

Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 850										
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	32.67	32.76	32.45	33.00	-9.19	23.48	23.57	23.26	23.81
GPRS (GMSK)	1 TX Slot	32.58	32.66	32.51	33.00	-9.19	23.39	23.47	23.32	23.81
	2 TX Slots	30.55	30.60	30.58	32.00	-6.18	24.37	24.42	24.40	25.82
	3 TX Slots	29.52	29.60	29.50	30.00	-4.42	25.10	25.18	25.08	25.58
	4 TX Slots	27.53	27.46	27.66	28.00	-3.17	24.36	24.29	24.49	24.83
EGPRS (GMSK)	1 TX Slot	32.51	32.67	32.41	33.00	-9.19	23.32	23.48	23.22	23.81
	2 TX Slots	30.49	30.68	30.68	32.00	-6.18	24.31	24.50	24.50	25.82
	3 TX Slots	29.57	29.65	29.46	30.00	-4.42	25.15	25.23	25.04	25.58
	4 TX Slots	27.52	27.38	27.62	28.00	-3.17	24.35	24.21	24.45	24.83
EGPRS (8PSK)	1 TX Slot	26.45	26.89	27.00	27.00	-9.19	17.26	17.70	17.81	17.81
	2 TX Slots	24.75	24.82	24.75	26.00	-6.18	18.57	18.64	18.57	19.82
	3 TX Slots	23.10	22.95	23.04	24.00	-4.42	18.68	18.53	18.62	19.58
	4 TX Slots	23.31	23.26	23.32	24.00	-3.17	20.14	20.09	20.15	20.83

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.71	29.61	29.47	30.00	-9.19	20.52	20.42	20.28	20.81
GPRS (GMSK)	1 TX Slot	29.62	29.64	29.44	30.00	-9.19	20.43	20.45	20.25	20.81
	2 TX Slots	27.55	27.57	27.36	29.00	-6.18	21.37	21.39	21.18	22.82
	3 TX Slots	26.49	26.52	26.38	27.00	-4.42	22.07	22.10	21.96	22.58
	4 TX Slots	24.59	24.57	24.31	25.00	-3.17	21.42	21.40	21.14	21.83
EGPRS (GMSK)	1 TX Slot	29.57	29.65	29.41	30.00	-9.19	20.38	20.46	20.22	20.81
	2 TX Slots	27.54	27.66	27.29	29.00	-6.18	21.36	21.48	21.11	22.82
	3 TX Slots	26.50	26.62	26.38	27.00	-4.42	22.08	22.20	21.96	22.58
	4 TX Slots	24.58	24.49	24.26	25.00	-3.17	21.41	21.32	21.09	21.83
EGPRS (8PSK)	1 TX Slot	26.00	26.21	25.86	27.00	-9.19	16.81	17.02	16.67	15.81
	2 TX Slots	23.44	23.55	23.48	24.00	-6.18	17.26	17.37	17.30	17.82
	3 TX Slots	21.98	21.99	22.02	23.00	-4.42	17.56	17.57	17.60	18.58
	4 TX Slots	20.60	20.62	20.66	21.00	-3.17	17.43	17.45	17.49	17.83

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.42	23.40	23.25	24.00
	12.2kbps AMR	23.35	23.37	23.15	24.00
HSDPA	Subtest 1	22.33	22.29	22.24	23.00
	Subtest 2	22.36	22.28	22.10	23.00
	Subtest 3	21.86	21.81	21.75	22.50
	Subtest 4	21.85	21.80	21.74	22.50
HSUPA	Subtest 1	22.39	22.32	22.25	23.00
	Subtest 2	20.40	20.31	20.26	21.00
	Subtest 3	21.36	21.32	21.24	22.50
	Subtest 4	20.39	20.37	20.28	21.00
DC-HSDPA	Subtest 5	22.39	22.31	22.23	23.00
	Subtest 1	22.30	22.23	22.25	23.00
	Subtest 2	22.31	22.35	22.08	23.00
	Subtest 3	21.95	21.87	21.74	22.50
HSPA+	Subtest 4	21.87	21.81	21.82	22.50
	16QAM	21.60	21.69	21.66	22.50

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.98	20.99	20.87	21.50
	12.2kbps AMR	20.82	20.60	20.59	21.50
HSDPA	Subtest 1	19.74	19.83	19.75	20.50
	Subtest 2	19.80	19.87	19.81	20.50

	Subtest 3	19.15	19.30	19.34	20.00
	Subtest 4	19.27	18.97	19.34	20.00
HSUPA	Subtest 1	19.86	19.75	19.83	20.50
	Subtest 2	17.66	17.65	17.83	18.50
	Subtest 3	18.76	18.83	18.82	20.00
	Subtest 4	17.80	17.67	17.89	18.50
	Subtest 5	19.71	19.74	19.75	20.50
DC-HSDPA	Subtest 1	19.57	19.88	19.65	20.50
	Subtest 2	19.64	19.76	19.75	20.50
	Subtest 3	19.23	19.14	19.27	20.00
	Subtest 4	19.18	18.87	19.26	20.00
HSPA+	16QAM	18.90	19.07	18.88	20.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.39	23.40	23.31	24.00
	12.2kbps AMR	23.49	23.33	23.41	24.00
HSDPA	Subtest 1	22.46	22.51	22.34	23.00
	Subtest 2	22.48	22.50	22.40	23.00
	Subtest 3	21.96	22.01	21.89	22.50
	Subtest 4	21.96	21.99	21.84	22.50
HSUPA	Subtest 1	22.45	22.49	22.33	23.00
	Subtest 2	20.45	20.44	20.30	21.00
	Subtest 3	21.41	21.49	21.30	22.00
	Subtest 4	20.44	20.50	20.33	21.00
	Subtest 5	22.43	22.48	22.33	23.00
DC-HSDPA	Subtest 1	22.46	22.43	22.42	23.00
	Subtest 2	22.58	22.53	22.30	23.00
	Subtest 3	21.99	22.03	21.86	22.50
	Subtest 4	21.95	21.94	21.92	22.50
HSPA+	16QAM	21.66	21.74	21.59	22.50

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.30	22.36	22.62	23.00
		1	2	22.36	22.63	22.19	23.00
		1	5	22.40	21.95	22.54	23.00
		3	0	22.48	22.43	22.36	23.00
		3	2	22.62	22.59	22.64	23.00
		3	3	22.55	22.67	22.57	23.00
	16QAM	6	0	21.84	21.15	21.49	22.00
		1	0	21.08	21.19	21.61	22.00
		1	2	21.45	21.45	21.18	22.00
		1	5	21.56	21.39	20.91	22.00
		3	0	21.26	21.26	21.25	22.00
		3	2	21.47	21.26	21.74	22.00
	64QAM	3	3	21.74	21.63	21.52	22.00
		6	0	20.70	20.40	20.60	21.00
		1	0	20.43	20.44	20.53	21.00
		1	2	20.01	20.22	20.55	21.00
		1	5	20.19	20.70	20.34	21.00
		3	0	20.41	20.55	20.31	21.00
	256QAM	3	2	20.54	20.39	20.66	21.00
		3	3	20.83	20.77	20.56	21.00
		6	0	19.55	19.14	19.33	20.00
		1	0	17.60	17.28	17.63	18.00
		1	2	17.63	16.88	17.42	18.00
		1	5	17.28	17.25	17.21	18.00
		3	0	17.72	17.42	17.56	18.00
		3	2	17.48	17.38	17.73	18.00
		3	3	17.67	17.52	17.57	18.00
		6	0	17.20	17.24	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18615	18900	19185	
3MHz	QPSK	1	0	22.22	22.34	22.55	23.00
		1	7	22.30	22.54	22.09	23.00
		1	14	22.36	21.87	22.53	23.00
		8	0	21.49	21.51	21.36	22.00
		8	4	21.56	21.57	21.54	22.00
		8	7	21.47	21.65	21.66	22.00
	16QAM	15	0	21.83	21.13	21.43	22.00
		1	0	21.05	21.21	21.67	22.00
		1	7	21.53	21.43	21.12	22.00
		1	14	21.60	21.29	20.97	22.00
		8	0	20.24	20.33	20.21	21.00
		8	4	20.53	20.21	20.65	21.00
	64QAM	8	7	20.83	20.54	20.48	21.00
		15	0	20.72	20.40	20.61	21.00
		1	0	20.37	20.40	20.50	21.00
		1	7	20.03	20.21	20.45	21.00
		1	14	20.25	20.60	20.38	21.00
		8	0	19.48	19.49	19.32	20.00
5MHz	QPSK	8	4	19.53	19.43	19.68	20.00
		8	7	19.73	19.70	19.50	20.00
		15	0	19.47	19.17	19.42	20.00
	16QAM	1	0	17.51	17.23	17.68	18.00
		1	7	17.64	16.91	17.50	18.00
		1	14	17.37	17.19	17.29	18.00
	64QAM	8	0	17.63	17.39	17.52	18.00
		8	4	17.49	17.45	17.70	18.00
		8	7	17.74	17.46	17.53	18.00
	256QAM	15	0	17.27	17.22	17.42	18.00
		1	0	22.22	22.40	22.46	23.00
		1	13	22.29	22.51	22.07	23.00
		1	24	22.36	21.82	22.47	23.00
		12	0	21.45	21.61	21.40	22.00
		12	6	21.50	21.53	21.56	22.00
	16QAM	12	13	21.52	21.58	21.60	22.00
		25	0	21.76	21.20	21.39	22.00
		1	0	21.15	21.18	21.63	22.00
		1	13	21.58	21.46	21.22	22.00
		1	24	21.53	21.35	21.02	22.00
		12	0	20.22	20.29	20.31	21.00
10MHz	QPSK	12	6	20.62	20.26	20.68	21.00
		12	13	20.75	20.64	20.54	21.00
		25	0	20.71	20.40	20.54	21.00
		1	0	20.37	20.42	20.54	21.00
		1	13	20.06	20.29	20.42	21.00
		1	24	20.26	20.55	20.30	21.00
	16QAM	12	0	19.54	19.40	19.27	20.00
		12	6	19.60	19.43	19.69	20.00
		12	13	19.69	19.67	19.59	20.00
		25	0	19.41	19.27	19.36	20.00
		1	0	17.46	17.31	17.67	18.00
		1	13	17.57	17.00	17.42	18.00
	64QAM	1	24	17.45	17.23	17.37	18.00
		12	0	17.54	17.31	17.47	18.00
		12	6	17.53	17.41	17.62	18.00
		12	13	17.69	17.46	17.55	18.00
		25	0	17.32	17.24	17.51	18.00
		1	0	22.13	22.33	22.42	23.00
	256QAM	1	25	22.25	22.49	22.05	23.00
		1	49	22.40	21.89	22.51	23.00
		25	0	21.54	21.51	21.42	22.00
		25	13	21.51	21.52	21.56	22.00
		25	25	21.52	21.48	21.60	22.00

	16QAM	50	0	21.69	21.29	21.47	22.00
		1	0	21.13	21.28	21.59	22.00
		1	25	21.56	21.39	21.23	22.00
		1	49	21.44	21.43	20.98	22.00
		25	0	20.19	20.26	20.37	21.00
		25	13	20.55	20.35	20.65	21.00
		25	25	20.66	20.59	20.45	21.00
	64QAM	50	0	20.64	20.32	20.48	21.00
		1	0	20.35	20.50	20.59	21.00
		1	25	20.12	20.26	20.38	21.00
		1	49	20.23	20.65	20.21	21.00
		25	0	19.46	19.42	19.28	20.00
		25	13	19.70	19.38	19.68	20.00
		25	25	19.59	19.59	19.52	20.00
	256QAM	50	0	19.42	19.32	19.35	20.00
		1	0	17.40	17.27	17.70	18.00
		1	25	17.63	17.01	17.36	18.00
		1	49	17.46	17.33	17.44	18.00
		25	0	17.51	17.37	17.46	18.00
		25	13	17.55	17.31	17.58	18.00
		25	25	17.62	17.51	17.48	18.00
		50	0	17.41	17.34	17.53	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.09	22.31	22.36	23.00
		1	38	22.30	22.48	22.05	23.00
		1	74	22.41	21.92	22.56	23.00
		36	0	21.45	21.41	21.38	22.00
		36	18	21.50	21.46	21.51	22.00
		36	39	21.56	21.40	21.54	22.00
		75	0	21.61	21.34	21.43	22.00
	16QAM	1	0	21.03	21.32	21.49	22.00
		1	38	21.54	21.42	21.25	22.00
		1	74	21.41	21.53	21.01	22.00
		36	0	20.26	20.34	20.29	21.00
		36	18	20.45	20.36	20.55	21.00
		36	39	20.58	20.58	20.47	21.00
		75	0	20.63	20.33	20.40	21.00
	64QAM	1	0	20.32	20.44	20.52	21.00
		1	38	20.10	20.19	20.46	21.00
		1	74	20.27	20.57	20.30	21.00
		36	0	19.45	19.49	19.34	20.00
		36	18	19.71	19.31	19.59	20.00
		36	39	19.57	19.51	19.46	20.00
		75	0	19.50	19.37	19.36	20.00
	256QAM	1	0	17.39	17.30	17.60	18.00
		1	38	17.63	17.01	17.46	18.00
		1	74	17.48	17.32	17.47	18.00
		36	0	17.49	17.33	17.52	18.00
		36	18	17.53	17.35	17.59	18.00
		36	39	17.62	17.46	17.50	18.00
		75	0	17.38	17.33	17.45	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.10	22.28	22.26	23.00
		1	50	22.23	22.52	22.12	23.00
		1	99	22.36	21.99	22.64	23.00
		50	0	21.40	21.43	21.44	22.00
		50	25	21.46	21.37	21.45	22.00
		50	50	21.55	21.40	21.45	22.00
		100	0	21.53	21.38	21.38	22.00
	16QAM	1	0	21.10	21.26	21.40	22.00
		1	50	21.55	21.46	21.23	22.00
		1	99	21.47	21.49	21.04	22.00
		50	0	20.28	20.43	20.38	21.00
		50	25	20.54	20.41	20.52	21.00
		50	50	20.61	20.58	20.51	21.00

	64QAM	100	0	20.53	20.39	20.43	21.00
		1	0	20.42	20.35	20.42	21.00
		1	50	20.13	20.13	20.41	21.00
		1	99	20.17	20.57	20.27	21.00
		50	0	19.42	19.45	19.35	20.00
		50	25	19.61	19.39	19.53	20.00
		50	50	19.58	19.53	19.51	20.00
		100	0	19.60	19.45	19.34	20.00
	256QAM	1	0	17.41	17.24	17.61	18.00
		1	50	17.70	17.04	17.45	18.00
		1	99	17.44	17.34	17.43	18.00
		50	0	17.48	17.39	17.46	18.00
		50	25	17.54	17.42	17.51	18.00
		50	50	17.53	17.54	17.51	18.00
		100	0	17.45	17.37	17.36	18.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.16	22.20	22.24	23.00
		1	2	22.09	22.11	22.10	23.00
		1	5	22.79	22.72	22.62	23.00
		3	0	22.16	22.08	22.04	23.00
		3	2	22.47	22.39	22.41	23.00
		3	3	22.42	22.41	22.50	23.00
	16QAM	6	0	21.51	21.46	21.41	22.00
		1	0	21.49	21.49	21.45	22.00
		1	2	21.23	21.21	21.14	22.00
		1	5	21.02	21.12	21.20	22.00
		3	0	21.16	21.16	21.23	22.00
		3	2	21.32	21.23	21.28	22.00
	64QAM	3	3	21.29	21.30	21.38	22.00
		6	0	20.14	20.19	20.20	21.00
		1	0	20.01	20.11	20.17	21.00
		1	2	19.94	19.94	19.94	21.00
		1	5	20.19	20.27	20.31	21.00
		3	0	20.42	20.49	20.41	21.00
	256QAM	3	2	20.58	20.68	20.62	21.00
		3	3	20.53	20.46	20.54	21.00
		6	0	19.32	19.24	19.20	20.00
		1	0	17.19	17.18	17.10	18.00
		1	2	17.49	17.49	17.56	18.00
		1	5	17.42	17.32	17.42	18.00
3MHz	QPSK	3	0	17.47	17.40	17.34	18.00
		3	2	17.39	17.49	17.46	18.00
		3	3	17.58	17.65	17.70	18.00
		6	0	17.05	17.13	17.14	18.00
	16QAM	1	0	22.24	22.30	22.23	23.00
		1	7	22.02	22.09	22.10	23.00
		1	14	22.58	22.62	22.61	23.00
		8	0	21.05	21.10	21.17	22.00
		8	4	21.38	21.39	21.43	22.00
		8	7	21.33	21.36	21.27	22.00
	64QAM	15	0	21.53	21.47	21.52	22.00
		1	0	21.44	21.51	21.43	22.00
		1	7	21.22	21.20	21.16	22.00
		1	14	21.28	21.21	21.28	22.00
		8	0	20.26	20.23	20.28	21.00
		8	4	20.19	20.21	20.21	21.00
	256QAM	8	7	20.29	20.32	20.25	21.00
		15	0	20.15	20.17	20.15	21.00
		1	0	20.17	20.21	20.29	21.00
		1	7	20.01	20.00	20.09	21.00

		1	14	20.31	20.30	20.35	21.00
		8	0	19.49	19.46	19.45	20.00
		8	4	19.59	19.60	19.63	20.00
		8	7	19.40	19.49	19.49	20.00
		15	0	19.26	19.31	19.41	20.00
	256QAM	1	0	17.20	17.25	17.17	18.00
		1	7	17.56	17.48	17.45	18.00
		1	14	17.30	17.30	17.33	18.00
		8	0	17.40	17.40	17.42	18.00
		8	4	17.46	17.55	17.60	18.00
		8	7	17.66	17.57	17.53	18.00
		15	0	17.20	17.20	17.20	18.00
	256QAM	1	0	17.20	17.25	17.17	18.00
		1	7	17.56	17.48	17.45	18.00
		1	14	17.30	17.30	17.33	18.00
		8	0	17.40	17.40	17.42	18.00
		8	4	17.46	17.55	17.60	18.00
		8	7	17.66	17.57	17.53	18.00
		15	0	17.20	17.20	17.20	18.00
		15	0	17.20	17.20	17.20	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.35	22.25	22.31	23.00
		1	13	22.15	22.07	22.15	23.00
		1	24	22.66	22.57	22.58	23.00
		12	0	21.10	21.12	21.21	22.00
		12	6	21.44	21.42	21.35	22.00
		12	13	21.35	21.40	21.32	22.00
	16QAM	25	0	21.48	21.56	21.56	22.00
		1	0	21.38	21.41	21.37	22.00
		1	13	21.23	21.16	21.25	22.00
		1	24	21.36	21.26	21.27	22.00
		12	0	20.19	20.25	20.30	21.00
		12	6	20.14	20.17	20.21	21.00
	64QAM	12	13	20.43	20.41	20.41	21.00
		25	0	20.25	20.17	20.22	21.00
		1	0	20.17	20.12	20.19	21.00
		1	13	19.92	19.99	20.05	21.00
		1	24	20.22	20.22	20.14	21.00
		12	0	19.44	19.38	19.41	20.00
	256QAM	12	6	19.53	19.61	19.61	20.00
		12	13	19.65	19.55	19.50	20.00
		25	0	19.29	19.29	19.35	20.00
		1	0	17.07	17.17	17.10	18.00
		1	13	17.38	17.38	17.34	18.00
		1	24	17.23	17.24	17.25	18.00
10MHz	QPSK	12	0	17.29	17.32	17.34	18.00
		12	6	17.44	17.46	17.54	18.00
		12	13	17.64	17.57	17.49	18.00
		25	0	17.24	17.26	17.25	18.00
	16QAM	1	0	21.34	21.38	21.34	22.00
		1	25	21.24	21.15	21.06	22.00
		1	49	21.15	21.23	21.15	22.00
		25	0	20.41	20.31	20.23	21.00
		25	13	20.30	20.27	20.32	21.00
		25	25	20.30	20.36	20.33	21.00
	64QAM	50	0	20.21	20.25	20.29	21.00
		1	0	20.09	20.18	20.15	21.00
		1	25	20.13	20.04	20.08	21.00
		1	49	20.24	20.29	20.35	21.00
		25	0	19.27	19.36	19.44	20.00
		25	13	19.49	19.55	19.59	20.00
	256QAM	25	25	19.53	19.52	19.54	20.00
		50	0	19.47	19.38	19.41	20.00
		1	0	17.29	17.23	17.31	18.00
		1	25	17.33	17.28	17.26	18.00
		1	0	17.29	17.23	17.31	18.00
		1	25	17.33	17.28	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.35	22.31	22.29	23.00
		1	25	21.93	22.01	21.98	23.00
		1	49	22.58	22.65	22.68	23.00
		25	0	21.14	21.12	21.22	22.00
		25	13	21.28	21.38	21.29	22.00
		25	25	21.46	21.36	21.30	22.00
	16QAM	50	0	21.42	21.49	21.51	22.00
		1	0	21.34	21.38	21.34	22.00
		1	25	21.24	21.15	21.06	22.00
		1	49	21.15	21.23	21.15	22.00
		25	0	20.41	20.31	20.23	21.00
		25	13	20.30	20.27	20.32	21.00
	64QAM	25	25	20.30	20.36	20.33	21.00
		50	0	20.21	20.25	20.29	21.00
		1	0	20.09	20.18	20.15	21.00
		1	25	20.13	20.04	20.08	21.00
		1	49	20.24	20.29	20.35	21.00
		25	0	19.27	19.36	19.44	20.00
	256QAM	25	13	19.49	19.55	19.59	20.00
		25	25	19.53	19.52	19.54	20.00
		50	0	19.47	19.38	19.41	20.00
		1	0	17.29	17.23	17.31	18.00
		1	25	17.33	17.28	17.26	18.00
		1	0	17.29	17.23	17.31	18.00
		1	25	17.33	17.28	17.26	18.00

		1	49	17.31	17.28	17.24	18.00
		25	0	17.21	17.31	17.23	18.00
		25	13	17.36	17.44	17.37	18.00
		25	25	17.57	17.47	17.53	18.00
		50	0	17.34	17.33	17.40	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.20	22.27	22.20	23.00
		1	38	21.97	22.06	21.98	23.00
		1	74	22.57	22.60	22.52	23.00
		36	0	21.23	21.17	21.07	22.00
		36	18	21.33	21.42	21.50	22.00
		36	39	21.48	21.44	21.54	22.00
	16QAM	75	0	21.45	21.50	21.51	22.00
		1	0	21.39	21.31	21.26	22.00
		1	38	21.17	21.16	21.20	22.00
		1	74	21.24	21.23	21.15	22.00
		36	0	20.14	20.21	20.31	21.00
		36	18	20.27	20.29	20.39	21.00
	64QAM	36	39	20.38	20.44	20.40	21.00
		75	0	20.31	20.35	20.37	21.00
		1	0	20.09	20.19	20.18	21.00
		1	38	20.20	20.12	20.07	21.00
		1	74	20.35	20.27	20.28	21.00
		36	0	19.49	19.39	19.29	20.00
	256QAM	36	18	19.43	19.47	19.40	20.00
		36	39	19.60	19.52	19.49	20.00
		75	0	19.45	19.43	19.38	20.00
		1	0	17.34	17.31	17.40	18.00
		1	38	17.23	17.25	17.18	18.00
		1	74	17.37	17.30	17.32	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK			/	20175	/	
		1	0	/	22.41	/	23.00
		1	50	/	22.31	/	23.00
		1	99	/	22.72	/	23.00
		50	0	/	21.46	/	22.00
		50	25	/	21.57	/	22.00
	16QAM	50	50	/	21.55	/	22.00
		100	0	/	21.61	/	22.00
		1	0	/	21.45	/	22.00
		1	50	/	21.44	/	22.00
		1	99	/	21.53	/	22.00
		50	0	/	20.44	/	21.00
	64QAM	50	25	/	20.57	/	21.00
		50	50	/	20.59	/	21.00
		100	0	/	20.64	/	21.00
		1	0	/	20.39	/	21.00
		1	50	/	20.40	/	21.00
		1	99	/	20.54	/	21.00
	256QAM	50	0	/	19.50	/	20.00
		50	25	/	19.63	/	20.00
		50	50	/	19.66	/	20.00
		100	0	/	19.63	/	20.00
		1	0	/	17.52	/	18.00
		1	50	/	17.36	/	18.00
		1	99	/	17.49	/	18.00
		50	0	/	17.52	/	18.00
		50	25	/	17.66	/	18.00
		50	50	/	17.63	/	18.00
		100	0	/	17.62	/	18.00

LTE Band 5	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.30	23.33	23.42	24.00
		1	2	23.19	23.28	23.22	24.00
		1	5	23.34	23.33	23.28	24.00
		3	0	23.24	23.28	23.19	24.00
		3	2	23.36	23.36	23.45	24.00
		3	3	23.20	23.19	23.26	24.00
		6	0	22.12	22.13	22.23	23.00
	16QAM	1	0	22.32	22.26	22.16	23.00
		1	2	22.07	22.14	22.18	23.00
		1	5	22.16	22.07	22.03	23.00
		3	0	22.33	22.32	22.33	23.00
		3	2	22.30	22.33	22.32	23.00
		3	3	22.21	22.24	22.23	23.00
		6	0	21.21	21.11	21.18	22.00
	64QAM	1	0	20.71	20.69	20.59	22.00
		1	2	20.37	20.42	20.47	22.00
		1	5	21.01	21.08	21.16	22.00
		3	0	21.17	21.10	21.06	22.00
		3	2	21.31	21.25	21.32	22.00
		3	3	21.35	21.40	21.47	22.00
		6	0	20.00	19.95	19.87	21.00
	256QAM	1	0	17.79	17.70	17.80	19.00
		1	2	18.34	18.40	18.50	19.00
		1	5	18.22	18.15	18.14	19.00
		3	0	17.97	18.05	17.98	19.00
		3	2	18.13	18.19	18.22	19.00
		3	3	18.39	18.34	18.43	19.00
		6	0	18.16	18.22	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.35	23.25	23.32	24.00
		1	7	23.28	23.28	23.37	24.00
		1	14	23.41	23.39	23.37	24.00
		8	0	22.42	22.34	22.31	23.00
		8	4	22.26	22.30	22.20	23.00
		8	7	22.32	22.25	22.21	23.00
		15	0	22.13	22.19	22.11	23.00
	16QAM	1	0	22.25	22.20	22.28	23.00
		1	7	22.14	22.16	22.10	23.00
		1	14	21.99	21.97	21.97	23.00
		8	0	21.26	21.27	21.17	22.00
		8	4	21.32	21.38	21.36	22.00
		8	7	21.29	21.26	21.19	22.00
		15	0	21.26	21.21	21.29	22.00
	64QAM	1	0	20.81	20.72	20.81	22.00
		1	7	20.56	20.52	20.53	22.00
		1	14	21.07	21.11	21.02	22.00
		8	0	20.25	20.19	20.29	21.00
		8	4	20.35	20.29	20.30	21.00
		8	7	20.24	20.30	20.28	21.00
		15	0	20.02	20.01	19.96	21.00
	256QAM	1	0	17.65	17.67	17.58	19.00
		1	7	18.31	18.41	18.39	19.00
		1	14	18.18	18.19	18.24	19.00
		8	0	17.98	18.04	18.11	19.00
		8	4	18.22	18.21	18.21	19.00
		8	7	18.33	18.30	18.31	19.00
		15	0	18.09	18.15	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.21	23.20	23.21	24.00
		1	13	23.30	23.31	23.32	24.00
		1	24	23.36	23.34	23.38	24.00
		12	0	22.29	22.26	22.36	23.00

		12	6	22.17	22.24	22.19	23.00
		12	13	22.15	22.19	22.13	23.00
		25	0	22.25	22.22	22.32	23.00
	16QAM	1	0	22.25	22.24	22.17	23.00
		1	13	22.03	22.10	22.19	23.00
		1	24	21.86	21.90	21.99	23.00
		12	0	21.28	21.28	21.36	22.00
		12	6	21.22	21.32	21.29	22.00
		12	13	21.13	21.17	21.14	22.00
		25	0	21.29	21.20	21.25	22.00
	64QAM	1	0	20.91	20.82	20.89	22.00
		1	13	20.49	20.48	20.52	22.00
		1	24	21.04	21.01	21.09	22.00
		12	0	20.07	20.11	20.08	21.00
		12	6	20.34	20.26	20.32	21.00
		12	13	20.20	20.22	20.22	21.00
		25	0	20.06	20.02	19.98	21.00
	256QAM	1	0	17.77	17.72	17.68	19.00
		1	13	18.45	18.35	18.39	19.00
		1	24	18.22	18.17	18.09	19.00
		12	0	18.06	18.13	18.10	19.00
		12	6	18.23	18.19	18.13	19.00
		12	13	18.37	18.29	18.20	19.00
		25	0	18.15	18.23	18.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	23.18	/	24.00
		1	25	/	23.31	/	24.00
		1	49	/	23.24	/	24.00
		25	0	/	22.19	/	23.00
		25	13	/	22.19	/	23.00
		25	25	/	22.19	/	23.00
		50	0	/	22.17	/	23.00
	16QAM	1	0	/	22.16	/	23.00
		1	25	/	22.16	/	23.00
		1	49	/	21.97	/	23.00
		25	0	/	21.24	/	22.00
		25	13	/	21.28	/	22.00
		25	25	/	21.15	/	22.00
		50	0	/	21.15	/	22.00
	64QAM	1	0	/	20.88	/	22.00
		1	25	/	20.44	/	22.00
		1	49	/	20.97	/	22.00
		25	0	/	20.21	/	21.00
		25	13	/	20.18	/	21.00
		25	25	/	20.29	/	21.00
		50	0	/	20.11	/	21.00
	256QAM	1	0	/	17.82	/	19.00
		1	25	/	18.30	/	19.00
		1	49	/	18.13	/	19.00
		25	0	/	18.21	/	19.00
		25	13	/	18.23	/	19.00
		25	25	/	18.20	/	19.00
		50	0	/	18.19	/	19.00

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.56	22.85	22.71	23.00
		1	13	22.45	22.94	22.52	23.00
		1	24	22.49	22.62	22.46	23.00
		12	0	21.72	21.82	21.69	22.00
		12	6	21.81	21.92	22.00	22.00
		12	13	21.64	21.67	21.58	22.00
		25	0	21.67	21.73	21.76	22.00

	16QAM	1	0	21.42	21.50	21.63	22.00
		1	13	21.12	21.57	21.84	22.00
		1	24	21.80	21.75	21.34	22.00
		12	0	20.35	20.88	20.90	21.00
		12	6	20.74	20.76	20.82	21.00
		12	13	20.69	21.00	20.77	21.00
		25	0	20.66	20.93	20.94	21.00
	64QAM	1	0	20.49	20.70	20.66	21.00
		1	13	20.61	20.83	20.66	21.00
		1	24	20.60	20.56	20.45	21.00
		12	0	19.76	19.91	19.83	20.00
		12	6	19.57	19.79	19.76	20.00
		12	13	19.63	19.65	19.62	20.00
		25	0	19.61	19.82	19.74	20.00
	256QAM	1	0	17.14	17.95	17.95	18.00
		1	13	17.71	17.59	17.55	18.00
		1	24	17.62	17.77	17.46	18.00
		12	0	17.64	17.73	17.77	18.00
		12	6	17.80	17.68	17.79	18.00
		12	13	17.53	17.50	17.84	18.00
		25	0	17.35	17.93	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.58	22.86	22.74	23.00
		1	25	22.48	22.90	22.47	23.00
		1	49	22.49	22.53	22.37	23.00
		25	0	21.71	21.87	21.65	22.00
		25	13	21.75	21.97	21.90	22.00
		25	25	21.59	21.71	21.64	22.00
		50	0	21.65	21.79	21.81	22.00
	16QAM	1	0	21.50	21.55	21.58	22.00
		1	25	21.12	21.49	21.89	22.00
		1	49	21.71	21.85	21.44	22.00
		25	0	20.44	20.96	20.95	21.00
		25	13	20.82	20.69	20.83	21.00
		25	25	20.60	20.96	20.85	21.00
		50	0	20.71	20.93	20.90	21.00
	64QAM	1	0	20.42	20.67	20.40	21.00
		1	25	20.56	20.89	20.76	21.00
		1	49	20.53	20.61	20.48	21.00
		25	0	19.67	19.86	19.74	20.00
		25	13	19.67	19.70	19.82	20.00
		25	25	19.71	19.75	19.59	20.00
		50	0	19.65	19.80	19.81	20.00
	256QAM	1	0	17.09	17.87	17.93	18.00
		1	25	17.77	17.68	17.60	18.00
		1	49	17.65	17.73	17.47	18.00
		25	0	17.69	17.80	17.65	18.00
		25	13	17.71	17.71	17.72	18.00
		25	25	17.54	17.60	17.75	18.00
		50	0	17.25	17.85	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.49	22.80	22.72	23.00
		1	38	22.44	22.90	22.57	23.00
		1	74	22.48	22.47	22.39	23.00
		36	0	21.68	21.89	21.75	22.00
		36	18	21.72	22.00	21.88	22.00
		36	39	21.69	21.79	21.72	22.00
		75	0	21.68	21.78	21.74	22.00
	16QAM	1	0	21.58	21.59	21.67	22.00
		1	38	21.11	21.57	21.81	22.00
		1	74	21.64	21.88	21.39	22.00
		36	0	20.35	20.20	20.88	21.00
		36	18	20.72	20.78	20.78	21.00
		36	39	20.59	20.92	20.77	21.00
		75	0	20.69	20.94	20.87	21.00

	64QAM	1	0	20.46	20.71	20.65	21.00
		1	38	20.63	20.89	20.73	21.00
		1	74	20.62	20.62	20.45	21.00
		36	0	19.66	19.84	19.82	20.00
		36	18	19.62	19.77	19.84	20.00
		36	39	19.64	19.83	19.69	20.00
		75	0	19.61	19.74	19.75	20.00
	256QAM	1	0	17.06	17.84	17.87	18.00
		1	38	17.83	17.77	17.70	18.00
		1	74	17.65	17.77	17.41	18.00
		36	0	17.71	17.81	17.66	18.00
		36	18	17.69	17.65	17.77	18.00
		36	39	17.54	18.00	17.82	18.00
		75	0	17.32	17.79	17.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.48	22.70	22.76	23.00
		1	50	22.49	22.96	22.79	23.00
		1	99	22.47	22.52	22.44	23.00
		50	0	21.62	21.88	21.84	22.00
		50	25	21.70	21.90	21.82	22.00
		50	50	21.63	21.84	21.74	22.00
		100	0	21.67	21.81	21.84	22.00
	16QAM	1	0	21.54	21.64	21.74	22.00
		1	50	21.16	21.64	21.80	22.00
		1	99	21.59	21.86	21.32	22.00
		50	0	20.45	20.93	20.93	21.00
		50	25	20.64	20.76	20.86	21.00
		50	50	20.55	20.87	20.86	21.00
		100	0	20.79	20.88	20.79	21.00
	64QAM	1	0	20.49	20.73	20.94	21.00
		1	50	20.58	20.81	20.73	21.00
		1	99	20.71	20.71	20.47	21.00
		50	0	19.65	19.89	19.90	20.00
		50	25	19.62	19.81	19.81	20.00
		50	50	19.73	19.80	19.64	20.00
		100	0	19.59	19.76	19.74	20.00
	256QAM	1	0	17.13	17.83	17.96	18.00
		1	50	17.81	17.81	17.64	18.00
		1	99	17.74	17.86	17.34	18.00
		50	0	17.64	17.88	17.94	18.00
		50	25	17.67	17.75	17.81	18.00
		50	50	17.55	17.93	17.72	18.00
		100	0	17.40	17.79	17.79	18.00

LTE FDD Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.36	23.32	23.22	24.00
		1	2	23.20	23.29	23.26	24.00
		1	5	23.08	23.11	23.14	24.00
		3	0	23.55	23.46	23.47	24.00
		3	2	23.62	23.59	23.61	24.00
		3	3	23.44	23.51	23.45	24.00
		6	0	22.31	22.21	22.16	23.00
	16QAM	1	0	22.27	22.24	22.19	23.00
		1	2	22.05	22.08	21.99	23.00
		1	5	22.29	22.28	22.34	23.00
		3	0	22.53	22.46	22.39	23.00
		3	2	22.37	22.32	22.42	23.00
		3	3	22.29	22.33	22.39	23.00
		6	0	21.35	21.34	21.29	22.00
	64QAM	1	0	21.60	21.53	21.59	22.00
		1	2	21.59	21.55	21.47	22.00
		1	5	21.44	21.38	21.43	22.00

		3	0	21.20	21.30	21.27	22.00
		3	2	21.54	21.46	21.40	22.00
		3	3	21.43	21.53	21.48	22.00
		6	0	20.39	20.38	20.36	21.00
	256QAM	1	0	18.51	18.60	18.64	19.00
		1	2	18.43	18.47	18.50	19.00
		1	5	18.23	18.33	18.23	19.00
		3	0	18.48	18.39	18.42	19.00
		3	2	18.52	18.58	18.53	19.00
		3	3	18.49	18.48	18.41	19.00
		6	0	18.51	18.47	18.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.24	23.31	23.24	24.00
		1	7	23.17	23.21	23.11	24.00
		1	14	23.24	23.16	23.13	24.00
		8	0	22.50	22.44	22.38	23.00
		8	4	22.55	22.51	22.51	23.00
		8	7	22.57	22.50	22.48	23.00
		15	0	22.22	22.21	22.17	23.00
	16QAM	1	0	22.16	22.22	22.13	23.00
		1	7	22.03	22.13	22.03	23.00
		1	14	22.30	22.28	22.28	23.00
		8	0	21.41	21.51	21.53	22.00
		8	4	21.33	21.37	21.42	22.00
		8	7	21.34	21.32	21.27	22.00
		15	0	21.26	21.26	21.34	22.00
	64QAM	1	0	21.54	21.57	21.51	22.00
		1	7	21.59	21.51	21.51	22.00
		1	14	21.34	21.28	21.21	22.00
		8	0	20.44	20.39	20.35	21.00
		8	4	20.45	20.51	20.60	21.00
		8	7	20.44	20.48	20.55	21.00
		15	0	20.30	20.40	20.45	21.00
	256QAM	1	0	18.64	18.60	18.63	19.00
		1	7	18.51	18.47	18.54	19.00
		1	14	18.33	18.34	18.34	19.00
		8	0	18.27	18.35	18.27	19.00
		8	4	18.56	18.56	18.58	19.00
		8	7	18.56	18.46	18.56	19.00
		15	0	18.37	18.37	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.29	23.27	23.17	24.00
		1	13	23.21	23.28	23.21	24.00
		1	24	23.19	23.23	23.32	24.00
		12	0	22.33	22.35	22.38	23.00
		12	6	22.42	22.50	22.56	23.00
		12	13	22.65	22.60	22.70	23.00
		25	0	22.24	22.25	22.17	23.00
	16QAM	1	0	22.28	22.24	22.24	23.00
		1	13	22.02	22.03	22.00	23.00
		1	24	22.11	22.21	22.31	23.00
		12	0	21.56	21.47	21.40	22.00
		12	6	21.43	21.47	21.46	22.00
		12	13	21.31	21.23	21.21	22.00
		25	0	21.29	21.36	21.31	22.00
	64QAM	1	0	21.64	21.56	21.46	22.00
		1	13	21.54	21.47	21.56	22.00
		1	24	21.34	21.34	21.29	22.00
		12	0	20.38	20.39	20.35	21.00
		12	6	20.52	20.56	20.53	21.00
		12	13	20.61	20.55	20.52	21.00
		25	0	20.26	20.32	20.33	21.00
	256QAM	1	0	18.65	18.64	18.62	19.00
		1	13	18.42	18.40	18.44	19.00
		1	24	18.44	18.39	18.43	19.00

		12	0	18.42	18.43	18.41	19.00
		12	6	18.50	18.47	18.39	19.00
		12	13	18.61	18.53	18.63	19.00
		25	0	18.38	18.40	18.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	23.33	/	24.00
		1	25	/	23.35	/	24.00
		1	49	/	23.33	/	24.00
		25	0	/	22.42	/	23.00
		25	13	/	22.41	/	23.00
		25	25	/	22.51	/	23.00
		50	0	/	22.33	/	23.00
	16QAM	1	0	/	22.26	/	23.00
		1	25	/	21.95	/	23.00
		1	49	/	22.14	/	23.00
		25	0	/	21.41	/	22.00
		25	13	/	21.43	/	22.00
		25	25	/	21.26	/	22.00
		50	0	/	21.34	/	22.00
	64QAM	1	0	/	21.53	/	22.00
		1	25	/	21.48	/	22.00
		1	49	/	21.36	/	22.00
		25	0	/	20.32	/	21.00
		25	13	/	20.50	/	21.00
		25	25	/	20.45	/	21.00
		50	0	/	20.34	/	21.00
	256QAM	1	0	/	18.56	/	19.00
		1	25	/	18.49	/	19.00
		1	49	/	18.31	/	19.00
		25	0	/	18.40	/	19.00
		25	13	/	18.48	/	19.00
		25	25	/	18.49	/	19.00
		50	0	/	18.46	/	19.00

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.33	/	24.00
		1	13	/	23.49	/	24.00
		1	24	/	23.36	/	24.00
		12	0	/	22.32	/	23.00
		12	6	/	22.25	/	23.00
		12	13	/	22.30	/	23.00
	16QAM	25	0	/	22.26	/	23.00
		1	0	/	22.06	/	23.00
		1	13	/	22.42	/	23.00
		1	24	/	21.91	/	23.00
		12	0	/	21.34	/	22.00
		12	6	/	21.49	/	22.00
	64QAM	12	13	/	21.25	/	22.00
		25	0	/	21.32	/	22.00
		1	0	/	20.93	/	22.00
		1	13	/	21.24	/	22.00
		1	24	/	21.26	/	22.00
		12	0	/	20.22	/	21.00
	256QAM	12	6	/	20.13	/	21.00
		12	13	/	20.32	/	21.00
		25	0	/	20.37	/	21.00
		1	0	/	17.92	/	19.00
		1	13	/	18.33	/	19.00
		1	24	/	18.35	/	19.00
10MHz	QPSK	12	6	/	18.28	/	19.00
		12	13	/	18.26	/	19.00
		12	13	/	18.31	/	19.00
		25	0	/	18.39	/	19.00
		1	0	/	23.25	/	24.00
		1	25	/	23.47	/	24.00
	16QAM	1	49	/	23.26	/	24.00
		25	0	/	22.29	/	23.00
		25	13	/	22.21	/	23.00
		25	25	/	22.25	/	23.00
		50	0	/	22.17	/	23.00
		1	0	/	22.01	/	23.00
	64QAM	1	25	/	22.32	/	23.00
		1	49	/	21.86	/	23.00
		25	0	/	21.31	/	22.00
		25	13	/	21.39	/	22.00
		25	25	/	21.27	/	22.00
		50	0	/	21.27	/	22.00
	256QAM	1	0	/	21.00	/	22.00
		1	25	/	21.32	/	22.00
		1	49	/	21.16	/	22.00
		25	0	/	20.30	/	21.00
		25	13	/	20.22	/	21.00
		25	25	/	20.28	/	21.00
LTE FDD Band 14	QPSK	50	0	/	20.28	/	21.00
		1	0	/	17.91	/	19.00
		1	25	/	18.29	/	19.00
		1	49	/	18.44	/	19.00
		25	0	/	18.33	/	19.00
		25	13	/	18.29	/	19.00
	16QAM	25	25	/	18.37	/	19.00
		50	0	/	18.32	/	19.00
		1	0	/	23.25	/	24.00
		1	25	/	23.47	/	24.00
		1	49	/	23.26	/	24.00
		25	0	/	22.29	/	23.00
	64QAM	25	13	/	22.21	/	23.00
		25	25	/	22.25	/	23.00
		50	0	/	22.17	/	23.00
		1	0	/	22.01	/	23.00
		1	25	/	22.32	/	23.00
		1	49	/	21.86	/	23.00
	256QAM	25	0	/	21.31	/	22.00
		25	13	/	21.39	/	22.00
		25	25	/	21.27	/	22.00
		50	0	/	21.27	/	22.00
		1	0	/	21.00	/	22.00
		1	25	/	21.32	/	22.00

LTE FDD Band 14				Conducted Power(dBm)			
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
5MHz	QPSK	1	0	/	23.23	/	24.00
		1	13	/	23.29	/	24.00
		1	24	/	23.09	/	24.00
		12	0	/	22.30	/	23.00
		12	6	/	22.18	/	23.00
		12	13	/	22.08	/	23.00
	16QAM	25	0	/	22.00	/	23.00
		1	0	/	22.33	/	23.00
		1	13	/	21.65	/	23.00
		1	24	/	22.05	/	23.00
		12	0	/	21.30	/	22.00
		12	6	/	21.09	/	22.00
	64QAM	12	13	/	21.21	/	22.00
		25	0	/	21.00	/	22.00
		1	0	/	21.41	/	22.00
		1	13	/	21.15	/	22.00
		1	24	/	20.88	/	22.00
		12	0	/	20.22	/	21.00
	256QAM	12	6	/	20.26	/	21.00
		12	13	/	20.20	/	21.00
		25	0	/	20.13	/	21.00
		1	0	/	18.14	/	19.00
		1	13	/	18.16	/	19.00
		1	24	/	18.13	/	19.00
10MHz	QPSK	12	6	/	18.16	/	19.00
		12	13	/	18.18	/	19.00
		12	13	/	18.10	/	19.00
		25	0	/	18.05	/	19.00
	16QAM	1	0	/	23.22	/	24.00
		1	25	/	23.32	/	24.00
		1	49	/	23.06	/	24.00
		25	0	/	22.22	/	23.00
		25	13	/	22.15	/	23.00
		25	25	/	22.11	/	23.00
	64QAM	50	0	/	22.09	/	23.00
		1	0	/	22.25	/	23.00
		1	25	/	21.70	/	23.00
		1	49	/	22.10	/	23.00
		25	0	/	21.22	/	22.00
		25	13	/	21.18	/	22.00
	256QAM	25	25	/	21.12	/	22.00
		50	0	/	21.10	/	22.00
		1	0	/	21.42	/	22.00
		1	25	/	21.06	/	22.00
		1	49	/	20.97	/	22.00
		25	0	/	20.24	/	21.00
		25	13	/	20.17	/	21.00
		25	25	/	20.20	/	21.00
		50	0	/	20.20	/	21.00
		1	0	/	18.13	/	19.00
		1	25	/	18.20	/	19.00
		1	49	/	18.21	/	19.00
		25	0	/	18.15	/	19.00
		25	13	/	18.27	/	19.00
		25	25	/	18.08	/	19.00
		50	0	/	18.10	/	19.00

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	

5MHz	QPSK	1	0	/	23.49	/	24.00
		1	13	/	23.38	/	24.00
		1	24	/	23.46	/	24.00
		12	0	/	22.42	/	23.00
		12	6	/	22.48	/	23.00
		12	13	/	22.52	/	23.00
		25	0	/	22.29	/	23.00
	16QAM	1	0	/	21.59	/	23.00
		1	13	/	22.14	/	23.00
		1	24	/	22.22	/	23.00
		12	0	/	21.50	/	22.00
		12	6	/	21.44	/	22.00
		12	13	/	21.50	/	22.00
	64QAM	25	0	/	21.37	/	22.00
		1	0	/	21.52	/	22.00
		1	13	/	21.30	/	22.00
		1	24	/	21.42	/	22.00
		12	0	/	20.25	/	21.00
		12	6	/	20.38	/	21.00
	256QAM	12	13	/	20.46	/	21.00
		25	0	/	20.43	/	21.00
		1	0	/	18.28	/	19.00
		1	13	/	18.55	/	19.00
		1	24	/	18.42	/	19.00
		12	0	/	18.48	/	19.00
	256QAM	12	6	/	18.41	/	19.00
		12	13	/	18.42	/	19.00
		25	0	/	18.47	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	23.46	/	24.00
		1	25	/	23.35	/	24.00
		1	49	/	23.41	/	24.00
		25	0	/	22.42	/	23.00
		25	13	/	22.40	/	23.00
		25	25	/	22.49	/	23.00
	16QAM	50	0	/	22.34	/	23.00
		1	0	/	21.64	/	23.00
		1	25	/	22.05	/	23.00
		1	49	/	22.25	/	23.00
		25	0	/	21.43	/	22.00
		25	13	/	21.51	/	22.00
	64QAM	25	25	/	21.42	/	22.00
		50	0	/	21.43	/	22.00
		1	0	/	21.45	/	22.00
		1	25	/	21.27	/	22.00
		1	49	/	21.49	/	22.00
		25	0	/	20.28	/	21.00
	256QAM	25	13	/	20.40	/	21.00
		25	25	/	20.47	/	21.00
		50	0	/	20.43	/	21.00
		1	0	/	18.29	/	19.00
		1	25	/	18.46	/	19.00
		1	49	/	18.45	/	19.00
	256QAM	25	0	/	18.47	/	19.00
		25	13	/	18.42	/	19.00
		25	25	/	18.45	/	19.00
		50	0	/	18.43	/	19.00

LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26047	26365	26683	23.00
		1	2	22.22	22.41	22.56	23.00
				22.65	22.46	22.40	23.00

		1	5	22.08	22.50	22.03	23.00		
		3	0	22.47	22.54	22.23	23.00		
		3	2	22.58	22.38	22.44	23.00		
		3	3	22.52	22.53	22.35	23.00		
		6	0	21.51	21.60	21.53	22.00		
		16QAM	1	0	21.27	21.17	21.34	22.00	
			1	2	21.55	21.39	21.56	22.00	
			1	5	21.40	21.03	20.70	22.00	
			3	0	21.45	21.58	21.78	22.00	
			3	2	21.57	21.29	21.75	22.00	
	3		3	21.73	21.67	21.44	22.00		
	6		0	20.81	20.39	20.26	21.00		
	64QAM	1	0	20.44	20.83	19.94	21.00		
		1	2	20.56	20.47	20.33	21.00		
		1	5	20.84	20.13	20.80	21.00		
		3	0	20.61	20.74	20.53	21.00		
		3	2	20.60	20.60	20.49	21.00		
		3	3	20.43	20.50	20.68	21.00		
	256QAM	6	0	19.58	19.61	19.74	20.00		
		1	0	17.27	17.22	17.25	18.00		
		1	2	17.27	17.58	17.14	18.00		
		1	5	17.33	17.76	17.33	18.00		
		3	0	17.50	17.41	17.18	18.00		
		3	2	17.67	17.59	17.46	18.00		
3		3	17.86	17.60	17.74	18.00			
6		0	17.64	17.34	17.48	18.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26055	26365	26675			
3MHz	QPSK	1	0	22.28	22.51	22.46	23.00		
		1	7	22.56	22.51	22.34	23.00		
		1	14	22.14	22.54	21.93	23.00		
		8	0	21.37	21.55	21.23	22.00		
		8	4	21.49	21.43	21.43	22.00		
		8	7	21.54	21.57	21.45	22.00		
	16QAM	15	0	21.59	21.58	21.61	22.00		
		1	0	21.23	21.26	21.39	22.00		
		1	7	21.49	21.32	21.52	22.00		
		1	14	21.44	20.95	20.79	22.00		
		8	0	20.46	20.51	20.69	21.00		
		8	4	20.56	20.39	20.69	21.00		
		8	7	20.72	20.60	20.53	21.00		
		15	0	20.78	20.36	20.36	21.00		
	64QAM	1	0	20.34	20.87	19.92	21.00		
		1	7	20.64	20.44	20.42	21.00		
		1	14	20.76	20.08	20.70	21.00		
		8	0	19.68	19.66	19.50	20.00		
		8	4	19.58	19.65	19.52	20.00		
		8	7	19.41	19.51	19.71	20.00		
	256QAM	15	0	19.63	19.62	19.67	20.00		
		1	0	17.35	17.32	17.25	18.00		
		1	7	17.34	17.57	17.22	18.00		
		1	14	17.39	17.69	17.23	18.00		
		8	0	17.58	17.39	17.23	18.00		
		8	4	17.57	17.59	17.47	18.00		
			8	7	17.83	17.63	17.77	18.00	
			15	0	17.54	17.26	17.55	18.00	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						26065	26365	26665	
5MHz			QPSK	1	0	22.27	22.43	22.36	23.00
	1	13		22.50	22.41	22.38	23.00		
	1	24		22.21	22.56	22.03	23.00		
	12	0		21.38	21.50	21.29	22.00		
	12	6		21.57	21.53	21.44	22.00		
	12	13		21.54	21.51	21.45	22.00		
	16QAM	25	0	21.65	21.53	21.70	22.00		
		1	0	21.19	21.34	21.41	22.00		
		1	13	21.39	21.42	21.44	22.00		

		1	24	21.43	20.98	20.85	22.00
		12	0	20.45	20.52	20.62	21.00
		12	6	20.63	20.39	20.73	21.00
		12	13	20.69	20.58	20.51	21.00
		25	0	20.72	20.45	20.46	21.00
	64QAM	1	0	20.24	20.77	19.98	21.00
		1	13	20.63	20.46	20.40	21.00
		1	24	20.80	20.06	20.71	21.00
		12	0	19.58	19.59	19.49	20.00
		12	6	19.61	19.63	19.54	20.00
	256QAM	12	13	19.41	19.55	19.64	20.00
		25	0	19.57	19.52	19.65	20.00
		1	0	17.34	17.37	17.18	18.00
		1	13	17.40	17.67	17.18	18.00
		1	24	17.43	17.59	17.15	18.00
		12	0	17.60	17.35	17.31	18.00
		12	6	17.60	17.50	17.57	18.00
		12	13	17.82	17.55	17.68	18.00
		25	0	17.53	17.31	17.57	18.00
		25	0	17.53	17.31	17.57	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	26090	26365	26640	23.00
		1	25	22.36	22.39	22.46	23.00
		1	49	22.46	22.47	22.32	23.00
		1	49	22.13	22.47	22.12	23.00
		25	0	21.46	21.47	21.37	22.00
		25	13	21.51	21.50	21.41	22.00
		25	25	21.49	21.45	21.45	22.00
	16QAM	50	0	21.55	21.51	21.66	22.00
		1	0	21.28	21.36	21.48	22.00
		1	25	21.37	21.38	21.41	22.00
		1	49	21.35	20.99	20.85	22.00
		25	0	20.39	20.54	20.57	21.00
		25	13	20.57	20.49	20.77	21.00
		25	25	20.61	20.60	20.43	21.00
	64QAM	50	0	20.72	20.37	20.41	21.00
		1	0	20.34	20.68	20.00	21.00
		1	25	20.61	20.46	20.43	21.00
		1	49	20.78	20.16	20.61	21.00
		25	0	19.54	19.52	19.54	20.00
		25	13	19.61	19.64	19.60	20.00
		25	25	19.51	19.51	19.65	20.00
	256QAM	50	0	19.59	19.58	19.62	20.00
		1	0	17.29	17.30	17.18	18.00
		1	25	17.47	17.73	17.17	18.00
		1	49	17.53	17.57	17.22	18.00
		25	0	17.52	17.42	17.34	18.00
		25	13	17.50	17.56	17.50	18.00
		25	25	17.74	17.48	17.72	18.00
		50	0	17.52	17.41	17.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	26115	26365	26615	23.00
		1	38	22.26	22.48	22.52	23.00
		1	74	22.55	22.56	22.35	23.00
		1	74	22.15	22.44	22.08	23.00
		36	0	21.54	21.45	21.42	22.00
		36	18	21.48	21.53	21.46	22.00
		36	39	21.54	21.44	21.40	22.00
	16QAM	75	0	21.54	21.43	21.57	22.00
		1	0	21.20	21.35	21.41	22.00
		1	38	21.44	21.29	21.38	22.00
		1	74	21.41	20.99	20.91	22.00
		36	0	20.46	20.57	20.47	21.00
		36	18	20.58	20.47	20.68	21.00
		36	39	20.58	20.57	20.44	21.00
	64QAM	75	0	20.62	20.43	20.49	21.00
		1	0	20.44	20.68	19.91	21.00
		1	38	20.61	20.43	20.38	21.00

		1	74	20.69	20.16	20.55	21.00
		36	0	19.45	19.53	19.52	20.00
		36	18	19.65	19.59	19.64	20.00
		36	39	19.53	19.46	19.60	20.00
		75	0	19.65	19.48	19.53	20.00
	256QAM	1	0	17.33	17.33	17.26	18.00
		1	38	17.55	17.64	17.23	18.00
		1	74	17.55	17.48	17.23	18.00
		36	0	17.51	17.46	17.35	18.00
		36	18	17.56	17.56	17.57	18.00
		36	39	17.73	17.44	17.66	18.00
		75	0	17.60	17.39	17.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.32	22.50	22.47	23.00
		1	50	22.47	22.48	22.38	23.00
		1	99	22.17	22.36	22.06	23.00
		50	0	21.47	21.46	21.48	22.00
		50	25	21.56	21.48	21.50	22.00
		50	50	21.56	21.52	21.45	22.00
		100	0	21.55	21.45	21.62	22.00
	16QAM	1	0	21.12	21.44	21.37	22.00
		1	50	21.38	21.32	21.46	22.00
		1	99	21.40	21.07	20.94	22.00
		50	0	20.55	20.47	20.48	21.00
		50	25	20.63	20.45	20.58	21.00
		50	50	20.54	20.56	20.51	21.00
		100	0	20.54	20.52	20.55	21.00
	64QAM	1	0	20.48	20.63	20.00	21.00
		1	50	20.56	20.36	20.46	21.00
		1	99	20.70	20.12	20.47	21.00
		50	0	19.52	19.57	19.51	20.00
		50	25	19.61	19.51	19.59	20.00
		50	50	19.59	19.56	19.52	20.00
		100	0	19.55	19.50	19.58	20.00
	256QAM	1	0	17.43	17.39	17.28	18.00
		1	50	17.54	17.58	17.14	18.00
		1	99	17.63	17.44	17.24	18.00
		50	0	17.55	17.49	17.37	18.00
		50	25	17.62	17.52	17.59	18.00
		50	50	17.63	17.49	17.61	18.00
		100	0	17.62	17.41	17.55	18.00

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.53	22.47	22.38	24.00
		1	2	22.68	22.64	22.71	24.00
		1	5	22.81	22.81	22.82	24.00
		3	0	22.95	22.89	22.81	24.00
		3	2	22.96	22.94	22.87	24.00
		3	3	22.79	22.89	22.84	24.00
		6	0	21.61	21.65	21.66	23.00
	16QAM	1	0	21.02	21.03	21.00	23.00
		1	2	21.75	21.72	21.68	23.00
		1	5	21.68	21.58	21.67	23.00
		3	0	21.85	21.97	21.97	23.00
		3	2	21.67	21.74	21.81	23.00
		3	3	21.96	21.66	21.97	23.00
		6	0	20.84	20.87	20.92	22.00
	64QAM	1	0	20.39	20.37	20.27	22.00
		1	2	20.40	20.35	20.45	22.00
		1	5	20.26	20.28	20.36	22.00
		3	0	20.96	20.93	20.94	22.00
		3	2	20.85	20.83	20.89	22.00

	256QAM	3	3	20.89	20.84	20.90	22.00
		6	0	19.90	19.97	19.93	21.00
		1	0	17.88	17.81	17.80	19.00
		1	2	17.74	17.66	17.74	19.00
		1	5	17.72	17.67	17.76	19.00
		3	0	17.87	17.88	17.81	19.00
		3	2	17.72	17.78	17.71	19.00
		3	3	17.80	17.74	17.64	19.00
		6	0	17.94	17.99	17.99	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	22.38	22.46	22.52	24.00
		1	7	22.63	22.58	22.61	24.00
		1	14	22.65	22.73	22.66	24.00
		8	0	21.90	21.93	21.93	23.00
		8	4	21.82	21.88	21.93	23.00
		8	7	21.78	21.79	21.88	23.00
		15	0	21.71	21.69	21.71	23.00
	16QAM	1	0	21.44	21.50	21.00	23.00
		1	7	21.74	21.82	21.75	23.00
		1	14	21.67	21.59	21.69	23.00
		8	0	20.91	20.87	20.95	22.00
		8	4	20.84	20.81	20.88	22.00
		8	7	20.98	20.94	20.93	22.00
		15	0	20.77	20.82	20.79	22.00
	64QAM	1	0	20.36	20.27	20.25	22.00
		1	7	20.35	20.32	20.32	22.00
		1	14	20.24	20.28	20.18	22.00
		8	0	19.97	19.93	19.89	21.00
		8	4	19.69	19.76	19.66	21.00
		8	7	19.95	19.89	19.81	21.00
		15	0	19.95	19.89	19.86	21.00
	256QAM	1	0	17.86	17.76	17.66	19.00
		1	7	17.56	17.56	17.64	19.00
		1	14	17.60	17.67	17.75	19.00
		8	0	17.89	17.89	17.88	19.00
		8	4	17.70	17.72	17.68	19.00
		8	7	17.91	17.83	17.79	19.00
		15	0	17.99	17.85	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	22.45	22.43	22.36	24.00
		1	13	22.54	22.64	22.58	24.00
		1	24	22.81	22.73	22.75	24.00
		12	0	21.94	21.85	21.89	23.00
		12	6	21.80	21.87	21.89	23.00
		12	13	21.63	21.71	21.70	23.00
		25	0	21.63	21.73	21.83	23.00
	16QAM	1	0	21.44	21.40	21.30	23.00
		1	13	21.80	21.87	21.87	23.00
		1	24	21.46	21.50	21.47	23.00
		12	0	20.71	20.81	20.79	22.00
		12	6	20.82	20.75	20.77	22.00
		12	13	20.80	20.84	20.88	22.00
		25	0	20.84	20.87	20.80	22.00
	64QAM	1	0	20.30	20.31	20.25	22.00
		1	13	20.21	20.31	20.35	22.00
		1	24	20.42	20.33	20.23	22.00
		12	0	19.82	19.87	19.84	21.00
		12	6	19.85	19.85	19.91	21.00
		12	13	19.93	19.85	19.88	21.00
		25	0	19.84	19.83	19.79	21.00
	256QAM	1	0	17.68	17.77	17.79	19.00
		1	13	17.69	17.59	17.58	19.00
		1	24	17.67	17.71	17.64	19.00
		12	0	17.90	17.87	17.78	19.00
		12	6	17.79	17.71	17.75	19.00

		12	13	17.68	17.73	17.67	19.00
		25	0	17.90	17.98	17.93	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.50	22.52	22.61	24.00
		1	25	22.70	22.70	22.69	24.00
		1	49	22.56	22.63	22.71	24.00
		25	0	21.99	21.94	21.96	23.00
		25	13	21.93	21.92	21.84	23.00
		25	25	21.70	21.74	21.82	23.00
	16QAM	50	0	21.89	21.81	21.80	23.00
		1	0	21.24	21.32	21.38	23.00
		1	25	21.84	21.87	21.79	23.00
		1	49	21.66	21.59	21.65	23.00
		25	0	20.63	20.72	20.78	22.00
		25	13	20.63	20.73	20.79	22.00
	64QAM	25	25	20.76	20.85	20.76	22.00
		50	0	20.90	20.91	20.92	22.00
		1	0	20.47	20.37	20.43	22.00
		1	25	20.40	20.37	20.46	22.00
		1	49	20.42	20.34	20.34	22.00
		25	0	19.91	19.82	19.80	21.00
	256QAM	25	13	19.69	19.77	19.85	21.00
		25	25	19.92	19.92	19.97	21.00
		50	0	19.89	19.85	19.84	21.00
		1	0	17.89	17.82	17.86	19.00
		1	25	17.58	17.50	17.56	19.00
		1	49	17.64	17.68	17.60	19.00
15MHz	QPSK	25	0	17.68	17.77	17.84	19.00
		25	13	17.67	17.76	17.73	19.00
		25	25	17.78	17.83	17.93	19.00
		50	0	17.98	17.93	17.90	19.00
	16QAM	1	0	/	26865	/	Tune up
		1	38	/	22.61	/	
		1	74	/	22.76	/	24.00
		36	0	/	22.71	/	24.00
		36	18	/	21.89	/	23.00
		36	39	/	21.85	/	23.00
	64QAM	75	0	/	21.84	/	23.00
		1	0	/	21.91	/	23.00
		1	38	/	21.30	/	23.00
		1	74	/	21.86	/	23.00
		36	0	/	21.56	/	23.00
		36	18	/	20.78	/	22.00
	256QAM	36	39	/	20.75	/	22.00
		75	0	/	20.76	/	22.00
		1	0	/	20.90	/	22.00
		1	38	/	20.44	/	22.00
		1	74	/	20.42	/	22.00
		36	0	/	20.41	/	22.00
LTE Band 66	QPSK	36	18	/	19.79	/	21.00
		36	39	/	19.77	/	21.00
		75	0	/	19.84	/	21.00
		1	0	/	19.93	/	21.00
		1	38	/	17.86	/	19.00
		1	74	/	17.42	/	19.00
	16QAM	36	0	/	17.66	/	19.00
		36	18	/	17.78	/	19.00
		36	39	/	17.79	/	19.00
		75	0	/	17.81	/	19.00
		1	0	/	17.92	/	19.00
		1	38	/	17.92	/	19.00

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

				131979	132322	132665	
1.4MHz	QPSK	1	0	20.54	20.81	20.72	21.50
		1	2	20.43	20.67	20.60	21.50
		1	5	20.63	20.92	20.17	21.50
		3	0	20.69	20.61	21.14	21.50
		3	1	20.83	20.79	21.01	21.50
		3	3	20.73	20.90	20.57	21.50
	16QAM	6	0	20.92	20.62	21.22	21.50
		1	0	20.81	20.79	20.88	21.50
		1	2	20.67	20.79	21.08	21.50
		1	5	20.89	20.70	20.86	21.50
		3	0	20.69	20.79	21.22	21.50
		3	1	20.88	20.73	21.06	21.50
	64QAM	3	3	20.80	20.59	21.04	21.50
		6	0	20.32	20.46	20.52	21.00
		1	0	20.36	20.54	20.41	21.00
		1	2	20.12	20.33	19.84	21.00
		1	5	19.80	20.10	19.89	21.00
		3	0	20.16	20.28	20.45	21.00
	256QAM	3	1	20.51	20.54	20.48	21.00
		3	3	20.55	20.25	20.11	21.00
		6	0	19.24	19.53	19.69	20.00
		1	0	17.51	16.99	17.47	18.00
		1	2	17.31	17.27	16.98	18.00
		1	5	17.07	17.35	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.91	20.85	20.73	21.50
		1	7	20.34	20.72	20.86	21.50
		1	14	20.97	20.95	20.44	21.50
		8	0	21.07	20.89	20.45	21.50
		8	4	21.14	21.08	20.52	21.50
		8	7	20.94	21.01	20.38	21.50
	16QAM	15	0	20.99	20.83	20.28	21.50
		1	0	21.00	21.14	20.19	21.50
		1	7	20.96	20.81	20.36	21.50
		1	14	21.08	21.00	20.17	21.50
		8	0	19.89	20.04	20.50	21.00
		8	4	20.61	20.33	20.52	21.00
	64QAM	8	7	20.53	20.44	20.62	21.00
		15	0	20.51	20.31	20.26	21.00
		1	0	20.36	20.49	20.29	21.00
		1	7	20.03	20.21	19.83	21.00
		1	14	20.40	20.13	20.23	21.00
		8	0	19.28	19.17	19.24	20.00
	256QAM	8	4	19.25	19.56	19.36	20.00
		8	7	19.65	19.30	19.16	20.00
		15	0	19.44	19.69	19.52	20.00
		1	0	17.31	17.37	17.19	18.00
		1	7	17.26	17.59	17.02	18.00
		1	14	17.36	17.68	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.66	20.66	20.63	21.50
		1	13	20.12	20.94	20.67	21.50
		1	24	21.01	20.81	20.31	21.50
		12	0	21.18	20.68	20.51	21.50
		12	6	21.23	20.84	20.34	21.50
		12	13	21.08	20.82	20.28	21.50

	16QAM	25	0	21.03	20.61	20.65	21.50
		1	0	20.85	20.74	20.37	21.50
		1	13	20.92	20.57	20.37	21.50
		1	24	21.12	20.78	20.62	21.50
		12	0	19.97	20.41	20.49	21.00
		12	6	20.54	20.43	20.34	21.00
		12	13	20.46	20.28	20.61	21.00
	64QAM	25	0	20.33	20.43	20.58	21.00
		1	0	20.21	20.49	20.44	21.00
		1	13	19.98	19.92	20.00	21.00
		1	24	19.90	19.93	20.25	21.00
		12	0	19.18	19.27	19.64	20.00
		12	6	19.36	19.44	19.40	20.00
		12	13	19.34	19.59	19.55	20.00
	256QAM	25	0	19.23	19.78	19.41	20.00
		1	0	17.17	17.36	17.22	18.00
		1	13	17.30	17.45	17.23	18.00
		1	24	17.28	17.59	17.49	18.00
		12	0	17.09	17.61	17.16	18.00
		12	6	17.17	17.20	17.53	18.00
		12	13	17.52	17.33	17.74	18.00
		25	0	17.16	17.08	17.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.73	20.73	20.78	21.50
		1	25	20.40	20.95	20.74	21.50
		1	49	21.05	20.82	20.44	21.50
		25	0	20.94	20.81	20.20	21.50
		25	13	20.85	20.81	20.14	21.50
		25	25	20.80	20.91	20.17	21.50
		50	0	21.04	20.92	20.14	21.50
	16QAM	1	0	20.95	20.96	20.22	21.50
		1	25	20.99	21.02	20.39	21.50
		1	49	20.72	20.94	20.17	21.50
		25	0	19.93	20.34	20.40	21.00
		25	13	20.38	20.47	20.55	21.00
		25	25	20.31	20.66	20.35	21.00
		50	0	20.38	20.48	20.32	21.00
	64QAM	1	0	20.39	20.50	20.43	21.00
		1	25	20.16	20.00	19.80	21.00
		1	49	20.01	20.32	20.24	21.00
		25	0	19.45	19.36	19.59	20.00
		25	13	19.35	19.31	19.54	20.00
		25	25	19.64	19.65	19.13	20.00
		50	0	19.32	19.61	19.33	20.00
	256QAM	1	0	17.22	17.50	16.99	18.00
		1	25	17.40	17.66	17.05	18.00
		1	49	17.26	17.36	17.29	18.00
		25	0	17.24	17.59	17.42	18.00
		25	13	17.24	17.38	17.36	18.00
		25	25	17.42	17.35	17.30	18.00
		50	0	17.12	17.39	17.34	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.69	20.94	20.27	21.50
		1	38	20.92	20.77	20.50	21.50
		1	74	20.76	20.76	20.34	21.50
		36	0	20.77	20.78	20.41	21.50
		36	18	20.86	20.94	20.41	21.50
		36	39	20.93	20.97	20.25	21.50
		75	0	20.74	20.96	20.42	21.50
	16QAM	1	0	20.69	20.73	20.29	21.50
		1	38	20.97	21.10	20.27	21.50
		1	74	20.68	20.90	20.34	21.50
		36	0	19.96	20.47	20.33	21.00
		36	18	20.29	20.63	20.46	21.00
		36	39	20.44	20.54	20.73	21.00

	64QAM	75	0	20.28	20.58	20.36	21.00
		1	0	20.43	20.39	20.20	21.00
		1	38	19.87	20.24	20.04	21.00
		1	74	20.22	20.32	20.09	21.00
		36	0	19.23	19.35	19.55	20.00
		36	18	19.37	19.30	19.58	20.00
		36	39	19.68	19.60	19.42	20.00
	256QAM	75	0	19.57	19.39	19.46	20.00
		1	0	17.33	17.19	17.19	18.00
		1	38	17.39	17.69	16.90	18.00
		1	74	17.32	17.35	17.40	18.00
		36	0	17.03	17.42	17.29	18.00
		36	18	17.51	17.23	17.37	18.00
		36	39	17.28	17.51	17.35	18.00
		75	0	17.34	17.06	17.36	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.79	20.96	20.95	21.50
		1	50	20.18	20.78	20.93	21.50
		1	99	21.07	20.97	20.96	21.50
		50	0	20.97	20.68	20.56	21.50
		50	25	20.93	20.65	20.59	21.50
		50	50	21.17	20.61	20.59	21.50
		100	0	20.95	20.59	20.48	21.50
	16QAM	1	0	21.11	20.78	20.42	21.50
		1	50	21.03	20.61	20.63	21.50
		1	99	20.93	20.82	20.59	21.50
		50	0	20.01	20.20	20.27	21.00
		50	25	20.22	20.64	20.60	21.00
		50	50	20.39	20.60	20.46	21.00
		100	0	20.29	20.54	20.35	21.00
	64QAM	1	0	20.52	20.41	20.29	21.00
		1	50	19.85	20.16	19.86	21.00
		1	99	19.94	20.19	20.31	21.00
		50	0	19.30	19.06	19.48	20.00
		50	25	19.53	19.62	19.40	20.00
		50	50	19.31	19.43	19.31	20.00
		100	0	19.33	19.34	19.51	20.00
	256QAM	1	0	17.13	17.20	17.33	18.00
		1	50	17.49	17.41	16.92	18.00
		1	99	17.13	17.15	17.31	18.00
		50	0	17.09	17.42	17.24	18.00
		50	25	17.25	17.28	17.60	18.00
		50	50	17.60	17.29	17.55	18.00
		100	0	17.36	17.36	17.33	18.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.71	22.63	22.69	23.00
		1	13	22.79	22.78	22.82	23.00
		1	24	22.52	22.46	22.42	23.00
		12	0	21.76	21.74	21.74	22.00
		12	6	21.71	21.66	21.76	22.00
		12	13	21.90	21.80	21.81	22.00
		25	0	21.69	21.71	21.70	22.00
	16QAM	1	0	21.32	21.35	21.43	22.00
		1	13	21.74	21.67	21.66	22.00
		1	24	21.75	21.79	21.89	22.00
		12	0	20.68	20.68	20.74	21.00
		12	6	20.66	20.75	20.80	21.00
		12	13	20.70	20.67	20.58	21.00
		25	0	20.58	20.68	20.61	21.00
	64QAM	1	0	20.64	20.57	20.58	21.00
		1	13	20.91	20.83	20.89	21.00

		1	24	20.67	20.59	20.52	21.00			
		12	0	19.51	19.54	19.57	20.00			
		12	6	19.85	19.91	19.96	20.00			
		12	13	19.78	19.86	19.85	20.00			
		25	0	19.49	19.53	19.63	20.00			
	256QAM	1	0	17.88	17.90	17.98	18.00			
		1	13	17.93	17.88	17.88	18.00			
		1	24	17.61	17.59	17.50	18.00			
		12	0	17.76	17.68	17.62	18.00			
		12	6	17.60	17.63	17.57	18.00			
12	13	17.66	17.65	17.50	18.00					
25	0	17.70	17.99	17.89	18.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				37800	38000	38200				
10MHz	QPSK	1	0	22.69	22.72	22.70	23.00			
		1	25	22.94	22.84	22.87	23.00			
		1	49	22.52	22.52	22.48	23.00			
		25	0	21.81	21.73	21.79	22.00			
		25	13	21.81	21.71	21.78	22.00			
		25	25	21.75	21.78	21.77	22.00			
	16QAM	50	0	21.78	21.70	21.80	22.00			
		1	0	21.40	21.43	21.41	22.00			
		1	25	21.58	21.59	21.50	22.00			
		1	49	21.72	21.69	21.66	22.00			
		25	0	20.64	20.62	20.72	21.00			
		25	13	20.77	20.78	20.76	21.00			
	64QAM	25	25	20.65	20.70	20.79	21.00			
		50	0	20.75	20.77	20.73	21.00			
		1	0	20.57	20.65	20.60	21.00			
		1	25	20.97	20.92	20.82	21.00			
		1	49	20.72	20.68	20.77	21.00			
		25	0	19.71	19.61	19.51	20.00			
	256QAM	25	13	19.89	19.82	19.76	20.00			
		25	25	19.73	19.80	19.75	20.00			
		50	0	19.68	19.60	19.55	20.00			
		1	0	17.85	17.81	17.75	18.00			
		1	25	17.76	17.83	17.85	18.00			
		1	49	17.71	17.69	17.74	18.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				37825	38000	38175				
				1	0	22.61		22.65	22.56	23.00
				1	38	22.73		22.76	22.72	23.00
				1	74	22.60		22.59	22.51	23.00
				36	0	21.62		21.70	21.70	22.00
				36	18	21.62		21.68	21.70	22.00
				36	39	21.82		21.72	21.68	22.00
				75	0	21.78		21.75	21.85	22.00
15MHz	16QAM	1	0	21.53	21.50	21.51	22.00			
		1	38	21.57	21.67	21.60	22.00			
		1	74	21.72	21.77	21.87	22.00			
		36	0	20.67	20.65	20.74	21.00			
		36	18	20.72	20.80	20.72	21.00			
		36	39	20.87	20.80	20.74	21.00			
	64QAM	75	0	20.78	20.81	20.74	21.00			
		1	0	20.54	20.62	20.65	21.00			
		1	38	20.84	20.83	20.75	21.00			
1		74	20.69	20.66	20.70	21.00				
36		0	19.61	19.70	19.69	20.00				
36		18	19.91	19.82	19.87	20.00				
256QAM	36	39	19.71	19.76	19.78	20.00				
	75	0	19.58	19.67	19.64	20.00				
	1	0	17.76	17.81	17.74	18.00				
	1	38	17.68	17.77	17.69	18.00				
	1	74	20.69	20.66	20.70	21.00				
	36	0	19.61	19.70	19.69	20.00				
	36	18	19.91	19.82	19.87	20.00				
	36	39	19.71	19.76	19.78	20.00				
	75	0	19.58	19.67	19.64	20.00				

		1	74	17.85	17.78	17.75	18.00
		36	0	17.67	17.74	17.82	18.00
		36	18	17.72	17.73	17.69	18.00
		36	39	17.77	17.85	17.86	18.00
		75	0	17.87	17.81	17.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	22.68	/	23.00
		1	50	/	22.79	/	23.00
		1	99	/	22.58	/	23.00
		50	0	/	21.67	/	22.00
		50	25	/	21.70	/	22.00
		50	50	/	21.79	/	22.00
	16QAM	100	0	/	21.69	/	22.00
		1	0	/	21.43	/	22.00
		1	50	/	21.69	/	22.00
		1	99	/	21.71	/	22.00
		50	0	/	20.65	/	21.00
		50	25	/	20.73	/	21.00
	64QAM	50	50	/	20.81	/	21.00
		100	0	/	20.71	/	21.00
		1	0	/	20.59	/	21.00
		1	50	/	20.88	/	21.00
		1	99	/	20.63	/	21.00
		50	0	/	19.71	/	20.00
20MHz	256QAM	50	25	/	19.75	/	20.00
		50	50	/	19.77	/	20.00
		100	0	/	19.71	/	20.00
		1	0	/	17.74	/	18.00
		1	50	/	17.70	/	18.00
		1	99	/	17.75	/	18.00
	256QAM	50	0	/	17.67	/	18.00
		50	25	/	17.70	/	18.00
		50	50	/	17.77	/	18.00
		100	0	/	17.74	/	18.00

LTE Band 41 2496 - 2690 PC3				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	39675	40148	40620	41093	41565			
		1	0	22.59	22.67	22.57	22.53	22.85	23.00
		1	13	22.49	22.38	22.40	22.50	22.74	23.00
		1	24	22.57	22.67	22.68	22.62	22.69	23.00
		12	0	21.59	21.70	21.81	21.57	21.73	22.00
		12	6	21.62	21.63	21.60	21.63	21.48	22.00
	16QAM	12	13	21.66	21.73	21.55	21.68	21.54	22.00
		25	0	21.68	21.60	21.51	21.62	21.62	22.00
		1	0	21.55	21.65	21.82	21.69	21.66	22.00
		1	13	21.44	21.77	21.50	21.28	21.54	22.00
		1	24	21.57	21.52	21.53	21.55	21.47	22.00
		12	0	20.56	20.58	20.75	20.58	20.81	21.00
	64QAM	12	6	20.46	20.78	20.85	20.49	20.66	21.00
		12	13	20.63	20.70	20.85	20.87	20.54	21.00
		25	0	20.73	20.73	20.59	20.69	20.59	21.00
		1	0	20.86	20.87	20.92	20.66	21.00	21.00
		1	13	20.87	20.71	20.76	20.65	20.67	21.00
		1	24	20.82	20.81	20.87	20.82	20.90	21.00
5MHz	256QAM	12	0	19.60	19.69	19.62	19.59	19.30	20.00
		12	6	19.56	19.67	19.70	19.69	19.63	20.00
		12	13	19.58	19.49	19.45	19.55	19.56	20.00
		25	0	19.71	19.64	19.67	19.70	19.50	20.00
		1	0	17.70	17.70	17.70	17.76	17.83	18.00
		1	13	17.84	17.62	17.57	18.02	17.74	18.00
	256QAM	1	24	17.78	17.56	17.77	17.81	17.71	18.00
		12	0	17.54	17.62	17.63	17.62	17.57	18.00
		12	6	17.73	17.80	17.82	17.61	17.76	18.00

		12	13	17.67	17.60	17.47	17.83	17.48	18.00
		25	0	17.61	17.78	17.76	17.86	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.65	22.63	22.63	22.52	22.89	23.00
		1	25	22.47	22.54	22.32	22.58	22.69	23.00
		1	49	22.61	22.67	22.77	22.61	22.78	23.00
		25	0	21.73	21.56	21.74	21.60	21.82	22.00
		25	13	21.54	21.59	21.63	21.69	21.52	22.00
		25	25	21.51	21.72	21.53	21.74	21.60	22.00
	16QAM	50	0	21.58	21.66	21.55	21.57	21.69	22.00
		1	0	21.60	21.66	21.88	21.62	21.96	22.00
		1	25	21.51	21.46	21.54	21.34	21.45	22.00
		1	49	21.50	21.59	21.50	21.55	21.53	22.00
		25	0	20.82	20.47	20.71	20.50	20.72	21.00
		25	13	20.61	20.58	20.82	20.50	20.59	21.00
	64QAM	25	25	20.49	20.54	20.75	20.77	20.56	21.00
		50	0	20.65	20.74	20.56	20.62	20.68	21.00
		1	0	20.57	20.95	20.78	20.70	20.91	21.00
		1	25	20.82	20.85	20.67	20.73	20.74	21.00
		1	49	20.94	20.69	20.92	20.78	20.86	21.00
		25	0	19.71	19.50	19.63	19.59	19.37	20.00
	256QAM	25	13	19.54	19.59	19.74	19.60	19.73	20.00
		25	25	19.58	19.65	19.50	19.53	19.60	20.00
		50	0	19.61	19.75	19.67	19.73	19.57	20.00
		1	0	17.59	17.66	17.65	17.72	17.80	18.00
		1	25	17.70	17.94	17.65	17.95	17.75	18.00
		1	49	17.77	17.70	17.67	17.73	17.72	18.00
15MHz	QPSK	25	0	17.71	17.74	17.66	17.65	17.61	18.00
		25	13	17.62	17.51	17.79	17.64	17.80	18.00
		25	25	17.82	17.91	17.49	17.75	17.51	18.00
		50	0	17.59	17.54	17.68	17.77	17.84	18.00
		1	0	22.66	22.56	22.68	22.49	22.80	23.00
		1	38	22.54	22.56	22.36	22.48	22.60	23.00
	16QAM	1	74	22.52	22.63	22.75	22.57	22.70	23.00
		36	0	21.66	21.65	21.69	21.62	21.80	22.00
		36	18	21.61	21.57	21.59	21.72	21.62	22.00
		36	39	21.49	21.62	21.60	21.71	21.62	22.00
		75	0	21.50	21.68	21.62	21.47	21.67	22.00
		1	0	21.59	21.63	21.81	21.70	21.93	22.00
	64QAM	1	38	21.51	21.54	21.61	21.34	21.47	22.00
		1	74	21.43	21.66	21.42	21.63	21.53	22.00
		36	0	20.77	20.54	20.63	20.47	20.72	21.00
		36	18	20.70	20.58	20.77	20.53	20.68	21.00
		36	39	20.50	20.61	20.65	20.69	20.66	21.00
		75	0	20.66	20.73	20.62	20.62	20.69	21.00
	256QAM	1	0	20.67	20.92	20.99	20.79	20.91	21.00
		1	38	20.84	20.78	20.71	20.82	20.82	21.00
		1	74	20.89	20.78	20.84	20.69	20.82	21.00
		36	0	19.67	19.59	19.55	19.54	19.44	20.00
		36	18	19.52	19.68	19.75	19.61	19.70	20.00
		36	39	19.59	19.73	19.59	19.57	19.58	20.00
20MHz	QPSK	75	0	19.68	19.66	19.58	19.64	19.57	20.00
		1	0	17.67	17.61	17.70	17.67	17.82	18.00
		1	38	17.78	17.90	17.56	17.95	17.70	18.00
		1	74	17.81	17.75	17.59	17.79	17.66	18.00
		36	0	17.62	17.69	17.58	17.60	17.56	18.00
		36	18	17.64	17.59	17.77	17.54	17.75	18.00
	16QAM	36	39	17.74	17.81	17.55	17.75	17.55	18.00
		75	0	17.68	17.57	17.74	17.67	17.82	18.00
		1	0	22.70	22.57	22.77	22.54	22.77	23.00
		1	50	22.46	22.50	22.42	22.45	22.50	23.00
		1	99	22.49	22.58	22.67	22.70	22.69	23.00
		1	0	22.70	22.57	22.77	22.54	22.77	23.00
	64QAM	1	38	22.46	22.50	22.42	22.45	22.50	23.00
		1	74	22.49	22.58	22.67	22.70	22.69	23.00
		36	0	20.77	20.54	20.63	20.47	20.72	21.00
		36	18	20.70	20.58	20.77	20.53	20.68	21.00
		36	39	20.50	20.61	20.65	20.69	20.66	21.00
		75	0	20.66	20.73	20.62	20.62	20.69	21.00
	256QAM	1	0	20.67	20.92	20.99	20.79	20.91	21.00
		1	38	20.84	20.78	20.71	20.82	20.82	21.00
		1	74	20.89	20.78	20.84	20.69	20.82	21.00
		36	0	19.67	19.59	19.55	19.54	19.44	20.00
		36	18	19.52	19.68	19.75	19.61	19.70	20.00
		36	39	19.59	19.73	19.59	19.57	19.58	20.00
35MHz	QPSK	75	0	19.68	19.66	19.58	19.64	19.57	20.00
		1	0	17.67	17.61	17.70	17.67	17.82	18.00
		1	38	17.78	17.90	17.56	17.95	17.70	18.00
		1	74	17.81	17.75	17.59	17.79	17.66	18.00
		36	0	17.62	17.69	17.58	17.60	17.56	18.00
		36	18	17.64	17.59	17.77	17.54	17.75	18.00

		50	0	21.64	21.59	21.64	21.56	21.74	22.00
		50	25	21.60	21.62	21.69	21.67	21.63	22.00
		50	50	21.53	21.71	21.65	21.63	21.61	22.00
		100	0	21.41	21.64	21.65	21.54	21.70	22.00
	16QAM	1	0	21.64	21.63	21.74	21.65	21.84	22.00
		1	50	21.44	21.50	21.67	21.44	21.57	22.00
		1	99	21.45	21.65	21.51	21.59	21.54	22.00
		50	0	20.71	20.61	20.65	20.55	20.65	21.00
		50	25	20.64	20.56	20.72	20.53	20.77	21.00
		50	50	20.60	20.66	20.65	20.74	20.67	21.00
		100	0	20.58	20.63	20.66	20.70	20.59	21.00
		1	0	20.66	20.82	20.94	20.83	20.99	21.00
	64QAM	1	50	20.80	20.88	20.73	20.80	20.72	21.00
		1	99	20.81	20.79	20.78	20.70	20.87	21.00
		50	0	19.69	19.63	19.63	19.63	19.54	20.00
		50	25	19.60	19.61	19.66	19.54	19.64	20.00
		50	50	19.59	19.67	19.57	19.64	19.52	20.00
		100	0	19.62	19.61	19.57	19.70	19.61	20.00
		1	0	17.72	17.63	17.80	17.61	17.79	18.00
		1	50	17.84	17.93	17.63	17.96	17.66	18.00
	256QAM	1	99	17.82	17.72	17.64	17.79	17.65	18.00
		50	0	17.70	17.62	17.65	17.68	17.56	18.00
		50	25	17.64	17.66	17.71	17.62	17.80	18.00
		50	50	17.64	17.72	17.63	17.70	17.53	18.00
		100	0	17.66	17.63	17.69	17.65	17.75	18.00

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 133147	Channel 133297	Channel 133447	Tune up
5MHz	QPSK	1	0	22.62	22.68	22.77	23.00
		1	13	22.84	22.88	22.90	23.00
		1	24	22.72	22.81	22.84	23.00
		12	0	21.69	21.74	21.70	22.00
		12	6	21.80	21.86	21.95	22.00
		12	13	21.94	21.88	21.89	22.00
		25	0	21.77	21.84	21.78	22.00
	16QAM	1	0	21.89	21.83	21.80	22.00
		1	13	21.81	21.79	21.76	22.00
		1	24	21.86	21.85	21.84	22.00
		12	0	21.00	20.95	20.93	21.00
		12	6	20.72	20.80	20.83	21.00
		12	13	20.99	20.89	20.82	21.00
		25	0	20.83	20.93	20.97	21.00
	64QAM	1	0	20.93	20.95	20.96	21.00
		1	13	20.76	20.70	20.62	21.00
		1	24	20.67	20.72	20.82	21.00
		12	0	19.93	19.95	19.98	20.00
		12	6	19.83	19.82	19.74	20.00
		12	13	19.80	19.77	19.85	20.00
		25	0	19.93	19.97	19.95	20.00
	256QAM	1	0	17.89	17.84	17.90	18.00
		1	13	17.89	17.87	17.89	18.00
		1	24	17.73	17.78	17.85	18.00
		12	0	17.82	17.77	17.79	18.00
		12	6	17.92	17.93	17.96	18.00
		12	13	17.64	17.70	17.77	18.00
		25	0	17.65	17.72	17.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 133172	Channel 133297	Channel 133422	Tune up
10MHz	QPSK	1	0	22.80	22.78	22.70	23.00
		1	25	22.89	22.84	22.77	23.00
		1	49	22.85	22.87	22.88	23.00
		25	0	21.82	21.78	21.73	22.00
		25	13	21.96	21.91	21.82	22.00
		25	25	21.88	21.87	21.79	22.00

	16QAM	50	0	21.76	21.82	21.72	22.00
		1	0	21.94	21.92	21.97	22.00
		1	25	21.79	21.73	21.66	22.00
		1	49	21.70	21.79	21.69	22.00
		25	0	20.99	20.97	20.91	21.00
		25	13	20.92	20.90	20.94	21.00
		25	25	20.80	20.84	20.83	21.00
	64QAM	50	0	20.90	20.89	20.94	21.00
		1	0	20.95	20.95	20.97	21.00
		1	25	20.73	20.72	20.77	21.00
		1	49	20.77	20.80	20.76	21.00
		25	0	19.91	20.00	19.95	20.00
		25	13	19.87	19.84	19.88	20.00
		25	25	19.67	19.69	19.72	20.00
	256QAM	50	0	19.85	19.92	19.94	20.00
		1	0	17.85	17.88	17.97	18.00
		1	25	17.98	17.95	18.00	18.00
		1	49	17.89	17.85	17.76	18.00
		25	0	17.77	17.81	17.84	18.00
		25	13	17.86	17.92	17.82	18.00
		25	25	17.89	17.80	17.79	18.00
		50	0	17.75	17.81	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133297	/	
15MHz	QPSK	1	0	/	22.88	/	23.00
		1	38	/	22.84	/	23.00
		1	74	/	22.80	/	23.00
		36	0	/	21.85	/	22.00
		36	18	/	21.84	/	22.00
		36	39	/	21.83	/	22.00
		75	0	/	21.72	/	22.00
	16QAM	1	0	/	21.93	/	22.00
		1	38	/	21.80	/	22.00
		1	74	/	21.88	/	22.00
		36	0	/	21.00	/	21.00
		36	18	/	20.89	/	21.00
		36	39	/	20.80	/	21.00
		75	0	/	20.79	/	21.00
	64QAM	1	0	/	20.95	/	21.00
		1	38	/	20.63	/	21.00
		1	74	/	20.89	/	21.00
		36	0	/	19.93	/	20.00
		36	18	/	19.84	/	20.00
		36	39	/	19.75	/	20.00
		75	0	/	19.88	/	20.00
	256QAM	1	0	/	17.92	/	18.00
		1	38	/	17.97	/	18.00
		1	74	/	17.86	/	18.00
		36	0	/	17.88	/	18.00
		36	18	/	17.90	/	18.00
		36	39	/	17.85	/	18.00
		75	0	/	17.76	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133297	/	
20MHz	QPSK	1	0	/	22.91	/	23.00
		1	50	/	22.84	/	23.00
		1	99	/	22.70	/	23.00
		50	0	/	21.84	/	22.00
		50	25	/	21.88	/	22.00
		50	50	/	21.81	/	22.00
		100	0	/	21.78	/	22.00
	16QAM	1	0	/	21.95	/	22.00
		1	50	/	21.84	/	22.00
		1	99	/	21.87	/	22.00
		50	0	/	20.91	/	21.00
		50	25	/	20.94	/	21.00
		50	50	/	20.80	/	21.00

	64QAM	100	0	/	20.85	/	21.00
		1	0	/	20.87	/	21.00
		1	50	/	20.55	/	21.00
		1	99	/	20.79	/	21.00
		50	0	/	19.89	/	20.00
		50	25	/	19.91	/	20.00
		50	50	/	19.81	/	20.00
		100	0	/	19.94	/	20.00
	256QAM	1	0	/	17.89	/	18.00
		1	50	/	17.92	/	18.00
		1	99	/	17.88	/	18.00
		50	0	/	17.88	/	18.00
		50	25	/	17.90	/	18.00
		50	50	/	17.92	/	18.00
		100	0	/	17.86	/	18.00

1.2 Conducted Power of Legacy (Ant4)

LTE Band 42				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	21.78	21.82	21.39	22.50
		1	13	21.66	21.91	21.73	22.50
		1	24	21.72	21.77	21.78	22.50
		12	0	21.80	21.61	21.61	22.50
		12	6	21.63	21.60	21.67	22.50
		12	13	21.60	21.63	21.68	22.50
		25	0	21.50	21.56	21.63	22.50
	16QAM	1	0	21.66	21.63	21.57	22.50
		1	13	21.62	21.55	21.62	22.50
		1	24	21.47	21.53	21.12	22.50
		12	0	21.03	21.52	21.45	22.00
		12	6	21.28	21.36	21.33	22.00
		12	13	21.05	21.27	21.30	22.00
		25	0	21.26	21.17	21.21	22.00
	64QAM	1	0	20.98	21.26	21.08	22.00
		1	13	21.70	20.90	20.84	22.00
		1	24	21.29	21.12	21.12	22.00
		12	0	20.18	20.35	20.01	21.00
		12	6	20.48	20.15	20.43	21.00
		12	13	20.29	20.61	20.10	21.00
		25	0	20.23	20.65	20.28	21.00
	256QAM	1	0	18.09	17.83	18.20	19.00
		1	13	18.07	18.51	17.85	19.00
		1	24	18.24	18.45	18.13	19.00
		12	0	18.41	18.35	18.15	19.00
		12	6	18.31	18.51	18.41	19.00
		12	13	18.26	18.29	18.14	19.00
		25	0	18.13	18.45	18.28	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	21.72	21.90	21.51	22.50
		1	25	21.73	21.99	21.67	22.50
		1	49	21.66	21.54	21.64	22.50
		25	0	21.73	21.46	21.60	22.50
		25	13	21.76	21.52	21.85	22.50
		25	25	21.63	21.41	21.51	22.50
		50	0	21.59	21.44	21.86	22.50
	16QAM	1	0	21.78	21.45	21.60	22.50
		1	25	21.43	21.47	21.60	22.50
		1	49	21.43	21.41	21.77	22.50
		25	0	21.56	21.14	21.36	22.00
		25	13	21.17	21.19	21.56	22.00
		25	25	21.18	21.52	21.33	22.00
		50	0	21.33	21.27	21.48	22.00
	64QAM	1	0	21.24	21.36	20.66	22.00
		1	25	21.80	21.06	20.84	22.00
		1	49	21.04	21.42	21.23	22.00
		25	0	20.22	20.47	20.03	21.00
		25	13	20.22	20.05	20.13	21.00
		25	25	20.33	20.62	20.40	21.00
		50	0	20.42	20.45	20.32	21.00
	256QAM	1	0	17.98	18.19	18.35	19.00
		1	25	18.00	18.40	18.14	19.00
		1	49	18.26	18.19	18.07	19.00
		25	0	18.52	18.42	18.44	19.00
		25	13	18.17	18.37	18.47	19.00
		25	25	18.39	18.21	18.26	19.00
		50	0	18.22	18.56	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				41665	42590	43515	
15MHz	QPSK	1	0	21.88	21.67	21.69	22.50
		1	38	21.68	21.99	21.49	22.50
		1	74	21.69	21.48	21.64	22.50
		36	0	21.76	21.55	21.59	22.50
		36	18	21.67	21.55	21.37	22.50
		36	39	21.69	21.74	21.69	22.50
		75	0	21.55	21.75	21.68	22.50
	16QAM	1	0	21.42	21.47	21.66	22.50
		1	38	21.49	21.39	21.60	22.50
		1	74	21.75	21.68	21.48	22.50
		36	0	21.49	21.30	21.38	22.00
		36	18	21.47	21.35	21.36	22.00
		36	39	21.39	21.30	21.13	22.00
		75	0	21.63	21.39	21.26	22.00
	64QAM	1	0	21.29	21.20	20.80	22.00
		1	38	21.88	20.77	21.10	22.00
		1	74	21.06	21.43	20.99	22.00
		36	0	20.24	20.25	20.05	21.00
		36	18	20.30	20.20	20.53	21.00
		36	39	20.42	20.29	20.41	21.00
		75	0	20.50	20.31	20.20	21.00
	256QAM	1	0	18.03	17.93	18.28	19.00
		1	38	18.02	18.31	17.96	19.00
		1	74	18.08	18.16	18.46	19.00
		36	0	18.17	18.53	18.30	19.00
		36	18	18.25	18.60	18.29	19.00
		36	39	18.37	18.29	18.13	19.00
		75	0	18.08	18.50	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 41690	Channel 42590	Channel 43490	Tune up
20MHz	QPSK	1	0	21.92	21.90	21.78	22.50
		1	50	21.70	21.89	21.49	22.50
		1	99	21.60	21.62	21.63	22.50
		50	0	21.35	21.45	21.55	22.50
		50	25	21.32	21.62	21.75	22.50
		50	50	21.41	21.63	21.83	22.50
		100	0	21.42	21.30	21.76	22.50
	16QAM	1	0	21.36	21.67	21.58	22.50
		1	50	21.50	21.59	21.59	22.50
		1	99	21.61	21.36	21.58	22.50
		50	0	21.32	21.48	21.40	22.00
		50	25	21.55	21.49	21.33	22.00
		50	50	21.16	21.36	21.51	22.00
		100	0	21.20	21.27	21.41	22.00
	64QAM	1	0	21.22	21.14	20.83	22.00
		1	50	21.91	20.96	20.91	22.00
		1	99	21.20	21.15	21.02	22.00
		50	0	20.40	20.40	20.26	21.00
		50	25	20.44	20.27	20.48	21.00
		50	50	20.36	20.53	20.32	21.00
		100	0	20.33	20.24	20.41	21.00
	256QAM	1	0	18.12	18.06	18.33	19.00
		1	50	18.01	18.11	18.03	19.00
		1	99	18.27	18.06	18.18	19.00
		50	0	18.24	18.23	18.23	19.00
		50	25	18.42	18.42	18.25	19.00
		50	50	18.44	18.45	18.46	19.00
		100	0	18.41	18.36	18.09	19.00

LTE Band 43				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43615	44590	45565	
5MHz	QPSK	1	0	21.36	21.48	21.04	22.50
		1	13	21.30	21.04	21.49	22.50
		1	24	20.92	20.82	21.32	22.50
		12	0	21.23	20.88	21.51	22.50
		12	6	20.94	21.13	21.27	22.50
		12	13	21.19	21.07	21.28	22.50
		25	0	21.01	21.02	21.60	22.50
	16QAM	1	0	21.10	20.85	21.31	22.50
		1	13	21.29	21.10	21.25	22.50
		1	24	21.30	20.82	21.54	22.50
		12	0	20.30	20.55	20.61	22.00
		12	6	21.00	20.78	20.96	22.00
		12	13	21.11	20.84	21.06	22.00
		25	0	20.58	20.64	20.73	22.00
	64QAM	1	0	20.82	20.70	20.76	22.00
		1	13	20.63	21.00	20.70	22.00
		1	24	20.58	20.63	21.19	22.00
		12	0	19.77	19.64	19.90	21.00
		12	6	19.70	19.61	20.12	21.00
		12	13	19.93	19.54	20.07	21.00
		25	0	19.79	19.73	19.55	21.00
	256QAM	1	0	17.77	17.80	17.88	19.00
		1	13	18.00	17.42	17.85	19.00
		1	24	18.13	17.89	18.16	19.00
		12	0	17.68	17.65	17.61	19.00
		12	6	17.66	17.68	17.90	19.00
		12	13	17.72	17.79	17.76	19.00
		25	0	17.98	17.40	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43640	44590	45540	
10MHz	QPSK	1	0	21.26	21.29	21.06	22.50
		1	25	21.23	21.17	21.39	22.50
		1	49	21.21	21.34	21.32	22.50
		25	0	20.90	21.28	21.35	22.50
		25	13	21.16	21.13	21.45	22.50
		25	25	21.18	21.06	21.41	22.50
		50	0	21.08	21.21	21.47	22.50
	16QAM	1	0	20.94	21.29	21.35	22.50
		1	25	21.13	21.25	21.54	22.50
		1	49	21.11	21.14	21.50	22.50
		25	0	20.34	20.75	20.93	22.00
		25	13	21.01	20.47	20.86	22.00
		25	25	20.94	20.54	21.27	22.00
		50	0	20.75	20.65	20.77	22.00
	64QAM	1	0	20.53	20.49	20.84	22.00
		1	25	20.66	20.97	20.60	22.00
		1	49	20.80	20.79	20.89	22.00
		25	0	19.79	19.53	19.84	21.00
		25	13	19.96	19.58	19.89	21.00
		25	25	19.90	19.63	19.85	21.00
		50	0	19.51	19.80	19.98	21.00
	256QAM	1	0	17.89	17.70	18.04	19.00
		1	25	17.88	17.81	17.79	19.00
		1	49	17.82	18.01	18.25	19.00
		25	0	17.72	17.54	17.68	19.00
		25	13	17.74	17.92	17.94	19.00
		25	25	17.61	17.83	18.10	19.00
		50	0	17.74	17.46	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43665	44590	45515	
15MHz	QPSK	1	0	21.22	21.49	21.41	22.50
		1	38	21.37	21.34	21.56	22.50

		1	74	21.19	20.86	21.21	22.50
		36	0	21.30	21.13	21.44	22.50
		36	18	20.94	20.98	21.39	22.50
		36	39	21.04	21.22	21.19	22.50
		75	0	21.26	20.85	21.23	22.50
	16QAM	1	0	20.94	20.99	21.25	22.50
		1	38	21.30	20.87	21.49	22.50
		1	74	21.11	20.99	21.13	22.50
		36	0	20.14	20.80	20.94	22.00
		36	18	20.86	20.58	20.99	22.00
	64QAM	36	39	20.86	20.80	20.86	22.00
		75	0	20.89	20.73	20.81	22.00
		1	0	20.73	20.42	20.68	22.00
		1	38	20.59	20.62	20.73	22.00
		1	74	20.59	20.55	21.28	22.00
	256QAM	36	0	19.55	19.62	19.77	21.00
		36	18	19.61	19.76	19.98	21.00
		36	39	19.71	19.93	20.15	21.00
		75	0	19.61	19.76	19.93	21.00
		1	0	17.88	17.40	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				43690	44590	45490	
20MHz	QPSK	1	0	21.27	21.56	21.55	22.50
		1	50	21.19	21.13	21.30	22.50
		1	99	21.16	21.07	21.39	22.50
		50	0	21.17	21.47	21.46	22.50
		50	25	21.03	20.99	21.14	22.50
	16QAM	50	50	21.15	21.04	21.20	22.50
		100	0	21.14	21.06	21.46	22.50
		1	0	21.21	21.17	21.13	22.50
		1	50	20.98	21.00	21.33	22.50
		1	99	21.06	21.23	21.23	22.50
	64QAM	50	0	20.22	20.62	20.73	22.00
		50	25	20.69	20.81	20.97	22.00
		50	50	20.91	20.80	20.85	22.00
		100	0	20.93	20.82	20.96	22.00
		1	0	20.80	20.34	20.68	22.00
	256QAM	1	50	20.94	20.79	20.87	22.00
		1	99	20.87	20.85	21.15	22.00
		50	0	19.82	19.57	20.01	21.00
		50	25	19.80	19.46	19.67	21.00
		50	50	19.91	19.63	19.88	21.00
		100	0	19.63	19.83	20.02	21.00
		1	0	17.99	17.92	17.69	19.00
		1	50	17.90	17.81	17.74	19.00
		1	99	18.06	17.72	18.02	19.00
		50	0	17.68	17.67	17.74	19.00
		50	25	17.69	17.72	17.73	19.00
		50	50	17.88	17.82	17.85	19.00
		100	0	17.68	17.89	17.99	19.00

LTE Band 48				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	21.36	22.14	22.04	23.00
		1	13	22.41	22.04	21.97	23.00
		1	24	22.04	22.36	21.98	23.00
		12	0	21.34	21.37	21.21	22.00
		12	6	21.22	21.22	21.33	22.00
		12	13	21.21	21.41	21.28	22.00
		25	0	21.29	21.43	21.22	22.00
	16QAM	1	0	21.51	20.93	20.74	22.00
		1	13	21.03	20.98	21.01	22.00
		1	24	21.15	21.24	21.14	22.00
		12	0	20.58	20.34	20.30	21.00
		12	6	20.22	20.37	20.32	21.00
		12	13	20.18	20.38	20.31	21.00
		25	0	20.40	20.32	20.34	21.00
	64QAM	1	0	20.11	20.31	19.93	21.00
		1	13	20.80	20.09	19.98	21.00
		1	24	20.10	20.24	20.15	21.00
		12	0	19.35	19.26	19.15	20.00
		12	6	19.40	19.26	19.39	20.00
		12	13	19.34	19.48	19.25	20.00
		25	0	19.21	19.46	19.27	20.00
	256QAM	1	0	17.01	16.95	17.13	18.00
		1	13	16.99	17.32	17.03	18.00
		1	24	17.06	17.37	17.15	18.00
		12	0	17.38	17.40	17.31	18.00
		12	6	17.29	17.37	17.36	18.00
		12	13	17.45	17.43	17.23	18.00
		25	0	17.29	17.36	17.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	55290	55990	56690	23.00
		1	25	21.34	22.10	22.00	23.00
		1	49	22.40	21.99	21.97	23.00
		1	49	22.10	22.29	22.02	23.00
		25	0	21.41	21.42	21.21	22.00
		25	13	21.25	21.31	21.36	22.00
		25	25	21.17	21.36	21.31	22.00
		50	0	21.24	21.45	21.19	22.00
	16QAM	1	0	21.44	20.85	20.80	22.00
		1	25	20.95	21.08	20.96	22.00
		1	49	21.06	21.28	21.07	22.00
		25	0	20.53	20.29	20.33	21.00
		25	13	20.31	20.30	20.37	21.00
		25	25	20.21	20.40	20.33	21.00
		50	0	20.38	20.37	20.31	21.00
	64QAM	1	0	20.13	20.31	19.83	21.00
		1	25	20.81	20.01	19.99	21.00
		1	49	20.05	20.27	20.05	21.00
		25	0	19.33	19.33	19.22	20.00
		25	13	19.35	19.20	19.30	20.00
		25	25	19.38	19.43	19.35	20.00
		50	0	19.30	19.49	19.32	20.00
	256QAM	1	0	17.06	17.01	17.19	18.00
		1	25	17.04	17.23	17.07	18.00
		1	49	17.15	17.29	17.21	18.00
		25	0	17.42	17.35	17.25	18.00
		25	13	17.21	17.44	17.44	18.00
		25	25	17.45	17.38	17.21	18.00
		50	0	17.36	17.39	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	55315	55990	56665	23.00
		1	38	21.42	22.12	22.01	23.00
				22.32	22.07	22.05	23.00

		1	74	22.04	22.22	22.07	23.00
		36	0	21.41	21.41	21.31	22.00
		36	18	21.33	21.38	21.32	22.00
		36	39	21.27	21.45	21.26	22.00
		75	0	21.33	21.46	21.25	22.00
	16QAM	1	0	21.39	20.91	20.88	22.00
		1	38	20.90	21.17	20.99	22.00
		1	74	21.15	21.21	21.09	22.00
		36	0	20.51	20.34	20.24	21.00
		36	18	20.30	20.33	20.27	21.00
		36	39	20.26	20.42	20.31	21.00
		75	0	20.45	20.32	20.39	21.00
	64QAM	1	0	20.19	20.22	19.92	21.00
		1	38	20.87	19.93	19.94	21.00
		1	74	20.13	20.30	20.15	21.00
		36	0	19.41	19.29	19.22	20.00
		36	18	19.25	19.27	19.39	20.00
		36	39	19.44	19.45	19.27	20.00
	256QAM	75	0	19.31	19.43	19.28	20.00
		1	0	17.14	17.07	17.11	18.00
		1	38	17.09	17.23	17.12	18.00
		1	74	17.07	17.23	17.31	18.00
		36	0	17.33	17.43	17.25	18.00
		36	18	17.21	17.43	17.37	18.00
20MHz	QPSK	36	39	17.41	17.44	17.23	18.00
		75	0	17.27	17.47	17.36	18.00
	16QAM	1	0	21.33	22.10	22.04	23.00
		1	50	22.38	22.15	22.13	23.00
		1	99	22.14	22.13	22.13	23.00
		50	0	21.40	21.36	21.29	22.00
		50	25	21.35	21.42	21.35	22.00
		50	50	21.35	21.41	21.33	22.00
		100	0	21.35	21.38	21.32	22.00
	16QAM	1	0	21.33	20.88	20.87	22.00
		1	50	20.90	21.08	21.05	22.00
		1	99	21.10	21.20	21.18	22.00
		50	0	20.41	20.40	20.31	21.00
		50	25	20.36	20.40	20.34	21.00
		50	50	20.32	20.42	20.33	21.00
	64QAM	100	0	20.37	20.41	20.32	21.00
		1	0	20.10	20.12	19.93	21.00
		1	50	20.92	19.97	19.96	21.00
		1	99	20.22	20.30	20.06	21.00
		50	0	19.33	19.34	19.29	20.00
		50	25	19.30	19.37	19.34	20.00
	256QAM	50	50	19.40	19.39	19.32	20.00
		100	0	19.30	19.38	19.31	20.00
		1	0	17.10	17.16	17.17	18.00
		1	50	17.19	17.19	17.11	18.00
		1	99	17.12	17.21	17.26	18.00
		50	0	17.38	17.35	17.24	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	21.33	22.10	22.04	23.00
		1	50	22.38	22.15	22.13	23.00
		1	99	22.14	22.13	22.13	23.00
		50	0	21.40	21.36	21.29	22.00
		50	25	21.35	21.42	21.35	22.00
		50	50	21.35	21.41	21.33	22.00
	16QAM	100	0	21.35	21.38	21.32	22.00
		1	0	21.33	20.88	20.87	22.00
		1	50	20.90	21.08	21.05	22.00
		1	99	21.10	21.20	21.18	22.00
		50	0	20.41	20.40	20.31	21.00
		50	25	20.36	20.40	20.34	21.00
	64QAM	50	50	20.32	20.42	20.33	21.00
		100	0	20.37	20.41	20.32	21.00
		1	0	20.10	20.12	19.93	21.00
		1	50	20.92	19.97	19.96	21.00
		1	99	20.22	20.30	20.06	21.00
		50	0	19.33	19.34	19.29	20.00
	256QAM	50	25	19.30	19.37	19.34	20.00
		50	50	19.40	19.39	19.32	20.00
		100	0	19.30	19.38	19.31	20.00
		1	0	17.10	17.16	17.17	18.00
		1	50	17.19	17.19	17.11	18.00
		1	99	17.12	17.21	17.26	18.00
	256QAM	50	0	17.38	17.35	17.24	18.00
		50	25	17.26	17.37	17.34	18.00
		50	50	17.34	17.38	17.30	18.00
		100	0	17.31	17.37	17.27	18.00

2 Conducted Power of Intra Band LTE Uplink CA

2.1 Conducted Power of Intra Band LTE Uplink CA(Ant0)

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA 38C	QPSK	38	20	37850	1	99	38	20	38048	1	0	22.32	23.00
CA 38C	QPSK	38	20	37901	1	99	38	20	38099	1	0	22.21	23.00
CA 38C	QPSK	38	20	38099	1	0	38	20	37901	1	99	22.41	23.00
CA 38C	QPSK	38	20	38150	1	0	38	20	37952	1	99	22.38	23.00

Combination	Modulation	PCC					SCC					Power	Tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA 41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	22.41	23.00
CA 41C	QPSK	41	20	40185	1	99	41	20	40383	1	0	22.39	23.00
CA 41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	22.44	23.00
CA 41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	22.46	23.00
CA 41C	QPSK	41	20	41055	1	0	41	20	40857	1	99	22.37	23.00
CA 41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	22.34	23.00

3 Conducted Power of ENDC_LTE

3.1 Conducted Power of ENDC_LTE(Ant4)

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.48	21.44	21.47	23.00
		1	13	21.28	21.27	21.28	23.00
		1	24	21.56	21.67	21.61	23.00
		12	0	20.51	20.40	20.42	22.00
		12	6	20.28	20.28	20.11	22.00
		12	13	20.68	20.64	20.53	22.00
		25	0	20.58	20.22	20.55	22.00
	16QAM	1	0	20.60	20.19	20.66	22.00
		1	13	20.42	20.15	20.34	22.00
		1	24	20.62	20.54	20.77	22.00
		12	0	19.07	19.01	19.03	21.00
		12	6	19.27	19.19	19.19	21.00
		12	13	19.30	19.49	19.56	21.00
		25	0	19.11	19.03	19.10	21.00
	64QAM	1	0	19.54	19.59	19.47	21.00
		1	13	19.42	19.33	19.30	21.00
		1	24	19.55	19.68	19.76	21.00
		12	0	18.01	18.18	18.18	20.00
		12	6	18.32	18.05	18.09	20.00
		12	13	18.69	18.42	18.73	20.00
		25	0	18.26	18.06	18.27	20.00
	256QAM	1	0	16.26	16.35	16.31	18.00
		1	13	16.33	16.29	16.25	18.00
		1	24	16.58	16.51	16.80	18.00
		12	0	16.20	16.09	16.12	18.00
		12	6	16.07	16.12	16.15	18.00
		12	13	16.62	16.62	16.55	18.00
		25	0	16.12	16.09	16.01	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.59	21.37	21.50	23.00
		1	25	21.32	21.25	21.38	23.00
		1	49	21.58	21.74	21.61	23.00
		25	0	20.23	20.41	20.60	22.00
		25	13	20.09	20.28	20.28	22.00
		25	25	20.73	20.53	20.74	22.00
		50	0	20.66	20.35	20.48	22.00
	16QAM	1	0	20.48	20.50	20.39	22.00
		1	25	20.15	20.10	20.21	22.00
		1	49	20.52	20.57	20.74	22.00
		25	0	19.13	19.09	19.13	21.00
		25	13	19.13	19.18	19.18	21.00
		25	25	19.29	19.40	19.52	21.00
		50	0	19.14	19.05	19.06	21.00
	64QAM	1	0	19.49	19.38	19.47	21.00
		1	25	19.25	19.19	19.42	21.00
		1	49	19.51	19.68	19.66	21.00
		25	0	18.11	18.09	18.25	20.00
		25	13	18.22	18.09	18.12	20.00
		25	25	18.62	18.41	18.46	20.00
		50	0	18.13	18.17	18.02	20.00
	256QAM	1	0	16.33	16.39	16.53	18.00
		1	25	16.26	16.11	16.30	18.00
		1	49	16.57	16.62	16.62	18.00
		25	0	16.09	16.18	16.05	18.00
		25	13	16.17	16.12	16.09	18.00
		25	25	16.60	16.39	16.44	18.00
		50	0	16.09	16.16	16.12	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.51	21.39	21.41	23.00
		1	38	21.16	21.17	21.23	23.00
		1	74	21.74	21.67	21.57	23.00
		36	0	20.32	20.35	20.41	22.00
		36	18	20.19	20.26	20.17	22.00
		36	39	20.75	20.57	20.68	22.00
		75	0	20.58	20.34	20.50	22.00
	16QAM	1	0	20.41	20.44	20.53	22.00
		1	38	20.21	20.20	20.30	22.00
		1	74	20.72	20.70	20.65	22.00
		36	0	19.04	19.10	19.15	21.00
		36	18	19.09	19.18	19.09	21.00
		36	39	19.37	19.47	19.52	21.00
		75	0	19.08	19.14	19.15	21.00
	64QAM	1	0	19.48	19.34	19.53	21.00
		1	38	19.30	19.14	19.34	21.00
		1	74	19.59	19.67	19.63	21.00
		36	0	18.00	18.15	18.07	20.00
		36	18	18.21	18.16	18.06	20.00
		36	39	18.59	18.41	18.59	20.00
		75	0	18.12	18.01	18.06	20.00
	256QAM	1	0	16.41	16.51	16.51	18.00
		1	38	16.19	16.22	16.40	18.00
		1	74	16.62	16.61	16.68	18.00
		36	0	16.15	16.11	16.18	18.00
		36	18	16.01	16.19	16.12	18.00
		36	39	16.55	16.48	16.37	18.00
		75	0	16.09	16.15	16.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.47	21.44	21.49	23.00
		1	50	21.26	21.25	21.30	23.00
		1	99	21.66	21.65	21.67	23.00
		50	0	20.42	20.37	20.48	22.00
		50	25	20.26	20.27	20.25	22.00
		50	50	20.71	20.59	20.65	22.00
		100	0	20.50	20.38	20.49	22.00
	16QAM	1	0	20.46	20.40	20.48	22.00
		1	50	20.28	20.24	20.26	22.00
		1	99	20.71	20.61	20.68	22.00
		50	0	19.09	19.08	19.09	21.00
		50	25	19.13	19.15	19.09	21.00
		50	50	19.44	19.50	19.48	21.00
		100	0	19.04	19.09	19.12	21.00
	64QAM	1	0	19.53	19.43	19.48	21.00
		1	50	19.30	19.21	19.30	21.00
		1	99	19.58	19.59	19.68	21.00
		50	0	18.06	18.05	18.09	20.00
		50	25	18.18	18.05	18.04	20.00
		50	50	18.53	18.47	18.56	20.00
		100	0	18.06	18.08	18.07	20.00
	256QAM	1	0	16.43	16.47	16.42	18.00
		1	50	16.23	16.18	16.33	18.00
		1	99	16.60	16.60	16.66	18.00
		50	0	16.06	16.08	16.08	18.00
		50	25	16.09	16.10	16.08	18.00
		50	50	16.52	16.45	16.46	18.00
		100	0	16.05	16.10	16.02	18.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.02	22.01	22.06	23.00
		1	13	22.11	22.11	22.06	23.00
		1	24	21.94	22.02	22.12	23.00
		12	0	21.14	21.18	21.15	22.00
		12	6	21.06	21.16	21.14	22.00
		12	13	21.31	21.23	21.18	22.00
		25	0	21.11	21.06	21.09	22.00
	16QAM	1	0	21.21	21.17	21.20	22.00
		1	13	21.24	21.23	21.27	22.00
		1	24	20.97	20.90	20.84	22.00
		12	0	20.11	20.06	20.04	21.00
		12	6	19.97	19.95	19.87	21.00
		12	13	20.13	20.16	20.21	21.00
		25	0	20.24	20.23	20.26	21.00
	64QAM	1	0	19.89	19.85	19.76	21.00
		1	13	19.98	19.93	19.83	21.00
		1	24	19.70	19.73	19.66	21.00
		12	0	19.17	19.17	19.27	20.00
		12	6	18.83	18.90	18.82	20.00
		12	13	19.20	19.17	19.23	20.00
		25	0	19.04	19.06	18.99	20.00
	256QAM	1	0	17.12	17.19	17.16	18.00
		1	13	17.35	17.26	17.22	18.00
		1	24	16.99	17.09	17.15	18.00
		12	0	17.16	17.08	17.11	18.00
		12	6	16.99	17.03	16.98	18.00
		12	13	17.06	17.05	16.97	18.00
		25	0	17.14	17.05	17.02	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.85	21.90	21.84	23.00
		1	25	22.09	21.99	22.09	23.00
		1	49	22.26	22.18	22.28	23.00
		25	0	20.96	21.04	21.02	22.00
		25	13	20.99	20.91	21.01	22.00
		25	25	21.21	21.14	21.12	22.00
		50	0	20.93	21.01	20.99	22.00
	16QAM	1	0	21.16	21.09	21.19	22.00
		1	25	20.97	21.07	21.08	22.00
		1	49	21.14	21.09	21.14	22.00
		25	0	20.11	20.08	20.05	21.00
		25	13	19.96	20.04	19.98	21.00
		25	25	20.07	20.08	20.14	21.00
		50	0	20.05	20.07	20.10	21.00
	64QAM	1	0	19.93	20.03	20.06	21.00
		1	25	19.95	20.01	20.02	21.00
		1	49	20.01	19.98	19.92	21.00
		25	0	18.97	18.92	18.85	20.00
		25	13	19.08	19.11	19.04	20.00
		25	25	19.02	19.00	18.92	20.00
		50	0	19.00	19.00	18.97	20.00
	256QAM	1	0	16.93	16.97	16.88	18.00
		1	25	17.00	16.93	16.94	18.00
		1	49	17.24	17.19	17.15	18.00
		25	0	17.05	17.01	16.92	18.00
		25	13	17.17	17.17	17.17	18.00
		25	25	17.01	17.02	17.07	18.00
		50	0	17.17	17.14	17.22	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK			37825	38000	38175	
		1	0	21.94	21.92	21.93	23.00
		1	38	22.00	21.95	21.92	23.00

		1	74	22.18	22.12	22.15	23.00
		36	0	21.07	21.06	21.01	22.00
		36	18	21.00	21.07	21.02	22.00
		36	39	21.09	21.00	21.02	22.00
		75	0	21.21	21.11	21.16	22.00
	16QAM	1	0	21.08	21.14	21.18	22.00
		1	38	21.06	21.13	21.08	22.00
		1	74	21.16	21.11	21.13	22.00
		36	0	19.98	20.04	20.11	21.00
		36	18	20.02	19.98	19.99	21.00
	64QAM	36	39	20.12	20.10	20.15	21.00
		75	0	19.97	19.92	19.83	21.00
		1	0	20.08	20.09	20.09	21.00
		1	38	19.99	20.06	19.97	21.00
		1	74	20.02	19.92	19.97	21.00
	256QAM	36	0	19.12	19.03	18.95	20.00
		36	18	19.10	19.03	18.93	20.00
		36	39	19.11	19.20	19.19	20.00
		75	0	19.15	19.14	19.07	20.00
		1	0	17.02	17.05	16.98	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	21.93	/	23.00
		1	50	/	22.02	/	23.00
		1	99	/	22.05	/	23.00
		50	0	/	21.04	/	22.00
		50	25	/	21.06	/	22.00
	16QAM	50	50	/	21.08	/	22.00
		100	0	/	21.05	/	22.00
		1	0	/	21.04	/	22.00
		1	50	/	21.03	/	22.00
		1	99	/	21.03	/	22.00
	64QAM	50	0	/	20.08	/	21.00
		50	25	/	20.03	/	21.00
		50	50	/	20.08	/	21.00
		100	0	/	20.02	/	21.00
		1	0	/	20.03	/	21.00
	256QAM	1	50	/	20.03	/	21.00
		1	99	/	19.99	/	21.00
		50	0	/	19.01	/	20.00
		50	25	/	19.09	/	20.00
		50	50	/	19.11	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
	QPSK	1	0	/	17.00	/	18.00
		1	50	/	17.05	/	18.00
		1	99	/	17.05	/	18.00
		50	0	/	17.07	/	18.00
		50	25	/	17.05	/	18.00
	16QAM	50	50	/	17.08	/	18.00
		100	0	/	17.07	/	18.00

LTE Band 41 2496 - 2690				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	21.56	21.63	21.49	21.16	21.63	23.00
		1	13	21.52	21.68	21.61	21.39	21.95	23.00
		1	24	21.62	21.75	21.8	21.14	21.93	23.00
		12	0	20.36	20.57	20.54	21.12	20.73	22.00
		12	6	20.62	20.64	20.6	20.12	20.84	22.00

		12	13	20.77	20.75	20.82	20.47	20.82	22.00
		25	0	20.71	20.69	20.53	20.48	20.77	22.00
	16QAM	1	0	20.6	20.74	20.86	20.31	20.77	22.00
		1	13	20.58	20.62	20.53	20.53	20.77	22.00
		1	24	20.63	20.64	20.62	20.85	20.85	22.00
		12	0	19.71	19.55	19.58	19.14	19.78	21.00
		12	6	19.65	19.58	19.5	19.4	19.83	21.00
		12	13	19.5	19.39	19.66	19.84	19.6	21.00
		25	0	19.59	19.71	19.68	19.28	19.77	21.00
	64QAM	1	0	19.91	19.74	19.61	19.48	19.69	21.00
		1	13	19.42	19.69	19.69	19.76	19.70	21.00
		1	24	19.68	19.40	19.54	19.26	19.73	21.00
		12	0	18.65	18.57	18.83	18.46	18.78	20.00
		12	6	18.48	18.52	18.62	18.74	18.68	20.00
		12	13	18.61	18.74	18.72	18.39	18.79	20.00
		25	0	18.48	18.62	18.64	18.55	18.80	20.00
	256QAM	1	0	16.60	16.51	16.73	16.98	16.76	18.00
		1	13	16.67	16.77	16.46	16.15	16.77	18.00
		1	24	16.51	16.60	16.69	16.39	16.84	18.00
		12	0	16.69	16.69	16.51	17.05	16.65	18.00
		12	6	16.90	16.44	16.66	16.19	16.92	18.00
		12	13	16.76	16.58	16.76	16.53	16.92	18.00
		25	0	16.84	16.77	16.62	16.30	16.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.64	21.56	21.74	21.12	21.56	23.00
		1	25	21.6	21.53	21.68	21.37	21.83	23.00
		1	49	21.68	21.56	21.73	21.13	21.85	23.00
		25	0	20.76	20.51	20.6	20.75	20.62	22.00
		25	13	20.64	20.61	20.67	20.44	20.76	22.00
		25	25	20.7	20.68	20.73	20.38	20.95	22.00
		50	0	20.52	20.57	20.75	20.65	20.74	22.00
	16QAM	1	0	20.44	20.4	20.64	20.27	20.8	22.00
		1	25	20.57	20.58	20.57	20.43	20.81	22.00
		1	49	20.73	20.62	20.69	20.9	20.58	22.00
		25	0	19.6	19.64	19.77	19.36	19.86	21.00
		25	13	19.79	19.65	19.57	19.58	19.8	21.00
		25	25	19.55	19.66	19.68	19.97	19.78	21.00
		50	0	19.48	19.62	19.66	19.31	19.69	21.00
	64QAM	1	0	19.77	19.64	19.63	19.33	19.77	21.00
		1	25	19.64	19.56	19.76	19.86	19.68	21.00
		1	49	19.63	19.46	19.49	19.25	19.79	21.00
		25	0	18.76	18.54	18.81	18.44	19.03	20.00
		25	13	18.45	18.51	18.54	18.70	18.74	20.00
		25	25	18.49	18.59	18.57	18.41	18.64	20.00
		50	0	18.50	18.61	18.88	18.57	18.77	20.00
	256QAM	1	0	16.66	16.72	16.80	16.83	16.70	18.00
		1	25	16.69	16.59	16.62	16.41	16.84	18.00
		1	49	16.68	16.75	16.73	16.36	16.85	18.00
		25	0	16.62	16.74	16.47	16.98	16.84	18.00
		25	13	16.53	16.52	16.54	16.30	16.90	18.00
		25	25	16.60	16.63	16.57	16.59	16.65	18.00
		50	0	16.81	16.76	16.62	16.46	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.7	21.57	21.56	21.13	21.73	23.00
		1	38	21.69	21.71	21.64	21.46	21.83	23.00
		1	74	21.8	21.77	21.78	21.1	21.83	23.00
		36	0	20.55	20.54	20.66	20.93	20.63	22.00
		36	18	20.61	20.54	20.7	20.23	20.81	22.00
		36	39	20.62	20.69	20.67	20.46	20.74	22.00
		75	0	20.66	20.68	20.71	20.64	20.68	22.00
	16QAM	1	0	20.71	20.53	20.71	20.31	20.85	22.00
		1	38	20.69	20.62	20.64	20.53	20.89	22.00
		1	74	20.61	20.68	20.7	20.76	20.73	22.00
		36	0	19.73	19.53	19.61	19.31	19.82	21.00
		36	18	19.78	19.66	19.67	19.37	19.76	21.00

		36	39	19.63	19.71	19.74	19.82	19.73	21.00
		75	0	19.64	19.63	19.6	19.33	19.64	21.00
	64QAM	1	0	19.82	19.67	19.73	19.47	19.73	21.00
		1	38	19.59	19.61	19.67	19.77	19.65	21.00
		1	74	19.67	19.57	19.52	19.27	19.77	21.00
		36	0	18.75	18.61	18.74	18.58	18.82	20.00
		36	18	18.59	18.56	18.72	18.79	18.65	20.00
		36	39	18.60	18.65	18.55	18.23	18.83	20.00
		75	0	18.75	18.66	18.63	18.54	18.74	20.00
	256QAM	1	0	16.67	16.61	16.65	16.86	16.68	18.00
		1	38	16.71	16.63	16.68	16.34	16.84	18.00
		1	74	16.59	16.69	16.78	16.50	16.79	18.00
		36	0	16.56	16.68	16.64	16.94	16.78	18.00
		36	18	16.75	16.64	16.71	16.33	16.90	18.00
		36	39	16.76	16.56	16.65	16.51	16.95	18.00
		75	0	16.84	16.63	16.76	16.39	16.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.63	21.62	21.66	21.18	21.67	23.00
		1	50	21.62	21.61	21.65	21.41	21.84	23.00
		1	99	21.7	21.69	21.71	21.13	21.82	23.00
		50	0	20.63	20.61	20.66	20.88	20.94	22.00
		50	25	20.64	20.58	20.62	20.26	20.74	22.00
		50	50	20.67	20.72	20.76	20.49	20.84	22.00
	16QAM	100	0	20.67	20.66	20.63	20.56	20.66	22.00
		1	0	20.61	20.59	20.69	20.27	20.76	22.00
		1	50	20.65	20.68	20.67	20.43	20.83	22.00
		1	99	20.65	20.62	20.64	20.84	20.68	22.00
		50	0	19.66	19.63	19.66	19.28	19.8	21.00
		50	25	19.69	19.68	19.66	19.46	19.84	21.00
	64QAM	50	50	19.59	19.61	19.69	19.89	19.66	21.00
		100	0	19.61	19.62	19.62	19.29	19.74	21.00
		1	0	19.74	19.64	19.76	19.4	19.78	21.00
		1	50	19.64	19.64	19.71	19.77	19.65	21.00
		1	99	19.62	19.63	19.61	19.29	19.76	21.00
		50	0	18.67	18.7	18.75	18.48	18.87	20.00
	256QAM	50	25	18.58	18.6	18.69	18.83	18.69	20.00
		50	50	18.64	18.59	18.65	18.31	18.79	20.00
		100	0	18.68	18.69	18.73	18.48	18.8	20.00
		1	0	16.67	16.63	16.68	16.91	16.72	18.00
		1	50	16.63	16.63	16.64	16.29	16.83	18.00
		1	99	16.66	16.65	16.74	16.41	16.86	18.00
		50	0	16.6	16.58	16.64	16.9	16.71	18.00
		50	25	16.67	16.64	16.63	16.31	16.83	18.00
		50	50	16.66	16.65	16.66	16.54	16.85	18.00
		100	0	16.74	16.68	16.71	16.42	16.81	18.00

4 Conducted Power of NR NSA

4.1 Conducted Power of NR NSA(An4)

N7 15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM QPSK	1	1	20.27	20.14	20.14	21.00
		1	53	20.24	20.50	20.13	21.00
		1	104	19.93	20.45	20.11	21.00
		50	0	19.15	19.33	19.07	20.00
		50	28	20.12	20.33	20.09	21.00
		50	56	19.09	19.35	19.12	20.00
		100	0	19.11	19.31	19.08	20.00
	DFT-s-OFDM 16QAM	1	1	19.12	19.35	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	18.60	18.82	18.55	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.19	20.23	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.23	20.25	20.22	21.00

N38 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.93	/	23.00
		1	53	/	22.29	/	23.00
		1	104	/	22.27	/	23.00
		50	0	/	21.30	/	22.00
		50	28	/	22.25	/	23.00
		50	56	/	21.20	/	22.00
		100	0	/	21.23	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.30	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.74	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.79	/	23.00

N41 PC3 30kHz				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.45	/	/
		1	137	/	/	21.87	/	/
		1	271	/	/	21.51	/	/
		135	0	/	/	20.85	/	/
		135	69	/	/	21.82	/	/

		135	138	/	/	20.82	/	/	22.00
		270	0	/	/	20.46	/	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	/	20.87	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	20.33	/	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.37	21.46	21.59	21.55	21.43	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	21.57	21.36	21.41	21.47	21.50	23.00

5 Conducted Power of NR

5.1 Conducted Power of NR(An0)

N2_15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	22.09	22.10	22.04	23.00
		1	53	22.02	22.02	21.96	23.00
		1	104	22.06	21.98	21.89	23.00
		50	0	21.05	21.03	20.93	22.00
		50	28	22.09	22.00	21.95	23.00
		50	56	21.14	20.99	20.90	22.00
		100	0	21.04	21.03	20.93	22.00
	DFT-s-OFDM 16QAM	1	1	21.11	21.04	20.92	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	20.63	20.49	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.93	21.84	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.94	22.03	22.12	23.00

N5_15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.07	/	23.00
		1	53	/	22.02	/	23.00
		1	104	/	22.01	/	23.00
		50	0	/	21.10	/	22.00
		50	28	/	22.09	/	23.00
		50	56	/	21.12	/	22.00
		100	0	/	21.10	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.13	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	20.65	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	22.07	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.94	22.13	22.13	23.00

N7 15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM QPSK	1	1	22.08	21.99	21.98	23.00
		1	53	22.15	22.07	21.99	23.00
		1	104	22.12	21.94	21.79	23.00
		50	0	21.11	21.09	21.09	22.00
		50	28	22.13	22.13	22.06	23.00
		50	56	21.09	21.08	21.11	22.00
		100	0	21.11	21.15	20.98	22.00
	DFT-s-OFDM 16QAM	1	1	21.09	21.08	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	20.62	20.63	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.10	22.00	21.91	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.91	21.85	22.12	23.00

N12 15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	141500	/	
				/	707.5	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	22.21	/	23.00
		1	40	/	22.25	/	23.00
		1	77	/	22.06	/	23.00
		36	0	/	21.12	/	22.00
		36	22	/	22.12	/	23.00
		36	43	/	21.17	/	22.00
		75	0	/	21.24	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.07	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	CP-OFDM QPSK	1	1	/	20.60	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	22.24	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.16	22.06	22.15	23.00

N25 15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
20MHz	DFT-s-OFDM QPSK	1	1	22.18	22.10	22.12	23.00
		1	53	22.18	22.09	22.10	23.00
		1	104	22.15	22.04	22.06	23.00
		50	0	21.09	20.91	21.00	22.00

		50	28	22.05	21.91	21.98	23.00
		50	56	21.09	20.95	20.94	22.00
		100	0	20.94	20.98	20.96	22.00
	DFT-s-OFDM 16QAM	1	1	21.02	20.91	20.94	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	CP-OFDM QPSK	1	1	20.49	20.39	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	22.28	22.07	22.38	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	22.05	22.05	22.05	23.00

N66_15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
				1720	1745	1770	
20MHz	DFT-s-OFDM QPSK	1	1	21.95	22.06	21.95	23.00
		1	53	22.02	21.97	21.99	23.00
		1	104	22.00	21.93	22.01	23.00
		50	0	20.94	20.92	21.06	22.00
		50	28	21.93	21.95	22.04	23.00
		50	56	20.96	20.97	21.02	22.00
		100	0	20.89	20.95	21.06	22.00
	DFT-s-OFDM 16QAM	1	1	20.95	20.95	21.02	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	CP-OFDM QPSK	1	1	20.47	20.42	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.01	22.05	22.21	23.00

N71_15kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
				/	680.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.85	/	23.00
		1	53	/	21.91	/	23.00
		1	104	/	21.93	/	23.00
		50	0	/	20.95	/	22.00
		50	28	/	21.99	/	23.00
		50	56	/	21.02	/	22.00
		100	0	/	20.98	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.04	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	136100	/	
20MHz	CP-OFDM QPSK	1	1	/	20.59	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	

10MHz	DFT-s-OFDM QPSK	1	1	21.90	21.91	21.82	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 133100	Channel 136100	Channel 139100	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.86	21.85	21.72	23.00

N38 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.18	/	23.00
		1	53	/	22.51	/	23.00
		1	104	/	22.45	/	23.00
		50	0	/	21.18	/	22.00
		50	28	/	22.23	/	23.00
		50	56	/	21.27	/	22.00
		100	0	/	21.26	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.28	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.80	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	22.20	/	23.00

N41 PC3 30kHz				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	21.76	/	/
		1	137	/	/	22.03	/	/
		1	271	/	/	22.31	/	/
		135	0	/	/	21.10	/	/
		135	69	/	/	22.06	/	/
		135	138	/	/	21.08	/	/
		270	0	/	/	21.06	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	21.06	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
100MHz	CP-OFDM QPSK	1	1	/	/	20.59	/	/
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				505200	511902	518598	525300	531996
60MHz	DFT-s-OFDM QPSK	1	1	21.82	21.64	21.72	21.71	21.91
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				501204	509904	518598	527298	535998
20MHz	DFT-s-OFDM QPSK	1	1	21.90	21.85	21.71	21.61	21.83

5.2 Conducted Power of NR(An4)

N48 30kHz				Conducted Power(dBm)		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				638000	641666	645322
				3570	3624.99	3679.98

40MHz	DFT-s-OFDM QPSK	1	1	19.94	19.90	19.78	21.00
		1	53	19.95	19.72	19.72	21.00
		1	104	19.96	19.97	19.83	21.00
		50	0	18.85	18.84	18.75	20.00
		50	28	19.81	19.85	19.74	21.00
		50	56	18.80	18.84	18.69	20.00
		100	0	18.71	18.77	18.75	20.00
	DFT-s-OFDM 16QAM	1	1	18.85	18.83	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 638000	Channel 641666	Channel 645322	Tune up
40MHz	CP-OFDM QPSK	1	1	18.32	18.37	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641666	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.95	20.03	19.82	21.00

N77 PC3 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.01	/	21.00
		1	137	/	19.98	/	21.00
		1	271	/	20.02	/	21.00
		135	0	/	19.01	/	20.00
		135	69	/	19.99	/	21.00
		135	138	/	18.97	/	20.00
		270	0	/	18.98	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.95	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.04	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.91	19.89	19.99	21.00

N77 PC3 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.13	/	21.00
		1	137	/	19.80	/	21.00
		1	271	/	19.88	/	21.00
		135	0	/	18.93	/	20.00
		135	69	/	19.99	/	21.00
		135	138	/	19.07	/	20.00
		270	0	/	18.88	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.76	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	18.31	/	19.50

Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	20.03	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.24	20.17	20.13	21.00

N77 PC3 30kHz				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	20.28	20.24	/	/	21.00
		1	137	/	/	20.35	20.19	/	/	21.00
		1	271	/	/	20.16	20.01	/	/	21.00
		135	0	/	/	19.28	19.15	/	/	20.00
		135	69	/	/	20.26	20.13	/	/	21.00
		135	138	/	/	19.24	19.18	/	/	20.00
		270	0	/	/	19.25	19.15	/	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	/	19.26	19.15	/	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel /	Channel 654800	Channel 657200	Channel /	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	18.78	18.60	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.20	20.38	20.18	20.19	20.14	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.38	20.32	20.33	20.16	20.28	20.18	21.00

N78 PC3 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	20.35	/	21.00
		1	137	/	20.30	/	21.00
		1	271	/	20.34	/	21.00
		135	0	/	19.30	/	20.00
		135	69	/	20.34	/	21.00
		135	138	/	19.33	/	20.00
		270	0	/	19.41	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.29	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	18.78	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	20.32	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.42	20.30	20.44	21.00

N78 PC3 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	20.03	/	21.00
		1	137	/	19.79	/	21.00
		1	271	/	19.77	/	21.00
		135	0	/	18.99	/	20.00
		135	69	/	19.85	/	21.00
		135	138	/	18.88	/	20.00
		270	0	/	18.75	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.87	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	18.22	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.09	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	20.23	20.17	20.13	21.00

N78 PC3 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3750.00	/	21.00
		1	137	/	20.12	/	21.00
		1	271	/	20.25	/	21.00
		1	271	/	20.23	/	21.00
		135	0	/	19.22	/	20.00
		135	69	/	20.25	/	21.00
		135	138	/	19.30	/	20.00
		270	0	/	19.26	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.28	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	19.50
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.11	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650000	652668	21.00
				19.98	20.03	20.23	

6 Conducted Power of WIFI and Bluetooth

6.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant6					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.15	18.00
	6	2437		17.05	18.00
	11	2462		17.02	18.00
802.11g	1	2412	6	14.20	15.00
	6	2437		13.86	15.00
	11	2462		14.21	15.00
802.11n HT20	1	2412	6.5	14.20	15.00
	6	2437		13.89	15.00
	11	2462		14.26	15.00
802.11n HT40	3	2422	13.5	14.15	15.00
	6	2437		13.96	15.00
	9	2452		14.30	15.00
802.11ax HE20	1	2412	MCS0	12.02	13.00
	6	2437		12.01	13.00
	11	2462		12.19	13.00
802.11ax HE40	3	2422	MCS0	9.95	11.00
	6	2437		9.93	11.00
	9	2452		10.18	11.00
802.11be EHT20	1	2412	MCS0	10.16	11.00
	6	2437		9.90	11.00
	11	2462		10.26	11.00
802.11be EHT40	3	2422	MCS0	9.00	10.00
	6	2437		8.98	10.00
	9	2452		9.18	10.00

WIFI 2.4G Ant5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.38	18.00
	6	2437		17.18	18.00
	11	2462		17.21	18.00
802.11g	1	2412	6	14.23	15.00
	6	2437		14.17	15.00
	11	2462		14.35	15.00
802.11n HT20	1	2412	6.5	14.22	15.00
	6	2437		14.15	15.00
	11	2462		14.41	15.00
802.11n HT40	3	2422	13.5	14.69	15.00
	6	2437		14.82	15.00
	9	2452		14.49	15.00
802.11ax HE20	1	2412	MCS0	12.27	13.00
	6	2437		12.19	13.00
	11	2462		12.37	13.00
802.11ax HE40	3	2422	MCS0	10.68	11.00
	6	2437		10.82	11.00
	9	2452		10.45	11.00
802.11be EHT20	1	2412	MCS0	10.25	11.00
	6	2437		10.17	11.00
	11	2462		10.40	11.00
802.11be EHT40	3	2422	MCS0	9.65	10.00
	6	2437		9.83	10.00
	9	2452		9.54	10.00

WIFI 2.4G MIMO					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.28	21.00
	6	2437		20.13	21.00
	11	2462		20.13	21.00
802.11g	1	2412	6	17.23	18.00
	6	2437		17.03	18.00
	11	2462		17.29	18.00
802.11n HT20	1	2412	6.5	17.22	18.00
	6	2437		17.03	18.00
	11	2462		17.35	18.00
802.11n HT40	3	2422	13.5	17.44	18.00
	6	2437		17.42	18.00
	9	2452		17.41	18.00
802.11ax HE20	1	2412	MCS0	15.16	16.00
	6	2437		15.11	16.00
	11	2462		15.29	16.00
802.11ax HE40	3	2422	MCS0	13.34	14.00
	6	2437		13.41	14.00
	9	2452		13.33	14.00
802.11be EHT20	1	2412	MCS0	13.22	14.00
	6	2437		13.05	14.00
	11	2462		13.34	14.00
802.11be EHT40	3	2422	MCS0	12.35	13.00
	6	2437		12.44	13.00
	9	2452		12.37	13.00

6.2 Conducted Power of 5G WIFI

WIFI 5G Ant6					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.39	13.00
		40	5200	12.37	13.00
		44	5220	12.41	13.00
		48	5240	12.44	13.00
	802.11n HT20	36	5180	13.42	14.00
		40	5200	13.34	14.00
		44	5220	13.40	14.00
		48	5240	13.44	14.00
	802.11n HT40	38	5190	11.74	13.00
		46	5230	11.82	13.00
	802.11ac VHT20	36	5180	13.44	14.00
		40	5200	13.34	14.00
		44	5220	13.45	14.00
		48	5240	13.46	14.00
	802.11ac VHT40	38	5190	11.76	13.00
		46	5230	11.86	13.00
	802.11ac VHT80	42	5210	11.36	12.00
	802.11ax HE20	36	5180	13.34	14.00
		40	5200	13.39	14.00
		44	5220	13.43	14.00
		48	5240	13.45	14.00
	802.11ax HE40	38	5190	11.74	13.00
		46	5230	11.87	13.00
	802.11ax HE80	42	5210	11.33	12.00
	802.11be EHT20	36	5180	13.36	14.00
		40	5200	13.38	14.00
		44	5220	13.38	14.00
		48	5240	13.44	14.00
	802.11be EHT40	38	5190	11.74	13.00
		46	5230	11.86	13.00
	802.11be EHT80	42	5210	11.35	12.00
5GHz U-NII-2A	802.11a	52	5260	14.52	15.00
		56	5280	14.54	15.00
		60	5300	14.64	15.00
		64	5320	14.65	15.00
	802.11n HT20	52	5260	13.54	14.00
		56	5280	13.55	14.00
		60	5300	13.63	14.00
		64	5320	13.57	14.00
	802.11n HT40	54	5270	11.98	13.00
		62	5310	12.16	13.00
	802.11ac VHT20	52	5260	13.56	14.00
		56	5280	13.57	14.00
		60	5300	13.60	14.00
		64	5320	13.58	14.00
	802.11ac VHT40	54	5270	12.00	13.00
		62	5310	12.19	13.00
	802.11ac VHT80	58	5290	11.55	12.00
	802.11ac VHT160	50	5250	10.40	11.00
	802.11ax HE20	52	5260	13.49	14.00
		56	5280	13.51	14.00
		60	5300	13.62	14.00
		64	5320	13.57	14.00
	802.11ax HE40	54	5270	12.00	13.00
		62	5310	12.20	13.00
	802.11ax	58	5290	11.60	12.00

	HE80				
	802.11ax HE160	50	5250	10.38	11.00
	802.11be EHT20	52	5260	13.55	14.00
		56	5280	13.54	14.00
		60	5300	13.66	14.00
		64	5320	13.58	14.00
	802.11be EHT40	54	5270	11.96	13.00
		62	5310	12.20	13.00
5GHz UNII-2C	802.11be EHT80	58	5290	11.57	12.00
	802.11be EHT160	50	5250	10.36	11.00
	802.11a	100	5500	13.36	15.00
		104	5520	13.26	15.00
		108	5540	13.28	15.00
		112	5560	13.27	15.00
		116	5580	13.45	15.00
		120	5600	13.39	15.00
		124	5620	13.42	15.00
		128	5640	14.32	15.00
		132	5660	14.29	15.00
		136	5680	14.35	15.00
		140	5700	14.39	15.00
		144	5720	13.31	15.00
	802.11n HT20	100	5500	12.31	14.00
		104	5520	12.22	14.00
		108	5540	12.26	14.00
		112	5560	12.27	14.00
		116	5580	12.41	14.00
		120	5600	12.42	14.00
		124	5620	12.41	14.00
		128	5640	13.28	14.00
		132	5660	13.31	14.00
		136	5680	13.31	14.00
		140	5700	13.41	14.00
		144	5720	12.30	14.00
	802.11n HT40	102	5510	12.01	13.00
		110	5550	11.91	13.00
		118	5590	12.22	13.00
		126	5630	12.07	13.00
		134	5670	12.11	13.00
		142	5710	12.10	13.00
	802.11ac VHT20	100	5500	12.35	14.00
		104	5520	12.29	14.00
		108	5540	12.30	14.00
		112	5560	12.28	14.00
		116	5580	12.44	14.00
		120	5600	12.36	14.00
		124	5620	12.46	14.00
		128	5640	13.33	14.00
		132	5660	13.30	14.00
		136	5680	13.36	14.00
		140	5700	13.35	14.00
		144	5720	12.33	14.00
	802.11ac VHT40	102	5510	12.31	13.00
		110	5550	12.21	13.00
		118	5590	12.25	13.00
		126	5630	12.23	13.00
		134	5670	12.46	13.00
		142	5710	12.41	13.00
	802.11ac VHT80	106	5530	10.99	12.00
		122	5610	11.09	12.00
		138	5690	11.08	12.00
	802.11ac VHT160	114	5570	10.22	11.00
	802.11ax	100	5500	12.39	14.00

	HE20	104	5520	12.26	14.00
		108	5540	12.31	14.00
		112	5560	12.31	14.00
		116	5580	12.46	14.00
		120	5600	12.35	14.00
		124	5620	12.40	14.00
		128	5640	13.37	14.00
		132	5660	13.33	14.00
		136	5680	13.37	14.00
		140	5700	13.39	14.00
		144	5720	12.36	14.00
		102	5510	12.27	13.00
	802.11ax HE40	110	5550	12.21	13.00
		118	5590	12.28	13.00
		126	5630	12.24	13.00
		134	5670	12.44	13.00
		142	5710	12.41	13.00
	802.11ax HE80	106	5530	10.99	12.00
		122	5610	11.13	12.00
		138	5690	11.04	12.00
	802.11ax HE160	114	5570	10.21	11.00
	802.11be EHT20	100	5500	12.33	14.00
		104	5520	12.28	14.00
		108	5540	12.26	14.00
		112	5560	12.25	14.00
		116	5580	12.41	14.00
		120	5600	12.37	14.00
		124	5620	12.40	14.00
		128	5640	13.29	14.00
		132	5660	13.34	14.00
		136	5680	13.38	14.00
		140	5700	13.40	14.00
	802.11be EHT40	144	5720	12.27	14.00
		102	5510	12.35	13.00
		110	5550	12.25	13.00
		118	5590	12.24	13.00
		126	5630	12.23	13.00
	802.11be EHT80	134	5670	12.42	13.00
		142	5710	12.37	13.00
		106	5530	10.96	12.00
	802.11be EHT160	122	5610	11.14	12.00
		138	5690	11.10	12.00
		114	5570	10.23	11.00
5GHz UNII-3	802.11a	149	5745	13.30	15.00
		153	5765	13.28	15.00
		157	5785	13.33	15.00
		161	5805	13.38	15.00
		165	5825	13.39	15.00
	802.11n HT20	149	5745	12.35	14.00
		153	5765	12.24	14.00
		157	5785	12.33	14.00
		161	5805	12.43	14.00
		165	5825	12.36	14.00
	802.11n HT40	151	5755	12.01	13.00
		159	5795	12.14	13.00
	802.11ac VHT20	149	5745	12.25	14.00
		153	5765	12.24	14.00
		157	5785	12.34	14.00
		161	5805	12.39	14.00
		165	5825	12.36	14.00
	802.11ac VHT40	151	5755	12.39	13.00
		159	5795	12.22	13.00
	802.11ac VHT80	155	5775	10.94	12.00
	802.11ax	149	5745	12.35	14.00

	HE20	153	5765	12.24	14.00
		157	5785	12.29	14.00
		161	5805	12.40	14.00
		165	5825	12.32	14.00
	802.11ax HE40	151	5755	12.32	13.00
		159	5795	12.25	13.00
	802.11ax HE80	155	5775	10.91	12.00
	802.11be EHT20	149	5745	12.25	14.00
		153	5765	12.24	14.00
		157	5785	12.38	14.00
		161	5805	12.38	14.00
	802.11be EHT40	151	5755	12.40	13.00
		159	5795	12.27	13.00
	802.11be EHT80	155	5775	10.92	12.00

WIFI 5G Ant5					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	11.78	13.00
		40	5200	11.80	13.00
		44	5220	11.90	13.00
		48	5240	11.83	13.00
	802.11n HT20	36	5180	12.76	14.00
		40	5200	12.78	14.00
		44	5220	12.90	14.00
		48	5240	12.92	14.00
	802.11n HT40	38	5190	12.01	13.00
		46	5230	12.15	13.00
	802.11ac VHT20	36	5180	12.78	14.00
		40	5200	12.78	14.00
		44	5220	12.89	14.00
		48	5240	12.82	14.00
	802.11ac VHT40	38	5190	12.01	13.00
		46	5230	12.15	13.00
	802.11ac VHT80	42	5210	11.29	12.00
	802.11ax HE20	36	5180	12.73	14.00
		40	5200	12.80	14.00
		44	5220	12.95	14.00
		48	5240	12.80	14.00
	802.11ax HE40	38	5190	12.03	13.00
		46	5230	12.20	13.00
	802.11ax HE80	42	5210	11.28	12.00
	802.11be EHT20	36	5180	12.77	14.00
		40	5200	12.82	14.00
		44	5220	12.88	14.00
		48	5240	12.80	14.00
	802.11be EHT40	38	5190	12.03	13.00
		46	5230	12.12	13.00
	802.11be EHT80	42	5210	11.33	12.00
5GHz U-NII-2A	802.11a	52	5260	14.15	15.00
		56	5280	14.16	15.00
		60	5300	14.24	15.00
		64	5320	14.66	15.00
	802.11n HT20	52	5260	13.11	14.00
		56	5280	13.16	14.00
		60	5300	13.28	14.00
		64	5320	13.67	14.00
	802.11n HT40	54	5270	12.52	13.00
		62	5310	12.72	13.00
	802.11ac VHT20	52	5260	13.20	14.00
		56	5280	13.17	14.00

		60	5300	13.28	14.00
		64	5320	13.61	14.00
	802.11ac VHT40	54	5270	12.61	13.00
		62	5310	12.67	13.00
	802.11ac VHT80	58	5290	11.60	12.00
	802.11ac VHT160	50	5250	10.93	11.00
	802.11ax HE20	52	5260	13.12	14.00
		56	5280	13.11	14.00
		60	5300	13.22	14.00
		64	5320	13.71	14.00
	802.11ax HE40	54	5270	12.57	13.00
		62	5310	12.63	13.00
	802.11ax HE80	58	5290	11.56	12.00
	802.11ax HE160	50	5250	10.93	11.00
	802.11be EHT20	52	5260	13.20	14.00
		56	5280	13.12	14.00
		60	5300	13.29	14.00
		64	5320	13.71	14.00
	802.11be EHT40	54	5270	12.59	13.00
		62	5310	12.66	13.00
	802.11be EHT80	58	5290	11.60	12.00
	802.11be EHT160	50	5250	10.95	11.00
5GHz UNII-2C	802.11a	100	5500	14.52	15.00
		104	5520	14.43	15.00
		108	5540	14.48	15.00
		112	5560	14.22	15.00
		116	5580	14.06	15.00
		120	5600	13.92	15.00
		124	5620	13.96	15.00
		128	5640	13.85	15.00
		132	5660	13.82	15.00
		136	5680	13.95	15.00
	802.11n HT20	140	5700	13.96	15.00
		144	5720	13.69	15.00
		100	5500	13.55	14.00
		104	5520	13.39	14.00
		108	5540	13.50	14.00
		112	5560	13.18	14.00
		116	5580	13.03	14.00
		120	5600	12.96	14.00
		124	5620	12.92	14.00
		128	5640	12.81	14.00
	802.11n HT40	132	5660	12.86	14.00
		136	5680	12.90	14.00
		140	5700	12.93	14.00
		144	5720	12.69	14.00
		102	5510	12.59	13.00
	802.11ac VHT20	110	5550	12.41	13.00
		118	5590	12.35	13.00
		126	5630	12.10	13.00
		134	5670	12.08	13.00
		142	5710	12.11	13.00
		100	5500	13.52	14.00
		104	5520	13.47	14.00
		108	5540	13.50	14.00
		112	5560	13.24	14.00
		116	5580	13.06	14.00
		120	5600	12.94	14.00
		124	5620	12.98	14.00
		128	5640	12.80	14.00
		132	5660	12.82	14.00
		136	5680	13.00	14.00

		140	5700	12.95	14.00
		144	5720	12.69	14.00
	802.11ac VHT40	102	5510	12.61	13.00
		110	5550	12.44	13.00
		118	5590	12.36	13.00
		126	5630	12.10	13.00
		134	5670	12.07	13.00
		142	5710	12.13	13.00
		106	5530	11.85	12.00
	802.11ac VHT80	122	5610	11.58	12.00
		138	5690	11.45	12.00
	802.11ac VHT160	114	5570	10.69	11.00
	802.11ax HE20	100	5500	13.57	14.00
		104	5520	13.40	14.00
		108	5540	13.47	14.00
		112	5560	13.25	14.00
		116	5580	13.06	14.00
		120	5600	12.96	14.00
		124	5620	12.99	14.00
		128	5640	12.86	14.00
		132	5660	12.77	14.00
		136	5680	12.92	14.00
		140	5700	13.00	14.00
		144	5720	12.70	14.00
	802.11ax HE40	102	5510	12.62	13.00
		110	5550	12.38	13.00
		118	5590	12.32	13.00
		126	5630	12.13	13.00
		134	5670	12.09	13.00
		142	5710	12.08	13.00
	802.11ax HE80	106	5530	11.86	12.00
		122	5610	11.62	12.00
		138	5690	11.49	12.00
	802.11ax HE160	114	5570	10.70	11.00
	802.11be EHT20	100	5500	13.48	14.00
		104	5520	13.42	14.00
		108	5540	13.44	14.00
		112	5560	13.19	14.00
		116	5580	13.08	14.00
		120	5600	12.91	14.00
		124	5620	12.92	14.00
		128	5640	12.83	14.00
		132	5660	12.83	14.00
		136	5680	12.92	14.00
		140	5700	12.97	14.00
		144	5720	12.73	14.00
	802.11be EHT40	102	5510	12.54	13.00
		110	5550	12.44	13.00
		118	5590	12.33	13.00
		126	5630	12.14	13.00
		134	5670	12.03	13.00
		142	5710	12.15	13.00
	802.11be EHT80	106	5530	11.89	12.00
		122	5610	11.63	12.00
		138	5690	11.48	12.00
	802.11be EHT160	114	5570	10.68	11.00
5GHz UNII-3	802.11a	149	5745	14.42	15.00
		153	5765	14.48	15.00
		157	5785	14.52	15.00
		161	5805	14.61	15.00
		165	5825	14.71	15.00
	802.11n HT20	149	5745	13.45	14.00
		153	5765	13.48	14.00
		157	5785	13.50	14.00

		161	5805	13.65	14.00
		165	5825	13.71	14.00
	802.11n HT40	151	5755	12.05	13.00
		159	5795	12.21	13.00
	802.11ac VHT20	149	5745	13.43	14.00
		153	5765	13.43	14.00
		157	5785	13.53	14.00
		161	5805	13.59	14.00
	802.11ac VHT40	165	5825	13.76	14.00
		151	5755	12.01	13.00
	802.11ac VHT80	159	5795	12.20	13.00
		155	5775	11.28	12.00
	802.11ax HE20	149	5745	13.37	14.00
		153	5765	13.43	14.00
		157	5785	13.49	14.00
		161	5805	13.61	14.00
	802.11ax HE40	165	5825	13.69	14.00
		151	5755	12.08	13.00
	802.11ax HE80	159	5795	12.16	13.00
		155	5775	11.33	12.00
	802.11be EHT20	149	5745	13.44	14.00
		153	5765	13.49	14.00
		157	5785	13.48	14.00
		161	5805	13.56	14.00
	802.11be EHT40	165	5825	13.76	14.00
		151	5755	12.07	13.00
	802.11be EHT80	159	5795	12.18	13.00
		155	5775	11.28	12.00

WIFI 5G MIMO					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.11	16.00
		40	5200	15.10	16.00
		44	5220	15.17	16.00
		48	5240	15.16	16.00
	802.11n HT20	36	5180	16.11	17.00
		40	5200	16.08	17.00
		44	5220	16.17	17.00
		48	5240	16.20	17.00
	802.11n HT40	38	5190	14.89	16.00
		46	5230	15.00	16.00
	802.11ac VHT20	36	5180	16.13	17.00
		40	5200	16.08	17.00
		44	5220	16.19	17.00
		48	5240	16.16	17.00
	802.11ac VHT40	38	5190	14.90	16.00
		46	5230	15.02	16.00
	802.11ac VHT80	42	5210	14.34	15.00
	802.11ax HE20	36	5180	16.06	17.00
		40	5200	16.12	17.00
		44	5220	16.21	17.00
		48	5240	16.15	17.00
	802.11ax HE40	38	5190	14.90	16.00
		46	5230	15.05	16.00
	802.11ax HE80	42	5210	14.32	15.00
	802.11be EHT20	36	5180	16.09	17.00
		40	5200	16.12	17.00
		44	5220	16.15	17.00
		48	5240	16.14	17.00
	802.11be EHT40	38	5190	14.90	16.00
		46	5230	15.00	16.00

	802.11be EHT80	42	5210	14.35	15.00
5GHz U-NII-2A	802.11a	52	5260	17.35	18.00
		56	5280	17.36	18.00
		60	5300	17.45	18.00
		64	5320	17.67	18.00
	802.11n HT20	52	5260	16.34	17.00
		56	5280	16.37	17.00
		60	5300	16.47	17.00
		64	5320	16.63	17.00
	802.11n HT40	54	5270	15.27	16.00
		62	5310	15.46	16.00
	802.11ac VHT20	52	5260	16.39	17.00
		56	5280	16.38	17.00
		60	5300	16.45	17.00
		64	5320	16.61	17.00
	802.11ac VHT40	54	5270	15.33	16.00
		62	5310	15.45	16.00
	802.11ac VHT80	58	5290	14.59	15.00
	802.11ac VHT160	50	5250	13.68	14.00
	802.11ax HE20	52	5260	16.32	17.00
		56	5280	16.32	17.00
		60	5300	16.43	17.00
		64	5320	16.65	17.00
	802.11ax HE40	54	5270	15.30	16.00
		62	5310	15.43	16.00
	802.11ax HE80	58	5290	14.59	15.00
	802.11ax HE160	50	5250	13.67	14.00
	802.11be EHT20	52	5260	16.39	17.00
		56	5280	16.35	17.00
		60	5300	16.49	17.00
		64	5320	16.66	17.00
	802.11be EHT40	54	5270	15.30	16.00
		62	5310	15.45	16.00
	802.11be EHT80	58	5290	14.60	15.00
	802.11be EHT160	50	5250	13.68	14.00
5GHz UNII-2C	802.11a	100	5500	16.99	18.00
		104	5520	16.89	18.00
		108	5540	16.93	18.00
		112	5560	16.78	18.00
		116	5580	16.78	18.00
		120	5600	16.67	18.00
		124	5620	16.71	18.00
		128	5640	17.10	18.00
		132	5660	17.07	18.00
		136	5680	17.16	18.00
		140	5700	17.19	18.00
		144	5720	16.51	18.00
	802.11n HT20	100	5500	15.98	17.00
		104	5520	15.85	17.00
		108	5540	15.93	17.00
		112	5560	15.76	17.00
		116	5580	15.74	17.00
		120	5600	15.71	17.00
		124	5620	15.68	17.00
		128	5640	16.06	17.00
		132	5660	16.10	17.00
		136	5680	16.12	17.00
		140	5700	16.19	17.00
		144	5720	15.51	17.00
	802.11n HT40	102	5510	15.32	16.00
		110	5550	15.18	16.00

		118	5590	15.30	16.00
		126	5630	15.10	16.00
		134	5670	15.11	16.00
		142	5710	15.12	16.00
		100	5500	15.98	17.00
802.11ac VHT20		104	5520	15.93	17.00
		108	5540	15.95	17.00
		112	5560	15.80	17.00
		116	5580	15.77	17.00
		120	5600	15.67	17.00
		124	5620	15.74	17.00
		128	5640	16.08	17.00
		132	5660	16.08	17.00
		136	5680	16.19	17.00
		140	5700	16.16	17.00
		144	5720	15.52	17.00
		102	5510	15.47	16.00
		110	5550	15.34	16.00
		118	5590	15.32	16.00
802.11ac VHT40		126	5630	15.18	16.00
		134	5670	15.28	16.00
		142	5710	15.28	16.00
		106	5530	14.45	15.00
		122	5610	14.35	15.00
802.11ac VHT80		138	5690	14.28	15.00
		114	5570	13.47	14.00
802.11ax HE20		100	5500	16.03	17.00
		104	5520	15.88	17.00
		108	5540	15.94	17.00
		112	5560	15.82	17.00
		116	5580	15.78	17.00
		120	5600	15.68	17.00
		124	5620	15.72	17.00
		128	5640	16.13	17.00
		132	5660	16.07	17.00
		136	5680	16.16	17.00
		140	5700	16.21	17.00
		144	5720	15.54	17.00
		102	5510	15.46	16.00
		110	5550	15.31	16.00
802.11ax HE40		118	5590	15.31	16.00
		126	5630	15.20	16.00
		134	5670	15.28	16.00
		142	5710	15.26	16.00
		106	5530	14.46	15.00
802.11ax HE80		122	5610	14.39	15.00
		138	5690	14.28	15.00
		114	5570	13.47	14.00
802.11ax HE160		100	5500	15.95	17.00
		104	5520	15.90	17.00
		108	5540	15.90	17.00
		112	5560	15.76	17.00
		116	5580	15.77	17.00
		120	5600	15.66	17.00
		124	5620	15.68	17.00
		128	5640	16.08	17.00
		132	5660	16.10	17.00
		136	5680	16.17	17.00
		140	5700	16.20	17.00
		144	5720	15.52	17.00
		102	5510	15.46	16.00
		110	5550	15.36	16.00
802.11be EHT20		118	5590	15.30	16.00
		126	5630	15.20	16.00
		134	5670	15.24	16.00
		102	5510	15.46	16.00
		110	5550	15.36	16.00
802.11be EHT40		118	5590	15.30	16.00
		126	5630	15.20	16.00
		134	5670	15.24	16.00
		102	5510	15.46	16.00
		110	5550	15.36	16.00

		142	5710	15.27	16.00
	802.11be EHT80	106	5530	14.46	15.00
		122	5610	14.40	15.00
		138	5690	14.30	15.00
	802.11be EHT160	114	5570	13.47	14.00
5GHz UNII-3	802.11a	149	5745	16.91	18.00
		153	5765	16.93	18.00
		157	5785	16.98	18.00
		161	5805	17.05	18.00
		165	5825	17.11	18.00
	802.11n HT20	149	5745	15.95	17.00
		153	5765	15.91	17.00
		157	5785	15.96	17.00
		161	5805	16.09	17.00
		165	5825	16.10	17.00
	802.11n HT40	151	5755	15.04	16.00
		159	5795	15.19	16.00
	802.11ac VHT20	149	5745	15.89	17.00
		153	5765	15.89	17.00
		157	5785	15.99	17.00
		161	5805	16.04	17.00
		165	5825	16.13	17.00
	802.11ac VHT40	151	5755	15.21	16.00
		159	5795	15.22	16.00
	802.11ac VHT80	155	5775	14.12	15.00
	802.11ax HE20	149	5745	15.90	17.00
		153	5765	15.89	17.00
		157	5785	15.94	17.00
		161	5805	16.06	17.00
		165	5825	16.07	17.00
	802.11ax HE40	151	5755	15.21	16.00
		159	5795	15.22	16.00
	802.11ax HE80	155	5775	14.14	15.00
	802.11be EHT20	149	5745	15.90	17.00
		153	5765	15.92	17.00
		157	5785	15.98	17.00
		161	5805	16.02	17.00
		165	5825	16.12	17.00
	802.11be EHT40	151	5755	15.25	16.00
		159	5795	15.24	16.00
	802.11be EHT80	155	5775	14.11	15.00

6.3 Conducted Power of WIFI 6E

WIFI 6E Ant6						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	3.25	4
		45	6175		3.20	4
		93	6415		3.41	4
	802.11ax HEW20	1	5955	MCS0	4.24	5
		45	6175		4.25	5
		93	6415		4.41	5
	802.11ax HEW40	3	5965	MCS0	6.45	7.5
		43	6165		6.71	7.5
		91	6405		6.57	7.5
	802.11ax HEW80	7	5985	MCS0	10.21	11
		39	6145		10.31	11
		87	6385		10.50	11
	802.11ax HEW160	15	6025	MCS0	11.06	12
		47	6185		11.05	12
		79	6345		11.00	12

	802.11be EHT20	1	5955	MCS0	4.28	5
		45	6175		4.24	5
		93	6415		4.41	5
	802.11be EHT40	3	5965	MCS0	6.96	8
		43	6165		7.19	8
		91	6405		7.09	8
	802.11be EHT80	7	5985	MCS0	10.17	11
		39	6145		10.35	11
		87	6385		10.45	11
	802.11be EHT160	15	6025	MCS0	11.01	12
		47	6185		11.09	12
		79	6345		11.05	12
	802.11be EHT320	31	6105	MCS0	11.81	12
		63	6265		11.70	12
		97	6435		3.29	4
U-NII-6 6.5GHz	802.11a	105	6475	6Mbps	3.53	4
		113	6515		3.62	4
		97	6435	MCS0	4.30	5
	802.11ax HEW20	105	6475		4.58	5
		113	6515		4.67	5
	802.11ax HEW40	99	6445	MCS0	6.52	7.5
		107	6485		6.86	7.5
	802.11ax HEW80	103	6465	MCS0	10.42	11
		119	6545		9.93	11
	802.11ax HEW160	111	6505	MCS0	10.65	12
	802.11be EHT20	97	6435	MCS0	4.25	5
		105	6475		4.57	5
		113	6515		4.63	5
	802.11be EHT40	99	6445	MCS0	6.97	8
		107	6485		7.37	8
	802.11be EHT80	103	6465	MCS0	10.42	11
		119	6545		9.93	11
	802.11be EHT160	111	6505	MCS0	10.60	12
	802.11be EHT320	95	6425	MCS0	11.80	12
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	3.44	4
		149	6695		3.33	4
		181	6855		3.87	4
	802.11ax HEW20	117	6535	MCS0	4.49	5
		149	6695		4.29	5
		181	6855		4.84	5
	802.11ax HEW40	115	6525	MCS0	6.92	7.5
		147	6685		7.10	7.5
		179	6845		6.66	7.5
	802.11ax HEW80	135	6625	MCS0	10.27	11
		151	6705		10.38	11
		167	6785		10.22	11
	802.11ax HEW160	143	6665	MCS0	11.11	12
		175	6825		11.08	12
		117	6535	MCS0	4.48	5
	802.11be EHT20	149	6695		4.35	5
		181	6855		4.82	5
	802.11be EHT40	115	6525	MCS0	7.46	8
		147	6685		7.65	8
		179	6845		7.13	8
	802.11be EHT80	135	6625	MCS0	10.32	11
		151	6705		10.42	11
		167	6785		10.23	11
	802.11be EHT160	143	6665	MCS0	11.14	12
		175	6825		11.09	12
	802.11be EHT320	127	6585	MCS0	11.45	12
		159	6745		11.68	12
U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	3.77	4
		209	6995		3.59	4
	802.11ax	185	6875	MCS0	4.82	5

	HEW20	209	6995		4.58	5
	802.11ax	187	6885	MCS0	6.72	7.5
	HEW40	227	7085		6.20	7.5
		183	6865		10.05	11
	802.11ax	199	6945	MCS0	9.99	11
	HEW80	215	7025		9.93	11
	802.11ax	207	6985	MCS0	10.75	12
	HEW160					
	802.11be	185	6875	MCS0	4.76	5
	EHT20	209	6995		4.64	5
	802.11be	187	6885	MCS0	7.22	8
	EHT40	227	7085		6.75	8
	802.11be	183	6865	MCS0	10.02	11
	EHT80	199	6945		10.04	11
		215	7025		9.96	11
	802.11be	207	6985	MCS0	10.80	12
	EHT160					
	802.11be	191	6905	MCS0	11.24	12
	EHT320					

WIFI 6E Ant5						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	2.70	4
		45	6175		2.39	4
		93	6415		3.29	4
	802.11ax HEW20	1	5955	MCS0	3.69	5
		45	6175		3.38	5
		93	6415		4.26	5
	802.11ax HEW40	3	5965	MCS0	6.57	7.5
		43	6165		6.32	7.5
		91	6405		7.01	7.5
	802.11ax HEW80	7	5985	MCS0	9.95	11
		39	6145		10.47	11
		87	6385		10.87	11
	802.11ax HEW160	15	6025	MCS0	10.49	12
		47	6185		10.88	12
		79	6345		11.08	12
	802.11be EHT20	1	5955	MCS0	3.66	5
		45	6175		3.40	5
		93	6415		4.25	5
	802.11be EHT40	3	5965	MCS0	7.02	8
		43	6165		6.85	8
		91	6405		7.49	8
	802.11be EHT80	7	5985	MCS0	9.96	11
		39	6145		10.51	11
		87	6385		10.86	11
	802.11be EHT160	15	6025	MCS0	10.47	12
		47	6185		10.92	12
		79	6345		11.07	12
	802.11be EHT320	31	6105	MCS0	11.69	12
		63	6265		11.66	12
U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	2.93	4
		105	6475		3.13	4
		113	6515		3.29	4
	802.11ax HEW20	97	6435	MCS0	3.98	5
		105	6475		4.12	5
		113	6515		4.28	5
	802.11ax HEW40	99	6445	MCS0	6.88	7.5
		107	6485		6.69	7.5
	802.11ax HEW80	103	6465	MCS0	10.54	11
		119	6545		10.59	11
	802.11ax HEW160	111	6505	MCS0	11.11	12
	802.11be EHT20	97	6435	MCS0	3.88	5
		105	6475		4.14	5
		113	6515		4.31	5

	802.11be EHT40	99	6445	MCS0	7.35	8
		107	6485		7.14	8
	802.11be EHT80	103	6465	MCS0	10.58	11
		119	6545		10.62	11
	802.11be EHT160	111	6505	MCS0	11.14	12
802.11be EHT320	95	6425	MCS0	11.66	12	
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	3.33	4
		149	6695		3.95	4
		181	6855		3.36	4
	802.11ax HEW20	117	6535	MCS0	4.31	5
		149	6695		4.97	5
		181	6855		4.31	5
	802.11ax HEW40	115	6525	MCS0	6.85	7.5
		147	6685		7.11	7.5
		179	6845		7.05	7.5
	802.11ax HEW80	135	6625	MCS0	10.32	11
		151	6705		10.42	11
		167	6785		10.69	11
	802.11ax HEW160	143	6665	MCS0	11.12	12
		175	6825		11.13	12
	802.11be EHT20	117	6535	MCS0	4.34	5
		149	6695		5.00	5
		181	6855		4.33	5
	802.11be EHT40	115	6525	MCS0	7.31	8
		147	6685		7.63	8
		179	6845		7.59	8
	802.11be EHT80	135	6625	MCS0	10.33	11
		151	6705		10.44	11
		167	6785		10.67	11
	802.11be EHT160	143	6665	MCS0	11.16	12
		175	6825		11.18	12
	802.11be EHT320	127	6585	MCS0	11.55	12
		159	6745		11.99	12
	U-NII-8 7.0GHz	802.11a	185	6875	6Mbps	3.30
209			6995	3.43		4
802.11ax HEW20		185	6875	MCS0	4.34	5
		209	6995		4.45	5
802.11ax HEW40		187	6885	MCS0	6.92	7.5
		227	7085		7.05	7.5
802.11ax HEW80		183	6865	MCS0	10.09	11
		199	6945		10.03	11
		215	7025		10.29	11
802.11ax HEW160		207	6985	MCS0	10.80	12
802.11be EHT20		185	6875	MCS0	4.28	5
		209	6995		4.45	5
802.11be EHT40		187	6885	MCS0	7.47	8
		227	7085		7.58	8
802.11be EHT80		183	6865	MCS0	10.08	11
		199	6945		10.04	11
		215	7025		10.24	11
802.11be EHT160		207	6985	MCS0	10.80	12
802.11be EHT320		191	6905	MCS0	11.28	12

WIFI 6E MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11a	1	5955	6Mbps	5.99	7.00
		45	6175		5.82	7.00
		93	6415		6.36	7.00
	802.11ax HEW20	1	5955	MCS0	6.98	8.00
		45	6175		6.85	8.00
		93	6415		7.35	8.00

	802.11ax HEW40	3	5965	MCS0	9.52	10.50
		43	6165		9.53	10.50
		91	6405		9.81	10.50
	802.11ax HEW80	7	5985	MCS0	13.09	14.00
		39	6145		13.40	14.00
		87	6385		13.70	14.00
	802.11ax HEW160	15	6025	MCS0	13.79	15.00
		47	6185		13.98	15.00
		79	6345		14.05	15.00
	802.11be EHT20	1	5955	MCS0	6.99	8.00
		45	6175		6.85	8.00
		93	6415		7.34	8.00
	802.11be EHT40	3	5965	MCS0	10.00	11.00
		43	6165		10.03	11.00
		91	6405		10.30	11.00
	802.11be EHT80	7	5985	MCS0	13.08	14.00
		39	6145		13.44	14.00
		87	6385		13.67	14.00
	802.11be EHT160	15	6025	MCS0	13.76	15.00
		47	6185		14.02	15.00
		79	6345		14.07	15.00
	802.11be EHT320	31	6105	MCS0	14.76	15.00
		63	6265		14.69	15.00
	U-NII-6 6.5GHz	802.11a	97	6435	6Mbps	6.12
105			6475	6.34		7.00
113			6515	6.47		7.00
802.11ax HEW20		97	6435	MCS0	7.15	8.00
		105	6475		7.37	8.00
		113	6515		7.49	8.00
802.11ax HEW40		99	6445	MCS0	9.71	10.50
		107	6485		9.79	10.50
802.11ax HEW80		103	6465	MCS0	13.49	14.00
		119	6545		13.28	14.00
802.11ax HEW160		111	6505	MCS0	13.90	15.00
802.11be EHT20		97	6435	MCS0	7.08	8.00
		105	6475		7.37	8.00
		113	6515		7.48	8.00
802.11be EHT40		99	6445	MCS0	10.17	11.00
		107	6485		10.27	11.00
802.11be EHT80		103	6465	MCS0	13.51	14.00
		119	6545		13.30	14.00
802.11be EHT160		111	6505	MCS0	13.89	15.00
802.11be EHT320		95	6425	MCS0	14.74	15.00
U-NII-7 6.7GHz	802.11a	117	6535	6Mbps	6.40	7.00
		149	6695		6.66	7.00
		181	6855		6.63	7.00
	802.11ax HEW20	117	6535	MCS0	7.41	8.00
		149	6695		7.65	8.00
		181	6855		7.59	8.00
	802.11ax HEW40	115	6525	MCS0	9.90	10.50
		147	6685		10.12	10.50
		179	6845		9.87	10.50
	802.11ax HEW80	135	6625	MCS0	13.31	14.00
		151	6705		13.41	14.00
		167	6785		13.47	14.00
	802.11ax HEW160	143	6665	MCS0	14.13	15.00
		175	6825		14.12	15.00
	802.11be EHT20	117	6535	MCS0	7.42	8.00
		149	6695		7.70	8.00
		181	6855		7.59	8.00
	802.11be EHT40	115	6525	MCS0	10.40	11.00
		147	6685		10.65	11.00
		179	6845		10.38	11.00
802.11be	135	6625	MCS0	13.34	14.00	

U-NII-8 7.0GHz	EHT80	151	6705		13.44	14.00
		167	6785		13.47	14.00
	802.11be EHT160	143	6665	MCS0	14.16	15.00
		175	6825		14.15	15.00
	802.11be EHT320	127	6585	MCS0	14.51	15.00
		159	6745		14.85	15.00
	802.11a	185	6875	6Mbps	6.55	7.00
		209	6995		6.52	7.00
	802.11ax HEW20	185	6875	MCS0	7.60	8.00
		209	6995		7.53	8.00
U-NII-8 7.0GHz	802.11ax HEW40	187	6885	MCS0	9.83	10.50
		227	7085		9.66	10.50
	802.11ax HEW80	183	6865	MCS0	13.08	14.00
		199	6945		13.02	14.00
		215	7025		13.12	14.00
	802.11ax HEW160	207	6985	MCS0	13.79	15.00
	802.11be EHT20	185	6875	MCS0	7.54	8.00
		209	6995		7.56	8.00
	802.11be EHT40	187	6885	MCS0	10.36	11.00
		227	7085		10.20	11.00
U-NII-8 7.0GHz	802.11be EHT80	183	6865	MCS0	13.06	14.00
		199	6945		13.05	14.00
		215	7025		13.11	14.00
	802.11be EHT160	207	6985	MCS0	13.81	15.00
	802.11be EHT320	191	6905	MCS0	14.27	15.00

6.4 Conducted Power of Bluetooth

BT Ant 6		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	9.49	10.44	9.04	11.00
	$\pi/4$ DQPSK	6.50	7.69	7.57	8.00
	8DPSK	6.51	7.71	7.57	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	9.66	10.73	9.23	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	9.55	10.61	9.14	11.00

BT Ant 5		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	10.09	10.55	10.15	11.00
	$\pi/4$ DQPSK	6.77	6.92	6.11	8.00
	8DPSK	6.82	6.96	6.13	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	10.26	10.74	10.38	11.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	10.26	10.57	10.20	11.00

6.5 Conducted Power of RFID

RFID			Tune up
Band	Frequency (MHz)	Average Conducted Power(dBm)	
RFID-1	902.75	23.95	24.50
	914.75	23.74	24.50
	927.25	23.94	24.50