	3	17.94	18.14	17.71	19.50
		6	0	17.76	17.71	18.01	19.50
		1	0	17.92	17.99	17.86	19.50
		1	2	18.04	18.39	18.29	19.50
		1	5	17.85	17.88	17.71	19.50
		3	0	17.68	17.97	17.73	19.50
3MHz	QPSK	3	2	18.07	18.08	18.01	19.50
		3	3	18.12	17.65	17.95	19.50
		6	0	17.87	17.73	17.96	19.50
	16QAM	1	0	17.64	17.81	17.82	19.50
		1	7	17.80	18.01	17.64	19.50
		1	14	17.79	17.71	17.97	19.50
	64QAM	8	0	17.90	17.86	17.74	19.50
		8	4	17.65	17.93	17.99	19.50
		8	7	18.02	18.01	17.72	19.50
	16QAM	15	0	18.13	17.89	17.93	19.50
		1	0	17.93	18.25	18.04	19.50
		1	7	18.15	18.05	18.10	19.50
		1	14	17.87	17.77	18.09	19.50
	64QAM	8	0	17.86	17.85	18.04	19.50
		8	4	18.13	18.03	17.82	19.50
		8	7	18.02	18.05	17.66	19.50
	16QAM	15	0	17.77	17.66	17.99	19.50
		1	0	17.92	17.90	17.88	19.50
		1	7	17.95	18.31	18.20	19.50
		1	14	17.91	17.96	17.80	19.50
	64QAM	8	0	17.72	17.87	17.68	19.50
		8	4	18.09	18.05	17.97	19.50
		8	7	18.08	17.73	17.95	19.50
		15	0	17.91	17.68	18.02	19.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	17.67	17.73	17.79	19.50
		1	13	17.70	18.04	17.65	19.50
		1	24	17.81	17.73	17.94	19.50
		12	0	17.82	17.88	17.80	19.50
		12	6	17.72	17.92	18.03	19.50
		12	13	17.95	17.95	17.73	19.50
		25	0	18.08	17.91	17.94	19.50
	16QAM	1	0	17.89	18.17	18.01	19.50
		1	13	18.10	18.05	18.20	19.50
		1	24	17.96	17.73	18.12	19.50
		12	0	17.90	17.83	18.00	19.50
		12	6	18.03	18.00	17.89	19.50
		12	13	17.98	18.01	17.76	19.50
		25	0	17.77	17.69	17.98	19.50
	64QAM	1	0	18.02	17.96	17.94	19.50
		1	13	17.97	18.24	18.15	19.50
		1	24	17.99	17.88	17.90	19.50
		12	0	17.80	17.96	17.73	19.50
		12	6	18.10	18.07	18.06	19.50
		12	13	18.01	17.71	18.05	19.50
		25	0	18.00	17.78	17.93	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.58	17.77	17.84	19.50
		1	25	17.79	18.00	17.72	19.50
		1	49	17.72	17.72	17.96	19.50
		25	0	17.85	17.96	17.76	19.50
		25	13	17.79	17.91	18.09	19.50
		25	25	17.97	17.86	17.83	19.50
		50	0	18.03	17.91	17.96	19.50
	16QAM	1	0	17.92	18.12	18.03	19.50
		1	25	18.07	18.05	18.19	19.50
		1	49	17.91	17.80	18.09	19.50
		25	0	18.00	17.88	17.96	19.50
		25	13	17.95	18.03	17.88	19.50
		25	25	18.01	17.91	17.81	19.50
		50	0	17.85	17.75	17.95	19.50
	64QAM	1	0	18.10	17.87	17.94	19.50
		1	25	18.05	18.18	18.08	19.50
		1	49	17.99	17.93	17.84	19.50
		25	0	17.70	17.92	17.83	19.50
		25	13	18.04	18.07	17.98	19.50
		25	25	17.96	17.81	17.95	19.50
		50	0	18.02	17.87	17.98	19.50
		50	0	18.02	17.87	17.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.54	17.74	17.86	19.50
		1	38	17.87	17.97	17.77	19.50
		1	74	17.77	17.70	17.87	19.50
		36	0	17.85	17.87	17.86	19.50
		36	18	17.84	17.84	18.03	19.50
		36	39	17.98	17.81	17.88	19.50
		75	0	17.97	17.83	17.97	19.50
	16QAM	1	0	17.98	18.11	18.10	19.50
		1	38	18.00	18.14	18.16	19.50
		1	74	17.97	17.89	17.99	19.50
		36	0	17.91	17.92	17.89	19.50
		36	18	17.91	17.94	17.95	19.50
		36	39	17.96	18.00	17.91	19.50



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		75	0	17.91	17.79	17.91	19.50
	64QAM	1	0	18.02	17.79	17.94	19.50
		1	38	18.02	18.08	18.02	19.50
		1	74	17.97	18.00	17.89	19.50
		36	0	17.76	17.90	17.89	19.50
		36	18	17.97	18.01	17.94	19.50
		36	39	17.88	17.80	17.94	19.50
		75	0	17.95	17.92	17.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.53	17.76	17.94	19.50
		1	50	17.85	17.88	17.85	19.50
		1	99	17.81	17.79	17.90	19.50
		50	0	17.86	17.88	17.86	19.50
		50	25	17.92	17.92	17.94	19.50
		50	50	17.98	17.90	17.85	19.50
		100	0	17.90	17.89	17.89	19.50
	16QAM	1	0	18.02	18.03	18.03	19.50
		1	50	18.10	18.18	18.07	19.50
		1	99	18.04	17.95	18.08	19.50
		50	0	17.83	17.93	17.82	19.50
		50	25	17.94	17.89	17.88	19.50
		50	50	17.91	17.91	17.89	19.50
		100	0	17.88	17.89	17.82	19.50
	64QAM	1	0	17.94	17.87	17.94	19.50
		1	50	18.08	18.01	18.01	19.50
		1	99	17.93	17.95	17.97	19.50
		50	0	17.77	17.89	17.82	19.50
		50	25	17.94	17.92	17.90	19.50
		50	50	17.93	17.89	17.86	19.50
		100	0	17.87	17.82	17.88	19.50

LTE Band 2 State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.13	16.29	16.37	18.00
		1	2	16.22	16.02	16.45	18.00
		1	5	16.07	16.05	16.19	18.00
		3	0	16.04	16.14	16.41	18.00
		3	2	16.13	16.27	16.29	18.00
		3	3	16.11	16.28	16.23	18.00
		6	0	16.20	16.33	16.16	18.00
	16QAM	1	0	16.38	16.42	16.46	18.00
		1	2	16.57	16.38	16.30	18.00
		1	5	16.53	16.58	16.27	18.00
		3	0	16.20	16.05	16.08	18.00
		3	2	16.29	16.35	16.23	18.00
		3	3	16.37	16.19	16.03	18.00
		6	0	16.25	16.25	16.24	18.00
	64QAM	1	0	16.07	16.28	16.29	18.00
		1	2	16.32	16.38	16.46	18.00
		1	5	16.40	16.43	16.27	18.00
		3	0	16.03	16.10	16.22	18.00
		3	2	16.22	16.30	16.21	18.00
		3	3	16.27	16.34	16.19	18.00
		6	0	16.56	16.19	16.21	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.03	16.32	16.29	18.00



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		1	7	16.20	16.08	16.42	18.00
		1	14	16.07	16.07	16.16	18.00
		8	0	16.13	16.20	16.36	18.00
		8	4	16.11	16.37	16.28	18.00
		8	7	16.11	16.27	16.18	18.00
		15	0	16.12	16.28	16.16	18.00
	16QAM	1	0	16.42	16.32	16.54	18.00
		1	7	16.47	16.34	16.40	18.00
		1	14	16.52	16.58	16.33	18.00
		8	0	16.20	16.09	16.18	18.00
		8	4	16.22	16.28	16.22	18.00
		8	7	16.38	16.15	16.06	18.00
		15	0	16.16	16.32	16.22	18.00
	64QAM	1	0	16.12	16.21	16.24	18.00
		1	7	16.40	16.46	16.49	18.00
		1	14	16.41	16.43	16.35	18.00
		8	0	16.00	16.18	16.21	18.00
		8	4	16.26	16.31	16.31	18.00
		8	7	16.27	16.27	16.15	18.00
		15	0	16.56	16.11	16.25	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.05	16.27	16.21	18.00
		1	13	16.29	16.07	16.32	18.00
		1	24	16.00	16.03	16.18	18.00
		12	0	16.17	16.14	16.28	18.00
		12	6	16.06	16.38	16.29	18.00
		12	13	16.18	16.28	16.15	18.00
	16QAM	25	0	16.07	16.22	16.08	18.00
		1	0	16.43	16.32	16.44	18.00
		1	13	16.40	16.42	16.48	18.00
		1	24	16.56	16.62	16.39	18.00
		12	0	16.19	16.12	16.20	18.00
		12	6	16.32	16.20	16.30	18.00
	64QAM	12	13	16.38	16.24	16.11	18.00
		25	0	16.16	16.35	16.13	18.00
		1	0	16.07	16.26	16.26	18.00
		1	13	16.50	16.42	16.43	18.00
		1	24	16.38	16.49	16.39	18.00
		12	0	16.05	16.14	16.18	18.00
		12	6	16.17	16.31	16.22	18.00
		12	13	16.17	16.22	16.14	18.00
		25	0	16.49	16.02	16.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.01	16.37	16.11	18.00
		1	25	16.25	16.17	16.35	18.00
		1	49	16.04	16.09	16.19	18.00
		25	0	16.13	16.21	16.24	18.00
		25	13	16.06	16.29	16.29	18.00
		25	25	16.16	16.20	16.14	18.00
	16QAM	50	0	16.17	16.19	16.06	18.00
		1	0	16.36	16.27	16.47	18.00
		1	25	16.32	16.38	16.44	18.00
		1	49	16.56	16.54	16.46	18.00
		25	0	16.21	16.05	16.12	18.00
		25	13	16.38	16.27	16.24	18.00
		25	25	16.40	16.23	16.16	18.00
		50	0	16.08	16.29	16.13	18.00
	64QAM	1	0	16.03	16.36	16.25	18.00
		1	25	16.42	16.44	16.39	18.00



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		1	49	16.39	16.40	16.46	18.00
		25	0	16.12	16.21	16.23	18.00
		25	13	16.23	16.40	16.25	18.00
		25	25	16.17	16.26	16.10	18.00
		50	0	16.40	16.11	16.10	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.00	16.27	16.09	18.00
		1	38	16.19	16.26	16.27	18.00
		1	74	16.14	16.18	16.24	18.00
		36	0	16.19	16.26	16.19	18.00
		36	18	16.15	16.22	16.33	18.00
		36	39	16.19	16.30	16.23	18.00
		75	0	16.17	16.28	16.13	18.00
	16QAM	1	0	16.30	16.28	16.46	18.00
		1	38	16.42	16.44	16.36	18.00
		1	74	16.46	16.52	16.56	18.00
		36	0	16.25	16.12	16.14	18.00
		36	18	16.35	16.22	16.20	18.00
		36	39	16.37	16.20	16.13	18.00
		75	0	16.17	16.23	16.12	18.00
	64QAM	1	0	16.01	16.36	16.33	18.00
		1	38	16.33	16.39	16.35	18.00
		1	74	16.38	16.41	16.56	18.00
		36	0	16.17	16.24	16.18	18.00
		36	18	16.27	16.30	16.26	18.00
		36	39	16.25	16.28	16.16	18.00
		75	0	16.30	16.14	16.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.04	16.18	16.12	18.00
		1	50	16.19	16.18	16.21	18.00
		1	99	16.15	16.25	16.34	18.00
		50	0	16.17	16.24	16.24	18.00
		50	25	16.24	16.29	16.30	18.00
		50	50	16.29	16.25	16.21	18.00
		100	0	16.22	16.27	16.19	18.00
	16QAM	1	0	16.31	16.38	16.37	18.00
		1	50	16.45	16.54	16.37	18.00
		1	99	16.36	16.43	16.53	18.00
		50	0	16.19	16.19	16.22	18.00
		50	25	16.25	16.21	16.25	18.00
		50	50	16.31	16.21	16.23	18.00
		100	0	16.21	16.18	16.18	18.00
	64QAM	1	0	16.06	16.27	16.38	18.00
		1	50	16.31	16.31	16.37	18.00
		1	99	16.30	16.31	16.48	18.00
		50	0	16.17	16.23	16.20	18.00
		50	25	16.24	16.30	16.27	18.00
		50	50	16.33	16.28	16.22	18.00
		100	0	16.24	16.23	16.21	18.00

LTE Band 4 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.09	21.01	21.00	22.70
		1	2	21.20	21.12	21.07	22.70
		1	5	21.16	21.20	21.26	22.70
		3	0	21.06	21.07	21.10	22.70



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		3	2	20.70	20.76	20.76	22.70
		3	3	21.04	21.10	21.09	22.70
		6	0	21.04	21.01	21.02	22.70
	16QAM	1	0	21.10	21.11	21.06	22.70
		1	2	20.86	20.79	20.72	22.70
		1	5	21.47	21.51	21.56	22.70
		3	0	21.07	21.08	21.03	22.70
		3	2	20.76	20.80	20.78	22.70
		3	3	20.98	20.94	20.87	22.70
		6	0	20.61	20.59	20.67	22.20
	64QAM	1	0	20.61	20.66	20.66	22.20
		1	2	20.28	20.34	20.44	22.20
		1	5	20.78	20.74	20.72	22.20
		3	0	20.34	20.44	20.45	22.20
		3	2	20.26	20.25	20.35	22.20
		3	3	20.41	20.43	20.51	22.20
		6	0	19.53	19.63	19.72	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.06	21.08	21.00	22.70
		1	7	21.14	21.09	21.10	22.70
		1	14	21.37	21.28	21.33	22.70
		8	0	21.07	21.08	21.11	22.70
		8	4	20.71	20.81	20.72	22.70
		8	7	21.03	21.09	21.18	22.70
		15	0	21.14	21.09	21.04	22.70
	16QAM	1	0	21.15	21.06	21.04	22.70
		1	7	20.97	20.89	20.79	22.70
		1	14	21.58	21.50	21.60	22.70
		8	0	20.57	20.51	20.48	22.20
		8	4	20.37	20.32	20.36	22.20
		8	7	20.49	20.51	20.57	22.20
		15	0	20.53	20.51	20.44	22.20
	64QAM	1	0	20.59	20.59	20.59	22.20
		1	7	20.25	20.28	20.31	22.20
		1	14	20.70	20.77	20.73	22.20
		8	0	19.49	19.43	19.51	21.20
		8	4	19.41	19.34	19.31	21.20
		8	7	19.40	19.46	19.55	21.20
		15	0	19.49	19.53	19.46	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.08	21.04	21.11	22.70
		1	13	20.98	21.08	21.17	22.70
		1	24	21.18	21.28	21.21	22.70
		12	0	21.04	21.12	21.18	22.70
		12	6	20.89	20.82	20.91	22.70
		12	13	21.03	21.07	20.99	22.70
		25	0	20.93	21.03	21.01	22.70
	16QAM	1	0	21.01	21.09	21.00	22.70
		1	13	20.89	20.99	20.99	22.70
		1	24	21.57	21.54	21.57	22.70
		12	0	20.48	20.42	20.43	22.20
		12	6	20.44	20.39	20.44	22.20
		12	13	20.51	20.53	20.63	22.20
		25	0	20.41	20.48	20.58	22.20
	64QAM	1	0	20.47	20.50	20.53	22.20
		1	13	20.30	20.24	20.30	22.20
		1	24	20.72	20.69	20.73	22.20
		12	0	19.32	19.35	19.34	21.20
		12	6	19.47	19.42	19.38	21.20



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		12	13	19.51	19.47	19.52	21.20
		25	0	19.60	19.53	19.46	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.04	20.94	20.92	22.70
		1	25	21.12	21.06	21.13	22.70
		1	49	21.15	21.21	21.23	22.70
		25	0	21.04	21.13	21.10	22.70
		25	13	20.87	20.91	20.89	22.70
		25	25	21.11	21.02	21.10	22.70
		50	0	20.94	21.00	20.93	22.70
		50	13	20.94	21.00	20.93	22.70
	16QAM	1	0	20.97	21.06	21.02	22.70
		1	25	20.95	21.02	21.06	22.70
		1	49	21.63	21.64	21.68	22.70
		25	0	20.41	20.41	20.50	22.20
		25	13	20.47	20.46	20.43	22.20
		25	25	20.43	20.50	20.48	22.20
		50	0	20.45	20.41	20.36	22.20
		50	13	20.45	20.41	20.36	22.20
	64QAM	1	0	20.51	20.60	20.59	22.20
		1	25	20.32	20.26	20.26	22.20
		1	49	20.81	20.73	20.73	22.20
		25	0	19.42	19.43	19.33	21.20
		25	13	19.34	19.39	19.41	21.20
		25	25	19.43	19.47	19.49	21.20
		50	0	19.43	19.52	19.62	21.20
		50	13	19.43	19.52	19.62	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.93	20.89	20.84	22.70
		1	38	20.94	20.96	20.87	22.70
		1	74	21.08	21.12	21.15	22.70
		36	0	21.07	21.03	20.94	22.70
		36	18	20.97	20.93	20.83	22.70
		36	39	21.10	21.06	21.16	22.70
		75	0	21.00	21.00	20.93	22.70
		75	18	21.10	21.03	20.95	22.70
	16QAM	1	0	21.10	21.03	20.95	22.70
		1	38	20.98	21.04	21.07	22.70
		1	74	21.65	21.55	21.61	22.70
		36	0	20.41	20.40	20.46	22.20
		36	18	20.49	20.44	20.35	22.20
		36	39	20.40	20.48	20.41	22.20
		75	0	20.30	20.39	20.47	22.20
		75	18	20.30	20.39	20.47	22.20
	64QAM	1	0	20.51	20.51	20.41	22.20
		1	38	20.23	20.29	20.24	22.20
		1	74	20.68	20.73	20.72	22.20
		36	0	19.44	19.38	19.42	21.20
		36	18	19.55	19.48	19.39	21.20
		36	39	19.34	19.40	19.30	21.20
		75	0	19.42	19.52	19.58	21.20
		75	18	19.42	19.52	19.58	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	20.87	/	22.70
		1	50	/	21.00	/	22.70
		1	99	/	21.11	/	22.70
		50	0	/	20.96	/	22.70
		50	25	/	20.97	/	22.70
		50	50	/	21.00	/	22.70
		100	0	/	20.96	/	22.70
		100	25	/	20.96	/	22.70
	16QAM	1	0	/	21.08	/	22.70
		1	50	/	21.12	/	22.70
		1	99	/	21.50	/	22.70
		50	0	/	20.44	/	22.20



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		50	25	/	20.42	/	22.20
		50	50	/	20.50	/	22.20
		100	0	/	20.48	/	22.20
	64QAM	1	0	/	20.55	/	22.20
		1	50	/	20.36	/	22.20
		1	99	/	20.71	/	22.20
		50	0	/	19.42	/	21.20
		50	25	/	19.45	/	21.20
		50	50	/	19.48	/	21.20
		100	0	/	19.47	/	21.20

LTE Band 4 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.29	18.35	18.43	19.70
		1	2	18.33	18.42	18.42	19.70
		1	5	18.58	18.53	18.61	19.70
		3	0	17.91	17.94	17.98	19.70
		3	2	18.58	18.56	18.52	19.70
		3	3	18.53	18.61	18.56	19.70
	16QAM	6	0	17.95	18.01	18.02	19.70
		1	0	17.99	18.08	18.00	19.70
		1	2	18.21	18.30	18.22	19.70
		1	5	18.47	18.53	18.45	19.70
		3	0	18.17	18.07	18.16	19.70
		3	2	18.39	18.42	18.37	19.70
	64QAM	3	3	18.22	18.32	18.40	19.70
		6	0	18.17	18.13	18.22	19.70
		1	0	18.24	18.21	18.23	19.70
		1	2	18.36	18.40	18.49	19.70
		1	5	18.58	18.49	18.39	19.70
		3	0	18.16	18.17	18.27	19.70
3MHz	QPSK	3	2	18.29	18.35	18.25	19.70
		3	3	18.28	18.30	18.37	19.70
		6	0	18.23	18.24	18.20	19.70
	16QAM	1	0	18.45	18.44	18.49	19.70
		1	7	18.38	18.32	18.34	19.70
		1	14	18.58	18.61	18.55	19.70
	64QAM	8	0	18.08	18.14	18.04	19.70
		8	4	18.49	18.48	18.44	19.70
		8	7	18.41	18.40	18.43	19.70
		15	0	18.21	18.18	18.09	19.70
	16QAM	1	0	18.35	18.36	18.44	19.70
		1	7	18.31	18.31	18.41	19.70
		1	14	18.78	18.68	18.60	19.70
		8	0	17.86	17.95	17.91	19.70
		8	4	18.58	18.55	18.50	19.70
		8	7	18.26	18.32	18.39	19.70
	64QAM	15	0	18.21	18.15	18.20	19.70
		1	0	18.54	18.48	18.46	19.70
		1	7	18.40	18.46	18.54	19.70
		1	14	18.75	18.65	18.59	19.70
		8	0	17.77	17.84	17.80	19.70
		8	4	18.24	18.30	18.30	19.70
		8	7	18.25	18.32	18.33	19.70
		15	0	18.24	18.24	18.30	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				19975	20175	20375	
5MHz	QPSK	1	0	18.37	18.46	18.56	19.70
		1	13	18.35	18.36	18.37	19.70
		1	24	18.50	18.46	18.45	19.70
		12	0	18.17	18.07	18.15	19.70
		12	6	19.59	19.67	19.69	19.70
		12	13	18.23	18.27	18.32	19.70
	16QAM	25	0	18.15	18.18	18.23	19.70
		1	0	18.50	18.43	18.48	19.70
		1	13	18.28	18.31	18.22	19.70
		1	24	18.53	18.46	18.51	19.70
		12	0	18.09	18.11	18.05	19.70
		12	6	18.35	18.34	18.37	19.70
	64QAM	12	13	18.40	18.32	18.32	19.70
		25	0	18.37	18.33	18.43	19.70
		1	0	18.29	18.38	18.44	19.70
		1	13	18.36	18.36	18.32	19.70
		1	24	18.48	18.51	18.55	19.70
		12	0	18.07	18.06	18.12	19.70
10MHz	QPSK	12	6	18.35	18.45	18.47	19.70
		12	13	18.26	18.33	18.41	19.70
		25	0	18.23	18.27	18.24	19.70
	16QAM	1	0	18.34	18.37	18.36	19.70
		1	25	18.32	18.23	18.22	19.70
		1	49	18.38	18.42	18.50	19.70
	64QAM	25	0	18.23	18.21	18.12	19.70
		25	13	18.31	18.29	18.25	19.70
		25	25	18.25	18.35	18.29	19.70
		50	0	18.20	18.10	18.19	19.70
	16QAM	1	0	18.39	18.34	18.35	19.70
		1	25	18.30	18.37	18.33	19.70
		1	49	18.65	18.57	18.58	19.70
		25	0	18.16	18.15	18.16	19.70
		25	13	19.51	19.57	19.64	19.70
		25	25	18.16	18.18	18.11	19.70
15MHz	QPSK	50	0	18.24	18.25	18.32	19.70
		1	0	18.31	18.22	18.13	19.70
		1	25	18.38	18.29	18.28	19.70
		1	49	18.57	18.61	18.68	19.70
		25	0	18.24	18.18	18.24	19.70
		25	13	18.52	18.43	18.43	19.70
	16QAM	25	25	18.08	18.09	18.17	19.70
		50	0	18.29	18.23	18.22	19.70
	QPSK	1	0	18.24	18.16	18.26	19.70
		1	38	18.55	18.49	18.58	19.70
		1	74	18.54	18.58	18.48	19.70
		36	0	18.07	18.17	18.25	19.70
		36	18	18.22	18.24	18.30	19.70
		36	39	18.11	18.15	18.15	19.70
	16QAM	75	0	18.37	18.31	18.25	19.70
		1	0	18.28	18.30	18.36	19.70
		1	38	18.39	18.30	18.22	19.70
		1	74	18.54	18.48	18.44	19.70
		36	0	18.12	18.06	17.96	19.70
		36	18	18.21	18.17	18.18	19.70
Bandwidth	Modulation	36	39	18.11	18.16	18.09	19.70
		75	0	18.21	18.20	18.21	19.70
		Channel	Channel	Channel	Channel	Channel	Tune up
		20000	20175	20350	20350	20350	Tune up
		Channel	Channel	Channel	Channel	Channel	Tune up
		20025	20175	20325	20325	20325	Tune up
	Modulation	1	0	18.24	18.16	18.26	19.70
		1	38	18.55	18.49	18.58	19.70
		1	74	18.54	18.58	18.48	19.70
		36	0	18.07	18.17	18.25	19.70
		36	18	18.22	18.24	18.30	19.70
		36	39	18.11	18.15	18.15	19.70
	16QAM	75	0	18.37	18.31	18.25	19.70
		1	0	18.28	18.30	18.36	19.70
		1	38	18.39	18.30	18.22	19.70
		1	74	18.54	18.48	18.44	19.70
		36	0	18.12	18.06	17.96	19.70
		36	18	18.21	18.17	18.18	19.70



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		1	0	18.40	18.36	18.46	19.70
		1	38	18.22	18.30	18.34	19.70
		1	74	18.39	18.41	18.41	19.70
	64QAM	36	0	18.22	18.19	18.14	19.70
		36	18	18.31	18.29	18.31	19.70
		36	39	18.32	18.24	18.24	19.70
		75	0	18.04	18.13	18.16	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.12	/	19.70
		1	50	/	18.22	/	19.70
		1	99	/	18.37	/	19.70
		50	0	/	18.18	/	19.70
		50	25	/	18.27	/	19.70
		50	50	/	18.22	/	19.70
		100	0	/	18.18	/	19.70
	16QAM	1	0	/	18.12	/	19.70
		1	50	/	18.43	/	19.70
		1	99	/	18.52	/	19.70
		50	0	/	18.18	/	19.70
		50	25	/	18.26	/	19.70
		50	50	/	18.24	/	19.70
		100	0	/	18.26	/	19.70
	64QAM	1	0	/	18.31	/	19.70
		1	50	/	18.26	/	19.70
		1	99	/	18.46	/	19.70
		50	0	/	18.13	/	19.70
		50	25	/	18.24	/	19.70
		50	50	/	18.22	/	19.70
		100	0	/	18.15	/	19.70

LTE Band 4 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.01	20.10	20.16	21.70
		1	2	19.94	19.92	19.83	21.70
		1	5	19.79	19.78	19.75	21.70
		3	0	19.87	19.79	19.75	21.70
		3	2	20.00	20.04	19.95	21.70
		3	3	19.79	19.74	19.74	21.70
	16QAM	6	0	19.87	19.89	19.91	21.70
		1	0	20.10	20.01	20.02	21.70
		1	2	20.23	20.30	20.24	21.70
		1	5	19.82	19.92	19.89	21.70
		3	0	19.87	19.93	19.93	21.70
		3	2	19.72	19.81	19.90	21.70
	64QAM	3	3	19.70	19.77	19.82	21.70
		6	0	19.79	19.84	19.90	21.70
		1	0	19.95	19.94	20.02	21.70
		1	2	19.89	19.91	19.89	21.70
		1	5	20.29	20.28	20.34	21.70
		3	0	20.30	20.23	20.23	21.70
3MHz	QPSK	3	2	19.77	19.73	19.74	21.70
		3	3	20.09	20.08	20.07	21.70
		6	0	19.79	19.27	19.33	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.11	20.04	20.04	21.70
		1	7	19.99	20.02	20.06	21.70



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		1	14	19.73	19.70	19.73	21.70
		8	0	19.85	19.81	19.90	21.70
		8	4	19.99	19.98	19.94	21.70
		8	7	19.81	19.71	19.74	21.70
		15	0	19.95	19.95	20.03	21.70
	16QAM	1	0	20.02	20.08	19.98	21.70
		1	7	20.11	20.20	20.15	21.70
		1	14	19.96	20.02	20.11	21.70
		8	0	19.92	19.89	19.86	21.70
		8	4	19.73	19.74	19.79	21.70
	64QAM	8	7	19.76	19.76	19.82	21.70
		15	0	19.88	19.79	19.89	21.70
		1	0	19.85	19.87	19.80	21.70
		1	7	19.96	19.93	19.85	21.70
		1	14	20.15	20.18	20.15	21.70
		8	0	19.86	19.83	19.83	21.20
		8	4	19.74	19.20	19.76	21.20
		8	7	19.45	19.51	19.45	21.20
		15	0	19.30	19.36	19.36	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20375	20375	
5MHz	QPSK	1	0	19.86	19.94	20.04	21.70
		1	13	19.94	19.94	19.91	21.70
		1	24	19.75	19.79	19.79	21.70
		12	0	19.74	19.77	19.73	21.70
		12	6	19.93	19.92	19.82	21.70
	16QAM	12	13	19.85	19.80	19.70	21.70
		25	0	19.96	20.02	20.09	21.70
		1	0	20.14	20.06	20.13	21.70
		1	13	20.26	20.22	20.24	21.70
		1	24	20.05	20.02	19.99	21.70
	64QAM	12	0	19.92	19.84	19.83	21.70
		12	6	19.84	19.77	19.85	21.70
		12	13	19.70	19.70	19.79	21.70
		25	0	19.71	19.77	19.82	21.70
		1	0	19.90	19.92	19.83	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.90	19.89	19.85	21.70
		1	25	19.95	19.98	19.92	21.70
		1	49	19.97	19.88	19.86	21.70
		25	0	19.81	19.76	19.76	21.70
		25	13	19.94	19.86	19.80	21.70
	16QAM	25	25	19.82	19.85	19.81	21.70
		50	0	20.02	19.97	19.99	21.70
		1	0	20.25	20.16	20.19	21.70
		1	25	20.09	20.15	20.19	21.70
		1	49	20.04	20.01	20.09	21.70
	64QAM	25	0	19.94	19.85	19.81	21.70
		25	13	19.79	19.86	19.90	21.70
		25	25	19.85	19.80	19.80	21.70
		50	0	19.76	19.72	19.79	21.70
		1	0	19.99	20.01	20.01	21.70
		1	25	19.99	19.93	19.93	21.70
		1	49	20.24	20.15	20.14	21.70



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		25	0	19.75	19.20	19.77	21.20
		25	13	19.25	19.24	19.28	21.20
		25	25	19.35	19.41	19.45	21.20
		50	0	19.30	19.31	19.24	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.79	19.79	19.79	21.70
		1	38	20.00	19.95	19.87	21.70
		1	74	19.96	19.88	19.93	21.70
		36	0	19.86	19.82	19.74	21.70
		36	18	19.98	19.95	19.90	21.70
		36	39	20.00	19.95	20.04	21.70
		75	0	19.99	19.93	19.93	21.70
	16QAM	1	0	20.06	20.07	20.00	21.70
		1	38	20.16	20.06	20.16	21.70
		1	74	20.10	20.11	20.21	21.70
		36	0	19.91	19.87	19.90	21.70
		36	18	19.89	19.83	19.74	21.70
		36	39	19.79	19.75	19.75	21.70
		75	0	19.73	19.76	19.78	21.70
	64QAM	1	0	19.92	19.92	20.00	21.70
		1	38	20.05	20.01	20.04	21.70
		1	74	20.19	20.16	20.15	21.70
		36	0	19.24	19.22	19.23	21.20
		36	18	19.23	19.33	19.38	21.20
		36	39	19.45	19.44	19.41	21.20
		75	0	19.78	19.22	19.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	19.74	/	21.70
		1	50	/	19.85	/	21.70
		1	99	/	19.93	/	21.70
		50	0	/	19.82	/	21.70
		50	25	/	19.85	/	21.70
		50	50	/	19.88	/	21.70
		100	0	/	19.85	/	21.70
	16QAM	1	0	/	20.01	/	21.70
		1	50	/	20.07	/	21.70
		1	99	/	20.21	/	21.70
		50	0	/	19.80	/	21.70
		50	25	/	19.86	/	21.70
		50	50	/	19.85	/	21.70
		100	0	/	19.81	/	21.70
	64QAM	1	0	/	19.87	/	21.70
		1	50	/	20.01	/	21.70
		1	99	/	20.12	/	21.70
		50	0	/	19.30	/	21.20
		50	25	/	19.35	/	21.20
		50	50	/	19.37	/	21.20
		100	0	/	19.31	/	21.20

LTE Band 4 State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.29	17.28	17.38	18.70
		1	2	17.32	17.27	17.37	18.70
		1	5	17.24	17.21	17.11	18.70
		3	0	16.95	17.00	17.08	18.70
		3	2	17.14	17.23	17.30	18.70



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	16QAM	3	3	17.33	17.27	17.30	18.70
		6	0	17.20	17.14	17.16	18.70
		1	0	17.13	17.19	17.28	18.70
		1	2	17.24	17.23	17.24	18.70
		1	5	17.24	17.30	17.32	18.70
		3	0	16.91	16.94	16.97	18.70
		3	2	17.06	17.14	17.23	18.70
		3	3	17.37	17.39	17.39	18.70
		6	0	17.08	17.04	16.96	18.70
	64QAM	1	0	17.38	17.28	17.23	18.70
		1	2	17.24	17.16	17.20	18.70
		1	5	17.25	17.35	17.32	18.70
		3	0	17.11	17.06	17.06	18.70
		3	2	17.31	17.26	17.33	18.70
		3	3	17.29	17.32	17.29	18.70
		6	0	16.99	17.03	17.11	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.17	17.15	17.25	18.70
		1	7	17.13	17.05	17.15	18.70
		1	14	17.31	17.32	17.38	18.70
		8	0	16.86	16.93	16.93	18.70
		8	4	17.40	17.38	17.36	18.70
		8	7	17.25	17.35	17.25	18.70
		15	0	17.18	17.09	17.19	18.70
	16QAM	1	0	17.23	17.27	17.27	18.70
		1	7	17.20	17.21	17.29	18.70
		1	14	17.16	17.20	17.20	18.70
		8	0	16.89	16.95	17.02	18.70
		8	4	17.10	17.20	17.15	18.70
		8	7	17.26	17.23	17.17	18.70
		15	0	17.03	17.05	16.97	18.70
	64QAM	1	0	17.15	17.20	17.15	18.70
		1	7	17.13	17.22	17.13	18.70
		1	14	17.27	17.27	17.18	18.70
		8	0	17.11	17.04	17.11	18.70
		8	4	17.24	17.22	17.22	18.70
		8	7	17.40	17.32	17.42	18.70
		15	0	17.03	16.96	16.98	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	17.05	16.98	16.96	18.70
		1	13	17.05	17.06	17.13	18.70
		1	24	17.44	17.40	17.37	18.70
		12	0	17.00	17.07	17.14	18.70
		12	6	17.27	17.27	17.27	18.70
		12	13	17.40	17.37	17.39	18.70
		25	0	17.10	17.07	17.04	18.70
	16QAM	1	0	17.19	17.12	17.18	18.70
		1	13	17.04	17.14	17.07	18.70
		1	24	17.18	17.28	17.26	18.70
		12	0	17.10	17.00	17.09	18.70
		12	6	17.25	17.34	17.27	18.70
		12	13	17.39	17.31	17.21	18.70
		25	0	17.04	17.02	17.02	18.70
	64QAM	1	0	17.18	17.27	17.23	18.70
		1	13	17.21	17.17	17.08	18.70
		1	24	17.23	17.26	17.30	18.70
		12	0	17.04	17.05	17.09	18.70
		12	6	17.22	17.19	17.11	18.70
		12	13	17.41	17.32	17.22	18.70



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	0	17.14	17.04	17.00	18.70
				20000	20175	20350	
10MHz	QPSK	1	0	17.07	17.15	17.16	18.70
		1	25	17.07	17.13	17.14	18.70
		1	49	17.29	17.33	17.26	18.70
		25	0	17.17	17.12	17.04	18.70
		25	13	17.38	17.31	17.34	18.70
		25	25	17.32	17.25	17.20	18.70
		50	0	16.92	16.97	16.97	18.70
	16QAM	1	0	17.12	17.05	17.01	18.70
		1	25	17.04	17.09	17.15	18.70
		1	49	17.37	17.34	17.36	18.70
		25	0	17.08	17.10	17.20	18.70
		25	13	17.29	17.27	17.37	18.70
		25	25	17.35	17.31	17.26	18.70
		50	0	17.10	17.14	17.13	18.70
	64QAM	1	0	17.24	17.19	17.12	18.70
		1	25	17.22	17.14	17.15	18.70
		1	49	17.30	17.30	17.34	18.70
		25	0	17.00	17.08	17.06	18.70
		25	13	17.24	17.29	17.37	18.70
		25	25	17.17	17.25	17.17	18.70
		50	0	16.97	17.02	17.04	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.29	17.19	17.15	18.70
		1	38	17.31	17.36	17.37	18.70
		1	74	17.57	17.47	17.47	18.70
		36	0	17.03	17.12	17.08	18.70
		36	18	17.15	17.09	17.06	18.70
		36	39	17.15	17.14	17.06	18.70
		75	0	17.25	17.21	17.25	18.70
	16QAM	1	0	17.33	17.25	17.25	18.70
		1	38	17.05	17.13	17.07	18.70
		1	74	17.47	17.42	17.49	18.70
		36	0	17.14	17.13	17.05	18.70
		36	18	17.22	17.26	17.28	18.70
		36	39	17.25	17.20	17.19	18.70
		75	0	17.10	17.06	17.14	18.70
	64QAM	1	0	17.17	17.13	17.16	18.70
		1	38	17.23	17.13	17.18	18.70
		1	74	17.41	17.40	17.49	18.70
		36	0	17.02	17.09	17.12	18.70
		36	18	17.22	17.24	17.32	18.70
		36	39	17.29	17.27	17.36	18.70
		75	0	17.05	17.10	17.19	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	17.05	/	18.70
		1	50	/	17.20	/	18.70
		1	99	/	17.37	/	18.70
		50	0	/	17.17	/	18.70
		50	25	/	17.20	/	18.70
		50	50	/	17.19	/	18.70
		100	0	/	17.14	/	18.70
	16QAM	1	0	/	17.24	/	18.70
		1	50	/	17.35	/	18.70
		1	99	/	17.57	/	18.70
		50	0	/	17.13	/	18.70
		50	25	/	17.17	/	18.70



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	64QAM	50	50	/	17.21	/	18.70
		100	0	/	17.18	/	18.70
		1	0	/	17.21	/	18.70
		1	50	/	17.23	/	18.70
		1	99	/	17.42	/	18.70
		50	0	/	17.14	/	18.70
		50	25	/	17.20	/	18.70
		50	50	/	17.22	/	18.70
		100	0	/	17.16	/	18.70

LTE Band 7 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	19.61	19.73	19.98	21.50
		1	13	19.61	19.77	20.02	21.50
		1	24	19.68	19.84	20.00	21.50
		12	0	19.58	19.60	19.98	21.50
		12	6	19.65	19.75	20.07	21.50
		12	13	19.61	19.76	20.09	21.50
		25	0	19.56	19.70	20.04	21.50
	16QAM	1	0	19.62	19.65	20.02	21.50
		1	13	19.81	19.90	20.26	21.50
		1	24	20.03	20.13	20.14	21.50
		12	0	19.56	19.69	20.01	21.50
		12	6	19.59	19.71	19.98	21.50
		12	13	19.62	19.73	20.11	21.50
		25	0	19.64	19.67	20.02	21.50
	64QAM	1	0	19.56	19.70	20.05	21.50
		1	13	19.68	19.87	19.73	21.50
		1	24	19.55	19.68	19.68	21.50
		12	0	19.62	19.16	19.36	21.00
		12	6	19.13	19.30	19.46	21.00
		12	13	19.16	19.34	19.50	21.00
		25	0	19.10	19.23	19.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	19.59	19.69	19.90	21.50
		1	25	19.63	19.80	19.99	21.50
		1	49	19.73	19.87	20.01	21.50
		25	0	19.56	19.65	19.97	21.50
		25	13	19.61	19.77	20.06	21.50
		25	25	19.65	19.80	20.09	21.50
		50	0	19.56	19.71	19.98	21.50
	16QAM	1	0	19.58	19.68	20.01	21.50
		1	25	19.79	19.93	20.24	21.50
		1	49	19.99	20.12	20.21	21.50
		25	0	19.60	19.74	19.99	21.50
		25	13	19.58	19.77	19.94	21.50
		25	25	19.58	19.76	20.10	21.50
		50	0	19.66	19.67	20.02	21.50
	64QAM	1	0	19.52	19.77	20.09	21.50
		1	25	19.68	19.84	19.67	21.50
		1	49	19.54	19.63	19.63	21.50
		25	0	19.56	19.20	19.33	21.00
		25	13	19.11	19.31	19.50	21.00
		25	25	19.19	19.36	19.49	21.00
		50	0	19.05	19.19	19.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up



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15MHz	QPSK	1	0	19.62	19.74	19.95	21.50
		1	38	19.58	19.79	20.01	21.50
		1	74	19.71	19.85	19.95	21.50
		36	0	19.57	19.61	20.02	21.50
		36	18	19.63	19.80	20.10	21.50
		36	39	19.67	19.77	20.09	21.50
		75	0	19.61	19.71	20.04	21.50
	16QAM	1	0	19.54	19.66	20.05	21.50
		1	38	19.80	19.94	20.26	21.50
		1	74	20.03	20.14	20.13	21.50
		36	0	19.55	19.73	20.01	21.50
		36	18	19.56	19.77	20.02	21.50
		36	39	19.64	19.75	20.10	21.50
		75	0	19.60	19.71	20.02	21.50
	64QAM	1	0	19.55	19.71	20.08	21.50
		1	38	19.72	19.83	19.67	21.50
		1	74	19.57	19.60	19.65	21.50
		36	0	19.62	19.13	19.35	21.00
		36	18	19.11	19.24	19.53	21.00
		36	39	19.16	19.36	19.50	21.00
		75	0	19.12	19.20	19.47	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.53	19.65	19.89	21.50
		1	50	19.56	19.75	19.96	21.50
		1	99	19.64	19.83	19.94	21.50
		50	0	19.55	19.59	19.94	21.50
		50	25	19.56	19.74	20.02	21.50
		50	50	19.58	19.73	20.00	21.50
		100	0	19.53	19.66	19.97	21.50
	16QAM	1	0	19.53	19.59	20.00	21.50
		1	50	19.75	19.89	20.20	21.50
		1	99	19.94	20.09	20.12	21.50
		50	0	19.51	19.65	19.93	21.50
		50	25	19.55	19.70	19.93	21.50
		50	50	19.57	19.68	20.02	21.50
		100	0	19.58	19.65	19.94	21.50
	64QAM	1	0	19.51	19.69	20.00	21.50
		1	50	19.65	19.79	19.65	21.50
		1	99	19.51	19.59	19.59	21.50
		50	0	19.54	19.11	19.32	21.00
		50	25	19.09	19.23	19.45	21.00
		50	50	19.11	19.28	19.42	21.00
		100	0	19.03	19.16	19.44	21.00

LTE Band 7 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.70	14.70	14.91	16.50
		1	13	14.66	14.70	14.93	16.50
		1	24	14.72	14.75	14.98	16.50
		12	0	14.61	14.66	14.95	16.50
		12	6	14.74	14.73	15.00	16.50
		12	13	14.78	14.74	15.08	16.50
	16QAM	25	0	14.66	14.73	15.02	16.50
		1	0	14.57	14.71	15.19	16.50
		1	13	14.98	15.00	15.18	16.50
		1	24	14.94	15.00	15.25	16.50
		12	0	14.64	14.66	14.86	16.50



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	64QAM	12	6	14.58	14.72	14.99	16.50
		12	13	14.72	14.74	15.06	16.50
		25	0	14.63	14.65	14.95	16.50
		1	0	14.71	14.60	14.99	16.50
		1	13	14.78	14.86	15.06	16.50
		1	24	14.86	14.97	15.17	16.50
		12	0	14.54	14.62	14.86	16.50
		12	6	14.66	14.70	15.03	16.50
		12	13	14.70	14.74	15.12	16.50
		25	0	14.55	14.64	14.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.67	14.70	14.85	16.50
		1	25	14.64	14.68	14.95	16.50
		1	49	14.70	14.75	15.05	16.50
		25	0	14.67	14.67	14.89	16.50
		25	13	14.73	14.72	14.98	16.50
		25	25	14.72	14.80	15.12	16.50
		50	0	14.62	14.70	14.98	16.50
	16QAM	1	0	14.59	14.74	15.19	16.50
		1	25	15.00	15.01	15.22	16.50
		1	49	14.88	15.01	15.25	16.50
		25	0	14.64	14.68	14.86	16.50
		25	13	14.59	14.66	14.98	16.50
		25	25	14.76	14.79	15.11	16.50
		50	0	14.61	14.67	14.92	16.50
	64QAM	1	0	14.66	14.58	15.07	16.50
		1	25	14.86	14.91	15.13	16.50
		1	49	14.91	14.90	15.12	16.50
		25	0	14.57	14.68	14.86	16.50
		25	13	14.63	14.67	15.03	16.50
		25	25	14.69	14.70	15.05	16.50
		50	0	14.62	14.68	14.94	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.64	14.63	14.85	16.50
		1	38	14.60	14.73	14.94	16.50
		1	74	14.74	14.79	15.00	16.50
		36	0	14.65	14.67	14.92	16.50
		36	18	14.72	14.79	15.05	16.50
		36	39	14.78	14.76	15.07	16.50
		75	0	14.64	14.66	14.99	16.50
	16QAM	1	0	14.64	14.74	15.24	16.50
		1	38	14.94	14.97	15.19	16.50
		1	74	14.93	14.94	15.22	16.50
		36	0	14.57	14.65	14.87	16.50
		36	18	14.61	14.73	14.94	16.50
		36	39	14.72	14.81	15.12	16.50
		75	0	14.67	14.70	14.93	16.50
	64QAM	1	0	14.71	14.57	15.01	16.50
		1	38	14.84	14.90	15.11	16.50
		1	74	14.86	14.98	15.10	16.50
		36	0	14.56	14.64	14.89	16.50
		36	18	14.64	14.68	15.01	16.50
		36	39	14.73	14.72	15.07	16.50
		75	0	14.54	14.63	14.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.61	14.62	14.82	16.50
		1	50	14.57	14.66	14.92	16.50
		1	99	14.68	14.72	14.96	16.50



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		50	0	14.60	14.61	14.88	16.50
		50	25	14.66	14.70	14.97	16.50
		50	50	14.70	14.71	15.05	16.50
		100	0	14.57	14.64	14.94	16.50
	16QAM	1	0	14.56	14.65	15.17	16.50
		1	50	14.93	14.95	15.14	16.50
		1	99	14.87	14.93	15.20	16.50
		50	0	14.55	14.62	14.84	16.50
		50	25	14.56	14.64	14.92	16.50
		50	50	14.70	14.73	15.03	16.50
		100	0	14.59	14.63	14.91	16.50
	64QAM	1	0	14.65	14.54	14.98	16.50
		1	50	14.77	14.85	15.05	16.50
		1	99	14.85	14.89	15.09	16.50
		50	0	14.50	14.59	14.84	16.50
		50	25	14.62	14.64	14.94	16.50
		50	50	14.68	14.69	15.04	16.50
		100	0	14.53	14.62	14.89	16.50

LTE Band 7 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.64	18.55	18.87	20.50
		1	13	18.76	18.82	18.94	20.50
		1	24	18.78	18.79	18.88	20.50
		12	0	18.67	18.71	19.00	20.50
		12	6	18.74	18.76	19.03	20.50
		12	13	18.72	18.85	19.15	20.50
		25	0	18.74	18.78	18.96	20.50
	16QAM	1	0	18.74	18.75	19.04	20.50
		1	13	18.74	18.84	19.30	20.50
		1	24	19.10	19.13	19.43	20.50
		12	0	18.58	18.75	18.96	20.50
		12	6	18.74	18.75	19.04	20.50
		12	13	18.73	18.85	19.09	20.50
		25	0	18.72	18.71	19.02	20.50
	64QAM	1	0	18.56	18.59	19.01	20.50
		1	13	18.65	18.70	19.06	20.50
		1	24	18.98	18.94	19.24	20.50
		12	0	18.74	18.74	18.96	20.50
		12	6	18.69	18.82	19.09	20.50
		12	13	18.80	18.78	19.13	20.50
		25	0	18.62	18.57	19.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.64	18.57	18.83	20.50
		1	25	18.78	18.82	18.99	20.50
		1	49	18.77	18.84	18.92	20.50
		25	0	18.68	18.66	18.97	20.50
		25	13	18.81	18.81	19.09	20.50
		25	25	18.78	18.81	19.09	20.50
		50	0	18.68	18.77	18.97	20.50
	16QAM	1	0	18.73	18.78	19.07	20.50
		1	25	18.77	18.85	19.36	20.50
		1	49	19.11	19.20	19.41	20.50
		25	0	18.60	18.75	18.96	20.50
		25	13	18.70	18.75	19.04	20.50
		25	25	18.75	18.86	19.06	20.50
		50	0	18.68	18.76	18.99	20.50



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		1	0	18.55	18.60	19.02	20.50
		1	25	18.67	18.75	19.11	20.50
		1	49	18.91	18.95	19.27	20.50
	64QAM	25	0	18.70	18.75	18.92	20.50
		25	13	18.67	18.77	19.06	20.50
		25	25	18.78	18.79	19.08	20.50
		50	0	18.63	18.57	19.04	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	18.59	18.54	18.84	20.50
		1	38	18.72	18.80	18.92	20.50
		1	74	18.75	18.86	18.91	20.50
		36	0	18.65	18.73	18.98	20.50
		36	18	18.78	18.78	19.03	20.50
		36	39	18.75	18.84	19.15	20.50
		75	0	18.69	18.77	18.95	20.50
	16QAM	1	0	18.72	18.79	19.10	20.50
		1	38	18.74	18.82	19.35	20.50
		1	74	19.09	19.18	19.45	20.50
		36	0	18.66	18.74	19.00	20.50
		36	18	18.70	18.77	19.01	20.50
		36	39	18.74	18.80	19.05	20.50
		75	0	18.70	18.78	18.97	20.50
	64QAM	1	0	18.54	18.61	19.06	20.50
		1	38	18.63	18.69	19.04	20.50
		1	74	18.92	18.94	19.19	20.50
		36	0	18.71	18.76	18.98	20.50
		36	18	18.69	18.76	19.02	20.50
		36	39	18.72	18.84	19.09	20.50
		75	0	18.56	18.60	19.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.56	18.51	18.80	20.50
		1	50	18.70	18.77	18.91	20.50
		1	99	18.71	18.78	18.83	20.50
		50	0	18.63	18.65	18.92	20.50
		50	25	18.72	18.74	19.01	20.50
		50	50	18.69	18.76	19.06	20.50
		100	0	18.65	18.71	18.94	20.50
	16QAM	1	0	18.67	18.72	19.03	20.50
		1	50	18.71	18.76	19.27	20.50
		1	99	19.03	19.12	19.37	20.50
		50	0	18.57	18.66	18.93	20.50
		50	25	18.67	18.73	18.97	20.50
		50	50	18.69	18.77	19.03	20.50
		100	0	18.64	18.69	18.95	20.50
	64QAM	1	0	18.50	18.53	18.98	20.50
		1	50	18.61	18.66	19.03	20.50
		1	99	18.89	18.90	19.18	20.50
		50	0	18.65	18.67	18.91	20.50
		50	25	18.64	18.73	19.01	20.50
		50	50	18.71	18.77	19.06	20.50
		100	0	18.54	18.51	18.96	20.50

LTE Band 7 State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	14.44	14.47	14.89	15.50
		1	13	14.81	14.76	14.98	15.50



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		1	24	14.93	14.83	15.04	15.50
		12	0	14.75	14.75	14.92	15.50
		12	6	14.75	14.72	15.00	15.50
		12	13	14.89	14.75	15.13	15.50
		25	0	14.73	14.72	15.02	15.50
	16QAM	1	0	14.64	14.62	15.16	15.50
		1	13	15.10	15.09	15.28	15.50
		1	24	15.10	15.02	15.21	15.50
		12	0	14.67	14.64	14.86	15.50
		12	6	14.82	14.73	14.92	15.50
	64QAM	12	13	14.84	14.75	14.91	15.50
		25	0	14.82	14.76	14.91	15.50
		1	0	14.81	14.79	15.10	15.50
		1	13	15.01	15.01	15.12	15.50
		1	24	14.91	14.86	15.19	15.50
		12	0	14.71	14.66	14.94	15.50
		12	6	14.76	14.76	15.01	15.50
		12	13	14.79	14.68	15.09	15.50
		25	0	14.73	14.66	14.95	15.50
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel
20800	21100					21400	
10MHz	QPSK	1	0	14.51	14.39	14.86	15.50
		1	25	14.83	14.76	15.02	15.50
		1	49	14.92	14.85	15.12	15.50
		25	0	14.75	14.69	14.95	15.50
		25	13	14.74	14.78	14.99	15.50
		25	25	14.84	14.81	15.14	15.50
	16QAM	50	0	14.77	14.73	15.01	15.50
		1	0	14.67	14.69	15.15	15.50
		1	25	15.10	15.11	15.28	15.50
		1	49	15.10	15.07	15.13	15.50
		25	0	14.68	14.64	14.88	15.50
		25	13	14.80	14.74	14.96	15.50
	64QAM	25	25	14.87	14.75	14.95	15.50
		50	0	14.82	14.71	14.98	15.50
		1	0	14.85	14.73	15.10	15.50
		1	25	15.01	15.00	15.10	15.50
		1	49	14.87	14.84	15.19	15.50
		25	0	14.68	14.67	14.98	15.50
		25	13	14.78	14.73	15.02	15.50
		25	25	14.79	14.71	15.13	15.50
50	0	14.74	14.64	14.92	15.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.51	14.46	14.92	15.50
		1	38	14.83	14.82	15.02	15.50
		1	74	14.88	14.77	15.11	15.50
		36	0	14.73	14.71	14.89	15.50
		36	18	14.81	14.74	15.01	15.50
		36	39	14.85	14.82	15.09	15.50
	16QAM	75	0	14.74	14.68	15.01	15.50
		1	0	14.67	14.67	15.09	15.50
		1	38	15.16	15.06	15.27	15.50
		1	74	15.09	15.04	15.20	15.50
		36	0	14.69	14.64	14.92	15.50
		36	18	14.83	14.79	14.97	15.50
	64QAM	36	39	14.84	14.75	14.91	15.50
		75	0	14.81	14.70	14.93	15.50
		1	0	14.81	14.77	15.07	15.50
		1	38	14.98	14.96	15.14	15.50
		1	74	14.93	14.86	15.17	15.50



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		36	0	14.70	14.70	14.92	15.50
		36	18	14.77	14.70	14.96	15.50
		36	39	14.81	14.72	15.05	15.50
		75	0	14.79	14.66	14.94	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	14.42	14.38	14.83	15.50
		1	50	14.78	14.73	14.96	15.50
		1	99	14.85	14.76	15.03	15.50
		50	0	14.69	14.66	14.88	15.50
		50	25	14.73	14.71	14.96	15.50
		50	50	14.83	14.74	15.07	15.50
		100	0	14.72	14.65	14.93	15.50
	16QAM	1	0	14.62	14.61	15.08	15.50
		1	50	15.09	15.05	15.19	15.50
		1	99	15.03	15.00	15.12	15.50
		50	0	14.65	14.62	14.85	15.50
		50	25	14.78	14.72	14.91	15.50
		50	50	14.82	14.73	14.90	15.50
		100	0	14.75	14.69	14.90	15.50
	64QAM	1	0	14.77	14.70	15.01	15.50
		1	50	14.94	14.93	15.07	15.50
		1	99	14.85	14.79	15.15	15.50
		50	0	14.64	14.63	14.89	15.50
		50	25	14.71	14.68	14.94	15.50
		50	50	14.75	14.67	15.04	15.50
		100	0	14.72	14.63	14.89	15.50

LTE Band 66 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.10	22.43	22.19	24.00
		1	2	22.26	22.49	22.26	24.00
		1	5	22.05	22.16	22.32	24.00
		3	0	22.23	22.32	22.26	24.00
		3	1	22.28	22.47	22.36	24.00
		3	3	22.00	22.46	22.31	24.00
		6	0	21.89	21.84	21.95	23.50
	16QAM	1	0	21.78	21.75	21.61	23.50
		1	2	21.54	22.16	21.83	23.50
		1	5	21.95	22.26	21.92	23.50
		3	0	21.54	21.84	21.88	23.50
		3	1	21.55	21.89	21.89	23.50
		3	3	21.71	21.93	21.69	23.50
		6	0	20.54	20.81	20.99	22.50
	64QAM	1	0	20.67	20.82	20.68	22.50
		1	2	20.61	21.04	20.92	22.50
		1	5	20.55	21.09	21.16	22.50
		3	0	20.71	20.82	20.68	22.50
		3	1	20.76	20.83	20.70	22.50
		3	3	21.53	20.85	21.02	22.50
		6	0	20.59	20.50	19.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.07	22.39	22.22	24.00
		1	7	22.25	22.42	22.27	24.00
		1	14	22.10	22.17	22.41	24.00
		8	0	21.63	21.77	21.71	23.50
		8	4	21.76	21.88	21.85	23.50



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	16QAM	8	7	21.52	21.98	21.81	23.50
		15	0	21.81	21.79	22.04	23.50
		1	0	21.88	21.81	21.51	23.50
		1	7	21.58	22.14	21.75	23.50
		1	14	21.88	22.19	22.01	23.50
		8	0	20.63	20.84	20.94	22.50
		8	4	20.56	20.82	20.86	22.50
		8	7	20.62	20.85	20.78	22.50
		15	0	20.54	20.82	20.89	22.50
	64QAM	1	0	20.76	20.73	20.63	22.50
		1	7	20.66	20.99	21.01	22.50
		1	14	20.54	21.09	21.10	22.50
		8	0	19.61	19.88	19.78	21.50
		8	4	19.72	19.78	19.64	21.50
		8	7	20.53	19.81	19.92	21.50
		15	0	20.58	19.50	19.51	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.04	22.31	22.24	24.00
		1	13	22.30	22.37	22.34	24.00
		1	24	22.06	22.25	22.35	24.00
		12	0	21.58	21.78	21.81	23.50
		12	6	21.69	21.94	21.91	23.50
		12	13	21.53	22.00	21.84	23.50
		25	0	21.89	21.78	21.97	23.50
	16QAM	1	0	21.78	21.71	21.50	23.50
		1	13	21.53	22.07	21.82	23.50
		1	24	21.85	22.16	22.02	23.50
		12	0	20.56	20.88	20.89	22.50
		12	6	20.56	20.80	20.87	22.50
		12	13	20.60	20.80	20.76	22.50
		25	0	20.51	20.88	20.80	22.50
	64QAM	1	0	20.71	20.80	20.56	22.50
		1	13	20.70	20.91	20.95	22.50
		1	24	20.62	21.11	21.00	22.50
		12	0	19.59	19.83	19.72	21.50
		12	6	19.69	19.84	19.64	21.50
		12	13	20.47	19.72	19.87	21.50
		25	0	19.58	19.54	19.60	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.04	22.29	22.18	24.00
		1	25	22.26	22.31	22.43	24.00
		1	49	22.15	22.28	22.32	24.00
		25	0	21.58	21.84	21.87	23.50
		25	13	21.70	21.97	21.86	23.50
		25	25	21.57	22.02	21.78	23.50
		50	0	21.84	21.80	21.94	23.50
	16QAM	1	0	21.87	21.77	21.59	23.50
		1	25	21.60	22.02	21.89	23.50
		1	49	21.92	22.22	22.12	23.50
		25	0	20.51	20.94	20.84	22.50
		25	13	20.57	20.89	20.91	22.50
		25	25	20.50	20.89	20.74	22.50
		50	0	20.50	20.90	20.76	22.50
	64QAM	1	0	20.77	20.82	20.57	22.50
		1	25	20.72	20.94	20.96	22.50
		1	49	20.59	21.12	20.90	22.50
		25	0	19.55	19.88	19.75	21.50
		25	13	19.72	19.90	19.62	21.50
		25	25	20.45	19.77	19.84	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		50	0	19.64	19.61	19.69	21.50
				132047	132322	132597	
15MHz	QPSK	1	0	22.12	22.19	22.18	24.00
		1	38	22.19	22.33	22.35	24.00
		1	74	22.12	22.36	22.42	24.00
		36	0	21.61	21.81	21.81	23.50
		36	18	21.71	21.93	21.86	23.50
		36	39	21.57	22.02	21.78	23.50
		75	0	21.75	21.90	21.85	23.50
	16QAM	1	0	21.84	21.78	21.55	23.50
		1	38	21.57	21.99	21.97	23.50
		1	74	21.93	22.22	22.20	23.50
		36	0	20.51	20.87	20.82	22.50
		36	18	20.55	20.84	20.82	22.50
		36	39	20.57	20.80	20.80	22.50
		75	0	20.51	20.80	20.76	22.50
	64QAM	1	0	20.70	20.74	20.57	22.50
		1	38	20.71	20.87	20.92	22.50
		1	74	20.51	21.04	20.82	22.50
		36	0	19.61	19.79	19.65	21.50
		36	18	19.66	19.81	19.68	21.50
		36	39	20.55	19.75	19.82	21.50
		75	0	19.65	19.70	19.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.19	22.13	22.24	24.00
		1	50	22.10	22.43	22.34	24.00
		1	99	22.14	22.42	22.34	24.00
		50	0	21.59	21.81	21.82	23.50
		50	25	21.61	21.88	21.77	23.50
		50	50	21.67	21.95	21.84	23.50
		100	0	21.67	21.87	21.79	23.50
	16QAM	1	0	21.85	21.75	21.64	23.50
		1	50	21.67	22.07	21.98	23.50
		1	99	22.00	22.20	22.14	23.50
		50	0	20.59	20.77	20.80	22.50
		50	25	20.54	20.82	20.74	22.50
		50	50	20.52	20.86	20.83	22.50
		100	0	20.51	20.82	20.75	22.50
	64QAM	1	0	20.72	20.78	20.67	22.50
		1	50	20.72	20.80	20.83	22.50
		1	99	20.54	20.96	20.79	22.50
		50	0	19.65	19.77	19.68	21.50
		50	25	19.61	19.81	19.73	21.50
		50	50	19.54	19.85	19.85	21.50
		100	0	19.58	19.80	19.76	21.50

LTE Band 66 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.25	19.05	19.07	20.00
		1	2	19.07	19.09	18.94	20.00
		1	5	19.15	19.15	19.03	20.00
		3	0	19.09	19.09	19.05	20.00
		3	1	19.07	19.13	19.00	20.00
		3	3	19.02	19.13	18.93	20.00
		6	0	19.00	19.12	19.00	20.00
	16QAM	1	0	19.19	19.02	19.02	20.00



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		1	2	19.21	19.20	19.02	20.00
		1	5	19.10	19.11	18.98	20.00
		3	0	19.05	19.08	18.99	20.00
		3	1	19.06	19.02	19.04	20.00
		3	3	19.08	19.16	19.00	20.00
		6	0	18.96	19.16	18.96	20.00
	64QAM	1	0	19.15	19.04	19.02	20.00
		1	2	19.13	19.17	19.08	20.00
		1	5	19.19	19.19	18.91	20.00
		3	0	19.00	19.17	19.00	20.00
		3	1	19.09	19.16	19.08	20.00
		3	3	19.08	19.14	19.01	20.00
		6	0	18.96	19.11	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.15	19.00	19.00	20.00
		1	7	19.14	19.06	18.98	20.00
		1	14	19.10	19.15	19.04	20.00
		8	0	19.01	19.14	19.00	20.00
		8	4	19.13	19.13	19.03	20.00
		8	7	19.02	19.12	19.00	20.00
		15	0	18.99	19.13	18.97	20.00
	16QAM	1	0	19.21	19.06	19.04	20.00
		1	7	19.21	19.13	19.01	20.00
		1	14	19.20	19.08	18.93	20.00
		8	0	19.02	19.09	19.01	20.00
		8	4	19.08	19.08	19.03	20.00
		8	7	19.04	19.11	19.02	20.00
		15	0	18.98	19.14	19.04	20.00
	64QAM	1	0	19.21	19.02	19.12	20.00
		1	7	19.11	19.16	19.08	20.00
		1	14	19.16	19.11	18.91	20.00
		8	0	19.09	19.16	19.03	20.00
		8	4	19.10	19.17	19.03	20.00
		8	7	19.08	19.09	18.97	20.00
		15	0	18.96	19.11	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.25	19.03	18.98	20.00
		1	13	19.17	19.08	19.00	20.00
		1	24	19.14	19.15	18.95	20.00
		12	0	19.09	19.07	19.02	20.00
		12	6	19.09	19.05	18.97	20.00
		12	13	19.08	19.18	18.97	20.00
		25	0	19.03	19.12	18.92	20.00
	16QAM	1	0	19.21	19.08	19.02	20.00
		1	13	19.17	19.19	19.04	20.00
		1	24	19.17	19.14	19.01	20.00
		12	0	19.02	19.06	19.04	20.00
		12	6	19.14	19.02	18.99	20.00
		12	13	19.07	19.20	19.01	20.00
		25	0	19.01	19.21	19.05	20.00
	64QAM	1	0	19.22	19.11	19.06	20.00
		1	13	19.17	19.14	18.99	20.00
		1	24	19.21	19.13	18.90	20.00
		12	0	19.07	19.11	19.05	20.00
		12	6	19.00	19.20	19.03	20.00
		12	13	19.06	19.09	19.03	20.00
		25	0	18.94	19.17	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	



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10MHz	QPSK	1	0	19.18	18.97	19.08	20.00
		1	25	19.16	19.08	19.00	20.00
		1	49	19.12	19.10	18.97	20.00
		25	0	19.07	19.08	19.01	20.00
		25	13	19.14	19.11	19.04	20.00
		25	25	19.11	19.11	18.91	20.00
		50	0	18.98	19.18	18.95	20.00
	16QAM	1	0	19.18	19.05	19.11	20.00
		1	25	19.15	19.15	19.05	20.00
		1	49	19.12	19.05	18.97	20.00
		25	0	18.98	19.12	19.02	20.00
		25	13	19.06	19.03	19.08	20.00
		25	25	19.10	19.19	18.99	20.00
		50	0	19.04	19.19	18.99	20.00
	64QAM	1	0	19.13	19.01	19.05	20.00
		1	25	19.17	19.15	19.00	20.00
		1	49	19.22	19.10	18.94	20.00
		25	0	19.10	19.14	19.02	20.00
		25	13	19.00	19.21	19.05	20.00
		25	25	19.08	19.11	19.01	20.00
		50	0	19.01	19.12	19.01	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.22	19.00	19.06	20.00
		1	38	19.17	19.14	19.01	20.00
		1	74	19.15	19.09	19.03	20.00
		36	0	19.09	19.16	19.06	20.00
		36	18	19.16	19.08	19.04	20.00
		36	39	19.09	19.18	19.01	20.00
		75	0	19.00	19.21	18.99	20.00
	16QAM	1	0	19.18	19.04	19.01	20.00
		1	38	19.18	19.14	19.04	20.00
		1	74	19.17	19.11	18.97	20.00
		36	0	18.98	19.14	19.03	20.00
		36	18	19.08	19.03	19.05	20.00
		36	39	19.08	19.14	19.00	20.00
		75	0	18.98	19.20	18.98	20.00
	64QAM	1	0	19.13	19.06	19.05	20.00
		1	38	19.10	19.15	19.02	20.00
		1	74	19.19	19.20	18.98	20.00
		36	0	19.09	19.08	19.02	20.00
		36	18	19.08	19.22	19.08	20.00
		36	39	19.11	19.14	19.05	20.00
		75	0	18.94	19.11	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.20	19.00	19.03	20.00
		1	50	19.12	19.10	18.97	20.00
		1	99	19.13	19.12	18.99	20.00
		50	0	19.06	19.11	19.03	20.00
		50	25	19.11	19.09	18.99	20.00
		50	50	19.07	19.13	18.96	20.00
		100	0	19.00	19.16	18.97	20.00
	16QAM	1	0	19.20	19.03	19.06	20.00
		1	50	19.17	19.15	19.00	20.00
		1	99	19.15	19.10	18.96	20.00
		50	0	19.01	19.09	19.02	20.00
		50	25	19.10	19.06	19.04	20.00
		50	50	19.08	19.16	19.01	20.00
		100	0	18.99	19.19	19.01	20.00
	64QAM	1	0	19.17	19.06	19.07	20.00



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		1	50	19.12	19.16	19.04	20.00
		1	99	19.17	19.15	18.94	20.00
		50	0	19.05	19.13	19.01	20.00
		50	25	19.05	19.20	19.08	20.00
		50	50	19.10	19.11	19.02	20.00
		100	0	18.98	19.14	19.02	20.00

LTE Band 66 State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	21.67	21.35	21.39	23.00
		1	2	21.16	21.35	21.28	23.00
		1	5	21.41	21.48	21.50	23.00
		3	0	21.09	21.42	21.52	23.00
		3	1	21.19	21.58	21.38	23.00
		3	3	21.29	21.76	21.28	23.00
	16QAM	6	0	21.42	21.50	21.38	23.00
		1	0	21.73	21.72	21.27	23.00
		1	2	21.57	21.77	21.21	23.00
		1	5	21.40	21.66	21.59	23.00
		3	0	21.38	22.06	21.92	23.00
		3	1	22.03	21.81	22.15	23.00
	64QAM	3	3	22.04	22.12	21.80	23.00
		6	0	21.41	21.58	21.33	22.50
		1	0	21.38	21.52	21.10	22.50
		1	2	21.24	21.40	21.26	22.50
		1	5	21.25	21.66	21.73	22.50
		3	0	21.87	21.82	21.99	22.50
3MHz	QPSK	3	1	21.98	21.82	21.86	22.50
		3	3	21.70	22.18	22.03	22.50
		6	0	20.84	20.83	20.57	21.50
	16QAM	1	0	21.30	21.43	21.65	23.00
		1	7	21.36	21.54	21.28	23.00
		1	14	21.13	21.47	21.52	23.00
	64QAM	8	0	21.26	21.58	21.46	23.00
		8	4	21.24	21.28	21.29	23.00
		8	7	21.30	21.33	21.68	23.00
	16QAM	15	0	21.35	21.45	21.10	23.00
		1	0	21.49	21.58	21.39	23.00
		1	7	21.56	21.72	21.04	23.00
		1	14	21.44	21.68	21.68	23.00
		8	0	20.97	21.42	21.51	22.50
	64QAM	8	4	21.13	21.64	21.44	22.50
		8	7	21.37	21.65	21.57	22.50
		15	0	21.37	21.33	21.08	22.50
	16QAM	1	0	21.59	21.45	21.34	22.50
		1	7	21.29	21.35	21.20	22.50
		1	14	21.09	21.70	21.43	22.50
5MHz	QPSK	8	0	20.60	20.89	20.88	21.50
		8	4	20.89	20.98	20.83	21.50
		8	7	21.00	21.04	20.95	21.50
		15	0	20.65	21.15	20.85	21.50
	16QAM	1	0	21.38	21.21	21.26	23.00
		1	13	21.24	21.39	21.40	23.00
		1	24	21.35	21.38	21.77	23.00
	64QAM	1	0	21.38	21.21	21.26	23.00
		1	13	21.24	21.39	21.40	23.00
		1	24	21.35	21.38	21.77	23.00



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		12	0	21.36	21.40	21.37	23.00
		12	6	21.26	21.26	21.49	23.00
		12	13	21.10	21.45	21.45	23.00
		25	0	21.37	21.45	21.51	23.00
	16QAM	1	0	21.43	21.20	21.29	23.00
		1	13	21.41	21.66	21.17	23.00
		1	24	21.34	21.86	21.72	23.00
		12	0	21.03	21.40	21.58	22.50
		12	6	21.40	21.46	21.56	22.50
		12	13	21.25	21.68	21.61	22.50
		25	0	21.34	21.38	21.46	22.50
		1	0	21.34	21.44	21.35	22.50
	64QAM	1	13	21.33	21.22	21.13	22.50
		1	24	21.24	21.93	21.66	22.50
		12	0	20.71	21.02	21.10	21.50
		12	6	20.83	20.89	20.86	21.50
		12	13	20.67	21.06	20.89	21.50
		25	0	20.84	21.01	21.07	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.23	21.36	21.22	23.00
		1	25	21.19	21.47	21.36	23.00
		1	49	21.28	21.53	21.60	23.00
		25	0	21.23	21.55	21.41	23.00
		25	13	21.32	21.42	21.46	23.00
		25	25	21.28	21.58	21.38	23.00
		50	0	21.23	21.45	21.17	23.00
	16QAM	1	0	21.53	21.48	21.35	23.00
		1	25	21.38	21.81	21.15	23.00
		1	49	21.38	21.84	21.65	23.00
		25	0	20.99	21.55	21.37	22.50
		25	13	21.30	21.48	21.46	22.50
		25	25	21.19	21.53	21.55	22.50
		50	0	21.16	21.56	21.30	22.50
	64QAM	1	0	21.41	21.49	21.31	22.50
		1	25	21.20	21.27	21.13	22.50
		1	49	21.23	21.73	21.61	22.50
		25	0	20.80	20.90	20.92	21.50
		25	13	20.72	21.08	20.87	21.50
		25	25	20.81	20.95	20.85	21.50
		50	0	20.83	20.99	20.82	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.26	21.32	21.36	23.00
		1	38	21.29	21.39	21.31	23.00
		1	74	21.22	21.47	21.41	23.00
		36	0	21.23	21.52	21.45	23.00
		36	18	21.34	21.34	21.37	23.00
		36	39	21.26	21.57	21.46	23.00
		75	0	21.16	21.60	21.33	23.00
	16QAM	1	0	21.64	21.37	21.30	23.00
		1	38	21.27	21.73	21.22	23.00
		1	74	21.31	21.75	21.70	23.00
		36	0	21.00	21.48	21.42	22.50
		36	18	21.36	21.55	21.46	22.50
		36	39	21.23	21.47	21.46	22.50
		75	0	21.29	21.56	21.37	22.50
	64QAM	1	0	21.53	21.47	21.36	22.50
		1	38	21.16	21.27	21.10	22.50
		1	74	21.24	21.76	21.52	22.50
		36	0	20.73	20.84	20.97	21.50



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		36	18	20.70	20.97	20.95	21.50
		36	39	20.91	21.02	21.05	21.50
		75	0	20.89	20.96	20.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.36	21.21	21.03	23.00
		1	50	21.27	21.49	21.36	23.00
		1	99	21.25	21.50	21.49	23.00
		50	0	21.25	21.42	21.41	23.00
		50	25	21.30	21.44	21.40	23.00
		50	50	21.23	21.53	21.48	23.00
		100	0	21.24	21.57	21.31	23.00
	16QAM	1	0	21.56	21.41	21.30	23.00
		1	50	21.32	21.80	21.29	23.00
		1	99	21.30	21.77	21.75	23.00
		50	0	21.01	21.52	21.47	22.50
		50	25	21.27	21.47	21.45	22.50
		50	50	21.26	21.54	21.47	22.50
		100	0	21.28	21.48	21.39	22.50
	64QAM	1	0	21.46	21.46	21.32	22.50
		1	50	21.21	21.26	21.15	22.50
		1	99	21.16	21.71	21.62	22.50
		50	0	20.76	20.87	20.98	21.50
		50	25	20.80	20.97	20.90	21.50
		50	50	20.81	20.99	21.00	21.50
		100	0	20.84	21.03	20.86	21.50

LTE Band 66 State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.04	18.05	18.01	19.00
		1	2	18.05	18.12	18.07	19.00
		1	5	18.13	18.08	17.97	19.00
		3	0	18.11	18.05	17.98	19.00
		3	1	18.14	18.06	18.01	19.00
		3	3	18.14	18.12	18.02	19.00
		6	0	18.10	18.08	17.97	19.00
	16QAM	1	0	18.03	18.12	18.04	19.00
		1	2	18.06	18.12	18.01	19.00
		1	5	18.15	18.08	17.94	19.00
		3	0	18.09	18.08	18.09	19.00
		3	1	18.19	18.08	18.03	19.00
		3	3	18.29	18.23	18.02	19.00
		6	0	18.14	18.10	17.96	19.00
	64QAM	1	0	17.99	18.07	18.02	19.00
		1	2	18.05	18.13	17.95	19.00
		1	5	18.25	18.02	18.01	19.00
		3	0	18.23	18.03	18.04	19.00
		3	1	18.19	18.11	18.06	19.00
		3	3	18.20	18.23	17.97	19.00
		6	0	18.06	18.02	17.90	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.11	18.05	18.03	19.00
		1	7	18.09	18.13	18.05	19.00
		1	14	18.12	18.10	18.00	19.00
		8	0	18.13	18.08	18.05	19.00
		8	4	18.13	18.10	18.03	19.00
		8	7	18.21	18.11	17.98	19.00



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	16QAM	15	0	18.05	18.14	17.96	19.00
		1	0	18.03	18.06	17.98	19.00
		1	7	18.12	18.12	17.97	19.00
		1	14	18.17	18.10	18.01	19.00
		8	0	18.10	18.01	18.03	19.00
		8	4	18.15	18.13	18.03	19.00
		8	7	18.27	18.22	17.97	19.00
		15	0	18.15	18.04	17.92	19.00
		1	0	18.00	18.12	17.99	19.00
		1	7	18.11	18.14	17.95	19.00
		1	14	18.18	18.00	18.00	19.00
		8	0	18.14	18.09	18.06	19.00
		8	4	18.12	18.07	18.00	19.00
		8	7	18.18	18.16	18.02	19.00
	64QAM	15	0	18.04	18.06	17.91	19.00
		1	0	18.00	18.12	17.99	19.00
		1	7	18.11	18.14	17.95	19.00
		1	14	18.18	18.00	18.00	19.00
		8	0	18.14	18.09	18.06	19.00
		8	4	18.12	18.07	18.00	19.00
		8	7	18.18	18.16	18.02	19.00
		15	0	18.04	18.06	17.91	19.00
5MHz	QPSK	1	0	18.09	18.08	18.04	19.00
		1	13	18.12	18.16	18.03	19.00
		1	24	18.11	18.14	17.96	19.00
		12	0	18.13	18.04	18.05	19.00
		12	6	18.18	18.09	18.02	19.00
		12	13	18.22	18.10	18.02	19.00
		25	0	18.11	18.14	17.93	19.00
		1	0	18.05	18.15	18.02	19.00
		1	13	18.09	18.16	17.96	19.00
		1	24	18.20	18.06	17.94	19.00
		12	0	18.15	18.08	18.13	19.00
		12	6	18.15	18.11	18.05	19.00
		12	13	18.22	18.19	17.97	19.00
		25	0	18.07	18.03	17.91	19.00
10MHz	QPSK	1	0	18.09	18.07	18.04	19.00
		1	13	18.08	18.11	17.96	19.00
		1	24	18.19	18.07	18.00	19.00
		12	0	18.15	17.99	18.04	19.00
		12	6	18.11	18.09	18.01	19.00
		12	13	18.19	18.17	17.96	19.00
		25	0	18.08	18.02	17.91	19.00
		1	0	18.12	18.08	18.04	19.00
		1	25	18.03	18.17	17.95	19.00
		1	49	18.17	18.06	17.98	19.00
		25	0	18.19	18.08	18.08	19.00
		25	13	18.12	18.12	18.07	19.00
		25	25	18.26	18.20	17.94	19.00
		50	0	18.05	18.03	17.91	19.00
	64QAM	1	0	18.09	18.13	17.98	19.00
		1	25	18.09	18.11	17.92	19.00
		1	49	18.21	18.06	17.98	19.00
		25	0	18.18	18.03	18.05	19.00
		25	13	18.09	18.02	18.06	19.00
		25	25	18.23	18.21	18.01	19.00
		50	0	18.05	18.11	17.90	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	
				132022	132322	132622	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.06	18.09	18.02	19.00
		1	38	18.14	18.14	17.97	19.00
		1	74	18.11	18.11	18.05	19.00
		36	0	18.21	18.01	18.02	19.00
		36	18	18.13	18.07	17.99	19.00
		36	39	18.16	18.17	18.00	19.00
		75	0	18.08	18.07	17.95	19.00
	16QAM	1	0	18.09	18.06	17.98	19.00
		1	38	18.02	18.09	17.97	19.00
		1	74	18.16	18.09	18.01	19.00
		36	0	18.15	18.09	18.13	19.00
		36	18	18.20	18.11	18.06	19.00
		36	39	18.26	18.18	17.93	19.00
		75	0	18.11	18.03	17.92	19.00
	64QAM	1	0	18.00	18.06	18.03	19.00
		1	38	18.09	18.15	18.00	19.00
		1	74	18.16	18.04	17.97	19.00
		36	0	18.23	18.08	17.98	19.00
		36	18	18.13	18.08	18.02	19.00
		36	39	18.16	18.23	17.94	19.00
		75	0	18.10	18.02	17.87	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.08	18.06	17.99	19.00
		1	50	18.10	18.15	18.02	19.00
		1	99	18.11	18.10	18.01	19.00
		50	0	18.16	18.06	18.03	19.00
		50	25	18.15	18.06	17.98	19.00
		50	50	18.19	18.15	17.99	19.00
		100	0	18.10	18.10	17.96	19.00
	16QAM	1	0	18.08	18.10	18.00	19.00
		1	50	18.07	18.12	17.98	19.00
		1	99	18.16	18.05	17.99	19.00
		50	0	18.14	18.04	18.08	19.00
		50	25	18.16	18.09	18.03	19.00
		50	50	18.24	18.18	17.98	19.00
		100	0	18.10	18.05	17.95	19.00
	64QAM	1	0	18.04	18.09	17.99	19.00
		1	50	18.07	18.11	17.96	19.00
		1	99	18.20	18.02	18.02	19.00
		50	0	18.19	18.04	18.03	19.00
		50	25	18.14	18.07	18.04	19.00
		50	50	18.21	18.21	17.97	19.00
		100	0	18.07	18.06	17.92	19.00

LTE Band 38 State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.98	21.03	21.13	22.60
		1	13	21.00	21.03	21.05	22.60
		1	24	21.36	21.35	21.28	22.60
		12	0	21.23	21.20	21.14	22.60
		12	6	21.13	21.16	21.09	22.60
		12	13	21.31	21.25	21.25	22.60
		25	0	21.02	21.05	21.07	22.60
	16QAM	1	0	21.12	21.22	21.19	22.60
		1	13	21.19	21.26	21.28	22.60



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		1	24	21.41	21.33	21.27	22.60
		12	0	20.86	20.76	20.73	22.10
		12	6	20.85	20.86	20.91	22.10
		12	13	20.99	20.94	20.96	22.10
		25	0	20.72	20.70	20.71	22.10
	64QAM	1	0	20.38	20.31	20.38	22.10
		1	13	20.43	20.44	20.48	22.10
		1	24	20.73	20.67	20.73	22.10
		12	0	19.61	19.66	19.76	21.10
		12	6	19.69	19.66	19.56	21.10
		12	13	19.56	19.46	19.48	21.10
		25	0	20.08	20.06	19.96	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	20.88	20.94	20.98	22.60
		1	25	21.35	21.25	21.32	22.60
		1	49	21.19	21.21	21.26	22.60
		25	0	21.00	21.09	21.06	22.60
		25	13	21.24	21.20	21.23	22.60
		25	25	21.42	21.36	21.41	22.60
		50	0	21.13	21.16	21.18	22.60
	16QAM	1	0	21.25	21.17	21.18	22.60
		1	25	21.04	21.13	21.11	22.60
		1	49	21.38	21.34	21.34	22.60
		25	0	20.93	20.88	20.88	22.10
		25	13	20.89	20.79	20.69	22.10
		25	25	20.96	20.87	20.85	22.10
		50	0	20.78	20.72	20.62	22.10
	64QAM	1	0	20.54	20.50	20.45	22.10
		1	25	20.72	20.67	20.67	22.10
		1	49	20.60	20.50	20.46	22.10
		25	0	19.56	19.58	19.48	21.10
		25	13	19.43	19.52	19.59	21.10
		25	25	19.61	19.51	19.61	21.10
		50	0	19.94	19.89	19.92	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.00	20.96	21.04	22.60
		1	38	21.10	21.15	21.17	22.60
		1	74	21.28	21.18	21.12	22.60
		36	0	21.25	21.22	21.12	22.60
		36	18	21.14	21.18	21.13	22.60
		36	39	21.29	21.25	21.20	22.60
		75	0	21.05	21.13	21.08	22.60
	16QAM	1	0	21.21	21.15	21.24	22.60
		1	38	21.14	21.16	21.22	22.60
		1	74	21.36	21.28	21.29	22.60
		36	0	20.69	20.76	20.86	22.10
		36	18	20.83	20.73	20.72	22.10
		36	39	20.88	20.86	20.89	22.10
		75	0	20.67	20.77	20.76	22.10
	64QAM	1	0	20.60	20.51	20.50	22.10
		1	38	20.30	20.39	20.34	22.10
		1	74	20.76	20.70	20.79	22.10
		36	0	19.53	19.61	19.60	21.10
		36	18	19.77	19.67	19.65	21.10
		36	39	19.56	19.60	19.63	21.10
		75	0	19.97	19.91	19.92	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	21.03	/	22.60



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		1	50	/	21.10	/	22.60
		1	99	/	21.25	/	22.60
		50	0	/	21.15	/	22.60
		50	25	/	21.11	/	22.60
		50	50	/	21.19	/	22.60
		100	0	/	21.14	/	22.60
	16QAM	1	0	/	21.18	/	22.60
		1	50	/	21.14	/	22.60
		1	99	/	21.35	/	22.60
		50	0	/	20.82	/	22.10
		50	25	/	20.82	/	22.10
		50	50	/	20.88	/	22.10
	64QAM	100	0	/	20.86	/	22.10
		1	0	/	20.43	/	22.10
		1	50	/	20.48	/	22.10
		1	99	/	20.63	/	22.10
		50	0	/	19.68	/	21.10
		50	25	/	19.65	/	21.10
		50	50	/	19.58	/	21.10
		100	0	/	19.85	/	21.10

LTE Band 38 State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.25	16.34	16.36	18.10
		1	13	16.77	16.76	16.79	18.10
		1	24	17.06	16.96	16.89	18.10
		12	0	16.59	16.63	16.60	18.10
		12	6	16.43	16.47	16.44	18.10
		12	13	16.72	16.65	16.66	18.10
	16QAM	25	0	16.59	16.59	16.67	18.10
		1	0	16.70	16.71	16.71	18.10
		1	13	17.00	16.91	16.90	18.10
		1	24	16.86	16.84	16.81	18.10
		12	0	16.65	16.58	16.54	18.10
		12	6	16.67	16.60	16.69	18.10
	64QAM	12	13	16.75	16.80	16.89	18.10
		25	0	16.58	16.68	16.66	18.10
		1	0	16.13	16.11	16.18	18.10
		1	13	16.24	16.33	16.27	18.10
		1	24	16.56	16.53	16.54	18.10
		12	0	16.64	16.74	16.70	18.10
10MHz	QPSK	12	6	16.65	16.58	16.54	18.10
		12	13	16.25	16.34	16.31	18.10
		25	0	16.61	16.65	16.58	18.10
		1	0	16.41	16.42	16.42	18.10
		1	25	16.56	16.66	16.67	18.10
		1	49	16.79	16.88	16.96	18.10
	16QAM	25	0	16.66	16.65	16.63	18.10
		25	13	16.56	16.47	16.37	18.10
		25	25	16.62	16.58	16.65	18.10
		50	0	16.57	16.53	16.53	18.10
		1	0	16.68	16.62	16.53	18.10
		1	25	16.75	16.84	16.90	18.10
		1	49	16.84	16.77	16.75	18.10
		25	0	16.41	16.49	16.58	18.10
		25	13	16.62	16.69	16.79	18.10



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	64QAM	25	25	16.84	16.75	16.68	18.10
		50	0	16.78	16.74	16.80	18.10
		1	0	16.22	16.21	16.19	18.10
		1	25	16.23	16.33	16.33	18.10
		1	49	16.58	16.52	16.45	18.10
		25	0	16.73	16.70	16.79	18.10
		25	13	16.56	16.53	16.52	18.10
		25	25	16.50	16.44	16.41	18.10
		50	0	16.62	16.69	16.77	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	16.45	16.35	16.33	18.10
		1	38	16.61	16.59	16.66	18.10
		1	74	16.91	16.81	16.91	18.10
		36	0	16.66	16.57	16.54	18.10
		36	18	16.57	16.56	16.58	18.10
		36	39	16.56	16.60	16.66	18.10
		75	0	16.51	16.54	16.54	18.10
	16QAM	1	0	16.73	16.63	16.59	18.10
		1	38	16.94	16.85	16.88	18.10
		1	74	16.85	16.87	16.84	18.10
		36	0	16.39	16.47	16.40	18.10
		36	18	16.60	16.65	16.61	18.10
		36	39	16.79	16.76	16.83	18.10
		75	0	16.69	16.69	16.75	18.10
	64QAM	1	0	16.27	16.28	16.30	18.10
		1	38	16.29	16.27	16.37	18.10
		1	74	16.47	16.42	16.40	18.10
		36	0	16.72	16.67	16.72	18.10
		36	18	16.44	16.53	16.54	18.10
		36	39	16.48	16.48	16.42	18.10
		75	0	16.71	16.69	16.69	18.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 38000	Channel /	Tune up
20MHz	QPSK	1	0	/	16.42	/	18.10
		1	50	/	16.66	/	18.10
		1	99	/	16.72	/	18.10
		50	0	/	16.59	/	18.10
		50	25	/	16.65	/	18.10
		50	50	/	16.68	/	18.10
		100	0	/	16.61	/	18.10
	16QAM	1	0	/	16.72	/	18.10
		1	50	/	16.77	/	18.10
		1	99	/	16.83	/	18.10
		50	0	/	16.37	/	18.10
		50	25	/	16.66	/	18.10
		50	50	/	16.69	/	18.10
		100	0	/	16.65	/	18.10
	64QAM	1	0	/	16.28	/	18.10
		1	50	/	16.30	/	18.10
		1	99	/	16.39	/	18.10
		50	0	/	16.59	/	18.10
		50	25	/	16.63	/	18.10
		50	50	/	16.58	/	18.10
		100	0	/	16.64	/	18.10

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



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5MHz	QPSK	1	0	20.07	19.99	19.91	21.60
		1	13	20.14	20.16	20.21	21.60
		1	24	20.12	20.21	20.31	21.60
		12	0	20.08	20.11	20.16	21.60
		12	6	20.11	20.07	20.09	21.60
		12	13	19.88	19.91	20.00	21.60
	16QAM	25	0	20.40	20.39	20.33	21.60
		1	0	20.16	20.19	20.09	21.60
		1	13	19.98	19.99	19.91	21.60
		1	24	20.45	20.48	20.42	21.60
		12	0	20.22	20.24	20.26	21.60
		12	6	19.82	19.91	19.85	21.60
	64QAM	12	13	20.18	20.08	19.99	21.60
		25	0	20.25	20.30	20.26	21.60
		1	0	19.88	19.98	20.03	21.60
		1	13	19.80	19.70	19.68	21.60
		1	24	19.86	19.86	19.80	21.60
		12	0	19.66	19.71	19.74	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.95	19.88	19.95	21.60
		1	25	20.35	20.25	20.27	21.60
		1	49	20.19	20.23	20.22	21.60
		25	0	20.10	20.10	20.09	21.60
		25	13	20.13	20.17	20.23	21.60
		25	25	19.82	19.86	19.95	21.60
	16QAM	50	0	20.15	20.16	20.09	21.60
		1	0	20.26	20.31	20.33	21.60
		1	25	20.11	20.01	20.01	21.60
		1	49	20.37	20.39	20.32	21.60
		25	0	20.30	20.22	20.17	21.60
		25	13	20.03	19.97	19.93	21.60
	64QAM	25	25	20.24	20.16	20.20	21.60
		50	0	20.25	20.21	20.22	21.60
		1	0	19.81	19.73	19.75	21.60
		1	25	19.70	19.64	19.66	21.60
		1	49	19.82	19.85	19.85	21.60
		25	0	19.93	19.93	19.83	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.81	19.86	19.80	21.60
		1	38	20.19	20.24	20.32	21.60
		1	74	20.17	20.20	20.17	21.60
		36	0	20.20	20.14	20.21	21.60
		36	18	20.13	20.21	20.19	21.60
		36	39	19.94	19.94	20.00	21.60
	16QAM	75	0	20.35	20.27	20.25	21.60
		1	0	20.18	20.17	20.13	21.60
		1	38	19.96	20.04	20.00	21.60
		1	74	20.38	20.30	20.23	21.60
		36	0	20.16	20.20	20.26	21.60
		36	18	20.01	20.04	19.95	21.60
	64QAM	36	39	20.33	20.23	20.27	21.60
		75	0	20.16	20.11	20.15	21.60
		1	0	19.87	19.84	19.79	21.60



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		1	38	19.90	19.84	19.91	21.60
		1	74	20.10	20.01	20.02	21.60
		36	0	19.81	19.80	19.72	21.10
		36	18	19.84	19.74	19.73	21.10
		36	39	19.63	19.58	19.52	21.10
		75	0	19.56	19.58	19.63	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	19.90	/	21.60
		1	50	/	20.15	/	21.60
		1	99	/	20.21	/	21.60
		50	0	/	20.09	/	21.60
		50	25	/	20.12	/	21.60
		50	50	/	19.94	/	21.60
		100	0	/	20.17	/	21.60
	16QAM	1	0	/	20.18	/	21.60
		1	50	/	19.98	/	21.60
		1	99	/	20.39	/	21.60
		50	0	/	20.17	/	21.60
		50	25	/	20.07	/	21.60
		50	50	/	20.13	/	21.60
		100	0	/	20.14	/	21.60
	64QAM	1	0	/	19.76	/	21.60
		1	50	/	19.78	/	21.60
		1	99	/	19.96	/	21.60
		50	0	/	19.79	/	21.10
		50	25	/	19.80	/	21.10
		50	50	/	19.60	/	21.10
		100	0	/	19.59	/	21.10

LTE Band 38 State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	15.41	15.41	15.39	17.10
		1	13	15.40	15.45	15.51	17.10
		1	24	16.02	15.95	15.99	17.10
		12	0	15.60	15.56	15.66	17.10
		12	6	15.73	15.76	15.66	17.10
		12	13	15.61	15.64	15.55	17.10
	16QAM	25	0	15.50	15.58	15.64	17.10
		1	0	15.83	15.83	15.78	17.10
		1	13	15.54	15.59	15.63	17.10
		1	24	15.73	15.66	15.63	17.10
		12	0	15.66	15.64	15.55	17.10
		12	6	15.61	15.54	15.49	17.10
	64QAM	12	13	15.98	15.89	15.81	17.10
		25	0	15.51	15.50	15.59	17.10
		1	0	15.35	15.25	15.17	17.10
		1	13	15.56	15.51	15.48	17.10
		1	24	15.46	15.47	15.56	17.10
		12	0	15.64	15.73	15.79	17.10
10MHz	QPSK	12	6	15.73	15.77	15.81	17.10
		12	13	15.95	15.89	15.96	17.10
		25	0	15.65	15.67	15.68	17.10
		1	0	15.56	15.47	15.54	17.10
				37800	38000	38200	
				15.44	15.49	15.57	17.10
				15.84	15.88	15.81	17.10



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		25	0	15.65	15.66	15.56	17.10
		25	13	15.64	15.67	15.73	17.10
		25	25	15.62	15.72	15.71	17.10
		50	0	15.50	15.60	15.57	17.10
	16QAM	1	0	15.90	15.86	15.76	17.10
		1	25	15.56	15.64	15.69	17.10
		1	49	15.62	15.72	15.74	17.10
		25	0	15.63	15.66	15.75	17.10
		25	13	15.66	15.64	15.57	17.10
		25	25	15.78	15.79	15.69	17.10
		50	0	15.56	15.56	15.47	17.10
		50	0	15.56	15.56	15.47	17.10
	64QAM	1	0	15.19	15.21	15.27	17.10
		1	25	15.38	15.46	15.47	17.10
		1	49	15.43	15.44	15.37	17.10
		25	0	15.85	15.75	15.71	17.10
		25	13	15.65	15.70	15.79	17.10
		25	25	15.83	15.83	15.79	17.10
		50	0	15.69	15.69	15.75	17.10
		50	0	15.69	15.69	15.75	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	15.56	15.54	15.55	17.10
		1	38	15.54	15.54	15.57	17.10
		1	74	15.95	15.86	15.93	17.10
		36	0	15.49	15.59	15.69	17.10
		36	18	15.66	15.67	15.77	17.10
		36	39	15.76	15.79	15.78	17.10
		75	0	15.54	15.62	15.72	17.10
	16QAM	1	0	15.93	15.83	15.74	17.10
		1	38	15.80	15.72	15.72	17.10
		1	74	15.81	15.81	15.86	17.10
		36	0	15.74	15.69	15.59	17.10
		36	18	15.81	15.74	15.76	17.10
		36	39	15.90	15.85	15.91	17.10
		75	0	15.70	15.66	15.72	17.10
	64QAM	1	0	15.31	15.27	15.30	17.10
		1	38	15.57	15.49	15.46	17.10
		1	74	15.43	15.39	15.42	17.10
		36	0	15.73	15.70	15.65	17.10
		36	18	15.70	15.62	15.59	17.10
		36	39	15.82	15.81	15.77	17.10
		75	0	15.70	15.76	15.74	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	15.63	/	17.10
		1	50	/	15.52	/	17.10
		1	99	/	15.77	/	17.10
		50	0	/	15.66	/	17.10
		50	25	/	15.70	/	17.10
		50	50	/	15.74	/	17.10
		100	0	/	15.70	/	17.10
	16QAM	1	0	/	15.78	/	17.10
		1	50	/	15.82	/	17.10
		1	99	/	15.87	/	17.10
		50	0	/	15.68	/	17.10
		50	25	/	15.72	/	17.10
		50	50	/	15.75	/	17.10
		100	0	/	15.70	/	17.10
	64QAM	1	0	/	15.32	/	17.10
		1	50	/	15.39	/	17.10
		1	99	/	15.46	/	17.10
		50	0	/	15.68	/	17.10
		50	0	/	15.68	/	17.10



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		50	25	/	15.70	/	17.10
		50	50	/	15.73	/	17.10
		100	0	/	15.70	/	17.10

LTE Band 41 2496 - 2690 State1				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	22.80
		1	13	21.84	22.07	22.27	22.34	22.34	22.80
		1	24	21.88	21.86	22.16	22.2	22.19	22.80
		12	0	21.95	22.24	22.31	22.17	22.14	22.80
		12	6	22.01	21.92	22.02	22.42	22.46	22.80
		12	13	21.85	22.05	22.38	22.56	22.43	22.80
	16QAM	25	0	21.91	22.04	22.35	22.13	22.17	22.80
		25	0	21.92	22.13	22.31	22.25	22.3	22.80
		1	0	22.01	22.16	22.24	22.28	22.14	22.80
		1	13	21.85	22.01	22.4	22.44	22.41	22.80
		1	24	21.96	22.15	22.48	22.37	22.29	22.80
		12	0	21.49	21.53	21.93	22.09	22.13	22.30
	64QAM	12	6	21.57	21.78	22.08	22.08	22.11	22.30
		12	13	21.64	21.88	22.11	22.12	22.11	22.30
		25	0	21.67	21.98	21.99	21.91	22.06	22.30
		1	0	21.58	21.41	21.66	21.74	21.67	22.30
		1	13	21.61	21.51	21.63	21.80	21.80	22.30
		1	24	21.43	21.67	21.81	21.71	21.67	22.30
10MHz	QPSK	12	0	20.57	20.77	20.94	20.85	21.03	21.30
		12	6	20.56	20.85	20.98	20.96	21.02	21.30
		12	13	20.75	20.86	21.01	20.94	20.97	21.30
		25	0	20.64	20.78	21.07	21.16	21.03	21.30
	16QAM	1	0	39700	40160	40620	41080	41540	22.80
		1	25	21.91	22.11	22.3	22.35	22.29	22.80
		1	49	21.87	21.91	22.18	22.17	22.22	22.80
		25	0	21.95	22.24	22.3	22.21	22.16	22.80
		25	13	21.97	21.94	22.09	22.39	22.4	22.80
		25	25	21.87	22.03	22.42	22.53	22.39	22.80
	64QAM	50	0	21.89	22.08	22.39	22.2	22.17	22.80
		50	0	21.92	22.14	22.3	22.18	22.26	22.80
		1	0	21.98	22.15	22.25	22.26	22.19	22.80
		1	25	21.86	22.07	22.38	22.4	22.4	22.80
		1	49	21.95	22.22	22.43	22.37	22.35	22.80
		25	0	21.46	21.54	21.94	22.11	22.17	22.30
15MHz	QPSK	25	13	21.59	21.8	22.04	22.06	22.07	22.30
		25	25	21.56	21.88	22.09	22.14	22.03	22.30
		50	0	21.65	21.95	21.97	21.89	22.07	22.30
	16QAM	1	0	21.60	21.45	21.65	21.76	21.67	22.30
		1	25	21.57	21.52	21.56	21.77	21.72	22.30
		1	49	21.44	21.68	21.78	21.78	21.64	22.30
	64QAM	25	0	20.63	20.75	20.94	20.87	21.02	21.30
		25	13	20.56	20.83	20.99	20.99	21.03	21.30
		25	25	20.75	20.81	21.06	20.89	20.96	21.30
		50	0	20.67	20.81	21.06	21.16	21.06	21.30
15MHz	QPSK	1	0	39725	40173	40620	41068	41515	22.80
		1	38	21.85	22.08	22.29	22.32	22.26	22.80
		1	74	21.84	21.89	22.11	22.17	22.22	22.80
		36	0	21.99	22.29	22.31	22.15	22.16	22.80
		36	18	21.97	21.89	22.04	22.39	22.46	22.80
		36	39	21.91	22.02	22.44	22.57	22.41	22.80
	16QAM	36	39	21.9	22.06	22.34	22.15	22.17	22.80



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	16QAM	75	0	21.96	22.07	22.34	22.17	22.33	22.80
		1	0	22.05	22.2	22.21	22.28	22.16	22.80
		1	38	21.9	22.04	22.34	22.41	22.41	22.80
		1	74	21.94	22.15	22.48	22.38	22.33	22.80
		36	0	21.51	21.56	21.92	22.12	22.18	22.30
		36	18	21.59	21.81	22.05	22.07	22.1	22.30
		36	39	21.61	21.89	22.05	22.09	22.11	22.30
	64QAM	75	0	21.69	21.96	22.03	21.91	22.06	22.30
		1	0	21.62	21.43	21.66	21.74	21.73	22.30
		1	38	21.62	21.54	21.57	21.79	21.75	22.30
		1	74	21.46	21.75	21.77	21.71	21.59	22.30
		36	0	20.60	20.73	20.94	20.90	20.98	21.30
		36	18	20.55	20.86	21.03	21.00	21.06	21.30
		36	39	20.76	20.84	21.07	20.93	20.97	21.30
Bandwidth	Modulation	RB size	RB offset	75	0	20.65	20.86	20.99	21.17
				20.65	20.86	20.99	21.17	21.08	21.30
				Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.93	22.13	22.32	22.39	22.35	22.80
		1	50	21.93	21.95	22.2	22.26	22.25	22.80
		1	99	22.04	22.33	22.39	22.24	22.17	22.80
		50	0	22.03	21.98	22.11	22.44	22.49	22.80
		50	25	21.93	22.11	22.46	22.59	22.46	22.80
		50	50	21.93	22.12	22.43	22.22	22.26	22.80
		100	0	22.01	22.16	22.37	22.26	22.34	22.80
	16QAM	1	0	22.07	22.24	22.3	22.34	22.22	22.80
		1	50	21.93	22.1	22.42	22.46	22.44	22.80
		1	99	22	22.23	22.52	22.43	22.38	22.80
		50	0	21.52	21.6	21.98	22.18	22.22	22.30
		50	25	21.66	21.83	22.09	22.13	22.15	22.30
		50	50	21.65	21.94	22.14	22.15	22.12	22.30
		100	0	21.74	21.99	22.04	21.98	22.08	22.30
	64QAM	1	0	21.63	21.49	21.67	21.79	21.74	22.30
		1	50	21.64	21.55	21.64	21.86	21.81	22.30
		1	99	21.50	21.76	21.86	21.79	21.68	22.30
		50	0	20.65	20.82	20.97	20.92	21.04	21.30
		50	25	20.64	20.89	21.07	21.02	21.07	21.30
		50	50	20.77	20.88	21.10	20.97	21.05	21.30
		100	0	20.71	20.87	21.08	21.23	21.11	21.30

LTE Band 41 2496 - 2690 State2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	18.80
		1	13	17.56	17.48	17.19	17.64	17.66	18.80
		1	24	17.47	17.55	17.22	17.78	17.64	18.80
		1	24	17.46	17.54	17.28	17.7	17.9	18.80
		12	0	17.46	17.42	17.29	18.03	17.88	18.80
		12	6	17.76	17.72	17.14	17.86	17.88	18.80
		12	13	17.64	17.52	17.47	18.03	17.74	18.80
	16QAM	25	0	17.42	17.43	17.35	18.03	17.78	18.80
		1	0	17.42	17.52	17.26	17.69	17.97	18.80
		1	13	17.62	17.49	17.6	18.02	17.92	18.80
		1	24	17.44	17.51	17.67	17.81	17.87	18.80
		12	0	17.48	17.68	17.17	17.93	17.86	18.80
		12	6	17.63	17.76	17.17	17.93	17.86	18.80
		12	13	17.84	17.77	17.4	18	17.94	18.80
	64QAM	25	0	17.94	18.05	17.38	17.89	17.9	18.80
		1	0	17.45	17.59	16.93	17.47	17.46	18.80
		1	13	17.46	17.43	16.81	17.54	17.57	18.80
		1	24	17.80	17.59	17.03	17.22	17.22	18.80
		1	24	17.80	17.59	17.03	17.22	17.22	18.80



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		12	0	17.62	17.84	17.21	17.94	17.73	18.80
		12	6	17.54	17.77	17.28	17.91	17.88	18.80
		12	13	17.90	17.94	17.24	17.86	17.95	18.80
		25	0	17.80	17.74	17.40	17.70	17.95	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	17.45	17.44	17.18	17.57	17.56	18.80
		1	25	17.46	17.6	17.15	17.79	17.6	18.80
		1	49	17.63	17.52	17.31	17.62	17.83	18.80
		25	0	17.57	17.56	17.08	18.03	17.88	18.80
		25	13	17.49	17.59	17.17	17.96	17.8	18.80
		25	25	17.52	17.72	17.34	18.09	17.77	18.80
	16QAM	50	0	17.46	17.51	17.23	18.02	17.87	18.80
		1	0	17.54	17.63	17.11	17.75	17.89	18.80
		1	25	17.55	17.43	17.45	18	17.91	18.80
		1	49	17.42	17.64	17.48	17.81	17.89	18.80
		25	0	17.51	17.61	17.17	17.85	17.89	18.80
		25	13	17.73	17.89	17.38	17.85	17.95	18.80
	64QAM	25	25	17.78	17.89	17.2	17.96	17.86	18.80
		50	0	17.69	17.67	17.15	17.84	17.94	18.80
		1	0	17.40	17.61	16.84	17.50	17.54	18.80
		1	25	17.49	17.47	16.94	17.55	17.47	18.80
		1	49	17.67	17.56	16.92	17.27	17.26	18.80
		25	0	17.76	17.79	17.22	18.04	17.83	18.80
		25	13	17.76	17.88	17.23	17.95	17.85	18.80
		25	25	17.82	17.96	17.31	17.85	17.97	18.80
		50	0	17.73	17.84	17.29	17.74	17.97	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	17.43	17.56	17.23	17.66	17.66	18.80
		1	38	17.42	17.45	17.15	17.81	17.64	18.80
		1	74	17.52	17.49	17.33	17.72	17.78	18.80
		36	0	17.44	17.52	17.09	18.01	17.85	18.80
		36	18	17.4	17.55	17.25	17.96	17.89	18.80
		36	39	17.59	17.74	17.31	18.02	17.77	18.80
	16QAM	75	0	17.57	17.48	17.33	17.92	17.9	18.80
		1	0	17.4	17.63	17.38	17.84	17.88	18.80
		1	38	17.56	17.49	17.38	17.9	17.9	18.80
		1	74	17.56	17.61	17.46	17.75	17.93	18.80
		36	0	17.41	17.77	17.29	17.81	17.82	18.80
		36	18	17.77	17.87	17.39	17.82	17.9	18.80
		36	39	17.87	17.74	17.13	17.87	17.95	18.80
		75	0	17.79	17.83	17.22	17.92	17.88	18.80
	64QAM	1	0	17.47	17.65	16.90	17.51	17.48	18.80
		1	38	17.48	17.45	16.87	17.55	17.53	18.80
		1	74	17.68	17.67	17.11	17.28	17.36	18.80
		36	0	17.74	17.78	17.24	17.96	17.92	18.80
		36	18	17.66	17.96	17.33	17.93	17.86	18.80
		36	39	17.84	17.94	17.34	17.83	17.88	18.80
		75	0	17.82	17.98	17.20	17.69	17.91	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	17.43	17.46	17.21	17.65	17.71	18.80
		1	50	17.4	17.52	17.16	17.76	17.74	18.80
		1	99	17.47	17.55	17.31	17.75	17.71	18.80
		50	0	17.43	17.48	17.16	17.92	17.84	18.80
		50	25	17.5	17.52	17.27	17.92	17.82	18.80
		50	50	17.56	17.67	17.31	17.92	17.86	18.80
		100	0	17.5	17.52	17.27	17.85	17.82	18.80
	16QAM	1	0	17.42	17.61	17.28	17.74	17.78	18.80
		1	50	17.54	17.47	17.36	17.89	17.86	18.80



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		1	99	17.51	17.53	17.46	17.83	17.84	18.80
		50	0	17.44	17.78	17.22	17.88	17.83	18.80
		50	25	17.83	17.84	17.29	17.77	17.86	18.80
		50	50	17.89	17.78	17.21	17.83	17.86	18.80
		100	0	17.81	17.85	17.28	17.87	17.84	18.80
	64QAM	1	0	17.49	17.61	16.95	17.43	17.40	18.80
		1	50	17.44	17.40	16.87	17.45	17.46	18.80
		1	99	17.71	17.73	17.05	17.36	17.42	18.80
		50	0	17.69	17.73	17.19	17.92	17.82	18.80
		50	25	17.74	17.90	17.23	17.86	17.81	18.80
		50	50	17.89	17.94	17.24	17.74	17.81	18.80
		100	0	17.81	17.95	17.22	17.76	17.81	18.80

LTE Band 41 2496 - 2690 State3				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	20.62	20.77	20.88	20.28	21.21	21.80
		1	13	20.67	20.89	21.23	20.56	21.31	21.80
		1	24	20.82	21.08	21.67	21.24	21.22	21.80
		12	0	20.66	20.63	21.43	21.23	21.35	21.80
		12	6	20.87	20.84	21.49	21.4	21.36	21.80
		12	13	20.85	20.74	21.41	21.31	21.27	21.80
	16QAM	25	0	20.65	20.92	21.38	21.4	21.36	21.80
		1	0	20.74	21.05	21.53	21.37	21.16	21.80
		1	13	20.77	20.92	21.35	21.26	21.35	21.80
		1	24	20.69	21.03	21.62	21.39	21.38	21.80
		12	0	20.7	20.88	21.32	21.51	21.27	21.80
		12	6	20.8	21.11	21.65	21.16	21.21	21.80
	64QAM	12	13	20.81	21.15	21.5	21.38	21.09	21.80
		25	0	20.66	20.94	21.43	21.32	21.22	21.80
		1	0	20.65	20.65	21.12	21.15	20.99	21.80
		1	13	20.61	20.67	20.95	21.15	21.05	21.80
		1	24	20.62	20.73	20.95	20.96	20.95	21.80
		12	0	20.48	20.43	21.19	20.90	20.64	21.30
10MHz	QPSK	12	6	20.46	20.34	21.02	20.81	20.63	21.30
		12	13	20.41	20.63	21.06	20.83	20.75	21.30
		25	0	20.49	20.41	21.17	20.77	20.87	21.30
	16QAM	1	0	20.71	20.61	21.05	20.38	21.32	21.80
		1	25	20.7	20.9	21.44	20.81	21.36	21.80
		1	49	20.67	21.11	21.53	21.22	21.18	21.80
	64QAM	25	0	20.81	20.85	21.34	21.35	21.3	21.80
		25	13	20.68	20.86	21.34	21.25	21.36	21.80
		25	25	20.68	21.03	21.55	21.34	21.24	21.80
	16QAM	50	0	20.76	20.96	21.42	21.3	21.33	21.80
		1	0	20.64	20.97	21.44	21.33	21.26	21.80
		1	25	20.73	21.02	21.64	21.39	21.31	21.80
		1	49	20.6	21.2	21.71	21.31	21.4	21.80
	64QAM	25	0	20.7	20.98	21.26	21.67	21.23	21.80
		25	13	20.7	21.04	21.43	21.01	21.36	21.80
		25	25	20.66	21.08	21.55	21.27	21.34	21.80
	16QAM	50	0	20.77	20.81	21.43	21.39	21.29	21.80
		1	0	20.79	20.88	21.00	21.04	21.06	21.80
		1	25	20.67	20.69	21.03	21.11	21.10	21.80
		1	49	20.77	20.83	21.16	20.95	20.83	21.80
	64QAM	25	0	20.31	20.36	21.11	20.85	20.72	21.30
		25	13	20.46	20.49	21.22	20.83	20.90	21.30
		25	25	20.38	20.46	21.10	20.78	20.69	21.30



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		50	0	20.43	20.67	21.13	20.85	20.79	21.30
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.68	20.78	21	20.41	21.34	21.80
		1	38	20.71	20.98	21.37	20.7	21.31	21.80
		1	74	20.62	21.06	21.62	21.21	21.25	21.80
		36	0	20.84	20.72	21.41	21.39	21.35	21.80
		36	18	20.66	20.94	21.4	21.34	21.31	21.80
		36	39	20.62	20.9	21.52	21.31	21.31	21.80
	16QAM	75	0	20.75	20.89	21.53	21.36	21.32	21.80
		1	0	20.65	20.87	21.53	21.36	21.33	21.80
		1	38	20.69	20.91	21.49	21.35	21.37	21.80
		1	74	20.62	20.99	21.66	21.33	21.38	21.80
		36	0	20.79	20.93	21.39	21.53	21.33	21.80
		36	18	20.81	21	21.51	21.28	21.18	21.80
	64QAM	36	39	20.6	21.08	21.6	21.36	21.31	21.80
		75	0	20.69	20.86	21.31	21.34	21.27	21.80
		1	0	20.67	20.79	21.11	21.19	20.96	21.80
		1	38	20.62	20.63	21.18	21.05	21.01	21.80
		1	74	20.69	20.78	21.30	21.01	20.94	21.80
		36	0	20.52	20.52	21.18	20.81	20.75	21.30
20MHz	QPSK	36	18	20.49	20.47	21.24	20.76	20.84	21.30
		36	39	20.46	20.54	21.21	20.87	20.78	21.30
		75	0	20.45	20.43	21.12	20.84	20.83	21.30
	16QAM	1	0	20.6	20.72	20.98	20.44	21.29	21.80
		1	50	20.62	20.9	21.35	20.7	21.37	21.80
		1	99	20.63	21.07	21.57	21.26	21.26	21.80
	64QAM	50	0	20.76	20.77	21.35	21.12	21.26	21.80
		50	25	20.73	20.96	21.45	21.34	21.32	21.80
		50	50	20.62	20.88	21.53	21.32	21.31	21.80
	16QAM	100	0	20.78	20.96	21.47	21.36	21.36	21.80
		1	0	20.6	20.95	21.51	21.38	21.28	21.80
		1	50	20.61	21.01	21.57	21.38	21.33	21.80
		1	99	20.64	21.09	21.7	21.36	21.28	21.80
	64QAM	50	0	20.74	20.94	21.43	21.22	21.31	21.80
		50	25	20.77	20.99	21.49	21.18	21.22	21.80
		50	50	20.64	21.02	21.55	21.35	21.33	21.80
	16QAM	100	0	20.6	20.88	21.39	21.35	21.34	21.80
		1	0	20.64	20.73	21.05	21.09	21.04	21.80
		1	50	20.63	20.60	21.08	21.06	21.06	21.80
		1	99	20.67	20.69	21.20	20.95	20.94	21.80
	64QAM	50	0	20.43	20.50	21.11	20.88	20.83	21.30
		50	25	20.46	20.54	21.19	20.86	20.90	21.30
		50	50	20.38	20.56	21.15	20.89	20.81	21.30
		100	0	20.42	20.51	21.13	21.22	21.28	21.30

LTE Band 41 2496 - 2690 State4				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	15.97	15.91	15.65	16.28	16.34	17.30
		1	13	15.85	16.18	15.73	16.3	16.11	17.30
		1	24	16.07	16.19	16.03	16.42	16.27	17.30
		12	0	15.8	15.94	15.6	16.43	16.35	17.30
		12	6	16.01	16.26	15.74	16.27	16.44	17.30
		12	13	15.94	15.86	15.82	16.38	16.36	17.30
	16QAM	25	0	15.83	16.12	15.85	16.33	16.2	17.30
		1	0	15.97	16.05	15.85	16.22	16.3	17.30



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		1	13	15.94	16.14	15.99	16.29	16.41	17.30
		1	24	16.15	16.17	16.03	16.52	16.41	17.30
		12	0	15.82	15.89	15.7	16.16	16.36	17.30
		12	6	15.87	15.95	15.78	16.42	16.58	17.30
		12	13	16.17	15.87	15.83	16.48	16.44	17.30
		25	0	15.82	16.1	15.77	16.27	16.28	17.30
	64QAM	1	0	15.83	15.89	15.62	15.77	15.87	17.30
		1	13	15.82	15.81	15.47	15.89	15.90	17.30
		1	24	15.83	15.89	15.40	15.98	15.96	17.30
		12	0	15.81	16.08	15.91	16.37	16.34	17.30
		12	6	15.83	16.11	15.94	16.14	16.42	17.30
		12	13	16.10	15.92	15.94	16.32	16.23	17.30
		25	0	15.89	15.85	15.94	16.12	16.42	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	15.88	15.9	15.67	16.23	16.37	17.30
		1	25	15.8	15.94	15.77	16.37	16.12	17.30
		1	49	16.03	16.18	15.69	16.39	16.18	17.30
		25	0	15.84	15.86	15.8	16.34	16.37	17.30
		25	13	15.8	15.98	15.76	16.31	16.45	17.30
		25	25	15.99	15.89	15.92	16.37	16.32	17.30
		50	0	16.05	15.89	15.83	16.38	16.29	17.30
	16QAM	1	0	15.85	16.11	15.87	16.22	16.27	17.30
		1	25	15.88	15.97	15.78	16.32	16.49	17.30
		1	49	16.23	16.27	15.89	16.6	16.36	17.30
		25	0	15.91	15.92	15.84	16.2	16.45	17.30
		25	13	15.97	16.16	15.92	16.4	16.53	17.30
		25	25	16.11	16.11	15.91	16.47	16.39	17.30
		50	0	15.95	15.82	15.87	16.31	16.34	17.30
	64QAM	1	0	15.88	15.82	15.59	15.84	15.95	17.30
		1	25	15.81	15.82	15.48	15.97	15.98	17.30
		1	49	15.97	15.81	15.48	16.03	16.00	17.30
		25	0	15.88	15.93	15.83	16.44	16.41	17.30
		25	13	15.93	16.07	15.80	16.23	16.36	17.30
		25	25	16.06	15.95	15.87	16.36	16.21	17.30
		50	0	15.99	15.91	15.87	16.07	16.38	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	15.91	15.86	15.59	16.16	16.34	17.30
		1	38	15.84	15.96	15.75	16.32	16.22	17.30
		1	74	16.03	16.12	15.92	16.31	16.25	17.30
		36	0	15.85	15.82	15.8	16.39	16.36	17.30
		36	18	15.99	16.09	15.75	16.32	16.44	17.30
		36	39	16.09	15.96	15.84	16.46	16.4	17.30
		75	0	15.97	15.86	15.77	16.37	16.35	17.30
	16QAM	1	0	15.91	16.08	15.89	16.31	16.31	17.30
		1	38	15.87	16.07	15.79	16.38	16.44	17.30
		1	74	16.26	16.25	15.86	16.5	16.39	17.30
		36	0	15.84	16.05	15.7	16.27	16.42	17.30
		36	18	15.93	15.91	15.95	16.32	16.47	17.30
		36	39	16.06	15.97	15.69	16.37	16.43	17.30
		75	0	15.86	16.09	15.74	16.32	16.31	17.30
	64QAM	1	0	15.87	15.89	15.50	15.88	15.97	17.30
		1	38	15.83	15.82	15.36	15.98	16.08	17.30
		1	74	15.83	15.91	15.44	15.93	15.90	17.30
		36	0	15.99	15.85	15.78	16.45	16.43	17.30
		36	18	15.98	16.08	15.83	16.30	16.36	17.30
		36	39	15.88	15.88	15.92	16.26	16.27	17.30
		75	0	15.97	15.97	15.74	16.17	16.39	17.30
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	15.81	15.93	15.72	16.18	16.25	17.30
		1	50	15.84	16	15.72	16.31	16.3	17.30
		1	99	16.13	16.11	15.82	16.22	16.26	17.30
		50	0	15.82	15.89	15.7	16.29	16.34	17.30
		50	25	15.9	16.07	15.79	16.42	16.35	17.30
		50	50	15.99	15.87	15.86	16.37	16.35	17.30
		100	0	15.88	15.91	15.77	16.37	16.35	17.30
	16QAM	1	0	15.85	16.14	15.79	16.33	16.32	17.30
		1	50	15.92	15.97	15.89	16.32	16.4	17.30
		1	99	16.23	16.15	15.94	16.43	16.36	17.30
		50	0	15.82	15.98	15.76	16.32	16.37	17.30
		50	25	15.88	15.98	15.85	16.39	16.37	17.30
		50	50	16.04	15.96	15.79	16.32	16.34	17.30
		100	0	15.95	15.99	15.73	16.4	16.37	17.30
	64QAM	1	0	15.80	15.83	15.45	15.90	15.91	17.30
		1	50	15.80	15.89	15.43	15.99	15.99	17.30
		1	99	15.82	15.84	15.51	15.99	15.96	17.30
		50	0	15.83	15.93	15.78	16.36	16.33	17.30
		50	25	15.85	16.11	15.79	16.31	16.31	17.30
		50	50	15.93	15.89	15.84	16.23	16.31	17.30
		100	0	15.86	15.93	15.82	16.25	16.32	17.30



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1.5 Conducted Power of Legacy (Ant7)

LTE Band 2 State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.58	20.26	20.59	21.00
		1	2	20.42	20.58	20.80	21.00
		1	5	20.39	20.51	20.70	21.00
		3	0	20.87	20.46	20.41	21.00
		3	2	20.85	20.40	20.53	21.00
		3	3	20.76	20.61	20.96	21.00
	16QAM	6	0	19.30	19.66	19.60	20.00
		1	0	19.76	19.42	19.75	20.00
		1	2	19.88	19.85	19.98	20.00
		1	5	19.95	19.86	19.78	20.00
		3	0	19.65	19.62	19.66	20.00
		3	2	19.91	19.65	19.93	20.00
	64QAM	3	3	19.67	19.62	19.57	20.00
		6	0	18.74	18.87	18.74	19.00
		1	0	18.69	18.74	18.72	19.00
		1	2	18.92	18.64	18.92	19.00
		1	5	18.72	18.63	18.86	19.00
		3	0	18.71	18.76	18.85	19.00
3MHz	QPSK	3	2	18.90	18.64	18.68	19.00
		3	3	18.57	18.82	18.72	19.00
		6	0	17.72	17.82	17.57	18.00
	16QAM	1	0	20.65	20.36	20.63	21.00
		1	7	20.45	20.67	20.89	21.00
		1	14	20.45	20.47	20.66	21.00
	64QAM	8	0	19.78	19.55	19.51	20.00
		8	4	19.84	19.48	19.63	20.00
		8	7	19.80	19.65	19.94	20.00
		15	0	19.28	19.71	19.67	20.00
	16QAM	1	0	19.78	19.48	19.78	20.00
		1	7	19.86	19.88	19.93	20.00
		1	14	19.99	19.91	19.80	20.00
		8	0	18.71	18.69	18.60	19.00
		8	4	18.95	18.68	18.95	19.00
		8	7	18.71	18.55	18.65	19.00
5MHz	QPSK	15	0	18.78	18.79	18.83	19.00
		1	0	18.73	18.68	18.80	19.00
		1	7	18.84	18.69	18.92	19.00
		1	14	18.78	18.70	18.88	19.00
		8	0	17.69	17.74	17.76	18.00
		8	4	17.86	17.57	17.68	18.00
	16QAM	8	7	17.55	17.72	17.72	18.00
		15	0	17.76	17.73	17.66	18.00
	64QAM	1	0	20.65	20.45	20.69	21.00
		1	13	20.49	20.69	20.90	21.00
		1	24	20.49	20.46	20.67	21.00
		12	0	19.72	19.65	19.56	20.00
		12	6	19.82	19.56	19.60	20.00
		12	13	19.87	19.55	19.86	20.00



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	16QAM	25	0	19.28	19.70	19.70	20.00
		1	0	19.85	19.43	19.87	20.00
		1	13	19.83	19.92	19.97	20.00
		1	24	19.96	19.99	19.87	20.00
		12	0	18.80	18.72	18.63	19.00
		12	6	18.86	18.67	18.91	19.00
		12	13	18.70	18.62	18.69	19.00
		25	0	18.71	18.72	18.78	19.00
	64QAM	1	0	18.65	18.75	18.89	19.00
		1	13	18.78	18.76	18.88	19.00
		1	24	18.85	18.67	18.83	19.00
		12	0	17.70	17.73	17.80	18.00
		12	6	17.78	17.56	17.71	18.00
		12	13	17.60	17.79	17.72	18.00
		25	0	17.70	17.83	17.63	18.00
		25	0	17.70	17.83	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.58	20.39	20.61	21.00
		1	25	20.49	20.59	20.81	21.00
		1	49	20.53	20.45	20.75	21.00
		25	0	19.71	19.69	19.64	20.00
		25	13	19.74	19.57	19.65	20.00
		25	25	19.94	19.65	19.81	20.00
		50	0	19.26	19.80	19.70	20.00
		50	0	19.26	19.80	19.70	20.00
	16QAM	1	0	19.95	19.52	19.86	20.00
		1	25	19.88	20.00	19.97	20.00
		1	49	19.92	19.91	19.81	20.00
		25	0	18.89	18.64	18.68	19.00
		25	13	18.92	18.68	18.92	19.00
		25	25	18.69	18.62	18.68	19.00
		50	0	18.75	18.71	18.71	19.00
		50	0	18.75	18.71	18.71	19.00
	64QAM	1	0	18.71	18.79	18.97	19.00
		1	25	18.87	18.83	18.93	19.00
		1	49	18.86	18.68	18.82	19.00
		25	0	17.66	17.67	17.71	18.00
		25	13	17.88	17.63	17.72	18.00
		25	25	17.65	17.86	17.63	18.00
		50	0	17.65	17.73	17.62	18.00
		50	0	17.65	17.73	17.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.50	20.45	20.66	21.00
		1	38	20.53	20.52	20.77	21.00
		1	74	20.61	20.51	20.69	21.00
		36	0	19.79	19.65	19.61	20.00
		36	18	19.76	19.67	19.68	20.00
		36	39	19.88	19.70	19.75	20.00
		75	0	19.36	19.71	19.67	20.00
		75	0	19.36	19.71	19.67	20.00
	16QAM	1	0	19.97	19.58	19.82	20.00
		1	38	19.96	19.98	19.95	20.00
		1	74	19.94	19.94	19.88	20.00
		36	0	18.81	18.65	18.60	19.00
		36	18	18.87	18.66	18.84	19.00
		36	39	18.73	18.65	18.70	19.00
		75	0	18.81	18.70	18.65	19.00
		75	0	18.81	18.70	18.65	19.00
	64QAM	1	0	18.81	18.77	18.97	19.00
		1	38	18.83	18.84	18.88	19.00
		1	74	18.90	18.78	18.89	19.00
		36	0	17.68	17.77	17.61	18.00
		36	18	17.81	17.67	17.64	18.00
		36	39	17.73	17.76	17.73	18.00
		75	0	17.65	17.67	17.58	18.00
		75	0	17.65	17.67	17.58	18.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.58	20.47	20.56	21.00
		1	50	20.59	20.60	20.67	21.00
		1	99	20.58	20.53	20.65	21.00
		50	0	19.75	19.72	19.66	20.00
		50	25	19.79	19.76	19.77	20.00
		50	50	19.85	19.75	19.68	20.00
		100	0	19.39	19.71	19.67	20.00
	16QAM	1	0	19.98	19.55	19.80	20.00
		1	50	19.97	19.98	19.95	20.00
		1	99	19.94	19.96	19.88	20.00
		50	0	18.74	18.73	18.63	19.00
		50	25	18.79	18.75	18.74	19.00
		50	50	18.82	18.71	18.70	19.00
		100	0	18.80	18.74	18.64	19.00
	64QAM	1	0	18.78	18.70	18.94	19.00
		1	50	18.89	18.92	18.86	19.00
		1	99	18.90	18.87	18.90	19.00
		50	0	17.70	17.73	17.62	18.00
		50	25	17.77	17.73	17.72	18.00
		50	50	17.76	17.71	17.72	18.00
		100	0	17.74	17.71	17.68	18.00

LTE Band 2 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.71	19.21	19.74	20.00
		1	2	19.33	19.43	19.69	20.00
		1	5	19.61	19.72	19.45	20.00
		3	0	19.60	19.66	19.46	20.00
		3	2	19.59	19.55	19.65	20.00
		3	3	19.86	19.35	19.58	20.00
		6	0	19.59	19.81	19.53	20.00
	16QAM	1	0	19.96	19.61	19.83	20.00
		1	2	19.70	19.79	19.83	20.00
		1	5	19.89	19.98	19.79	20.00
		3	0	19.62	19.59	19.61	20.00
		3	2	19.50	19.61	19.62	20.00
		3	3	19.58	19.51	19.73	20.00
		6	0	18.64	18.66	18.40	19.00
	64QAM	1	0	18.77	18.78	18.70	19.00
		1	2	18.86	18.62	18.60	19.00
		1	5	18.73	18.99	18.71	19.00
		3	0	18.87	18.55	18.75	19.00
		3	2	18.78	18.68	18.97	19.00
		3	3	18.94	18.82	18.58	19.00
		6	0	17.76	17.69	17.69	18.00
3MHz	QPSK	1	0	19.71	19.20	19.67	20.00
		1	7	19.26	19.52	19.78	20.00
		1	14	19.58	19.66	19.40	20.00
		8	0	19.60	19.62	19.48	20.00
		8	4	19.64	19.45	19.71	20.00
		8	7	19.92	19.41	19.58	20.00
		15	0	19.60	19.71	19.57	20.00
	16QAM	1	0	19.94	19.53	19.90	20.00
		1	7	19.71	19.69	19.79	20.00



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		1	14	19.83	19.91	19.81	20.00
		8	0	18.66	18.58	18.64	19.00
		8	4	18.56	18.59	18.60	19.00
		8	7	18.66	18.58	18.73	19.00
		15	0	18.72	18.66	18.30	19.00
	64QAM	1	0	18.70	18.71	18.76	19.00
		1	7	18.82	18.64	18.60	19.00
		1	14	18.81	18.97	18.71	19.00
		8	0	17.86	17.45	17.85	18.00
		8	4	17.85	17.66	18.00	18.00
		8	7	17.94	17.75	17.62	18.00
		15	0	17.83	17.68	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.63	19.24	19.75	20.00
		1	13	19.32	19.50	19.78	20.00
		1	24	19.61	19.57	19.49	20.00
		12	0	19.57	19.63	19.42	20.00
		12	6	19.70	19.54	19.65	20.00
		12	13	19.86	19.41	19.68	20.00
	16QAM	25	0	19.70	19.66	19.53	20.00
		1	0	19.99	19.61	19.90	20.00
		1	13	19.65	19.79	19.75	20.00
		1	24	19.80	19.81	19.76	20.00
		12	0	18.76	18.58	18.68	19.00
		12	6	18.64	18.61	18.62	19.00
	64QAM	12	13	18.57	18.59	18.77	19.00
		25	0	18.76	18.58	18.40	19.00
		1	0	18.71	18.61	18.82	19.00
		1	13	18.73	18.61	18.69	19.00
		1	24	18.72	18.96	18.81	19.00
		12	0	17.89	17.53	17.86	18.00
		12	6	17.91	17.57	17.90	18.00
		12	13	17.95	17.76	17.71	18.00
		25	0	17.81	17.74	17.72	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.57	19.32	19.66	20.00
		1	25	19.34	19.51	19.68	20.00
		1	49	19.61	19.48	19.54	20.00
		25	0	19.49	19.66	19.51	20.00
		25	13	19.66	19.59	19.73	20.00
		25	25	19.78	19.51	19.67	20.00
	16QAM	50	0	19.78	19.76	19.51	20.00
		1	0	19.93	19.70	19.91	20.00
		1	25	19.63	19.77	19.82	20.00
		1	49	19.78	19.74	19.86	20.00
		25	0	18.71	18.62	18.68	19.00
		25	13	18.67	18.61	18.64	19.00
	64QAM	25	25	18.63	18.63	18.69	19.00
		50	0	18.71	18.66	18.48	19.00
		1	0	18.78	18.56	18.79	19.00
		1	25	18.76	18.68	18.65	19.00
		1	49	18.78	18.99	18.85	19.00
		25	0	17.89	17.59	17.77	18.00
		25	13	17.84	17.53	17.84	18.00
		25	25	17.91	17.72	17.64	18.00
		50	0	17.71	17.68	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.51	19.38	19.59	20.00



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		1	38	19.41	19.52	19.58	20.00
		1	74	19.51	19.56	19.61	20.00
		36	0	19.56	19.63	19.59	20.00
		36	18	19.58	19.59	19.63	20.00
		36	39	19.68	19.54	19.57	20.00
		75	0	19.68	19.68	19.48	20.00
	16QAM	1	0	19.87	19.78	19.83	20.00
		1	38	19.63	19.86	19.92	20.00
		1	74	19.83	19.81	19.89	20.00
		36	0	18.71	18.60	18.74	19.00
		36	18	18.66	18.67	18.58	19.00
		36	39	18.73	18.62	18.67	19.00
		75	0	18.68	18.62	18.58	19.00
	64QAM	1	0	18.74	18.64	18.84	19.00
		1	38	18.85	18.74	18.73	19.00
		1	74	18.87	18.96	18.78	19.00
		36	0	17.79	17.67	17.67	18.00
		36	18	17.74	17.57	17.74	18.00
		36	39	17.90	17.65	17.59	18.00
		75	0	17.78	17.65	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.48	19.44	19.57	20.00
		1	50	19.51	19.56	19.59	20.00
		1	99	19.54	19.56	19.60	20.00
		50	0	19.61	19.58	19.56	20.00
		50	25	19.63	19.60	19.64	20.00
		50	50	19.70	19.58	19.57	20.00
	16QAM	100	0	19.64	19.58	19.51	20.00
		1	0	19.78	19.78	19.86	20.00
		1	50	19.70	19.88	19.91	20.00
		1	99	19.75	19.89	19.90	20.00
		50	0	18.68	18.68	18.64	19.00
		50	25	18.74	18.71	18.67	19.00
	64QAM	50	50	18.78	18.67	18.66	19.00
		100	0	18.74	18.69	18.60	19.00
		1	0	18.80	18.71	18.74	19.00
		1	50	18.81	18.81	18.80	19.00
		1	99	18.79	18.86	18.77	19.00
		50	0	17.71	17.67	17.62	18.00
		50	25	17.74	17.67	17.70	18.00
		50	50	17.80	17.66	17.66	18.00
		100	0	17.74	17.56	17.58	18.00

LTE Band 4 State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.31	20.24	20.25	21.50
		1	2	20.38	20.35	20.40	21.50
		1	5	20.67	20.60	20.53	21.50
		3	0	20.41	20.37	20.31	21.50
		3	2	20.46	20.53	20.59	21.50
		3	3	20.26	20.27	20.31	21.50
	16QAM	6	0	19.31	19.38	19.47	20.50
		1	0	19.73	19.72	19.69	20.50
		1	2	19.61	19.51	19.55	20.50
		1	5	19.86	19.96	19.99	20.50
		3	0	19.44	19.46	19.36	20.50
		3	2	19.65	19.61	19.58	20.50



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		3	3	19.64	19.55	19.59	20.50
		6	0	18.52	18.62	18.54	19.50
	64QAM	1	0	18.52	18.60	18.56	19.50
		1	2	18.69	18.69	18.60	19.50
		1	5	18.70	18.73	18.82	19.50
		3	0	18.27	18.37	18.28	19.50
		3	2	18.33	18.33	18.25	19.50
		3	3	18.54	18.53	18.49	19.50
		6	0	17.32	17.31	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.15	20.20	20.10	21.50
		1	7	20.34	20.38	20.43	21.50
		1	14	20.68	20.59	20.49	21.50
		8	0	19.20	19.27	19.26	20.50
		8	4	19.50	19.51	19.60	20.50
		8	7	19.27	19.37	19.39	20.50
		15	0	19.34	19.32	19.29	20.50
	16QAM	1	0	19.70	19.63	19.72	20.50
		1	7	19.53	19.59	19.49	20.50
		1	14	19.96	19.91	19.88	20.50
		8	0	18.46	18.45	18.40	19.50
		8	4	18.52	18.59	18.66	19.50
		8	7	18.67	18.61	18.67	19.50
		15	0	18.62	18.62	18.63	19.50
	64QAM	1	0	18.52	18.62	18.67	19.50
		1	7	18.71	18.64	18.65	19.50
		1	14	18.84	18.77	18.71	19.50
		8	0	17.35	17.42	17.45	18.50
		8	4	17.49	17.43	17.52	18.50
		8	7	17.57	17.47	17.47	18.50
		15	0	17.46	17.40	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.21	20.18	20.23	21.50
		1	13	20.36	20.41	20.35	21.50
		1	24	20.61	20.56	20.58	21.50
		12	0	19.23	19.19	19.16	20.50
		12	6	19.51	19.61	19.64	20.50
		12	13	19.41	19.45	19.46	20.50
		25	0	19.39	19.39	19.48	20.50
	16QAM	1	0	19.54	19.57	19.49	20.50
		1	13	19.54	19.62	19.68	20.50
		1	24	19.91	19.92	19.94	20.50
		12	0	18.30	18.38	18.38	19.50
		12	6	18.46	18.55	18.56	19.50
		12	13	18.76	18.66	18.60	19.50
		25	0	18.54	18.54	18.55	19.50
	64QAM	1	0	18.56	18.53	18.51	19.50
		1	13	18.79	18.70	18.64	19.50
		1	24	18.73	18.78	18.86	19.50
		12	0	17.45	17.40	17.38	18.50
		12	6	17.40	17.49	17.54	18.50
		12	13	17.44	17.50	17.40	18.50
		25	0	17.43	17.33	17.35	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.23	20.21	20.22	21.50
		1	25	20.37	20.34	20.28	21.50
		1	49	20.43	20.53	20.50	21.50
		25	0	19.31	19.22	19.15	20.50



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		25	13	19.46	19.53	19.57	20.50
		25	25	19.52	19.47	19.43	20.50
		50	0	19.27	19.31	19.38	20.50
		1	0	19.61	19.59	19.65	20.50
		1	25	19.62	19.67	19.65	20.50
		1	49	19.87	19.87	19.90	20.50
		25	0	18.44	18.36	18.44	19.50
		25	13	18.53	18.53	18.46	19.50
		25	25	18.65	18.64	18.65	19.50
		50	0	18.63	18.55	18.54	19.50
		1	0	18.48	18.56	18.55	19.50
		1	25	18.66	18.61	18.55	19.50
		1	49	18.78	18.82	18.81	19.50
		25	0	17.44	17.50	17.50	18.50
		25	13	17.38	17.47	17.45	18.50
		25	25	17.58	17.59	17.68	18.50
		50	0	17.43	17.43	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.08	20.15	20.22	21.50
		1	38	20.34	20.29	20.38	21.50
		1	74	20.42	20.52	20.62	21.50
		36	0	19.27	19.26	19.27	20.50
		36	18	19.40	19.44	19.40	20.50
		36	39	19.42	19.45	19.45	20.50
	16QAM	75	0	19.39	19.41	19.33	20.50
		1	0	19.76	19.66	19.60	20.50
		1	38	19.70	19.77	19.76	20.50
		1	74	19.85	19.87	19.86	20.50
		36	0	18.39	18.41	18.32	19.50
		36	18	18.60	18.62	18.65	19.50
	64QAM	36	39	18.73	18.65	18.60	19.50
		75	0	18.50	18.60	18.67	19.50
		1	0	18.65	18.62	18.57	19.50
		1	38	18.68	18.66	18.66	19.50
		1	74	18.86	18.76	18.69	19.50
		36	0	17.55	17.45	17.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	20.23	/	21.50
		1	50	/	20.37	/	21.50
		1	99	/	20.53	/	21.50
		50	0	/	19.36	/	20.50
		50	25	/	19.51	/	20.50
		50	50	/	19.53	/	20.50
	16QAM	100	0	/	19.47	/	20.50
		1	0	/	19.66	/	20.50
		1	50	/	19.74	/	20.50
		1	99	/	19.85	/	20.50
		50	0	/	18.42	/	19.50
		50	25	/	18.56	/	19.50
	64QAM	50	50	/	18.61	/	19.50
		100	0	/	18.54	/	19.50
		1	0	/	18.53	/	19.50
		1	50	/	18.61	/	19.50
		1	99	/	18.81	/	19.50
		50	0	/	17.50	/	18.50
		50	25	/	17.56	/	18.50



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		50	50	/	17.59	/	18.50
		100	0	/	17.52	/	18.50

LTE Band 4 2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	18.96	18.97	19.02	20.50
		1	2	19.38	19.46	19.53	20.50
		1	5	19.72	19.63	19.69	20.50
		3	0	19.19	19.24	19.34	20.50
		3	2	19.29	19.29	19.28	20.50
		3	3	19.62	19.52	19.50	20.50
	16QAM	6	0	19.23	19.29	19.24	20.50
		1	0	19.36	19.30	19.35	20.50
		1	2	19.58	19.53	19.49	20.50
		1	5	19.65	19.58	19.68	20.50
		3	0	19.74	19.68	19.76	20.50
		3	2	19.64	19.57	19.66	20.50
	64QAM	3	3	19.54	19.58	19.56	20.50
		6	0	18.68	18.72	18.73	19.50
		1	0	18.23	18.32	18.25	19.50
		1	2	18.39	18.41	18.33	19.50
		1	5	18.95	18.86	18.94	19.50
		3	0	18.46	18.53	18.63	19.50
3MHz	QPSK	3	2	18.36	18.34	18.40	19.50
		3	3	18.53	18.50	18.55	19.50
		6	0	17.57	17.51	17.60	18.50
	16QAM	1	0	19.13	19.07	19.01	20.50
		1	7	19.44	19.49	19.47	20.50
		1	14	19.58	19.66	19.64	20.50
		8	0	19.13	19.19	19.15	20.50
		8	4	19.24	19.28	19.23	20.50
		8	7	19.42	19.43	19.38	20.50
	64QAM	15	0	19.34	19.27	19.32	20.50
		1	0	19.32	19.31	19.34	20.50
		1	7	19.60	19.62	19.53	20.50
		1	14	19.64	19.63	19.67	20.50
		8	0	18.56	18.60	18.68	19.50
		8	4	18.55	18.52	18.54	19.50
5MHz	QPSK	8	7	18.69	18.61	18.63	19.50
		15	0	18.73	18.63	18.66	19.50
		1	0	18.37	18.38	18.43	19.50
		1	7	18.45	18.50	18.44	19.50
		1	14	18.92	18.90	18.91	19.50
		8	0	17.59	17.54	17.46	18.50
	16QAM	8	4	17.39	17.41	17.39	18.50
		8	7	17.50	17.58	17.66	18.50
		15	0	17.65	17.61	17.68	18.50
		1	0	19.07	19.15	19.15	20.50
		1	13	19.39	19.44	19.50	20.50
		1	24	19.70	19.63	19.53	20.50
	64QAM	12	0	19.19	19.18	19.08	20.50
		12	6	19.30	19.24	19.25	20.50
		12	13	19.32	19.42	19.45	20.50
		25	0	19.26	19.17	19.09	20.50



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	16QAM	1	0	19.32	19.38	19.32	20.50
		1	13	19.71	19.62	19.62	20.50
		1	24	19.75	19.72	19.63	20.50
		12	0	18.67	18.57	18.56	19.50
		12	6	18.45	18.44	18.53	19.50
		12	13	18.58	18.52	18.45	19.50
		25	0	18.66	18.58	18.62	19.50
	64QAM	1	0	18.29	18.34	18.25	19.50
		1	13	18.61	18.58	18.53	19.50
		1	24	18.87	18.83	18.75	19.50
		12	0	17.49	17.54	17.61	18.50
		12	6	17.40	17.50	17.50	18.50
		12	13	17.58	17.51	17.48	18.50
		25	0	17.55	17.51	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.16	19.17	19.15	20.50
		1	25	19.38	19.44	19.49	20.50
		1	49	19.52	19.56	19.51	20.50
		25	0	19.17	19.14	19.05	20.50
		25	13	19.35	19.32	19.24	20.50
		25	25	19.48	19.44	19.41	20.50
		50	0	19.15	19.21	19.19	20.50
	16QAM	1	0	19.39	19.47	19.50	20.50
		1	25	19.71	19.67	19.72	20.50
		1	49	19.81	19.77	19.67	20.50
		25	0	18.41	18.49	18.40	19.50
		25	13	18.35	18.39	18.32	19.50
		25	25	18.69	18.60	18.60	19.50
		50	0	18.50	18.54	18.51	19.50
	64QAM	1	0	18.44	18.44	18.35	19.50
		1	25	18.61	18.60	18.69	19.50
		1	49	18.78	18.82	18.88	19.50
		25	0	17.55	17.48	17.56	18.50
		25	13	17.54	17.53	17.47	18.50
		25	25	17.56	17.58	17.61	18.50
		50	0	17.54	17.54	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.24	19.25	19.33	20.50
		1	38	19.42	19.43	19.45	20.50
		1	74	19.59	19.55	19.58	20.50
		36	0	19.27	19.18	19.19	20.50
		36	18	19.28	19.31	19.30	20.50
		36	39	19.32	19.34	19.39	20.50
		75	0	19.34	19.29	19.39	20.50
	16QAM	1	0	19.46	19.38	19.36	20.50
		1	38	19.52	19.60	19.63	20.50
		1	74	19.90	19.82	19.72	20.50
		36	0	18.40	18.47	18.41	19.50
		36	18	18.47	18.46	18.54	19.50
		36	39	18.59	18.66	18.56	19.50
		75	0	18.53	18.57	18.62	19.50
	64QAM	1	0	18.42	18.49	18.39	19.50
		1	38	18.61	18.68	18.78	19.50
		1	74	18.82	18.84	18.88	19.50
		36	0	17.51	17.48	17.41	18.50
		36	18	17.51	17.48	17.52	18.50
		36	39	17.51	17.48	17.56	18.50
		75	0	17.54	17.57	17.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	20175	/	
20MHz	QPSK	1	0	/	19.17	/	20.50
		1	50	/	19.37	/	20.50
		1	99	/	19.51	/	20.50
		50	0	/	19.24	/	20.50
		50	25	/	19.29	/	20.50
		50	50	/	19.41	/	20.50
		100	0	/	19.31	/	20.50
	16QAM	1	0	/	19.47	/	20.50
		1	50	/	19.59	/	20.50
		1	99	/	19.85	/	20.50
		50	0	/	18.46	/	19.50
		50	25	/	18.52	/	19.50
		50	50	/	18.58	/	19.50
		100	0	/	18.53	/	19.50
	64QAM	1	0	/	18.50	/	19.50
		1	50	/	18.63	/	19.50
		1	99	/	18.84	/	19.50
		50	0	/	17.49	/	18.50
		50	25	/	17.52	/	18.50
		50	50	/	17.58	/	18.50
		100	0	/	17.54	/	18.50

LTE Band 7 State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.36	19.26	19.59	20.20
		1	13	18.73	19.51	19.40	20.20
		1	24	18.95	19.47	19.58	20.20
		12	0	17.78	18.66	18.67	19.20
		12	6	17.85	18.61	18.65	19.20
		12	13	17.92	18.79	18.67	19.20
	16QAM	25	0	17.85	18.51	18.78	19.20
		1	0	17.75	18.66	18.86	19.20
		1	13	18.17	18.73	18.76	19.20
		1	24	18.50	18.72	18.89	19.20
		12	0	16.63	17.55	17.80	18.20
		12	6	17.03	17.74	17.78	18.20
	64QAM	12	13	16.84	17.76	17.78	18.20
		25	0	16.61	17.38	17.84	18.20
		1	0	16.71	17.56	18.09	18.20
		1	13	16.90	18.06	17.78	18.20
		1	24	17.04	17.94	17.98	18.20
		12	0	15.62	16.76	16.68	17.20
10MHz	QPSK	12	6	15.73	16.62	16.78	17.20
		12	13	16.09	16.64	16.68	17.20
		25	0	15.76	16.57	16.54	17.20
	16QAM	1	0	18.33	19.19	19.62	20.20
		1	25	18.67	19.52	19.35	20.20
		1	49	18.95	19.41	19.66	20.20
		25	0	17.71	18.75	18.74	19.20
		25	13	17.77	18.56	18.67	19.20
		25	25	17.94	18.79	18.65	19.20
	QPSK	50	0	17.76	18.53	18.77	19.20
		1	0	17.75	18.74	18.90	19.20
		1	25	18.11	18.80	18.86	19.20
		1	49	18.51	18.74	18.84	19.20



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	64QAM	25	0	16.57	17.47	17.77	18.20
		25	13	16.98	17.77	17.76	18.20
		25	25	16.92	17.75	17.74	18.20
		50	0	16.63	17.46	17.85	18.20
		1	0	16.65	17.54	17.99	18.20
		1	25	16.90	17.99	17.77	18.20
		1	49	17.14	17.86	17.90	18.20
		25	0	15.54	16.69	16.72	17.20
		25	13	15.73	16.64	16.73	17.20
		25	25	16.01	16.63	16.74	17.20
		50	0	15.79	16.49	16.61	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.35	19.27	19.54	20.20
		1	38	18.71	19.46	19.44	20.20
		1	74	19.01	19.43	19.62	20.20
		36	0	17.64	18.69	18.76	19.20
		36	18	17.77	18.59	18.69	19.20
		36	39	17.95	18.69	18.68	19.20
		75	0	17.84	18.54	18.73	19.20
	16QAM	1	0	17.82	18.67	18.88	19.20
		1	38	18.08	18.87	18.87	19.20
		1	74	18.48	18.80	18.92	19.20
		36	0	16.61	17.57	17.75	18.20
		36	18	16.94	17.68	17.66	18.20
		36	39	16.95	17.74	17.71	18.20
		75	0	16.73	17.54	17.80	18.20
	64QAM	1	0	16.60	17.51	17.90	18.20
		1	38	16.96	17.93	17.82	18.20
		1	74	17.09	17.80	17.88	18.20
		36	0	15.59	16.71	16.72	17.20
		36	18	15.80	16.67	16.72	17.20
		36	39	16.00	16.65	16.80	17.20
		75	0	15.81	16.51	16.68	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	18.36	19.37	19.52	20.20
		1	50	18.69	19.54	19.54	20.20
		1	99	19.02	19.53	19.53	20.20
		50	0	17.67	18.62	18.71	19.20
		50	25	17.86	18.69	18.72	19.20
		50	50	18.02	18.68	18.74	19.20
		100	0	17.85	18.64	18.73	19.20
	16QAM	1	0	17.79	18.66	18.91	19.20
		1	50	18.04	18.86	18.90	19.20
		1	99	18.43	18.72	18.98	19.20
		50	0	16.67	17.57	17.66	18.20
		50	25	16.84	17.65	17.71	18.20
		50	50	17.00	17.71	17.75	18.20
		100	0	16.81	17.64	17.70	18.20
	64QAM	1	0	16.66	17.58	17.85	18.20
		1	50	17.02	17.91	17.81	18.20
		1	99	17.17	17.82	17.80	18.20
		50	0	15.66	16.61	16.68	17.20
		50	25	15.81	16.66	16.70	17.20
		50	50	16.01	16.64	16.74	17.20
		100	0	15.79	16.60	16.68	17.20



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LTE Band 7 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.56	18.34	18.66	19.20
		1	13	17.66	18.63	18.61	19.20
		1	24	18.00	18.42	18.52	19.20
		12	0	17.44	18.57	18.49	19.20
		12	6	17.57	18.48	18.84	19.20
		12	13	17.70	18.58	18.45	19.20
		25	0	17.87	18.59	18.49	19.20
	16QAM	1	0	17.27	18.45	18.88	19.20
		1	13	17.83	18.93	18.63	19.20
		1	24	18.18	18.81	18.75	19.20
		12	0	16.45	17.62	17.41	18.20
		12	6	16.96	17.58	17.64	18.20
		12	13	16.85	17.56	17.74	18.20
		25	0	16.88	17.50	17.74	18.20
	64QAM	1	0	16.70	17.55	17.64	18.20
		1	13	17.00	17.73	17.91	18.20
		1	24	16.84	17.86	17.95	18.20
		12	0	15.77	16.49	16.76	17.20
		12	6	15.77	16.64	16.66	17.20
		12	13	15.94	16.69	16.75	17.20
		25	0	15.72	16.51	16.73	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.43	18.32	18.71	19.20
		1	25	17.82	18.58	18.63	19.20
		1	49	18.15	18.68	18.68	19.20
		25	0	17.54	18.48	18.45	19.20
		25	13	17.65	18.54	18.68	19.20
		25	25	17.88	18.48	18.65	19.20
		50	0	17.76	18.42	18.53	19.20
	16QAM	1	0	17.55	18.55	18.67	19.20
		1	25	17.97	18.83	19.00	19.20
		1	49	18.22	18.63	18.82	19.20
		25	0	16.46	17.54	17.43	18.20
		25	13	16.78	17.71	17.71	18.20
		25	25	17.03	17.74	17.71	18.20
		50	0	16.75	17.48	17.63	18.20
	64QAM	1	0	16.70	17.48	17.71	18.20
		1	25	16.99	17.69	17.97	18.20
		1	49	16.86	17.63	17.89	18.20
		25	0	15.55	16.55	16.70	17.20
		25	13	15.67	16.74	16.67	17.20
		25	25	15.93	16.71	16.77	17.20
		50	0	15.82	16.55	16.84	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.43	18.36	18.55	19.20
		1	38	17.67	18.53	18.58	19.20
		1	74	17.95	18.60	18.61	19.20
		36	0	17.47	18.57	18.47	19.20
		36	18	17.73	18.55	18.58	19.20
		36	39	17.84	18.59	18.57	19.20
		75	0	17.77	18.44	18.56	19.20
	16QAM	1	0	17.38	18.39	18.85	19.20
		1	38	17.88	18.88	18.90	19.20



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		1	74	18.32	18.71	18.67	19.20
		36	0	16.64	17.67	17.38	18.20
		36	18	16.88	17.64	17.73	18.20
		36	39	16.84	17.72	17.68	18.20
		75	0	16.71	17.63	17.72	18.20
		1	0	16.66	17.57	17.79	18.20
		1	38	16.87	17.75	17.90	18.20
		1	74	16.98	17.85	17.71	18.20
		36	0	15.62	16.64	16.61	17.20
		36	18	15.88	16.70	16.81	17.20
	64QAM	36	39	15.89	16.72	16.64	17.20
		75	0	15.86	16.57	16.78	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.38	18.31	18.52	19.20
		1	50	17.69	18.56	18.53	19.20
		1	99	18.03	18.52	18.52	19.20
		50	0	17.56	18.50	18.54	19.20
		50	25	17.71	18.54	18.62	19.20
		50	50	17.87	18.55	18.61	19.20
		100	0	17.72	18.51	18.58	19.20
	16QAM	1	0	17.48	18.48	18.81	19.20
		1	50	17.84	18.86	18.87	19.20
		1	99	18.27	18.73	18.69	19.20
		50	0	16.65	17.58	17.46	18.20
		50	25	16.82	17.68	17.71	18.20
		50	50	16.94	17.67	17.75	18.20
		100	0	16.78	17.60	17.72	18.20
	64QAM	1	0	16.71	17.61	17.74	18.20
		1	50	16.95	17.82	17.81	18.20
		1	99	17.00	17.82	17.78	18.20
		50	0	15.66	16.58	16.67	17.20
		50	25	15.84	16.64	16.71	17.20
		50	50	15.98	16.66	16.74	17.20
		100	0	15.83	16.55	16.69	17.20

LTE Band 66 State1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.47	20.65	20.72	21.70
		1	2	20.91	20.39	20.71	21.70
		1	5	20.38	20.94	20.85	21.70
		3	0	20.59	20.78	21.13	21.70
		3	1	20.52	21.19	20.67	21.70
		3	3	20.54	20.65	20.76	21.70
	16QAM	6	0	19.45	19.39	19.93	20.70
		1	0	19.78	19.88	19.80	20.70
		1	2	19.93	20.14	19.74	20.70
		1	5	19.91	20.07	19.43	20.70
		3	0	19.37	19.95	19.79	20.70
		3	1	19.44	20.01	19.66	20.70
	64QAM	3	3	19.64	19.96	20.01	20.70
		6	0	18.47	18.85	18.88	19.70
		1	0	18.67	18.66	18.63	19.70
		1	2	18.53	18.91	18.96	19.70
		1	5	18.90	19.00	18.03	19.70
		3	0	18.33	18.70	18.52	19.70
		3	1	18.54	18.89	18.45	19.70
		3	3	18.42	18.84	18.80	19.70



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		6	0	17.18	17.93	17.91	18.70
				131987	132322	132657	
3MHz	QPSK	1	0	20.45	20.63	20.61	21.70
		1	7	20.43	20.60	20.69	21.70
		1	14	20.65	20.84	20.88	21.70
		8	0	19.54	19.74	19.97	20.70
		8	4	19.63	20.09	19.84	20.70
		8	7	19.82	19.63	19.75	20.70
		15	0	19.56	19.41	19.73	20.70
	16QAM	1	0	19.73	19.56	19.97	20.70
		1	7	20.02	20.03	19.80	20.70
		1	14	20.05	20.34	19.65	20.70
		8	0	18.83	18.79	18.64	19.70
		8	4	18.69	18.69	18.68	19.70
		8	7	18.57	19.03	18.83	19.70
		15	0	18.63	18.94	18.76	19.70
	64QAM	1	0	18.96	18.57	18.77	19.70
		1	7	18.95	18.85	18.91	19.70
		1	14	18.91	19.24	18.38	19.70
		8	0	17.52	17.89	17.81	18.70
		8	4	17.49	17.81	17.88	18.70
		8	7	17.52	17.75	17.70	18.70
		15	0	17.63	17.74	17.83	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.46	20.42	20.51	21.70
		1	13	20.47	20.75	20.69	21.70
		1	24	20.34	20.74	20.90	21.70
		12	0	19.60	19.76	19.88	20.70
		12	6	19.70	19.94	19.80	20.70
		12	13	19.72	19.48	19.90	20.70
		25	0	19.78	19.25	19.84	20.70
	16QAM	1	0	19.90	19.86	19.85	20.70
		1	13	19.86	19.85	19.92	20.70
		1	24	20.08	20.16	19.70	20.70
		12	0	18.71	18.93	18.63	19.70
		12	6	18.54	18.89	18.78	19.70
		12	13	18.68	18.70	18.75	19.70
		25	0	18.74	18.70	18.70	19.70
	64QAM	1	0	18.81	18.73	18.67	19.70
		1	13	18.68	19.05	19.03	19.70
		1	24	18.67	18.96	18.27	19.70
		12	0	17.61	17.99	17.84	18.70
		12	6	17.45	17.73	17.67	18.70
		12	13	17.44	17.87	17.79	18.70
		25	0	17.62	17.83	17.80	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.27	20.37	20.44	21.70
		1	25	20.52	20.53	20.62	21.70
		1	49	20.50	20.75	20.82	21.70
		25	0	19.63	19.85	19.87	20.70
		25	13	19.70	20.07	19.84	20.70
		25	25	19.67	19.50	19.83	20.70
		50	0	19.64	19.35	19.87	20.70
	16QAM	1	0	19.93	19.82	19.81	20.70
		1	25	19.94	20.06	19.98	20.70
		1	49	19.83	20.16	19.50	20.70
		25	0	18.52	18.72	18.70	19.70
		25	13	18.68	18.74	18.65	19.70



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	64QAM	25	25	18.60	18.96	18.76	19.70
		50	0	18.74	18.87	18.72	19.70
		1	0	18.94	18.77	18.68	19.70
		1	25	18.60	19.04	19.03	19.70
		1	49	18.72	18.84	18.18	19.70
		25	0	17.50	17.77	17.76	18.70
		25	13	17.43	17.84	17.69	18.70
		25	25	17.65	17.78	17.84	18.70
		50	0	17.48	17.67	17.72	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.40	20.59	20.54	21.70
		1	38	20.54	20.67	20.69	21.70
		1	74	20.47	20.75	20.90	21.70
		36	0	19.68	19.85	19.71	20.70
		36	18	19.69	19.98	19.90	20.70
		36	39	19.71	19.55	19.87	20.70
		75	0	19.57	19.57	19.88	20.70
	16QAM	1	0	19.79	19.85	19.86	20.70
		1	38	19.83	19.86	19.89	20.70
		1	74	19.89	20.22	19.44	20.70
		36	0	18.50	18.77	18.65	19.70
		36	18	18.57	18.76	18.82	19.70
		36	39	18.64	18.96	18.89	19.70
		75	0	18.57	18.86	18.71	19.70
	64QAM	1	0	18.86	18.61	18.59	19.70
		1	38	18.74	18.91	18.84	19.70
		1	74	18.71	19.02	18.21	19.70
		36	0	17.60	17.82	17.64	18.70
		36	18	17.47	17.82	17.65	18.70
		36	39	17.58	17.91	17.93	18.70
		75	0	17.59	17.78	17.65	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	20.39	20.51	20.61	21.70
		1	50	20.46	20.57	20.66	21.70
		1	99	20.52	20.80	20.82	21.70
		50	0	19.60	19.79	19.81	20.70
		50	25	19.64	19.89	19.81	20.70
		50	50	19.69	19.53	19.88	20.70
		100	0	19.63	19.47	19.81	20.70
	16QAM	1	0	19.86	19.77	19.85	20.70
		1	50	19.82	19.95	19.86	20.70
		1	99	19.96	20.18	19.52	20.70
		50	0	18.57	18.77	18.73	19.70
		50	25	18.58	18.80	18.75	19.70
		50	50	18.60	18.86	18.83	19.70
		100	0	18.62	18.82	18.76	19.70
	64QAM	1	0	18.78	18.63	18.68	19.70
		1	50	18.65	18.92	18.89	19.70
		1	99	18.72	18.95	18.21	19.70
		50	0	17.53	17.77	17.73	18.70
		50	25	17.56	17.84	17.73	18.70
		50	50	17.59	17.85	17.83	18.70
		100	0	17.53	17.80	17.75	18.70



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LTE Band 38 State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.69	19.75	19.69	20.30
		1	13	19.47	19.54	19.52	20.30
		1	24	19.61	19.71	19.66	20.30
		12	0	18.90	18.85	18.86	19.30
		12	6	18.69	18.78	18.78	19.30
		12	13	18.97	18.97	18.90	19.30
		25	0	18.85	18.92	18.94	19.30
	16QAM	1	0	19.17	19.10	19.07	19.30
		1	13	19.20	19.12	19.12	19.30
		1	24	18.90	18.92	18.92	19.30
		12	0	18.05	18.05	17.96	18.30
		12	6	18.02	18.04	18.08	18.30
		12	13	17.92	17.92	17.85	18.30
		25	0	17.83	17.84	17.94	18.30
	64QAM	1	0	17.58	17.57	17.66	18.30
		1	13	17.65	17.68	17.67	18.30
		1	24	17.41	17.46	17.41	18.30
		12	0	17.05	17.10	17.12	17.30
		12	6	16.94	16.95	16.85	17.30
		12	13	16.95	16.92	16.97	17.30
		25	0	16.93	16.95	17.04	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	19.67	19.67	19.60	20.30
		1	25	19.65	19.59	19.66	20.30
		1	49	19.72	19.63	19.61	20.30
		25	0	18.87	18.78	18.79	19.30
		25	13	18.77	18.77	18.72	19.30
		25	25	18.97	18.93	18.96	19.30
		50	0	18.92	18.88	18.97	19.30
	16QAM	1	0	19.09	19.12	19.12	19.30
		1	25	19.19	19.15	19.23	19.30
		1	49	19.06	18.96	18.96	19.30
		25	0	18.02	17.97	17.92	18.30
		25	13	18.13	18.05	18.01	18.30
		25	25	17.93	18.01	18.07	18.30
		50	0	17.76	17.77	17.69	18.30
	64QAM	1	0	17.62	17.64	17.72	18.30
		1	25	17.68	17.65	17.75	18.30
		1	49	17.54	17.50	17.49	18.30
		25	0	16.94	17.04	16.96	17.30
		25	13	16.86	16.89	16.81	17.30
		25	25	16.85	16.89	16.90	17.30
		50	0	17.07	17.04	17.09	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.67	19.72	19.78	20.30
		1	38	19.56	19.62	19.70	20.30
		1	74	19.58	19.67	19.61	20.30
		36	0	18.86	18.79	18.74	19.30
		36	18	18.91	18.84	18.81	19.30
		36	39	18.89	18.83	18.86	19.30
		75	0	18.80	18.84	18.76	19.30
	16QAM	1	0	19.19	19.09	19.17	19.30
		1	38	19.03	19.12	19.03	19.30



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		1	74	18.85	18.89	18.98	19.30
		36	0	18.06	18.04	17.96	18.30
		36	18	17.98	18.00	18.09	18.30
		36	39	17.97	17.97	17.98	18.30
		75	0	17.87	17.83	17.86	18.30
	64QAM	1	0	17.79	17.74	17.74	18.30
		1	38	17.52	17.58	17.68	18.30
		1	74	17.62	17.56	17.55	18.30
		36	0	17.03	16.96	17.01	17.30
		36	18	16.80	16.86	16.83	17.30
		36	39	16.88	16.92	16.85	17.30
		75	0	16.94	16.97	17.00	17.30
	20MHz	Bandwidth	Modulation	RB size	RB offset	Channel	Tune up
						/	38000
		QPSK	1	0	/	19.63	/
			1	50	/	19.60	/
			1	99	/	19.57	/
			50	0	/	18.86	/
			50	25	/	18.83	/
			50	50	/	18.88	/
			100	0	/	18.87	/
		16QAM	1	0	/	19.09	/
			1	50	/	19.03	/
			1	99	/	18.99	/
			50	0	/	17.97	/
			50	25	/	17.91	/
			50	50	/	17.90	/
		64QAM	100	0	/	17.89	/
			1	0	/	17.64	/
			1	50	/	17.58	/
			1	99	/	17.59	/
			50	0	/	16.97	/
			50	25	/	16.95	/
			50	50	/	16.86	/
			100	0	/	16.87	/

LTE Band 38 State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.54	18.61	18.55	19.30
		1	13	18.58	18.57	18.50	19.30
		1	24	18.37	18.45	18.40	19.30
		12	0	18.83	18.77	18.74	19.30
		12	6	18.25	18.34	18.32	19.30
		12	13	18.56	18.61	18.58	19.30
		25	0	18.54	18.47	18.54	19.30
	16QAM	1	0	18.83	18.74	18.79	19.30
		1	13	18.68	18.78	18.74	19.30
		1	24	18.80	18.82	18.90	19.30
		12	0	17.82	17.79	17.79	18.30
		12	6	18.09	18.03	17.99	18.30
		12	13	18.06	18.05	18.10	18.30
		25	0	17.90	17.93	17.94	18.30
	64QAM	1	0	17.70	17.77	17.84	18.30
		1	13	17.87	17.78	17.88	18.30
		1	24	17.57	17.47	17.48	18.30
		12	0	17.16	17.15	17.22	17.30
		12	6	16.93	16.95	16.92	17.30
		12	13	16.93	16.90	16.94	17.30



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	0	17.01	16.92	16.85	17.30
				37800	38000	38200	
10MHz	QPSK	1	0	18.61	18.57	18.63	19.30
		1	25	18.51	18.59	18.55	19.30
		1	49	18.69	18.62	18.68	19.30
		25	0	18.58	18.60	18.65	19.30
		25	13	18.46	18.48	18.46	19.30
		25	25	18.71	18.61	18.61	19.30
		50	0	18.41	18.37	18.40	19.30
	16QAM	1	0	18.84	18.75	18.81	19.30
		1	25	18.67	18.76	18.76	19.30
		1	49	18.57	18.62	18.54	19.30
		25	0	17.99	17.97	17.88	18.30
		25	13	17.95	17.99	17.96	18.30
		25	25	17.81	17.91	17.82	18.30
		50	0	17.97	18.02	17.95	18.30
	64QAM	1	0	17.56	17.55	17.47	18.30
		1	25	17.64	17.61	17.59	18.30
		1	49	17.57	17.59	17.57	18.30
		25	0	16.91	16.98	17.03	17.30
		25	13	16.84	16.92	16.90	17.30
		25	25	16.98	17.02	17.12	17.30
		50	0	16.89	16.95	16.97	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.54	18.53	18.48	19.30
		1	38	18.65	18.55	18.61	19.30
		1	74	18.51	18.48	18.46	19.30
		36	0	18.43	18.50	18.46	19.30
		36	18	18.42	18.44	18.46	19.30
		36	39	18.65	18.66	18.63	19.30
		75	0	18.50	18.45	18.36	19.30
	16QAM	1	0	18.71	18.66	18.70	19.30
		1	38	18.57	18.66	18.58	19.30
		1	74	18.69	18.71	18.75	19.30
		36	0	18.00	17.98	18.04	18.30
		36	18	17.95	17.85	17.87	18.30
		36	39	17.84	17.86	17.82	18.30
		75	0	17.85	17.91	17.93	18.30
	64QAM	1	0	17.55	17.62	17.57	18.30
		1	38	17.53	17.60	17.55	18.30
		1	74	17.56	17.57	17.62	18.30
		36	0	17.01	16.99	17.08	17.30
		36	18	16.85	16.83	16.91	17.30
		36	39	16.91	16.83	16.84	17.30
		75	0	17.12	17.03	16.95	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	18.61	/	19.30
		1	50	/	18.60	/	19.30
		1	99	/	18.58	/	19.30
		50	0	/	18.60	/	19.30
		50	25	/	18.49	/	19.30
		50	50	/	18.60	/	19.30
		100	0	/	18.47	/	19.30
	16QAM	1	0	/	18.71	/	19.30
		1	50	/	18.70	/	19.30
		1	99	/	18.65	/	19.30
		50	0	/	17.96	/	18.30
		50	25	/	17.92	/	18.30



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		50	50	/	17.90	/	18.30
		100	0	/	17.90	/	18.30
	64QAM	1	0	/	17.63	/	18.30
		1	50	/	17.58	/	18.30
		1	99	/	17.54	/	18.30
		50	0	/	16.96	/	17.30
		50	25	/	16.93	/	17.30
		50	50	/	16.91	/	17.30
		100	0	/	16.95	/	17.30

LTE Band 41 2496 - 2690 State1/2/3/4				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	19.68	19.76	20.06	20.42	20.26	20.50
		1	13	19.76	19.89	19.9	20.44	20.3	20.50
		1	24	19.92	19.85	20.04	20.18	20.36	20.50
		12	0	19.09	19	19.4	19.29	19.42	19.50
		12	6	19.04	19.11	19.4	19.49	19.29	19.50
		12	13	18.96	19.06	19.22	19.49	19.25	19.50
	16QAM	25	0	18.79	19.13	19.29	19.42	19.27	19.50
		1	0	19.07	19.16	19.22	19.17	19.4	19.50
		1	13	19.25	19.04	19.45	19.42	19.43	19.50
		1	24	19.35	19.19	19.45	19.46	19.23	19.50
		12	0	17.99	17.99	18.48	18.5	18.5	18.50
		12	6	18.08	17.98	18.35	18.49	18.47	18.50
	64QAM	12	13	17.99	18.38	18.47	18.44	18.46	18.50
		25	0	17.95	18.17	18.34	18.44	18.27	18.50
		1	0	17.68	17.96	18.02	18.18	18.46	18.50
		1	13	17.85	17.89	17.97	18.34	18.47	18.50
		1	24	17.61	17.80	18.09	18.22	18.40	18.50
		12	0	17.09	17.12	17.47	17.39	17.39	17.50
10MHz	QPSK	12	6	16.89	17.11	17.41	17.45	17.41	17.50
		12	13	16.97	17.09	17.42	17.27	17.48	17.50
		25	0	16.92	17.24	17.45	17.39	17.33	17.50
	16QAM	1	0	19.6	19.73	20.09	20.47	20.48	20.50
		1	25	19.71	19.82	20.18	20.35	20.48	20.50
		1	49	19.81	19.84	20.11	20.34	20.22	20.50
		25	0	19	19.09	19.4	19.32	19.3	19.50
		25	13	18.79	19.1	19.42	19.43	19.31	19.50
		25	25	18.96	19.06	19.49	19.33	19.35	19.50
	64QAM	50	0	19.16	19.05	19.4	19.47	19.24	19.50
		1	0	19	19.29	19.47	19.26	19.5	19.50
		1	25	19.23	19.1	19.18	19.47	19.47	19.50
		1	49	19.22	19.37	19.37	19.37	19.3	19.50
		25	0	18.01	18.32	18.41	18.46	18.4	18.50
		25	13	18.05	17.98	18.34	18.49	18.36	18.50
	16QAM	25	25	18.05	18.19	18.42	18.23	18.45	18.50
		50	0	17.93	18.27	18.49	18.4	18.15	18.50
	64QAM	1	0	17.66	17.75	18.19	18.41	18.37	18.50
		1	25	17.51	17.94	18.16	18.45	18.45	18.50
		1	49	17.89	17.89	18.11	18.18	18.42	18.50
		25	0	16.90	17.09	17.43	17.47	17.36	17.50
	64QAM	25	13	16.94	17.10	17.46	17.45	17.17	17.50
		25	25	17.10	17.18	17.40	17.25	17.44	17.50
		50	0	16.89	17.20	17.47	17.48	17.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up



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15MHz	QPSK	1	0	19.72	19.77	19.99	20.47	20.26	20.50
		1	38	19.68	19.82	20.1	20.45	20.44	20.50
		1	74	19.88	19.78	20.05	20.19	20.34	20.50
		36	0	18.99	19.17	19.4	19.35	19.33	19.50
		36	18	18.99	19.18	19.45	19.43	19.28	19.50
		36	39	19	19.13	19.44	19.42	19.2	19.50
		75	0	18.94	19.04	19.43	19.49	19.25	19.50
	16QAM	1	0	18.99	19.34	19.29	19.45	19.45	19.50
		1	38	19.09	19.31	19.32	19.48	19.44	19.50
		1	74	19.29	19.28	19.39	19.45	19.34	19.50
		36	0	18.09	18.14	18.46	18.48	18.43	18.50
		36	18	18.09	18.02	18.45	18.42	18.46	18.50
		36	39	17.93	18.18	18.45	18.33	18.41	18.50
		75	0	17.93	18.04	18.35	18.43	18.12	18.50
	64QAM	1	0	17.49	17.79	18.21	18.29	18.46	18.50
		1	38	17.70	17.80	18.22	18.44	18.47	18.50
		1	74	17.74	17.74	18.21	18.17	18.37	18.50
		36	0	16.95	17.24	17.46	17.41	17.44	17.50
		36	18	16.92	17.17	17.47	17.46	17.29	17.50
		36	39	16.98	17.13	17.47	17.43	17.42	17.50
		75	0	17.00	17.22	17.43	17.42	17.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.69	19.78	20.08	20.44	20.3	20.50
		1	50	19.68	19.78	20.08	20.43	20.4	20.50
		1	99	19.78	19.83	20.13	20.25	20.4	20.50
		50	0	18.99	19.07	19.37	19.31	19.35	19.50
		50	25	18.97	19.08	19.38	19.44	19.21	19.50
		50	50	19	19.07	19.37	19.47	19.22	19.50
		100	0	19.04	19.07	19.37	19.49	19.29	19.50
	16QAM	1	0	19.01	19.29	19.39	19.38	19.48	19.50
		1	50	19.08	19.22	19.32	19.49	19.46	19.50
		1	99	19.24	19.23	19.33	19.37	19.35	19.50
		50	0	18.01	18.19	18.49	18.47	18.39	18.50
		50	25	18.02	18.1	18.4	18.46	18.5	18.50
		50	50	18.03	18.17	18.47	18.36	18.47	18.50
		100	0	17.97	18.14	18.44	18.41	18.21	18.50
	64QAM	1	0	17.59	17.84	18.14	18.33	18.47	18.50
		1	50	17.68	17.82	18.12	18.47	18.47	18.50
		1	99	17.82	17.83	18.13	18.25	18.46	18.50
		50	0	16.98	17.17	17.47	17.47	17.42	17.50
		50	25	16.99	17.18	17.48	17.46	17.35	17.50
		50	50	17.01	17.20	17.50	17.41	17.42	17.50
		100	0	17.03	17.20	17.50	17.50	17.45	17.50



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2 Conducted Power of Intra Band LTE Uplink CA

2.1 Conducted Power of Intra Band LTE Uplink CA(Ant 4)

Combination	Modulation	PCC					SCC					State2/4		State1		State3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	23.60	24.00	22.10	22.50	20.88	21.50
CA 7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	23.78	24.00	22.43	22.50	21.16	21.50
CA 7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	23.51	24.00	22.17	22.50	21.29	21.50
CA 7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	23.81	24.00	22.44	22.50	21.05	21.50

Combination	Modulation	PCC					SCC					State1/2/3/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA 38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	23.64	24.00
CA 38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	23.40	24.00
CA 38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	23.51	24.00
CA 38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	23.45	24.00

Combination	Modulation	PCC					SCC					State1/2/4		State3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	23.26	24.00	22.23	23.00
CA 41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	23.61	24.00	22.41	23.00
CA 41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.59	24.00	22.47	23.00
CA 41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.42	24.00	22.51	23.00
CA 41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	23.78	24.00	22.95	23.00
CA 41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.48	24.00	22.22	23.00

Combination	Modulation	PCC					SCC					State2/4		State1		State3	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	23.52	24.00	21.10	21.50	20.17	20.50
CA 66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	23.77	24.00	21.34	21.50	20.32	20.50
CA 66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	23.56	24.00	21.06	21.50	20.11	20.50
CA 66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	23.62	24.00	21.1	21.50	20.24	20.50

2.2 Conducted Power of Intra Band LTE Uplink CA(Ant 5)

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	19.01	20.80	14.10	15.80	18.12	19.80	13.00	14.80
CA 7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	19.52	20.80	14.52	15.80	18.59	19.80	13.45	14.80
CA 7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	19.26	20.80	14.25	15.80	18.28	19.80	13.42	14.80
CA 7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	19.62	20.80	14.65	15.80	18.63	19.80	13.36	14.80

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	20.49	21.80	16.11	17.30	19.49	20.80	15.14	16.30
CA 38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	20.41	21.80	16.01	17.30	19.56	20.80	15.16	16.30
CA 38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	20.68	21.80	16.1	17.30	19.5	20.80	15.1	16.30
CA 38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	20.6	21.80	16.06	17.30	19.44	20.80	14.99	16.30

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	20.23	21.80	16.2	17.80	19.12	20.80	14.8	16.30
CA 41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	20.98	21.80	16.82	17.80	19.82	20.80	15.33	16.30
CA 41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	20.87	21.80	16.7	17.80	19.97	20.80	15.37	16.30
CA 41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	21.04	21.80	17.2	17.80	20.03	20.80	15.6	16.30
CA 41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	21.54	21.80	16.46	17.80	20.53	20.80	15.72	16.30
CA 41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	21.62	21.80	16.85	17.80	20.56	20.80	16.04	16.30

Combination	Modulation	PCC					SCC					State1		State2		State3		State4	
		Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Band	BW (MHz)	UL Channel	UL#	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	22.65	22.80	18.52	18.80	21.59	21.80	17.63	17.80
CA 66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	22.72	22.80	18.66	18.80	21.65	21.80	17.72	17.80
CA 66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	22.6	22.80	18.52	18.80	21.45	21.80	17.66	17.80
CA 66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	22.51	22.80	18.54	18.80	21.41	21.80	17.54	17.80



2.3 Conducted Power of Intra Band LTE Uplink CA(Ant 7)

Combination	Modulation	PCC					SCC					State1/3		State2/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	18.54	20.20	17.52	19.20
CA 7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	18.98	20.20	17.91	19.20
CA 7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	18.72	20.20	17.62	19.20
CA 7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	19.01	20.20	17.92	19.20

Combination	Modulation	PCC					SCC					State1/3		State2/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA 38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	18.94	19.50	17.76	18.50
CA 38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	18.84	19.50	17.85	19.30
CA 38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	18.72	19.50	17.68	18.50
CA 38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	18.82	19.50	17.71	18.50

Combination	Modulation	PCC					SCC					State1/2/3/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA 41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	18.77	19.50
CA 41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	19.26	19.50
CA 41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	19.31	19.50
CA 41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	19.26	19.50
CA 41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	19.24	19.50
CA 41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	19.38	19.50

Combination	Modulation	PCC					SCC					State1/2/3/4	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA 66C	QPSK	66	20	132072	1	99	66	20	132270	1	0	20.22	20.50
CA 66C	QPSK	66	20	132322	1	99	66	20	132520	1	0	20.24	20.50
CA 66C	QPSK	66	20	132322	1	0	66	20	132124	1	99	20.13	20.50
CA 66C	QPSK	66	20	132572	1	0	66	20	132374	1	99	20.12	20.50

3 Conducted Power of NR

3.1 Conducted Power of NR(Ant 0)

N5_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.52	/	25.00
		1	53	/	23.62	/	25.00
		1	104	/	23.55	/	25.00
		50	0	/	22.60	/	24.00
		50	28	/	23.66	/	25.00
		50	56	/	22.55	/	24.00
		100	0	/	22.58	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.49	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	CP-OFDM QPSK	1	1	/	22.01	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	23.51	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	/	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.55	/	23.59	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.51	23.49	23.55	25.00

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N26_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.56	/	25.00
		1	53	/	23.60	/	25.00
		1	104	/	23.54	/	25.00
		50	0	/	22.74	/	24.00
		50	28	/	23.64	/	25.00
		50	56	/	22.61	/	24.00
		100	0	/	22.67	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.59	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	22.01	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.59	/	23.55	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.55	23.51	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.62	23.54	23.49	25.00



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N71_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	23.29	/	24.70
		1	93	/	23.31	/	24.70
		1	186	/	23.15	/	24.70
		90	0	/	22.34	/	23.70
		90	42	/	23.34	/	24.70
		90	90	/	22.30	/	23.70
		180	0	/	22.33	/	23.70
	DFT-s-OFDM 16QAM	1	1	/	22.39	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	136100	/	23.20
				/	21.85	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	136100	/	24.70
				/	23.15	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	136100	/	24.70
				/	23.14	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	136100	/	23.20
				/	23.18	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	134100	/	138100	24.70
				23.17	/	23.21	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	133600	136100	138600	24.70
				23.17	23.15	23.17	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	133100	136100	139100	24.70
				23.21	23.22	23.21	



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3.2 Conducted Power of NR(Ant 1)

N5_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.09	/	24.60
		1	53	/	23.19	/	24.60
		1	104	/	23.12	/	24.60
		50	0	/	22.21	/	23.60
		50	28	/	23.23	/	24.60
		50	56	/	22.19	/	23.60
		100	0	/	22.21	/	23.60
	DFT-s-OFDM 16QAM	1	1	/	22.19	/	23.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	CP-OFDM QPSK	1	1	/	21.74	/	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	23.09	/	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165800	/	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.04	/	23.01	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	23.18	23.10	23.14	24.60

N26_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
				/	831.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.14	/	24.60
		1	53	/	23.19	/	24.60
		1	104	/	23.15	/	24.60
		50	0	/	22.21	/	23.60
		50	28	/	23.23	/	24.60
		50	56	/	22.22	/	23.60
		100	0	/	22.19	/	23.60
	DFT-s-OFDM 16QAM	1	1	/	22.26	/	23.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	166300	/	
20MHz	CP-OFDM QPSK	1	1	/	21.78	/	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	/	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.15	/	23.11	24.60



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Bandwidth	Modulation	RB size	RB offset	Channel 163800	Channel 166300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.05	23.07	23.09	24.60
Bandwidth	Modulation	RB size	RB offset	Channel 163300	Channel 166300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.18	23.12	23.11	24.60

N71_15kHz state1/2/3/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 136100	Channel /	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	22.71	/	24.10
		1	93	/	22.78	/	24.10
		1	186	/	22.59	/	24.10
		90	0	/	21.74	/	23.10
		90	42	/	22.74	/	24.10
		90	90	/	21.74	/	23.10
		180	0	/	21.69	/	23.10
	DFT-s-OFDM 16QAM	1	1	/	21.71	/	23.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 136100	Channel /	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 136100	Channel /	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	22.77	/	24.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 136100	Channel /	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	/	22.79	/	24.10
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 136100	Channel /	Tune up
20MHz	CP-OFDM QPSK	1	1	/	22.71	/	24.10
Bandwidth	Modulation	RB size	RB offset	Channel 134100	Channel /	Channel 138100	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.74	/	22.73	24.10
Bandwidth	Modulation	RB size	RB offset	Channel 133600	Channel 136100	Channel 138600	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.71	22.75	22.71	24.10
Bandwidth	Modulation	RB size	RB offset	Channel 133100	Channel 136100	Channel 139100	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.73	22.74	22.75	24.10



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3.3 Conducted Power of NR(Ant 4)

N2_15kHz State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.12	/	22.70
		1	108	/	21.00	/	22.70
		1	214	/	21.25	/	22.70
		108	0	/	20.14	/	21.70
		108	54	/	21.28	/	22.70
		108	108	/	20.27	/	21.70
		216	0	/	20.30	/	21.70
	DFT-s-OFDM 16QAM	1	1	/	20.15	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.65	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	21.05	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	/	379000	
30MHz	DFT-s-OFDM QPSK	1	1	21.01	/	20.99	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	/	379500	
25MHz	DFT-s-OFDM QPSK	1	1	21.07	/	21.03	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	DFT-s-OFDM QPSK	1	1	21.11	21.07	21.01	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.99	21.04	21.03	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	21.12	21.10	21.08	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	21.11	21.01	21.07	22.70



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N2_15kHz State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.80	/	22.20
		1	108	/	20.62	/	22.20
		1	214	/	20.83	/	22.20
		108	0	/	19.78	/	21.20
		108	54	/	20.91	/	22.20
		108	108	/	19.85	/	21.20
		216	0	/	19.87	/	21.20
	DFT-s-OFDM 16QAM	1	1	/	19.81	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.18	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	20.64	/	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	/	379000	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	/	20.55	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	/	379500	
25MHz	DFT-s-OFDM QPSK	1	1	20.58	/	20.59	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	DFT-s-OFDM QPSK	1	1	20.67	20.60	20.57	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.50	20.63	20.59	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.66	20.64	20.66	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.63	20.54	20.65	22.20



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N2_15kHz State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	1880	/	24.20
		1	108	/	22.69	/	24.20
		1	214	/	22.54	/	24.20
		108	0	/	22.71	/	24.20
		108	54	/	21.70	/	23.20
		108	108	/	22.81	/	24.20
		216	0	/	21.80	/	23.20
	DFT-s-OFDM 16QAM	1	1	/	21.83	/	23.20
		1	1	/	21.76	/	23.20
		1	1	/	21.76	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	376000	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	376000	/	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.60	/	379000	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	372500	/	379500	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	372000	376000	38000	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	371500	376000	380500	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	370500	376000	381500	24.20



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N7 15kHz State1/2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	2535	/	24.70
		1	135	/	23.36	/	24.70
		1	268	/	23.94	/	24.70
		135	0	/	23.68	/	24.70
		135	67	/	22.70	/	23.70
		135	135	/	23.92	/	24.70
		270	0	/	22.86	/	23.70
	DFT-s-OFDM 16QAM	1	1	/	22.78	/	23.70
		1	1	/	22.70	/	23.70
		1	1	/	22.24	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	/	507000	/	23.20
40MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	507000	/	24.70
35MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	503500	/	24.70
30MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	503000	/	24.70
25MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	502500	/	24.70
20MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	502000	/	24.70
15MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	501500	/	24.70
10MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	501000	/	24.70
5MHz	DFT-s-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	500500	/	24.70



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N7_15kHz State 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.37	/	23.70
		1	135	/	22.95	/	23.70
		1	268	/	22.66	/	23.70
		135	0	/	21.70	/	22.70
		135	67	/	22.85	/	23.70
		135	135	/	21.85	/	22.70
		270	0	/	21.76	/	22.70
	DFT-s-OFDM 16QAM	1	1	/	21.76	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	21.23	/	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.88	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	22.79	/	22.81	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.85	/	22.87	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	22.90	/	22.89	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	22.89	22.87	22.92	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	22.91	22.90	22.88	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.88	22.91	22.85	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.91	22.87	22.89	23.70



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N66_15kHz state2/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	349000	/	
				/	1745	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	23.97	/	25.00
		1	108	/	24.13	/	25.00
		1	214	/	24.11	/	25.00
		108	0	/	23.16	/	24.00
		108	54	/	24.21	/	25.00
		108	108	/	23.17	/	24.00
		216	0	/	23.11	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.08	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	CP-OFDM QPSK	1	1	/	22.54	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	24.10	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	/	352500	
35MHz	DFT-s-OFDM QPSK	1	1	24.08	/	24.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	24.10	/	24.06	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	
25MHz	DFT-s-OFDM QPSK	1	1	24.07	/	24.09	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.11	24.10	24.07	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.10	24.12	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.10	24.06	24.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.06	24.06	24.09	25.00



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N66_15kHz state1				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	349000	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	1745	/	22.50
		1	108	/	21.51	/	22.50
		1	214	/	21.63	/	22.50
		108	0	/	21.53	/	22.50
		108	54	/	20.68	/	21.50
		108	108	/	21.70	/	22.50
		216	0	/	20.71	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.63	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
45MHz	CP-OFDM QPSK	1	1	/	349000	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	349000	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	345500	/	352500	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	/	353000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	344500	/	353500	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	342500	349000	355500	22.50



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N66_15kHz state 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	1745	/	22.00
		1	108	/	21.02	/	22.00
		1	214	/	21.08	/	22.00
		108	0	/	21.11	/	22.00
		108	54	/	20.18	/	21.00
		108	108	/	21.19	/	22.00
		108	108	/	20.19	/	21.00
	DFT-s-OFDM 16QAM	216	0	/	20.11	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
45MHz	CP-OFDM QPSK	1	1	/	349000	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	349000	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	345500	/	352500	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	/	353000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	344500	/	353500	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	342500	349000	355500	22.00



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N38_30kHz state2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.15	/	25.00
		1	53	/	24.18	/	25.00
		1	104	/	23.97	/	25.00
		50	0	/	23.17	/	24.00
		50	28	/	24.11	/	25.00
		50	56	/	22.96	/	24.00
		100	0	/	23.13	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	23.02	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	22.62	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	24.17	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	24.23	/	24.17	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.16	/	24.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	24.18	24.18	24.21	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	24.23	24.23	24.23	25.00

N38_30kHz state1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.19	/	24.00
		1	53	/	23.22	/	24.00
		1	104	/	22.92	/	24.00
		50	0	/	22.17	/	23.00
		50	28	/	23.07	/	24.00
		50	56	/	21.99	/	23.00
		100	0	/	22.15	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.04	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	



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40MHz	CP-OFDM QPSK	1	1	/	21.58	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	23.18	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	23.17	/	23.17	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.23	/	23.15	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.17	23.17	23.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.21	23.20	23.22	24.00

N38 30kHz state3				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.67	/	23.50
		1	53	/	22.65	/	23.50
		1	104	/	22.44	/	23.50
		50	0	/	21.71	/	22.50
		50	28	/	22.57	/	23.50
		50	56	/	21.48	/	22.50
		100	0	/	21.61	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.56	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	21.06	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.72	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	22.66	/	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	22.65	/	22.71	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	22.70	22.66	22.70	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.73	22.72	22.72	23.50

N41 PC3 30kHz state 2/4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.85	/	/	25.00
		1	137	/	/	24.10	/	/	25.00
		1	271	/	/	23.91	/	/	25.00
		135	0	/	/	23.05	/	/	24.00
		135	69	/	/	24.09	/	/	25.00
		135	138	/	/	23.11	/	/	24.00
		270	0	/	/	23.07	/	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	/	23.00	/	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	22.62	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	/	/	/	529000	
90MHz	DFT-s-OFDM QPSK	1	1	23.87	/	/	/	23.89	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507200	/	/	/	530000	
80MHz	DFT-s-OFDM QPSK	1	1	23.91	/	/	/	23.92	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506200	/	/	/	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.87	/	/	/	23.86	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.87	/	23.91	/	23.90	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.84	/	23.92	/	23.84	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	23.89	23.92	/	23.92	23.91	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	



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40MHz	DFT-s-OFDM QPSK	1	1	23.92	23.91	/	23.87	23.86	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 502700	Channel 510650	Channel 518598	Channel 526550	Channel 534500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	23.86	23.88	23.90	23.91	23.92	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.87	23.91	23.90	23.89	23.89	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.89	23.85	23.89	23.90	23.90	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.87	23.84	23.90	23.84	23.86	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.88	23.88	23.91	23.90	23.92	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.90	23.90	23.92	23.87	23.92	25.00

N41 PC3 30kHz state 1				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	518598	/	/	23.00
		1	137	/	/	2592.99	/	/	23.00
		1	271	/	/	21.84	/	/	23.00
		135	0	/	/	22.16	/	/	23.00
		135	69	/	/	21.93	/	/	23.00
		135	138	/	/	20.99	/	/	22.00
		270	0	/	/	22.13	/	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	/	21.14	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	21.02	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.91	/	/	/	21.86	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	/	/	/	529000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.84	/	/	/	21.88	23.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506200	/	/	/	531000	
70MHz	DFT-s-OFDM QPSK	1	1	21.92	/	/	/	21.92	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.89	/	21.85	/	21.92	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.89	/	21.88	/	21.90	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	21.87	21.88	/	21.85	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.85	21.86	/	21.89	21.87	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	21.88	21.84	21.88	21.91	21.89	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.87	21.84	21.90	21.90	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501700	510150	518598	527050	535500	
25MHz	DFT-s-OFDM QPSK	1	1	21.87	21.92	21.90	21.86	21.84	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.85	21.88	21.89	21.89	21.85	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	21.84	21.87	21.89	21.85	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	21.84	21.85	21.89	21.85	21.86	23.00

N41 PC3 30kHz state 3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz		1	1	/	/	21.34	/	/	22.50
		1	137	/	/	21.63	/	/	22.50



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	DFT-s-OFDM QPSK	1	271	/	/	21.47	/	/	22.50
		135	0	/	/	20.55	/	/	21.50
		135	69	/	/	21.64	/	/	22.50
		135	138	/	/	20.57	/	/	21.50
		270	0	/	/	20.57	/	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	/	20.51	/	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	20.13	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	/	/	/	529000	
90MHz	DFT-s-OFDM QPSK	1	1	21.35	/	/	/	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507200	/	/	/	530000	
80MHz	DFT-s-OFDM QPSK	1	1	21.42	/	/	/	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506200	/	/	/	531000	
70MHz	DFT-s-OFDM QPSK	1	1	21.40	/	/	/	21.42	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.35	/	21.40	/	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	21.42	/	21.39	/	21.42	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	21.36	21.38	/	21.42	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.36	21.40	/	21.42	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	21.35	21.39	21.40	21.36	21.34	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.36	21.37	21.40	21.41	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501700	510150	518598	527050	535500	
25MHz	DFT-s-OFDM QPSK	1	1	21.36	21.41	21.38	21.35	21.34	22.50



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Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.35	21.37	21.41	21.34	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.39	21.42	21.42	21.37	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.34	21.37	21.37	21.37	21.35	22.50



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3.4 Conducted Power of NR(Ant 5)

N2_15kHz State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.55	/	23.90
		1	108	/	22.43	/	23.90
		1	214	/	22.45	/	23.90
		108	0	/	21.32	/	22.90
		108	54	/	22.37	/	23.90
		108	108	/	21.35	/	22.90
		216	0	/	21.26	/	22.90
	DFT-s-OFDM 16QAM	1	1	/	21.35	/	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.96	/	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	22.59	/	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	/	379000	
30MHz	DFT-s-OFDM QPSK	1	1	22.59	/	22.57	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	/	379500	
25MHz	DFT-s-OFDM QPSK	1	1	22.55	/	22.58	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	DFT-s-OFDM QPSK	1	1	22.53	22.56	22.53	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.57	22.53	22.52	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.58	22.59	22.58	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.57	22.56	22.59	23.90

N2_15kHz State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz		1	1	/	18.60	/	19.90



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	DFT-s-OFDM QPSK	1	108	/	18.45	/	19.90
		1	214	/	18.46	/	19.90
		108	0	/	17.32	/	18.90
		108	54	/	18.44	/	19.90
		108	108	/	17.37	/	18.90
		216	0	/	17.31	/	18.90
	DFT-s-OFDM 16QAM	1	1	/	17.31	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	CP-OFDM QPSK	1	1	/	16.89	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	/	379000	
30MHz	DFT-s-OFDM QPSK	1	1	18.54	/	18.54	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	/	379500	
25MHz	DFT-s-OFDM QPSK	1	1	18.54	/	18.52	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	DFT-s-OFDM QPSK	1	1	18.54	18.55	18.56	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.56	18.58	18.52	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	18.55	18.56	18.59	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	18.60	18.56	18.57	19.90

N2_15kHz State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.55	/	18.90
		1	108	/	17.43	/	18.90
		1	214	/	17.44	/	18.90
		108	0	/	16.27	/	17.90
		108	54	/	17.43	/	18.90
		108	108	/	16.37	/	17.90
		216	0	/	16.27	/	17.90



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	DFT-s-OFDM 16QAM	1	1	/	16.32	/	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	376000	/	17.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	17.52	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.55	/	17.56	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.60	/	17.53	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.60	17.57	17.58	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.59	17.56	17.53	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.53	17.58	17.54	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.52	17.59	17.59	18.90

N7_15kHz State1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.50
		1	135	/	21.58	/	22.50
		1	268	/	21.26	/	22.50
		135	0	/	20.31	/	21.50
		135	67	/	21.54	/	22.50
		135	135	/	20.33	/	21.50
		270	0	/	20.31	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.30	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	/	19.89	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.14	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	21.13	/	21.16	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	21.11	/	21.14	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	21.12	/	21.12	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	21.10	21.09	21.08	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	21.14	21.14	21.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	21.10	21.16	21.15	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.11	21.13	21.13	22.50

N7_15kHz State2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.08	/	18.50
		1	135	/	17.52	/	18.50
		1	268	/	17.23	/	18.50
		135	0	/	16.27	/	17.50
		135	67	/	17.46	/	18.50
		135	135	/	16.33	/	17.50
		270	0	/	16.31	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.30	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	15.90	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	



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40MHz	DFT-s-OFDM QPSK	1	1	/	17.13	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	17.13	/	17.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.08	/	17.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.13	/	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.09	17.16	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.16	17.13	17.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.13	17.10	17.14	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.13	17.09	17.16	18.50

N7_15kHz State3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.13	/	21.50
		1	135	/	20.51	/	21.50
		1	268	/	20.21	/	21.50
		135	0	/	19.25	/	20.50
		135	67	/	20.47	/	21.50
		135	135	/	19.30	/	20.50
		270	0	/	19.24	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.30	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	18.87	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.09	/	21.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	20.09	/	20.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.11	/	20.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.15	/	20.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.15	20.14	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.13	20.09	20.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.16	20.16	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.14	20.08	20.14	21.50

N7_15kHz State4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.11	/	17.50
		1	135	/	16.58	/	17.50
		1	268	/	16.27	/	17.50
		135	0	/	15.23	/	16.50
		135	67	/	16.50	/	17.50
		135	135	/	15.29	/	16.50
		270	0	/	15.25	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.28	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	14.85	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.12	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	



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35MHz	DFT-s-OFDM QPSK	1	1	16.09	/	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel /	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.14	/	16.14	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel /	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.13	/	16.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.16	16.14	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.16	16.09	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.11	16.15	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.12	16.14	16.08	17.50

N66_15kHz state1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 349000	Channel /	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	/	22.40	/	23.40
		1	108	/	22.62	/	23.40
		1	214	/	22.52	/	23.40
		108	0	/	21.56	/	22.40
		108	54	/	22.63	/	23.40
		108	108	/	21.66	/	22.40
		216	0	/	21.61	/	22.40
	DFT-s-OFDM 16QAM	1	1	/	21.57	/	22.40
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 349000	Channel /	Tune up
45MHz	CP-OFDM QPSK	1	1	/	21.07	/	21.90
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 349000	Channel /	Tune up
40MHz	CP-OFDM QPSK	1	1	/	22.36	/	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 345500	Channel /	Channel 352500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	22.37	/	22.41	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.41	/	22.33	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	
25MHz	DFT-s-OFDM QPSK	1	1	22.39	/	22.37	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.36	22.35	22.35	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.37	22.34	22.38	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.37	22.39	22.37	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.37	22.34	22.36	23.40

N66 15kHz state2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	20.40	/	21.40
		1	108	/	20.54	/	21.40
		1	214	/	20.52	/	21.40
		108	0	/	19.59	/	20.40
		108	54	/	20.62	/	21.40
		108	108	/	19.70	/	20.40
		216	0	/	19.58	/	20.40
	DFT-s-OFDM 16QAM	1	1	/	19.54	/	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	CP-OFDM QPSK	1	1	/	19.12	/	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.35	/	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	/	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.36	/	20.34	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.35	/	20.41	21.40



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.36	/	20.33	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.34	20.39	20.37	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.36	20.39	20.39	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.38	20.38	20.39	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.38	20.38	20.33	21.40

N66_15kHz state 3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	21.41	/	22.40
		1	108	/	21.54	/	22.40
		1	214	/	21.53	/	22.40
		108	0	/	20.54	/	21.40
		108	54	/	21.58	/	22.40
		108	108	/	20.65	/	21.40
		216	0	/	20.56	/	21.40
	DFT-s-OFDM 16QAM	1	1	/	20.59	/	21.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	CP-OFDM QPSK	1	1	/	20.06	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	21.40	/	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	/	352500	
35MHz	DFT-s-OFDM QPSK	1	1	21.36	/	21.34	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.35	/	21.37	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	21.40	/	21.38	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.38	21.33	21.39	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.38	21.35	21.38	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.40	21.36	21.35	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.37	21.34	21.39	22.40

N66 15kHz state 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	/	349000	/	19.90
		1	108	/	1745	/	19.90
		1	214	/	18.88	/	19.90
		108	0	/	19.09	/	19.90
		108	54	/	19.02	/	18.90
		108	108	/	18.08	/	19.90
		216	0	/	19.07	/	18.90
		1	1	/	18.15	/	18.90
	DFT-s-OFDM 16QAM	1	1	/	18.12	/	18.90
		1	1	/	18.05	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
45MHz	CP-OFDM QPSK	1	1	/	349000	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	349000	/	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	18.83	/	18.85	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel /	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.85	/	18.86	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel /	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.86	/	18.89	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.89	18.91	18.90	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.90	18.83	18.89	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.85	18.90	18.89	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.86	18.83	18.88	19.90

N38_30kHz state1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
		1	1	/	19.42	/	20.30
		1	53	/	19.48	/	20.30
		1	104	/	19.43	/	20.30
		50	0	/	18.44	/	19.30
		50	28	/	19.49	/	20.30
		50	56	/	18.48	/	19.30
		100	0	/	18.43	/	19.30
	DFT-s-OFDM 16QAM	1	1	/	18.30	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	17.88	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.45	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	19.39	/	19.42	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.42	/	19.44	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.38	19.41	19.41	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	



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10MHz	DFT-s-OFDM QPSK	1	1	19.44	19.41	19.39	20.30
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N38 30kHz state2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.89	/	16.80
		1	53	/	16.02	/	16.80
		1	104	/	15.91	/	16.80
		50	0	/	14.94	/	15.80
		50	28	/	16.00	/	16.80
		50	56	/	14.95	/	15.80
		100	0	/	14.90	/	15.80
	DFT-s-OFDM 16QAM	1	1	/	14.75	/	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	14.41	/	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	15.90	/	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	15.87	/	15.94	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.90	/	15.90	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.87	15.93	15.89	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.95	15.93	15.92	16.80

N38 30kHz state2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.90	/	19.80
		1	53	/	19.04	/	19.80
		1	104	/	18.96	/	19.80
		50	0	/	17.91	/	18.80
		50	28	/	19.06	/	19.80
		50	56	/	17.94	/	18.80
		100	0	/	17.91	/	18.80



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	DFT-s-OFDM 16QAM	1	1	/	17.82	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	519000	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.88	/	521500	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.89	/	522000	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.95	18.91	18.91	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.90	18.89	18.94	19.80

N38 30kHz state2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.94	/	15.80
		1	53	/	14.97	/	15.80
		1	104	/	14.96	/	15.80
		50	0	/	13.92	/	14.80
		50	28	/	14.99	/	15.80
		50	56	/	13.98	/	14.80
		100	0	/	13.90	/	14.80
	DFT-s-OFDM 16QAM	1	1	/	13.75	/	14.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	519000	/	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	516500	/	521500	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				14.89	/	14.89	15.80



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				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	14.88	/	14.93	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	14.88	14.90	14.87	15.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	14.87	14.92	14.91	15.80

N41 PC3 30kHz state 1				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.01	/	/
		1	137	/	/	19.47	/	/
		1	271	/	/	19.80	/	/
		135	0	/	/	18.15	/	/
		135	69	/	/	19.44	/	/
		135	138	/	/	18.73	/	/
		270	0	/	/	18.39	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	18.43	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	18.03	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				508200	/	/	/	529000
90MHz	DFT-s-OFDM QPSK	1	1	19.45	/	/	/	19.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				507200	/	/	/	530000
80MHz	DFT-s-OFDM QPSK	1	1	19.47	/	/	/	19.45
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				506200	/	/	/	531000
70MHz	DFT-s-OFDM QPSK	1	1	19.46	/	/	/	19.44
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				505200	/	518598	/	531996
60MHz	DFT-s-OFDM QPSK	1	1	19.46	/	19.40	/	19.43
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				504204	/	518598	/	532998
50MHz	DFT-s-OFDM QPSK	1	1	19.41	/	19.41	/	19.41
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				503700	511150	/	526050	533500



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45MHz	DFT-s-OFDM QPSK	1	1	19.41	19.44	/	19.41	19.41	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel /	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.47	19.44	/	19.46	19.45	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 502700	Channel 510650	Channel 518598	Channel 526550	Channel 534500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	19.43	19.40	19.41	19.46	19.42	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.45	19.46	19.40	19.46	19.40	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.47	19.41	19.46	19.47	19.44	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.39	19.46	19.45	19.43	19.44	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.44	19.45	19.46	19.45	19.47	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.45	19.45	19.43	19.46	19.46	20.30

N41 PC3_30kHz state 2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	15.95	/	/	17.30
		1	137	/	/	16.42	/	/	17.30
		1	271	/	/	16.76	/	/	17.30
		135	0	/	/	15.16	/	/	16.30
		135	69	/	/	16.64	/	/	17.30
		135	138	/	/	15.67	/	/	16.30
		270	0	/	/	15.42	/	/	16.30
	DFT-s-OFDM 16QAM	1	1	/	/	15.48	/	/	16.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 518598	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	15.08	/	/	15.80
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel /	Channel /	Channel /	Channel 529000	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.46	/	/	/	16.43	17.30



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507200	/	/	/	530000	
80MHz	DFT-s-OFDM QPSK	1	1	16.42	/	/	/	16.42	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506200	/	/	/	531000	
70MHz	DFT-s-OFDM QPSK	1	1	16.43	/	/	/	16.46	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.42	/	16.45	/	16.43	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.44	/	16.41	/	16.42	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	16.47	16.40	/	16.41	16.45	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.44	16.40	/	16.43	16.44	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	16.46	16.46	16.40	16.41	16.41	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.47	16.42	16.42	16.39	16.45	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501700	510150	518598	527050	535500	
25MHz	DFT-s-OFDM QPSK	1	1	16.45	16.42	16.40	16.45	16.44	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.42	16.41	16.43	16.45	16.40	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	16.40	16.39	16.43	16.43	16.42	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.44	16.47	16.41	16.39	16.45	17.30



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N41 PC3_30kHz state 3				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	18.49	/	/	19.80
		1	137	/	/	18.92	/	/	19.80
		1	271	/	/	19.29	/	/	19.80
		135	0	/	/	17.66	/	/	18.80
		135	69	/	/	18.91	/	/	19.80
		135	138	/	/	18.23	/	/	18.80
		270	0	/	/	17.89	/	/	18.80
	DFT-s-OFDM 16QAM	1	1	/	/	17.97	/	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	17.59	/	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	/	/	/	529000	
90MHz	DFT-s-OFDM QPSK	1	1	18.96	/	/	/	18.89	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507200	/	/	/	530000	
80MHz	DFT-s-OFDM QPSK	1	1	18.93	/	/	/	18.90	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506200	/	/	/	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.94	/	/	/	18.95	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.96	/	18.91	/	18.93	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.95	/	18.94	/	18.91	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	18.96	18.89	/	18.96	18.97	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.90	18.92	/	18.97	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	18.89	18.95	18.95	18.91	18.92	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



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30MHz	DFT-s-OFDM QPSK	1	1	18.92	18.89	18.93	18.95	18.95	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.90	18.92	18.94	18.91	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.92	18.91	18.94	18.94	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.89	18.89	18.91	18.96	18.92	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.92	18.96	18.93	18.92	18.90	19.80

N41 PC3 30kHz state 4				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	518598	/	/	18.30
		1	137	/	/	2592.99	/	/	18.30
		1	271	/	/	17.01	/	/	18.30
		135	0	/	/	17.46	/	/	18.30
		135	69	/	/	17.84	/	/	18.30
		135	138	/	/	16.19	/	/	17.30
		270	0	/	/	17.46	/	/	18.30
	DFT-s-OFDM 16QAM	1	1	/	/	16.67	/	/	17.30
		1	1	/	/	16.41	/	/	17.30
		1	1	/	/	16.49	/	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	518598	/	/	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	/	/	/	529000	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507200	/	/	/	530000	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506200	/	/	/	531000	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	/	518598	/	531996	



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60MHz	DFT-s-OFDM QPSK	1	1	17.39	/	17.45	/	17.44	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel /	Channel 518598	Channel /	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.40	/	17.39	/	17.45	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 503700	Channel 511150	Channel /	Channel 526050	Channel 533500	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	17.43	17.44	/	17.47	17.42	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel /	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.46	17.41	/	17.46	17.45	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 502700	Channel 510650	Channel 518598	Channel 526550	Channel 534500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	17.45	17.39	17.40	17.44	17.40	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.39	17.45	17.47	17.39	17.47	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.45	17.43	17.46	17.40	17.46	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.43	17.45	17.47	17.47	17.44	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.42	17.39	17.40	17.42	17.41	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.47	17.47	17.47	17.45	17.43	18.30



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3.5 Conducted Power of NR(Ant 7)

N2 15kHz State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
				/	1880	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.56	/	20.70
		1	108	/	19.61	/	20.70
		1	214	/	19.82	/	20.70
		108	0	/	18.86	/	19.70
		108	54	/	19.78	/	20.70
		108	108	/	19.02	/	19.70
		216	0	/	18.84	/	19.70
	DFT-s-OFDM 16QAM	1	1	/	18.71	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	CP-OFDM QPSK	1	1	/	18.25	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
35MHz	DFT-s-OFDM QPSK	1	1	/	19.56	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	/	379000	
30MHz	DFT-s-OFDM QPSK	1	1	19.56	/	19.56	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	/	379500	
25MHz	DFT-s-OFDM QPSK	1	1	19.61	/	19.58	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	DFT-s-OFDM QPSK	1	1	19.58	19.54	19.54	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	19.60	19.58	19.61	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	19.56	19.56	19.54	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	19.56	19.58	19.56	20.70



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N2_15kHz State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	376000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.56	/	19.70
		1	108	/	18.62	/	19.70
		1	214	/	18.78	/	19.70
		108	0	/	17.82	/	18.70
		108	54	/	18.72	/	19.70
		108	108	/	18.03	/	18.70
		216	0	/	17.81	/	18.70
	DFT-s-OFDM 16QAM	1	1	/	17.72	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	17.26	/	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	/	18.61	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.54	/	18.53	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.61	/	18.58	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.60	18.53	18.53	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.55	18.53	18.55	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.54	18.56	18.59	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.53	18.58	18.54	19.70



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N7_15kHz State1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.63	/	20.20
		1	135	/	18.92	/	20.20
		1	268	/	18.73	/	20.20
		135	0	/	17.77	/	19.20
		135	67	/	18.99	/	20.20
		135	135	/	17.79	/	19.20
		270	0	/	17.72	/	19.20
	DFT-s-OFDM 16QAM	1	1	/	17.79	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	17.32	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.56	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	18.61	/	18.58	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	/	18.57	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.57	/	18.60	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.55	18.61	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.61	18.61	18.61	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.61	18.56	18.61	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.55	18.55	18.62	20.20



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N7_15kHz State2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
				/	2535	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.60	/	19.20
		1	135	/	17.91	/	19.20
		1	268	/	17.71	/	19.20
		135	0	/	16.73	/	18.20
		135	67	/	18.01	/	19.20
		135	135	/	16.73	/	18.20
		270	0	/	16.71	/	18.20
	DFT-s-OFDM 16QAM	1	1	/	16.76	/	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
50MHz	CP-OFDM QPSK	1	1	/	16.32	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	507000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.62	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	/	510500	
35MHz	DFT-s-OFDM QPSK	1	1	17.60	/	17.63	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	/	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.60	/	17.62	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	/	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.55	/	17.55	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.55	17.55	17.63	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.59	17.57	17.61	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.55	17.61	17.57	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.63	17.61	17.59	19.20



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
				/	1745	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	20.48	/	21.70
		1	108	/	20.65	/	21.70
		1	214	/	20.48	/	21.70
		108	0	/	19.61	/	20.70
		108	54	/	20.64	/	21.70
		108	108	/	19.67	/	20.70
		216	0	/	19.68	/	20.70
	DFT-s-OFDM 16QAM	1	1	/	19.74	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.46	/	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	/	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.49	/	20.47	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.49	/	20.52	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.45	/	20.49	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.46	20.49	20.52	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.44	20.49	20.45	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.51	20.52	20.47	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.44	20.44	20.46	21.70



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N66_15kHz state2/4				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	349000	/	
				/	1745	/	
45MHz	DFT-s-OFDM QPSK	1	1	/	19.50	/	20.70
		1	108	/	19.64	/	20.70
		1	214	/	19.40	/	20.70
		108	0	/	18.65	/	19.70
		108	54	/	19.63	/	20.70
		108	108	/	18.64	/	19.70
		216	0	/	18.68	/	19.70
	DFT-s-OFDM 16QAM	1	1	/	18.66	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
45MHz	CP-OFDM QPSK	1	1	/	18.25	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	349000	/	
40MHz	CP-OFDM QPSK	1	1	/	19.44	/	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	/	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.49	/	19.44	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	/	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.44	/	19.51	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	/	353500	
25MHz	DFT-s-OFDM QPSK	1	1	19.50	/	19.44	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.48	19.50	19.48	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.44	19.46	19.51	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.46	19.50	19.47	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.50	19.49	19.46	20.70



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N38_30kHz state1/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.20	/	20.50
		1	53	/	19.47	/	20.50
		1	104	/	19.34	/	20.50
		50	0	/	18.30	/	19.50
		50	28	/	19.36	/	20.50
		50	56	/	18.25	/	19.50
		100	0	/	18.36	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.28	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	17.84	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.25	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	19.25	/	19.27	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.22	/	19.27	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.20	19.27	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.24	19.23	19.20	20.50

N38_30kHz state2/4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.24	/	19.50
		1	53	/	18.47	/	19.50
		1	104	/	18.38	/	19.50
		50	0	/	17.28	/	18.50
		50	28	/	18.33	/	19.50
		50	56	/	17.29	/	18.50
		100	0	/	17.31	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.20	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	



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40MHz	CP-OFDM QPSK	1	1	/	16.90	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	18.28	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	/	521500	
25MHz	DFT-s-OFDM QPSK	1	1	18.26	/	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	/	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.21	/	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.26	18.28	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.28	18.28	18.21	19.50

N41 PC3 30kHz state 1/3				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	18.97	/	/
		1	137	/	/	19.33	/	/
		1	271	/	/	19.78	/	/
		135	0	/	/	17.98	/	/
		135	69	/	/	19.36	/	/
		135	138	/	/	18.56	/	/
		270	0	/	/	18.53	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	18.61	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	18.06	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				508200	/	/	/	529000
90MHz	DFT-s-OFDM QPSK	1	1	18.96	/	/	/	18.95
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				507200	/	/	/	530000
80MHz	DFT-s-OFDM QPSK	1	1	18.93	/	/	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				506200	/	/	/	531000
70MHz	DFT-s-OFDM QPSK	1	1	18.92	/	/	/	18.94
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel



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				505200	/	518598	/	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.96	/	18.90	/	18.94	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	/	518598	/	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.93	/	18.93	/	18.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503700	511150	/	526050	533500	
45MHz	DFT-s-OFDM QPSK	1	1	18.90	18.93	/	18.93	18.95	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	/	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.95	18.90	/	18.89	18.90	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502700	510650	518598	526550	534500	
35MHz	DFT-s-OFDM QPSK	1	1	18.96	18.92	18.93	18.89	18.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.93	18.89	18.96	18.91	18.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501700	510150	518598	527050	535500	
25MHz	DFT-s-OFDM QPSK	1	1	18.92	18.90	18.95	18.93	18.91	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.93	18.96	18.96	18.96	18.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	18.90	18.97	18.91	18.95	18.90	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	18.89	18.89	18.96	18.91	18.95	20.50

N41 PC3 30kHz state 2				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	17.39	/	/	19.00
		1	137	/	/	17.83	/	/	19.00
		1	271	/	/	18.28	/	/	19.00
		135	0	/	/	16.43	/	/	18.00
		135	69	/	/	17.91	/	/	19.00
		135	138	/	/	17.07	/	/	18.00
		270	0	/	/	17.08	/	/	18.00



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	DFT-s-OFDM 16QAM	1	1	/	/	17.07	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	518598	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.46	/	/	/	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.41	/	/	/	17.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.47	/	/	/	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.43	/	17.44	/	17.44	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.39	/	17.47	/	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	17.43	17.39	/	17.40	17.39	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.45	17.45	/	17.41	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	17.39	17.41	17.41	17.42	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.42	17.42	17.43	17.42	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.46	17.44	17.45	17.42	17.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.40	17.44	17.47	17.41	17.45	19.00



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Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.45	17.41	17.41	17.47	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.43	17.44	17.39	17.39	17.45	19.00

N41 PC3_30kHz state 4				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	518598	/	/	17.50
		1	137	/	/	2592.99	/	/	17.50
		1	271	/	/	15.95	/	/	17.50
		135	0	/	/	16.33	/	/	17.50
		135	69	/	/	16.77	/	/	16.50
		135	138	/	/	14.96	/	/	17.50
		270	0	/	/	16.36	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	15.54	/	/	16.50
100MHz	CP-OFDM QPSK	1	1	/	/	15.60	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	518598	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel /	Channel /	Channel /	Channel 529000	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.90	/	/	/	15.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 507200	Channel /	Channel /	Channel /	Channel 530000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.89	/	/	/	15.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 506200	Channel /	Channel /	Channel /	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.90	/	/	/	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel /	Channel 518598	Channel /	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.95	/	15.92	/	15.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel /	Channel 518598	Channel /	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.91	/	15.94	/	15.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 503700	Channel 511150	Channel /	Channel 526050	Channel 533500	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	15.94	15.97	/	15.91	15.92	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel /	Channel 526302	Channel 534000	Tune up



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40MHz	DFT-s-OFDM QPSK	1	1	15.90	15.90	/	15.96	15.95	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 502700	Channel 510650	Channel 518598	Channel 526550	Channel 534500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	15.97	15.91	15.90	15.93	15.92	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.89	15.94	15.89	15.90	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501700	Channel 510150	Channel 518598	Channel 527050	Channel 535500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	15.92	15.90	15.91	15.94	15.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.96	15.93	15.93	15.97	15.92	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.97	15.90	15.92	15.89	15.91	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.91	15.91	15.89	15.96	15.94	17.50



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4 Conducted Power of WIFI and Bluetooth

4.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant9 Rec on Standalone& Simultaneous transmission						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11b	1	2412	1	15.12	16.00	15.00
	6	2437		14.87	16.00	15.00
	11	2462		15.02	16.00	15.00
802.11g	1	2412	6	10.17	11.00	10.00
	2	2417		10.12	11.00	10.00
	6	2437		9.80	11.00	10.00
	9	2452		9.95	11.00	10.00
	10	2457		9.33	11.00	10.00
	11	2462		10.04	11.00	10.00
802.11n HT20	1	2412	6.5	10.85	11.50	10.50
	2	2417		10.42	11.50	10.50
	6	2437		10.40	11.50	10.50
	8	2447		10.74	11.50	10.50
	9	2452		10.58	11.50	10.50
	10	2457		10.65	11.50	10.50
	11	2462		10.76	11.50	10.50
802.11n HT40	3	2422	13.5	8.80	9.50	8.50
	5	2432		8.42	9.50	8.50
	6	2437		8.34	9.50	8.50
	7	2442		8.71	9.50	8.50
	8	2447		8.11	9.50	8.50
	9	2452		8.72	9.50	8.50
802.11ac VHT20	1	2412	MCS0	10.76	11.50	10.50
	2	2417		10.38	11.50	10.50
	6	2437		10.38	11.50	10.50
	8	2447		10.61	11.50	10.50
	9	2452		10.65	11.50	10.50
	10	2457		10.63	11.50	10.50
	11	2462		10.65	11.50	10.50
	3	2422	MCS0	8.60	9.50	8.50



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802.11ac VHT40	4	2427		8.42	9.50	8.50
	5	2432		8.42	9.50	8.50
	6	2437		8.47	9.50	8.50
	7	2442		8.71	9.50	8.50
	8	2447		8.11	9.50	8.50
	9	2452		8.87	9.50	8.50
802.11ax HE20	1	2412	MCS0	10.76	11.50	10.50
	2	2417		10.38	11.50	10.50
	6	2437		10.38	11.50	10.50
	8	2447		10.61	11.50	10.50
	9	2452		10.65	11.50	10.50
	10	2457		10.63	11.50	10.50
802.11ax HE40	3	2422	MCS0	7.24	8.00	7.00
	4	2427		7.02	8.00	7.00
	5	2432		7.38	8.00	7.00
	6	2437		7.02	8.00	7.00
	7	2442		7.38	8.00	7.00
	8	2437		7.02	8.00	7.00
	9	2452		7.38	8.00	7.00

WIFI 2.4G Ant9 Rec off Standalone

Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11b	1	2412	1	17.14	18.00	17.00
	6	2437		16.85	18.00	17.00
	11	2462		17.13	18.00	17.00
802.11g	1	2412	6	10.26	11.00	10.00
	2	2417		16.78	18.00	17.00
	6	2437		16.71	18.00	17.00
	9	2452		16.96	18.00	17.00
	10	2457		11.00	12.00	11.00
	11	2462		8.70	9.50	8.50
802.11n HT20	1	2412	6.5	10.97	11.50	10.50
	2	2417		14.99	16.00	15.00
	6	2437		14.91	16.00	15.00
	8	2447		15.31	16.00	15.00
	9	2452		12.08	13.00	12.00



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	10	2457		10.11	11.00	10.00
	11	2462		7.24	8.00	7.00
802.11n HT40	3	2422	13.5	15.15	16.00	15.00
	5	2432		14.95	16.00	15.00
	6	2437		9.77	11.00	10.00
	7	2442		8.22	9.00	8.00
	8	2447		7.17	8.00	7.00
	9	2452		5.75	6.50	5.50
802.11ac VHT20	1	2412	MCS0	10.77	11.50	10.50
	2	2417		14.94	16.00	15.00
	6	2437		14.82	16.00	15.00
	8	2447		15.24	16.00	15.00
	9	2452		12.15	13.00	12.00
	10	2457		10.03	11.00	10.00
	11	2462		7.66	8.50	7.50
802.11n HT40	3	2422	MCS0	8.90	9.50	8.50
	4	2427		14.81	16.00	15.00
	5	2432		14.91	16.00	15.00
	6	2437		9.73	11.00	10.00
	7	2442		7.15	8.00	7.00
	8	2447		6.66	7.50	6.50
	9	2452		5.60	6.50	5.50
802.11ac VHT20	1	2412	MCS0	9.64	10.50	9.50
	2	2417		14.92	16.00	15.00
	6	2437		14.85	16.00	15.00
	8	2447		15.05	16.00	15.00
	9	2452		11.54	12.50	11.50
	10	2457		9.57	10.50	9.50
	11	2462		7.12	8.00	7.00
802.11ax HE40	3	2422	MCS0	15.19	16.00	15.00
	4	2427		15.02	16.00	15.00
	5	2432		10.73	11.50	10.50
	6	2437		9.51	10.50	9.50
	7	2442		7.31	8.00	7.00
	6	2437		6.54	7.50	6.50
	9	2452		5.89	6.50	5.50



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WIFI 2.4G Ant9 Rec off Simultaneous transmission						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	Power setting
802.11b	1	2412	1	15.15	16.00	15.00
	6	2437		14.82	16.00	15.00
	11	2462		15.14	16.00	15.00
802.11g	1	2412	6	10.05	11.00	10.00
	2	2417		14.80	16.00	15.00
	6	2437		14.94	16.00	15.00
	9	2452		15.16	16.00	15.00
	10	2457		11.01	12.00	11.00
	11	2462		8.53	9.50	8.50
802.11n HT20	1	2412	6.5	10.81	11.50	10.50
	2	2417		14.74	16.00	15.00
	6	2437		15.00	16.00	15.00
	8	2447		15.36	16.00	15.00
	9	2452		12.41	13.00	12.00
	10	2457		10.31	11.00	10.00
	11	2462		7.40	8.00	7.00
802.11n HT40	3	2422	13.5	15.14	16.00	15.00
	5	2432		14.96	16.00	15.00
	6	2437		9.80	11.00	10.00
	7	2442		8.14	9.00	8.00
	8	2447		7.07	8.00	7.00
	9	2452		5.83	6.50	5.50
802.11ac VHT20	1	2412	MCS0	10.73	11.50	10.50
	2	2417		14.79	16.00	15.00
	6	2437		14.73	16.00	15.00
	8	2447		15.08	16.00	15.00
	9	2452		12.17	13.00	12.00
	10	2457		10.23	11.00	10.00
	11	2462		7.84	8.50	7.50
802.11n HT40	3	2422	MCS0	8.79	9.50	8.50
	4	2427		14.76	16.00	15.00
	5	2432		14.84	16.00	15.00
	6	2437		9.84	11.00	10.00
	7	2442		7.34	8.00	7.00
	8	2447		6.65	7.50	6.50



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	9	2452		5.79	6.50	5.50
802.11ac VHT20	1	2412	MCS0	9.65	10.50	9.50
	2	2417		14.72	16.00	15.00
	6	2437		14.86	16.00	15.00
	8	2447		15.28	16.00	15.00
	9	2452		11.79	12.50	11.50
	10	2457		9.60	10.50	9.50
	11	2462		7.31	8.00	7.00
802.11ax HE40	3	2422	MCS0	15.22	16.00	15.00
	4	2427		15.01	16.00	15.00
	5	2432		10.91	11.50	10.50
	6	2437		9.36	10.50	9.50
	7	2442		7.54	8.00	7.00
	6	2437		6.53	7.50	6.50
	9	2452		5.87	6.50	5.50



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WIFI 2.4G Ant9 Rec off WIFI 2.4G+WWAN Rec off WIFI 2.4G+WWAN+BT Rec off WIFI 2.4G+WIFI 5G+WWAN Rec off WIFI 2.4G+WIFI 5G+WWAN+BT					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.11	19.00
	6	2437		17.82	19.00
	11	2462		18.11	19.00
802.11g	1	2412	6	17.12	18.00
	6	2437		16.67	18.00
	11	2462		17.02	18.00
802.11n HT20	1	2412	6.5	15.29	16.00
	6	2437		14.78	16.00
	11	2462		15.16	16.00
802.11n HT40	3	2422	13.5	14.17	15.00
	6	2437		13.75	15.00
	9	2452		14.23	15.00
802.11ac VHT20	1	2412	MCS0	16.24	17.00
	6	2437		15.88	17.00
	11	2462		16.16	17.00
802.11ac VHT40	3	2422	MCS0	15.12	16.00
	6	2437		14.94	16.00
	9	2452		15.25	16.00
802.11ax HE20	1	2412	MCS0	16.80	17.50
	6	2437		16.38	17.50
	11	2462		16.62	17.50
802.11ax HE40	3	2422	MCS0	15.62	16.50
	6	2437		15.52	16.50
	9	2452		15.78	16.50



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WIFI 2.4G Ant9 Rec on Standalone Rec on WIFI 2.4G+BT Rec on WIFI 2.4G+WWAN Rec on WIFI 2.4G+WIFI5G+BT Rec on WIFI 2.4G+WIFI5G+WWAN Rec on WIFI 2.4G+WIFI5G+WWAN+BT					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.12	16.00
	6	2437		14.87	16.00
	11	2462		15.02	16.00
802.11g	1	2412	6	14.11	15.00
	6	2437		13.72	15.00
	11	2462		14.05	15.00
802.11n HT20	1	2412	6.5	12.33	13.00
	6	2437		11.80	13.00
	11	2462		12.15	13.00
802.11n HT40	3	2422	13.5	11.27	12.00
	6	2437		10.81	12.00
	9	2452		11.15	12.00
802.11ac VHT20	1	2412	MCS0	13.21	14.00
	6	2437		12.80	14.00
	11	2462		13.13	14.00
802.11ac VHT40	3	2422	MCS0	12.02	13.00
	6	2437		11.86	13.00
	9	2452		12.30	13.00
802.11ax HE20	1	2412	MCS0	13.83	14.50
	6	2437		13.37	14.50
	11	2462		13.68	14.50
802.11ax HE40	3	2422	MCS0	12.63	13.50
	6	2437		12.48	13.50
	9	2452		12.74	13.50



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4.2 Conducted Power of 5G WIFI

WIFI 5G Ant9					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.33	19.50
		40	5200	18.40	19.50
		44	5220	18.57	19.50
		48	5240	18.46	19.50
	802.11n HT20	36	5180	18.24	19.50
		40	5200	18.32	19.50
		44	5220	18.36	19.50
		48	5240	18.43	19.50
	802.11n HT40	38	5190	17.46	18.50
		46	5230	17.51	18.50
	802.11ac VHT20	36	5180	18.21	19.50
		40	5200	18.48	19.50
		44	5220	18.57	19.50
		48	5240	18.47	19.50
	802.11ac VHT40	38	5190	17.37	18.50
		46	5230	17.54	18.50
	802.11ac VHT80	42	5210	16.46	18.00
		802.11ax HE20	36	5180	18.49
	40		5200	18.52	19.50
	44		5220	18.44	19.50
	48		5240	18.51	19.50
	802.11ax HE40	38	5190	18.52	19.50
		46	5230	18.61	19.50
	802.11ax HE80	42	5210	16.61	17.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.06	19.50
		56	5280	18.11	19.50
		60	5300	18.06	19.50
		64	5320	18.15	19.50
	802.11n HT20	52	5260	18.05	19.50
		56	5280	18.03	19.50
		60	5300	18.34	19.50
		64	5320	18.07	19.50
	802.11n HT40	54	5270	17.10	18.50
		62	5310	17.13	18.50
	802.11ac VHT20	52	5260	18.10	19.50
		56	5280	18.21	19.50
		60	5300	18.09	19.50
		64	5320	18.31	19.50
	802.11ac VHT40	54	5270	17.09	18.50
		62	5310	17.12	18.50
	802.11ac VHT80	58	5290	16.24	18.00
		802.11ax HE20	52	5260	18.12
	56		5280	18.21	19.50
	60		5300	18.12	19.50
	64		5320	18.17	19.50
	802.11ax HE40	54	5270	18.19	19.50
		62	5310	18.12	19.50
	802.11ax HE80	58	5290	16.10	17.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	18.06	19.50



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		104	5520	18.03	19.50
		108	5540	18.41	19.50
		112	5560	18.43	19.50
		116	5580	18.44	19.50
		120	5600	18.42	19.50
		124	5620	18.36	19.50
		128	5640	18.33	19.50
		132	5660	19.04	19.50
		136	5680	19.03	19.50
		140	5700	18.85	19.50
	802.11n HT20	100	5500	18.07	19.50
		104	5520	18.06	19.50
		108	5540	18.18	19.50
		112	5560	18.10	19.50
		116	5580	18.60	19.50
		120	5600	18.45	19.50
		124	5620	18.49	19.50
		128	5640	18.35	19.50
		132	5660	18.65	19.50
		136	5680	18.66	19.50
	802.11n HT40	102	5510	17.17	18.50
		110	5550	17.10	18.50
		118	5590	17.35	18.50
		126	5630	17.32	18.50
		134	5670	17.73	18.50
	802.11ac VHT20	100	5500	18.01	19.50
		104	5520	18.10	19.50
		108	5540	18.13	19.50
		112	5560	18.21	19.50
		116	5580	18.33	19.50
		120	5600	18.32	19.50
		124	5620	18.14	19.50
		128	5640	18.12	19.50
		132	5660	18.77	19.50
		136	5680	18.75	19.50
	802.11ac VHT40	102	5510	17.15	18.50
		110	5550	17.10	18.50
		118	5590	17.37	18.50
		126	5630	18.32	18.50
		134	5670	17.74	18.50
	802.11ac VHT80	106	5530	16.27	18.00
		122	5610	16.56	18.00
	802.11ax HE20	100	5500	18.10	19.50
		104	5520	18.21	19.50
		108	5540	18.36	19.50
		112	5560	18.31	19.50
		116	5580	18.47	19.50
		120	5600	18.40	19.50
		124	5620	18.37	19.50
		128	5640	18.42	19.50
		132	5660	18.71	19.50
		136	5680	18.66	19.50
	802.11ax HE40	102	5510	18.24	19.50
		110	5550	18.33	19.50
		118	5590	18.44	19.50
		126	5630	18.62	19.50
		134	5670	18.85	19.50
	802.11ax	106	5530	16.14	17.50



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	HE80	122	5610	16.07	17.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	18.71	19.50
		153	5765	18.65	19.50
		157	5785	18.85	19.50
		161	5805	18.88	19.50
		165	5825	18.91	19.50
	802.11n HT20	149	5745	18.78	19.50
		153	5765	18.70	19.50
		157	5785	18.74	19.50
		161	5805	18.69	19.50
	802.11n HT40	151	5755	17.82	18.50
		159	5795	17.83	18.50
	802.11ac VHT20	149	5745	18.71	19.50
		153	5765	18.66	19.50
		157	5785	18.80	19.50
		161	5805	18.75	19.50
	802.11ac VHT40	151	5755	17.81	18.50
		159	5795	17.83	18.50
	802.11ac VHT80	155	5775	17.41	18.00
		155	5775	17.41	18.00
	802.11ax HE20	149	5745	18.93	19.50
		153	5765	18.86	19.50
		157	5785	18.96	19.50
		161	5805	18.88	19.50
		165	5825	18.82	19.50
	802.11ax HE40	151	5755	19.01	19.50
		159	5795	18.82	19.50
	802.11ax HE80	155	5775	16.92	17.50

WIFI 5G Ant9 Rec off Standalone Rec off WIFI 5G+BT Rec off WIFI 2.4G+WIFI 5G Rec off WIFI 2.4G+WIFI 5G+BT					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.31	17.50
		40	5200	16.38	17.50
		44	5220	16.56	17.50
		48	5240	16.46	17.50
	802.11n HT20	36	5180	16.22	17.50
		40	5200	16.30	17.50
		44	5220	16.41	17.50
		48	5240	16.45	17.50
	802.11n HT40	38	5190	15.45	16.50
		46	5230	15.45	16.50
	802.11ac VHT20	36	5180	16.25	17.50
		40	5200	16.42	17.50
		44	5220	16.62	17.50
		48	5240	16.46	17.50
	802.11ac VHT40	38	5190	15.42	16.50
		46	5230	15.57	16.50
	802.11ac VHT80	42	5210	14.48	16.00
	802.11ax HE20	36	5180	16.55	17.50
		40	5200	16.50	17.50



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	802.11ax HE40	44	5220	16.43	17.50
		48	5240	16.55	17.50
		38	5190	16.54	17.50
		46	5230	16.56	17.50
	802.11ax HE80	42	5210	14.67	15.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	16.08	17.50
		56	5280	16.14	17.50
		60	5300	16.00	17.50
		64	5320	16.18	17.50
	802.11n HT20	52	5260	16.06	17.50
		56	5280	16.09	17.50
		60	5300	16.28	17.50
		64	5320	16.12	17.50
	802.11n HT40	54	5270	15.08	16.50
		62	5310	15.12	16.50
	802.11ac VHT20	52	5260	16.05	17.50
		56	5280	16.21	17.50
		60	5300	16.15	17.50
		64	5320	16.26	17.50
	802.11ac VHT40	54	5270	15.13	16.50
		62	5310	15.16	16.50
	802.11ac VHT80	58	5290	14.20	16.00
		802.11ax HE20	52	5260	16.18
	56		5280	16.19	17.50
	60		5300	16.06	17.50
	64		5320	16.21	17.50
	802.11ax HE40	54	5270	16.25	17.50
		62	5310	16.17	17.50
	802.11ax HE80	58	5290	14.08	15.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	16.10	17.50
		104	5520	16.05	17.50
		108	5540	16.38	17.50
		112	5560	16.37	17.50
		116	5580	16.44	17.50
		120	5600	16.41	17.50
		124	5620	16.36	17.50
		128	5640	16.33	17.50
		132	5660	17.05	17.50
		136	5680	17.07	17.50
	802.11n HT20	140	5700	16.90	17.50
		100	5500	16.10	17.50
		104	5520	16.06	17.50
		108	5540	16.17	17.50
		112	5560	16.09	17.50
		116	5580	16.54	17.50
		120	5600	16.44	17.50
		124	5620	16.54	17.50
		128	5640	16.35	17.50
		132	5660	16.71	17.50
	802.11n HT40	136	5680	16.68	17.50
		140	5700	16.69	17.50
		102	5510	15.17	16.50
		110	5550	15.08	16.50
		118	5590	15.29	16.50



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	802.11ac VHT20	126	5630	15.29	16.50
		134	5670	15.69	16.50
		100	5500	16.00	17.50
		104	5520	16.07	17.50
		108	5540	16.18	17.50
		112	5560	16.24	17.50
		116	5580	16.35	17.50
		120	5600	16.29	17.50
		124	5620	16.12	17.50
		128	5640	16.13	17.50
		132	5660	16.73	17.50
		136	5680	16.70	17.50
		140	5700	16.60	17.50
		802.11ac VHT40	102	5510	15.17
	110		5550	15.12	16.50
	118		5590	15.31	16.50
	126		5630	16.30	16.50
	802.11ac VHT80	134	5670	15.68	16.50
		106	5530	14.26	16.00
	802.11ax HE20	122	5610	14.61	16.00
		100	5500	16.10	17.50
		104	5520	16.19	17.50
		108	5540	16.41	17.50
		112	5560	16.27	17.50
		116	5580	16.45	17.50
		120	5600	16.45	17.50
		124	5620	16.31	17.50
		128	5640	16.42	17.50
		132	5660	16.68	17.50
		136	5680	16.71	17.50
	802.11ax HE40	140	5700	16.63	17.50
		102	5510	16.25	17.50
		110	5550	16.27	17.50
		118	5590	16.44	17.50
		126	5630	16.63	17.50
	802.11ax HE80	134	5670	16.87	17.50
		106	5530	14.17	15.50
		122	5610	14.12	15.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	16.75	17.50
		153	5765	16.70	17.50
		157	5785	16.81	17.50
		161	5805	16.89	17.50
		165	5825	16.90	17.50
	802.11n HT20	149	5745	16.78	17.50
		153	5765	16.64	17.50
		157	5785	16.73	17.50
		161	5805	16.69	17.50
		165	5825	17.02	17.50
	802.11n HT40	151	5755	15.79	16.50
		159	5795	15.89	16.50
	802.11ac VHT20	149	5745	16.77	17.50
		153	5765	16.61	17.50
		157	5785	16.83	17.50
		161	5805	16.69	17.50
		165	5825	16.84	17.50
	802.11ac VHT40	151	5755	15.83	16.50
		159	5795	15.84	16.50
	802.11ac VHT80	155	5775	15.45	16.00



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	802.11ax HE20	149	5745	16.98	17.50
		153	5765	16.85	17.50
		157	5785	16.98	17.50
		161	5805	16.94	17.50
		165	5825	16.85	17.50
	802.11ax HE40	151	5755	16.98	17.50
		159	5795	16.80	17.50
	802.11ax HE80	155	5775	14.88	15.50

WIFI 5G Ant9 Rec off WIFI 5G+ WWAN Rec off WIFI 5G+ WWAN+BT Rec off WIFI 2.4G+WIFI 5G+WWAN Rec off WIFI 2.4G+WIFI 5G+WWAN+BT						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	13.87	15.00	
		40	5200	13.85	15.00	
		44	5220	14.02	15.00	
		48	5240	13.99	15.00	
	802.11n HT20	36	5180	13.69	15.00	
		40	5200	13.86	15.00	
		44	5220	13.87	15.00	
		48	5240	13.97	15.00	
	802.11n HT40	38	5190	13.01	14.00	
		46	5230	12.99	14.00	
	802.11ac VHT20	36	5180	13.72	15.00	
		40	5200	13.97	15.00	
		44	5220	14.10	15.00	
		48	5240	13.96	15.00	
	802.11ac VHT40	38	5190	12.88	14.00	
		46	5230	13.05	14.00	
	802.11ac VHT80	42	5210	11.91	13.50	
	802.11ax HE20	36	5180	13.96	15.00	
		40	5200	14.07	15.00	
		44	5220	13.92	15.00	
		48	5240	13.97	15.00	
	802.11ax HE40	38	5190	13.97	15.00	
		46	5230	14.07	15.00	
	802.11ax HE80	42	5210	12.14	13.00	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz U-NII-2A	802.11a	52	5260	13.58	15.00
56			5280	13.60	15.00	
60			5300	13.60	15.00	
64			5320	13.60	15.00	
802.11n HT20		52	5260	13.60	15.00	
		56	5280	13.57	15.00	
		60	5300	13.80	15.00	
		64	5320	13.53	15.00	
802.11n HT40		54	5270	12.63	14.00	
		62	5310	12.61	14.00	
802.11ac VHT20		52	5260	13.64	15.00	
		56	5280	13.66	15.00	
		60	5300	13.61	15.00	
		64	5320	13.78	15.00	
802.11ac VHT40		54	5270	12.61	14.00	
		62	5310	12.59	14.00	



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5GHz UNII-2C	802.11ac VHT80	58	5290	11.69	13.50
	802.11ax HE20	52	5260	13.61	15.00
		56	5280	13.70	15.00
		60	5300	13.67	15.00
		64	5320	13.64	15.00
	802.11ax HE40	54	5270	13.68	15.00
		62	5310	13.66	15.00
	802.11ax HE80	58	5290	11.63	13.00
	5GHz	Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	802.11a	100	5500	13.56	15.00
		104	5520	13.51	15.00
		108	5540	13.86	15.00
		112	5560	13.98	15.00
		116	5580	13.99	15.00
		120	5600	13.97	15.00
		124	5620	13.85	15.00
		128	5640	13.79	15.00
		132	5660	14.57	15.00
		136	5680	14.55	15.00
		140	5700	14.31	15.00
	802.11n HT20	100	5500	13.55	15.00
		104	5520	13.61	15.00
		108	5540	13.63	15.00
		112	5560	13.61	15.00
		116	5580	14.14	15.00
		120	5600	13.91	15.00
		124	5620	14.02	15.00
		128	5640	13.87	15.00
		132	5660	14.10	15.00
		136	5680	14.16	15.00
		140	5700	14.24	15.00
	802.11n HT40	102	5510	12.68	14.00
		110	5550	12.58	14.00
		118	5590	12.83	14.00
		126	5630	12.79	14.00
5GHz UNII-2C	802.11ac VHT20	134	5670	13.24	14.00
		100	5500	13.47	15.00
		104	5520	13.60	15.00
		108	5540	13.65	15.00
		112	5560	13.71	15.00
		116	5580	13.84	15.00
		120	5600	13.80	15.00
		124	5620	13.61	15.00
		128	5640	13.61	15.00
		132	5660	14.28	15.00
		136	5680	14.22	15.00
		140	5700	14.17	15.00
5GHz UNII-2C	802.11ac VHT40	102	5510	12.67	14.00
		110	5550	12.65	14.00
		118	5590	12.85	14.00
		126	5630	13.87	14.00
	802.11ac VHT80	134	5670	13.20	14.00
		106	5530	11.76	13.50
		122	5610	12.01	13.50
		100	5500	13.65	15.00
	802.11ax HE20	104	5520	13.71	15.00
		108	5540	13.81	15.00
		112	5560	13.86	15.00



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		116	5580	13.99	15.00
		120	5600	13.88	15.00
		124	5620	13.90	15.00
		128	5640	13.91	15.00
		132	5660	14.20	15.00
		136	5680	14.15	15.00
		140	5700	14.17	15.00
	802.11ax HE40	102	5510	13.69	15.00
		110	5550	13.80	15.00
		118	5590	13.95	15.00
		126	5630	14.12	15.00
	802.11ax HE80	134	5670	14.35	15.00
106		5530	11.69	13.00	
		122	5610	11.57	13.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	14.18	15.00
		153	5765	14.12	15.00
		157	5785	14.33	15.00
		161	5805	14.38	15.00
		165	5825	14.39	15.00
	802.11n HT20	149	5745	14.25	15.00
		153	5765	14.18	15.00
		157	5785	14.21	15.00
		161	5805	14.20	15.00
		165	5825	14.48	15.00
	802.11n HT40	151	5755	13.30	14.00
		159	5795	13.34	14.00
	802.11ac VHT20	149	5745	14.21	15.00
		153	5765	14.13	15.00
		157	5785	14.30	15.00
		161	5805	14.30	15.00
		165	5825	14.37	15.00
	802.11ac VHT40	151	5755	13.30	14.00
		159	5795	13.36	14.00
	802.11ac VHT80	155	5775	12.87	13.50
	802.11ax HE20	149	5745	14.41	15.00
		153	5765	14.37	15.00
		157	5785	14.43	15.00
		161	5805	14.39	15.00
		165	5825	14.29	15.00
	802.11ax HE40	151	5755	14.49	15.00
		159	5795	14.27	15.00
	802.11ax HE80	155	5775	12.39	13.00

WIFI 5G Ant9 Rec on Standalone Rec on WIFI 5G+BT Rec on WIFI 2.4G+WIFI 5G Rec on WIFI 2.4G+WIFI 5G+BT					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.42	14.50
		40	5200	13.30	14.50
		44	5220	13.52	14.50
		48	5240	13.53	14.50
	802.11n HT20	36	5180	13.22	14.50
		40	5200	13.38	14.50
		44	5220	13.40	14.50
		44	5220	13.40	14.50



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		48	5240	13.47	14.50
	802.11n HT40	38	5190	12.54	13.50
		46	5230	12.48	13.50
		36	5180	13.20	14.50
	802.11ac VHT20	40	5200	13.48	14.50
		44	5220	13.65	14.50
		48	5240	13.45	14.50
	802.11ac VHT40	38	5190	12.41	13.50
		46	5230	12.59	13.50
	802.11ac VHT80	42	5210	11.36	13.00
	802.11ax HE20	36	5180	13.49	14.50
		40	5200	13.54	14.50
		44	5220	13.45	14.50
		48	5240	13.45	14.50
802.11ax HE40	38	5190	13.46	14.50	
	46	5230	13.61	14.50	
802.11ax HE80	42	5210	11.68	12.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	13.07	14.50
		56	5280	13.09	14.50
		60	5300	13.07	14.50
		64	5320	13.13	14.50
	802.11n HT20	52	5260	13.15	14.50
		56	5280	13.05	14.50
		60	5300	13.30	14.50
		64	5320	13.08	14.50
	802.11n HT40	54	5270	12.13	13.50
		62	5310	12.07	13.50
	802.11ac VHT20	52	5260	13.16	14.50
		56	5280	13.14	14.50
		60	5300	13.11	14.50
		64	5320	13.33	14.50
	802.11ac VHT40	54	5270	12.12	13.50
		62	5310	12.06	13.50
	802.11ac VHT80	58	5290	11.15	13.00
	802.11ax HE20	52	5260	13.06	14.50
		56	5280	13.16	14.50
		60	5300	13.14	14.50
		64	5320	13.14	14.50
	802.11ax HE40	54	5270	13.17	14.50
		62	5310	13.19	14.50
	802.11ax HE80	58	5290	11.16	12.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	12.53	14.00
		104	5520	12.53	14.00
		108	5540	12.82	14.00
		112	5560	13.01	14.00
		116	5580	12.99	14.00
		120	5600	12.95	14.00
		124	5620	12.81	14.00
		128	5640	12.79	14.00
		132	5660	13.56	14.00
		136	5680	13.57	14.00
		140	5700	13.27	14.00
		802.11n	100	5500	12.52



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	HT20	104	5520	12.61	14.00
		108	5540	12.62	14.00
		112	5560	12.65	14.00
		116	5580	13.19	14.00
		120	5600	12.90	14.00
		124	5620	13.01	14.00
		128	5640	12.84	14.00
		132	5660	13.12	14.00
		136	5680	13.20	14.00
	140	5700	13.29	14.00	
	802.11n HT40	102	5510	11.69	13.00
		110	5550	11.55	13.00
		118	5590	11.79	13.00
		126	5630	11.83	13.00
		134	5670	12.26	13.00
	802.11ac VHT20	100	5500	12.51	14.00
		104	5520	12.57	14.00
		108	5540	12.60	14.00
		112	5560	12.68	14.00
		116	5580	12.79	14.00
		120	5600	12.78	14.00
		124	5620	12.58	14.00
		128	5640	12.64	14.00
		132	5660	13.26	14.00
	136	5680	13.21	14.00	
	140	5700	13.16	14.00	
	802.11ac VHT40	102	5510	11.66	13.00
		110	5550	11.60	13.00
		118	5590	11.80	13.00
		126	5630	12.88	13.00
		134	5670	12.20	13.00
	802.11ac VHT80	106	5530	10.80	12.50
		122	5610	11.04	12.50
	802.11ax HE20	100	5500	12.65	14.00
		104	5520	12.71	14.00
		108	5540	12.80	14.00
		112	5560	12.83	14.00
		116	5580	12.97	14.00
		120	5600	12.89	14.00
		124	5620	12.91	14.00
		128	5640	12.92	14.00
		132	5660	13.20	14.00
		136	5680	13.16	14.00
	140	5700	13.15	14.00	
	802.11ax HE40	102	5510	12.68	14.00
		110	5550	12.75	14.00
		118	5590	12.98	14.00
		126	5630	13.13	14.00
		134	5670	13.38	14.00
802.11ax HE80	106	5530	10.65	12.00	
	122	5610	10.52	12.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.15	14.00
		153	5765	13.13	14.00
		157	5785	13.31	14.00
		161	5805	13.38	14.00
		165	5825	13.35	14.00
	802.11n HT20	149	5745	13.24	14.00
		153	5765	13.20	14.00
		157	5785	13.17	14.00



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	802.11n HT40	161	5805	13.15	14.00
		165	5825	13.43	14.00
		151	5755	12.25	13.00
		159	5795	12.30	13.00
	802.11ac VHT20	149	5745	13.16	14.00
		153	5765	13.09	14.00
		157	5785	13.29	14.00
		161	5805	13.26	14.00
	802.11ac VHT40	165	5825	13.41	14.00
		151	5755	12.25	13.00
	802.11ac VHT80	159	5795	12.32	13.00
		155	5775	11.90	12.50
	802.11ax HE20	149	5745	13.45	14.00
		153	5765	13.40	14.00
		157	5785	13.48	14.00
		161	5805	13.39	14.00
	802.11ax HE40	165	5825	13.30	14.00
		151	5755	13.48	14.00
	802.11ax HE80	159	5795	13.23	14.00
		155	5775	11.40	12.00

WIFI 5G Ant9 Rec on WIFI 5G+ WWAN Rec on WIFI 5G+ WWAN+BT Rec on WIFI 2.4G+WIFI 5G+WWAN Rec on WIFI 2.4G+WIFI 5G+WWAN+BT					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	8.88	10.00
		40	5200	8.86	10.00
		44	5220	9.08	10.00
		48	5240	8.99	10.00
	802.11n HT20	36	5180	8.70	10.00
		40	5200	8.86	10.00
		44	5220	8.88	10.00
		48	5240	8.91	10.00
	802.11n HT40	38	5190	7.98	9.00
		46	5230	8.04	9.00
	802.11ac VHT20	36	5180	8.69	10.00
		40	5200	8.98	10.00
		44	5220	9.05	10.00
		48	5240	9.02	10.00
	802.11ac VHT40	38	5190	7.86	9.00
		46	5230	8.02	9.00
	802.11ac VHT80	42	5210	6.94	8.50
		36	5180	8.94	10.00
	802.11ax HE20	40	5200	8.97	10.00
		44	5220	8.99	10.00
		48	5240	9.01	10.00
	802.11ax HE40	38	5190	9.05	10.00
		46	5230	9.15	10.00
	802.11ax HE80	42	5210	7.09	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	8.61	10.00
		56	5280	8.66	10.00
		60	5300	8.52	10.00



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	802.11n HT20	64	5320	8.62	10.00
		52	5260	8.59	10.00
		56	5280	8.58	10.00
		60	5300	8.80	10.00
	802.11n HT40	64	5320	8.60	10.00
		54	5270	7.65	9.00
		62	5310	7.62	9.00
		52	5260	8.63	10.00
	802.11ac VHT20	56	5280	8.67	10.00
		60	5300	8.63	10.00
		64	5320	8.82	10.00
		54	5270	7.54	9.00
	802.11ac VHT40	62	5310	7.66	9.00
		58	5290	6.76	8.50
	802.11ax HE20	52	5260	8.62	10.00
		56	5280	8.69	10.00
		60	5300	8.65	10.00
		64	5320	8.72	10.00
	802.11ax HE40	54	5270	8.64	10.00
		62	5310	8.58	10.00
	802.11ax HE80	58	5290	6.58	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	8.59	10.00
		104	5520	8.55	10.00
		108	5540	8.89	10.00
		112	5560	8.92	10.00
		116	5580	8.96	10.00
		120	5600	8.95	10.00
		124	5620	8.85	10.00
		128	5640	8.82	10.00
		132	5660	9.56	10.00
		136	5680	9.57	10.00
	802.11n HT20	140	5700	9.30	10.00
		100	5500	8.56	10.00
		104	5520	8.51	10.00
		108	5540	8.72	10.00
		112	5560	8.65	10.00
		116	5580	9.07	10.00
		120	5600	9.00	10.00
		124	5620	9.02	10.00
		128	5640	8.86	10.00
		132	5660	9.18	10.00
	802.11n HT40	136	5680	9.21	10.00
		140	5700	9.27	10.00
		102	5510	7.65	9.00
		110	5550	7.56	9.00
		118	5590	7.90	9.00
	802.11ac VHT20	126	5630	7.77	9.00
		134	5670	8.27	9.00
		100	5500	8.48	10.00
		104	5520	8.55	10.00
		108	5540	8.66	10.00
		112	5560	8.66	10.00
		116	5580	8.80	10.00
		120	5600	8.86	10.00
		124	5620	8.64	10.00
		128	5640	8.58	10.00
		132	5660	9.22	10.00



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	802.11ac VHT40	136	5680	9.22	10.00
		140	5700	9.10	10.00
		102	5510	7.61	9.00
		110	5550	7.58	9.00
		118	5590	7.84	9.00
		126	5630	8.80	9.00
		134	5670	8.26	9.00
	802.11ac VHT80	106	5530	6.72	8.50
		122	5610	7.01	8.50
	802.11ax HE20	100	5500	8.62	10.00
		104	5520	8.68	10.00
		108	5540	8.87	10.00
		112	5560	8.85	10.00
		116	5580	9.01	10.00
		120	5600	8.89	10.00
		124	5620	8.91	10.00
		128	5640	8.88	10.00
		132	5660	9.21	10.00
		136	5680	9.21	10.00
	802.11ax HE40	140	5700	9.14	10.00
		102	5510	8.72	10.00
		110	5550	8.85	10.00
		118	5590	8.91	10.00
		126	5630	9.11	10.00
	802.11ax HE80	134	5670	9.40	10.00
		106	5530	6.66	8.00
		122	5610	6.56	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	8.68	9.50
		153	5765	8.60	9.50
		157	5785	8.85	9.50
		161	5805	8.87	9.50
		165	5825	8.86	9.50
	802.11n HT20	149	5745	8.77	9.50
		153	5765	8.70	9.50
		157	5785	8.72	9.50
		161	5805	8.73	9.50
		165	5825	8.91	9.50
	802.11n HT40	151	5755	7.78	8.50
		159	5795	7.87	8.50
	802.11ac VHT20	149	5745	8.72	9.50
		153	5765	8.65	9.50
		157	5785	8.80	9.50
		161	5805	8.76	9.50
		165	5825	8.90	9.50
	802.11ac VHT40	151	5755	7.80	8.50
		159	5795	7.88	8.50
	802.11ac VHT80	155	5775	7.40	8.00
	802.11ax HE20	149	5745	8.90	9.50
		153	5765	8.86	9.50
		157	5785	8.91	9.50
		161	5805	8.83	9.50
		165	5825	8.82	9.50
	802.11ax HE40	151	5755	9.04	9.50
		159	5795	8.82	9.50
	802.11ax HE80	155	5775	6.93	7.50



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4.3 Conducted Power of Bluetooth

BT Ant 9		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	14.38	15.35	14.05	16.00
	$\pi/4$ DQPSK	8.58	9.19	8.15	13.00
	8DPSK	7.35	7.56	7.05	13.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.43	7.36	7.26	9.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	7.39	8.25	8.16	9.00

- End of the Appendix -



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