Appendix E

Conducted RF Output Power

Measurement of RF conducted Power

1 Conducted Power of Legacy

Conducted Power of Legacy (Ant Main)

GSM 850										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	32.45	32.42	32.33	34.00	-9.19	23.26	23.23	23.14	24.81
	2 TX Slots	31.40	31.46	31.66	33.00	-6.18	25.22	25.28	25.48	26.82
	3 TX Slots	29.05	29.16	29.38	31.00	-4.42	24.63	24.74	24.96	26.58
	4 TX Slots	28.33	28.44	28.33	30.00	-3.17	25.16	25.27	25.16	26.83
EGPRS (GMSK)	1 TX Slot	32.48	32.45	32.23	34.00	-9.19	23.29	23.26	23.04	24.81
	2 TX Slots	31.44	31.44	31.64	33.00	-6.18	25.26	25.26	25.46	26.82
	3 TX Slots	29.04	29.08	29.43	31.00	-4.42	24.62	24.66	25.01	26.58
	4 TX Slots	28.43	28.12	28.41	30.00	-3.17	25.26	24.95	25.24	26.83
EGPRS (8PSK)	1 TX Slot	26.57	26.58	26.68	28.00	-9.19	17.38	17.39	17.49	18.81
	2 TX Slots	25.63	25.75	25.90	27.00	-6.18	19.45	19.57	19.72	20.82
	3 TX Slots	23.54	24.19	24.27	25.00	-4.42	19.12	19.77	19.85	20.58
	4 TX Slots	22.31	22.78	22.96	23.00	-3.17	19.14	19.61	19.79	19.83

GSM 1900										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	30.05	29.71	29.51	31.00	-9.19	20.86	20.52	20.32	21.81
	2 TX Slots	28.88	28.87	28.72	30.00	-6.18	22.70	22.69	22.54	23.82
	3 TX Slots	27.47	27.53	27.06	29.00	-4.42	23.05	23.11	22.64	24.58
	4 TX Slots	26.18	26.12	26.07	27.00	-3.17	23.01	22.95	22.90	23.83
EGPRS (GMSK)	1 TX Slot	30.04	29.77	29.46	31.00	-9.19	20.85	20.58	20.27	21.81
	2 TX Slots	28.98	28.80	28.70	30.00	-6.18	22.80	22.62	22.52	23.82
	3 TX Slots	27.50	27.62	27.06	29.00	-4.42	23.08	23.20	22.64	24.58
	4 TX Slots	26.25	26.04	26.08	27.00	-3.17	23.08	22.87	22.91	23.83
EGPRS (8PSK)	1 TX Slot	26.41	26.44	26.61	28.00	-9.19	17.22	17.25	17.42	18.81
	2 TX Slots	25.15	25.21	25.51	27.00	-6.18	18.97	19.03	19.33	20.82
	3 TX Slots	23.05	22.95	23.12	24.00	-4.42	18.63	18.53	18.70	19.58
	4 TX Slots	21.57	21.78	21.59	22.00	-3.17	18.40	18.61	18.42	18.83

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.96	22.99	22.93	24.00
HSDPA	Subtest 1	22.91	22.92	22.90	24.00
	Subtest 2	22.99	23.00	22.90	24.00
	Subtest 3	22.51	22.47	22.51	23.50
	Subtest 4	22.44	22.47	22.49	23.50
HSUPA	Subtest 1	22.95	22.94	22.92	24.00
	Subtest 2	20.90	21.00	20.99	22.00
	Subtest 3	21.95	22.02	21.99	23.00
	Subtest 4	21.00	20.93	20.96	22.00
	Subtest 5	22.97	22.93	22.91	24.00
DC-HSDPA	Subtest 1	22.92	22.96	22.88	24.00
	Subtest 2	22.97	22.91	22.94	24.00
	Subtest 3	22.43	22.48	22.40	23.50
	Subtest 4	22.49	22.45	22.50	23.50
HSPA+	16QAM	20.41	20.40	20.44	21.50

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.99	23.04	23.02	24.00
HSDPA	Subtest 1	22.96	22.88	22.94	24.00
	Subtest 2	22.97	22.95	22.89	24.00
	Subtest 3	22.47	22.51	22.47	23.50
	Subtest 4	22.43	22.44	22.51	23.50
HSUPA	Subtest 1	22.89	23.01	22.93	24.00
	Subtest 2	20.93	20.96	21.01	22.00
	Subtest 3	22.01	22.00	21.95	23.00
	Subtest 4	20.94	21.03	20.94	22.00
	Subtest 5	22.89	22.99	22.95	24.00
DC-HSDPA	Subtest 1	22.96	22.94	22.90	24.00
	Subtest 2	22.88	22.88	22.92	24.00
	Subtest 3	22.49	22.47	22.51	23.50
	Subtest 4	22.50	22.45	22.41	23.50
HSPA+	16QAM	20.48	20.50	20.43	21.50

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.01	**23.13**	22.99	24.00
HSDPA	Subtest 1	22.88	22.89	22.98	24.00
	Subtest 2	22.90	22.95	22.89	24.00
	Subtest 3	22.50	22.47	22.48	23.50
	Subtest 4	22.51	22.43	22.46	23.50
HSUPA	Subtest 1	22.94	22.95	22.92	24.00
	Subtest 2	20.98	20.95	21.01	22.00
	Subtest 3	21.98	21.97	21.93	23.00
	Subtest 4	20.89	20.94	20.97	22.00
	Subtest 5	22.94	22.94	22.88	24.00
DC-HSDPA	Subtest 1	22.91	22.87	22.94	24.00
	Subtest 2	22.88	22.98	22.97	24.00
	Subtest 3	22.52	22.51	22.48	23.50
	Subtest 4	22.50	22.41	22.46	23.50
HSPA+	16QAM	20.50	20.48	20.43	21.50

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.29	23.28	23.29	24.00
		1	2	23.20	23.22	23.26	24.00
		1	5	23.23	23.27	23.29	24.00
		3	0	23.21	23.18	23.22	24.00
		3	2	23.19	23.30	23.21	24.00
		3	3	23.30	23.25	23.20	24.00
		6	0	22.19	22.21	22.24	23.00
	16QAM	1	0	22.25	22.24	22.27	23.00
		1	2	22.23	22.19	22.20	23.00
		1	5	22.21	22.22	22.25	23.00
		3	0	22.21	22.23	22.23	23.00
		3	2	22.19	22.24	22.19	23.00
		3	3	22.29	22.20	22.18	23.00
		6	0	21.21	21.19	21.27	22.00
	64QAM	1	0	21.23	21.26	21.22	22.00
		1	2	21.26	21.24	21.23	22.00
		1	5	21.25	21.26	21.20	22.00
		3	0	21.18	21.27	21.25	22.00
		3	2	21.22	21.21	21.28	22.00
		3	3	21.26	21.28	21.23	22.00
		6	0	20.27	20.20	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23.29	23.25	23.20	24.00
		1	7	23.27	23.22	23.27	24.00
		1	14	23.21	23.25	23.18	24.00
		8	0	22.26	22.27	22.22	23.00
		8	4	22.23	22.29	22.18	23.00
		8	7	22.24	22.25	22.27	23.00
		15	0	22.27	22.28	22.19	23.00
	16QAM	1	0	22.21	22.30	22.22	23.00
		1	7	22.28	22.23	22.21	23.00
		1	14	22.29	22.19	22.29	23.00
		8	0	21.27	21.26	21.18	22.00
		8	4	21.20	21.26	21.20	22.00
		8	7	21.23	21.26	21.20	22.00
		15	0	21.29	21.25	21.29	22.00
	64QAM	1	0	21.21	21.26	21.27	22.00
		1	7	21.28	21.22	21.25	22.00
		1	14	21.22	21.21	21.19	22.00
		8	0	20.26	20.18	20.20	21.00
		8	4	20.24	20.24	20.29	21.00
		8	7	20.24	20.28	20.28	21.00
		15	0	20.19	20.27	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.26	23.25	23.23	24.00
		1	13	23.29	23.29	23.27	24.00
		1	24	23.21	23.23	23.30	24.00
		12	0	22.22	22.24	22.22	23.00
		12	6	22.26	22.22	22.28	23.00
		12	13	22.23	22.26	22.30	23.00
		25	0	22.25	22.21	22.18	23.00
	16QAM	1	0	22.29	22.29	22.24	23.00
		1	13	22.26	22.29	22.23	23.00
		1	24	22.29	22.22	22.18	23.00
		12	0	21.19	21.30	21.20	22.00
		12	6	21.25	21.19	21.29	22.00

		12	13	21.23	21.27	21.30	22.00
		25	0	21.26	21.24	21.29	22.00
	64QAM	1	0	21.24	21.26	21.28	22.00
		1	13	21.28	21.25	21.22	22.00
		1	24	21.26	21.23	21.22	22.00
		12	0	20.22	20.26	20.22	21.00
		12	6	20.27	20.23	20.29	21.00
		12	13	20.26	20.23	20.27	21.00
		25	0	20.25	20.19	20.25	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.28	23.21	23.29	24.00
		1	25	23.29	23.23	23.28	24.00
		1	49	23.20	23.28	23.27	24.00
		25	0	22.20	22.27	22.26	23.00
		25	13	22.27	22.22	22.29	23.00
		25	25	22.26	22.29	22.29	23.00
		50	0	22.28	22.22	22.20	23.00
	16QAM	1	0	22.29	22.18	22.20	23.00
		1	25	22.29	22.19	22.18	23.00
		1	49	22.22	22.27	22.29	23.00
		25	0	21.27	21.30	21.28	22.00
		25	13	21.27	21.28	21.25	22.00
		25	25	21.24	21.27	21.19	22.00
		50	0	21.23	21.19	21.29	22.00
	64QAM	1	0	21.27	21.28	21.23	22.00
		1	25	21.24	21.29	21.21	22.00
		1	49	21.21	21.26	21.29	22.00
		25	0	20.18	20.29	20.23	21.00
		25	13	20.28	20.28	20.29	21.00
		25	25	20.19	20.24	20.21	21.00
		50	0	20.22	20.19	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.27	23.21	23.29	24.00
		1	38	23.25	23.20	23.25	24.00
		1	74	23.20	23.26	23.26	24.00
		36	0	22.29	22.22	22.28	23.00
		36	18	22.21	22.21	22.28	23.00
		36	39	22.25	22.28	22.23	23.00
		75	0	22.28	22.21	22.22	23.00
	16QAM	1	0	22.30	22.20	22.18	23.00
		1	38	22.22	22.22	22.20	23.00
		1	74	22.26	22.29	22.23	23.00
		36	0	21.29	21.25	21.20	22.00
		36	18	21.27	21.19	21.24	22.00
		36	39	21.18	21.30	21.29	22.00
		75	0	21.19	21.22	21.29	22.00
	64QAM	1	0	21.18	21.23	21.25	22.00
		1	38	21.29	21.28	21.27	22.00
		1	74	21.20	21.23	21.25	22.00
		36	0	20.29	20.22	20.21	21.00
		36	18	20.29	20.20	20.26	21.00
		36	39	20.19	20.27	20.20	21.00
		75	0	20.20	20.19	20.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.29	23.48	23.21	24.00
		1	50	23.19	23.23	23.24	24.00
		1	99	23.25	23.27	23.28	24.00
		50	0	22.30	22.18	22.25	23.00
		50	25	22.26	22.23	22.22	23.00
		50	50	22.27	22.20	22.27	23.00

		100	0	22.24	22.25	22.26	23.00
	16QAM	1	0	22.20	22.22	22.19	23.00
		1	50	22.28	22.25	22.22	23.00
		1	99	22.19	22.27	22.26	23.00
		50	0	21.27	21.26	21.19	22.00
		50	25	21.20	21.28	21.23	22.00
		50	50	21.20	21.22	21.28	22.00
		100	0	21.20	21.23	21.19	22.00
	64QAM	1	0	21.28	21.20	21.29	22.00
		1	50	21.29	21.19	21.28	22.00
		1	99	21.28	21.20	21.23	22.00
		50	0	20.18	20.24	20.28	21.00
		50	25	20.19	20.24	20.30	21.00
		50	50	20.29	20.30	20.18	21.00
		100	0	20.20	20.19	20.29	21.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.18	23.20	23.24	24.00
		1	2	23.21	23.22	23.19	24.00
		1	5	23.23	23.28	23.20	24.00
		3	0	23.15	23.16	23.17	24.00
		3	2	23.29	23.26	23.23	24.00
		3	3	23.26	23.23	23.28	24.00
		6	0	22.19	22.19	22.21	23.00
	16QAM	1	0	22.24	22.19	22.21	23.00
		1	2	22.20	22.15	22.21	23.00
		1	5	22.16	22.19	22.16	23.00
		3	0	22.18	22.16	22.24	23.00
		3	2	22.26	22.25	22.16	23.00
		3	3	22.18	22.29	22.30	23.00
		6	0	21.26	21.26	21.16	22.00
	64QAM	1	0	21.23	21.26	21.28	22.00
		1	2	21.30	21.16	21.18	22.00
		1	5	21.15	21.27	21.16	22.00
		3	0	21.15	21.19	21.29	22.00
		3	2	21.27	21.18	21.28	22.00
		3	3	21.28	21.19	21.27	22.00
		6	0	20.16	20.18	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.29	23.33	23.34	24.00
		1	7	23.36	23.30	23.30	24.00
		1	14	23.28	23.39	23.29	24.00
		8	0	22.35	22.40	22.32	23.00
		8	4	22.29	22.33	22.30	23.00
		8	7	22.33	22.34	22.39	23.00
		15	0	22.30	22.31	22.34	23.00
	16QAM	1	0	22.36	22.31	22.36	23.00
		1	7	22.30	22.30	22.31	23.00
		1	14	22.38	22.31	22.29	23.00
		8	0	21.35	21.28	21.34	22.00
		8	4	21.31	21.33	21.29	22.00
		8	7	21.32	21.32	21.30	22.00
		15	0	21.37	21.29	21.33	22.00
	64QAM	1	0	21.29	21.30	21.36	22.00
		1	7	21.37	21.40	21.34	22.00
		1	14	21.29	21.38	21.38	22.00
		8	0	20.37	20.38	20.40	21.00
		8	4	20.39	20.34	20.36	21.00
		8	7	20.29	20.36	20.31	21.00

		15	0	20.35	20.30	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.28	23.30	23.29	24.00
		1	13	23.36	23.38	23.40	24.00
		1	24	23.33	23.32	23.36	24.00
		12	0	22.37	22.30	22.38	23.00
		12	6	22.30	22.30	22.36	23.00
		12	13	22.38	22.36	22.40	23.00
		25	0	22.31	22.37	22.36	23.00
	16QAM	1	0	22.34	22.32	22.31	23.00
		1	13	22.40	22.38	22.35	23.00
		1	24	22.30	22.39	22.40	23.00
		12	0	21.36	21.34	21.31	22.00
		12	6	21.35	21.35	21.37	22.00
		12	13	21.32	21.32	21.34	22.00
		25	0	21.38	21.39	21.33	22.00
	64QAM	1	0	21.33	21.35	21.33	22.00
		1	13	21.38	21.39	21.35	22.00
		1	24	21.40	21.38	21.32	22.00
		12	0	20.32	20.36	20.39	21.00
		12	6	20.32	20.28	20.35	21.00
		12	13	20.29	20.38	20.29	21.00
		25	0	20.38	20.33	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.33	23.34	23.37	24.00
		1	25	23.33	23.36	23.32	24.00
		1	49	23.30	23.34	23.36	24.00
		25	0	22.37	22.35	22.37	23.00
		25	13	22.32	22.33	22.34	23.00
		25	25	22.39	22.29	22.37	23.00
		50	0	22.30	22.29	22.35	23.00
	16QAM	1	0	22.28	22.34	22.34	23.00
		1	25	22.39	22.31	22.31	23.00
		1	49	22.30	22.30	22.38	23.00
		25	0	21.36	21.35	21.29	22.00
		25	13	21.30	21.30	21.39	22.00
		25	25	21.37	21.34	21.38	22.00
		50	0	21.31	21.40	21.32	22.00
	64QAM	1	0	21.30	21.37	21.30	22.00
		1	25	21.33	21.34	21.37	22.00
		1	49	21.38	21.38	21.40	22.00
		25	0	20.33	20.40	20.39	21.00
		25	13	20.33	20.35	20.30	21.00
		25	25	20.40	20.30	20.36	21.00
		50	0	20.30	20.39	20.39	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.29	23.39	23.38	24.00
		1	38	23.38	23.30	23.32	24.00
		1	74	23.38	23.32	23.37	24.00
		36	0	22.28	22.40	22.33	23.00
		36	18	22.38	22.35	22.34	23.00
		36	39	22.32	22.33	22.37	23.00
		75	0	22.39	22.38	22.37	23.00
	16QAM	1	0	22.39	22.38	22.32	23.00
		1	38	22.36	22.37	22.31	23.00
		1	74	22.29	22.31	22.33	23.00
		36	0	21.32	21.32	21.40	22.00
		36	18	21.32	21.32	21.36	22.00
		36	39	21.38	21.40	21.36	22.00
		75	0	21.30	21.37	21.28	22.00

	64QAM	1	0	21.36	21.39	21.34	22.00
		1	38	21.29	21.34	21.31	22.00
		1	74	21.29	21.33	21.33	22.00
		36	0	20.33	20.36	20.28	21.00
		36	18	20.30	20.35	20.29	21.00
		36	39	20.30	20.38	20.32	21.00
		75	0	20.35	20.33	20.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.36	/	24.00
		1	50	/	23.32	/	24.00
		1	99	/	23.34	/	24.00
		50	0	/	22.37	/	23.00
		50	25	/	22.38	/	23.00
		50	50	/	22.33	/	23.00
		100	0	/	22.34	/	23.00
	16QAM	1	0	/	22.30	/	23.00
		1	50	/	22.35	/	23.00
		1	99	/	22.29	/	23.00
		50	0	/	21.33	/	22.00
		50	25	/	21.38	/	22.00
		50	50	/	21.39	/	22.00
		100	0	/	21.30	/	22.00
	64QAM	1	0	/	21.29	/	22.00
		1	50	/	21.34	/	22.00
		1	99	/	21.37	/	22.00
		50	0	/	20.30	/	21.00
		50	25	/	20.36	/	21.00
		50	50	/	20.33	/	21.00
		100	0	/	20.30	/	21.00

LTE Band 5				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.27	23.30	23.25	24.00
		1	2	23.28	23.27	23.30	24.00
		1	5	23.22	23.25	23.21	24.00
		3	0	23.26	23.26	23.16	24.00
		3	2	23.21	23.24	23.27	24.00
		3	3	23.26	23.30	23.27	24.00
		6	0	22.29	22.27	22.19	23.00
	16QAM	1	0	22.24	22.16	22.25	23.00
		1	2	22.15	22.25	22.17	23.00
		1	5	22.27	22.27	22.17	23.00
		3	0	22.24	22.27	22.22	23.00
		3	2	22.20	22.18	22.16	23.00
		3	3	22.23	22.17	22.17	23.00
		6	0	21.17	21.18	21.18	22.00
	64QAM	1	0	21.22	21.15	21.19	22.00
		1	2	21.18	21.21	21.17	22.00
		1	5	21.25	21.18	21.25	22.00
		3	0	21.24	21.17	21.22	22.00
		3	2	21.27	21.29	21.29	22.00
		3	3	21.26	21.29	21.22	22.00
		6	0	20.16	20.18	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.27	23.25	23.16	24.00
		1	7	23.17	23.22	23.28	24.00
		1	14	23.16	23.16	23.26	24.00
		8	0	22.16	22.18	22.20	23.00
		8	4	22.28	22.19	22.28	23.00

		8	7	22.17	22.27	22.26	23.00
		15	0	22.23	22.22	22.22	23.00
	16QAM	1	0	22.16	22.26	22.25	23.00
		1	7	22.27	22.30	22.28	23.00
		1	14	22.28	22.20	22.28	23.00
		8	0	21.23	21.17	21.17	22.00
		8	4	21.16	21.21	21.16	22.00
		8	7	21.21	21.16	21.29	22.00
		15	0	21.25	21.27	21.17	22.00
	64QAM	1	0	21.29	21.17	21.16	22.00
		1	7	21.22	21.29	21.25	22.00
		1	14	21.28	21.27	21.18	22.00
		8	0	20.25	20.19	20.28	21.00
		8	4	20.24	20.17	20.28	21.00
		8	7	20.15	20.29	20.24	21.00
		15	0	20.28	20.29	20.18	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.22	23.25	23.26	24.00
		1	13	23.26	23.16	23.29	24.00
		1	24	23.30	23.19	23.30	24.00
		12	0	22.21	22.18	22.23	23.00
		12	6	22.19	22.18	22.23	23.00
		12	13	22.21	22.17	22.25	23.00
		25	0	22.29	22.16	22.28	23.00
	16QAM	1	0	22.24	22.25	22.20	23.00
		1	13	22.29	22.19	22.23	23.00
		1	24	22.20	22.16	22.15	23.00
		12	0	21.18	21.26	21.17	22.00
		12	6	21.24	21.29	21.20	22.00
		12	13	21.27	21.28	21.15	22.00
		25	0	21.23	21.23	21.18	22.00
	64QAM	1	0	21.20	21.29	21.21	22.00
		1	13	21.26	21.26	21.28	22.00
		1	24	21.20	21.27	21.19	22.00
		12	0	20.23	20.17	20.21	21.00
		12	6	20.30	20.20	20.15	21.00
		12	13	20.25	20.28	20.25	21.00
		25	0	20.22	20.17	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20525	Channel /	Tune up
10MHz	QPSK	1	0	/	23.35	/	24.00
		1	25	/	23.34	/	24.00
		1	49	/	23.34	/	24.00
		25	0	/	22.30	/	23.00
		25	13	/	22.32	/	23.00
		25	25	/	22.38	/	23.00
		50	0	/	22.36	/	23.00
	16QAM	1	0	/	22.31	/	23.00
		1	25	/	22.34	/	23.00
		1	49	/	22.32	/	23.00
		25	0	/	21.37	/	22.00
		25	13	/	21.36	/	22.00
		25	25	/	21.33	/	22.00
		50	0	/	21.27	/	22.00
	64QAM	1	0	/	21.39	/	22.00
		1	25	/	21.36	/	22.00
		1	49	/	21.33	/	22.00
		25	0	/	20.33	/	21.00
		25	13	/	20.37	/	21.00
		25	25	/	20.30	/	21.00
		50	0	/	20.38	/	21.00

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	23.52	23.54	23.53	24.00
		1	13	23.49	23.51	23.57	24.00
		1	24	23.55	23.48	23.57	24.00
		12	0	22.47	22.58	22.56	23.00
		12	6	22.54	22.58	22.46	23.00
		12	13	22.46	22.51	22.54	23.00
		25	0	22.58	22.52	22.50	23.00
	16QAM	1	0	22.53	22.50	22.56	23.00
		1	13	22.59	22.52	22.58	23.00
		1	24	22.57	22.52	22.59	23.00
		12	0	21.52	21.50	21.47	22.00
		12	6	21.58	21.60	21.57	22.00
		12	13	21.49	21.55	21.59	22.00
		25	0	21.47	21.51	21.50	22.00
	64QAM	1	0	21.55	21.46	21.58	22.00
		1	13	21.53	21.55	21.48	22.00
		1	24	21.50	21.49	21.59	22.00
		12	0	20.48	20.54	20.45	21.00
		12	6	20.54	20.59	20.60	21.00
		12	13	20.53	20.58	20.46	21.00
		25	0	20.52	20.51	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	23.53	23.65	23.56	24.00
		1	25	23.60	23.58	23.53	24.00
		1	49	23.61	23.60	23.59	24.00
		25	0	22.56	22.51	22.59	23.00
		25	13	22.54	22.53	22.62	23.00
		25	25	22.65	22.56	22.54	23.00
		50	0	22.65	22.58	22.63	23.00
	16QAM	1	0	22.61	22.59	22.56	23.00
		1	25	22.57	22.54	22.51	23.00
		1	49	22.52	22.64	22.60	23.00
		25	0	21.55	21.52	21.62	22.00
		25	13	21.51	21.62	21.53	22.00
		25	25	21.54	21.55	21.65	22.00
		50	0	21.63	21.65	21.56	22.00
	64QAM	1	0	21.65	21.53	21.58	22.00
		1	25	21.53	21.65	21.63	22.00
		1	49	21.62	21.61	21.55	22.00
		25	0	20.55	20.65	20.52	21.00
		25	13	20.56	20.58	20.58	21.00
		25	25	20.55	20.60	20.65	21.00
		50	0	20.65	20.57	20.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	23.52	23.52	23.65	24.00
		1	38	23.60	23.53	23.65	24.00
		1	74	23.59	23.55	23.55	24.00
		36	0	22.56	22.56	22.64	23.00
		36	18	22.53	22.63	22.53	23.00
		36	39	22.51	22.60	22.55	23.00
		75	0	22.58	22.58	22.57	23.00
	16QAM	1	0	22.60	22.62	22.64	23.00
		1	38	22.59	22.65	22.56	23.00
		1	74	22.52	22.64	22.54	23.00
		36	0	21.62	21.58	21.57	22.00
		36	18	21.60	21.63	21.50	22.00
		36	39	21.58	21.56	21.56	22.00

		75	0	21.51	21.62	21.59	22.00
	64QAM	1	0	21.53	21.51	21.55	22.00
		1	38	21.61	21.63	21.59	22.00
		1	74	21.50	21.61	21.55	22.00
		36	0	20.51	20.52	20.53	21.00
		36	18	20.64	20.64	20.62	21.00
		36	39	20.57	20.63	20.58	21.00
		75	0	20.54	20.57	20.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	23.71	23.77	23.73	24.00
		1	50	23.68	23.65	23.70	24.00
		1	99	23.64	23.71	23.64	24.00
		50	0	22.65	22.72	22.71	23.00
		50	25	22.63	22.67	22.68	23.00
		50	50	22.61	22.64	22.60	23.00
		100	0	22.55	22.67	22.62	23.00
	16QAM	1	0	22.66	22.63	22.74	23.00
		1	50	22.69	22.62	22.70	23.00
		1	99	22.69	22.71	22.73	23.00
		50	0	21.63	21.73	21.63	22.00
		50	25	21.66	21.62	21.67	22.00
		50	50	21.66	21.69	21.74	22.00
		100	0	21.62	21.67	21.70	22.00
	64QAM	1	0	21.71	21.64	21.71	22.00
		1	50	21.65	21.67	21.62	22.00
		1	99	21.73	21.61	21.70	22.00
		50	0	20.65	20.74	20.74	21.00
		50	25	20.64	20.71	20.74	21.00
		50	50	20.62	20.62	20.74	21.00
		100	0	20.68	20.62	20.68	21.00

LTE FDD Band 12				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 23017	Channel 23095	Channel 23173	Tune up
1.4MHz	QPSK	1	0	22.84	22.88	22.86	24.00
		1	2	22.86	22.87	22.88	24.00
		1	5	22.87	22.86	22.86	24.00
		3	0	22.85	22.86	22.88	24.00
		3	2	22.88	22.86	22.89	24.00
		3	3	22.86	22.85	22.88	24.00
		6	0	21.85	21.89	21.86	23.00
	16QAM	1	0	21.86	21.87	21.87	23.00
		1	2	21.86	21.88	21.86	23.00
		1	5	21.85	21.86	21.88	23.00
		3	0	21.87	21.89	21.88	23.00
		3	2	21.89	21.87	21.87	23.00
		3	3	21.88	21.85	21.88	23.00
		6	0	20.88	20.88	20.87	22.00
	64QAM	1	0	20.88	20.85	20.89	22.00
		1	2	20.88	20.86	20.85	22.00
		1	5	20.88	20.85	20.86	22.00
		3	0	20.87	20.88	20.88	22.00
		3	2	20.88	20.88	20.86	22.00
		3	3	20.89	20.88	20.87	22.00
		6	0	19.86	19.85	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 23025	Channel 23095	Channel 23165	Tune up
3MHz	QPSK	1	0	22.86	22.89	22.87	24.00
		1	7	22.79	22.82	22.81	24.00
		1	14	22.81	22.81	22.81	24.00
		8	0	22.18	22.18	22.17	23.00

		8	4	22.12	22.14	22.12	23.00
		8	7	22.11	22.12	22.12	23.00
		15	0	22.13	22.12	22.13	23.00
	16QAM	1	0	21.82	21.84	21.83	23.00
		1	7	21.77	21.74	21.78	23.00
		1	14	21.78	21.77	21.79	23.00
		8	0	21.17	21.16	21.18	22.00
		8	4	21.08	21.08	21.07	22.00
		8	7	21.11	21.09	21.10	22.00
		15	0	21.08	21.06	21.07	22.00
	64QAM	1	0	20.80	20.82	20.80	22.00
		1	7	20.74	20.75	20.73	22.00
		1	14	20.76	20.74	20.73	22.00
		8	0	20.11	20.12	20.12	21.00
		8	4	20.09	20.08	20.08	21.00
		8	7	20.07	20.05	20.08	21.00
		15	0	20.09	20.06	20.06	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	22.86	22.87	22.85	24.00
		1	13	22.79	22.82	22.79	24.00
		1	24	22.79	22.83	22.83	24.00
		12	0	22.20	22.20	22.17	23.00
		12	6	22.12	22.11	22.15	23.00
		12	13	22.09	22.11	22.09	23.00
		25	0	22.11	22.12	22.14	23.00
	16QAM	1	0	21.83	21.81	21.81	23.00
		1	13	21.77	21.74	21.76	23.00
		1	24	21.77	21.78	21.79	23.00
		12	0	21.17	21.15	21.17	22.00
		12	6	21.11	21.09	21.09	22.00
		12	13	21.11	21.11	21.10	22.00
		25	0	21.06	21.10	21.08	22.00
	64QAM	1	0	20.81	20.80	20.80	22.00
		1	13	20.73	20.77	20.74	22.00
		1	24	20.75	20.72	20.73	22.00
		12	0	20.10	20.10	20.10	21.00
		12	6	20.07	20.09	20.08	21.00
		12	13	20.05	20.06	20.04	21.00
		25	0	20.06	20.08	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 23095	Channel /	Tune up
10MHz	QPSK	1	0	/	22.94	/	24.00
		1	25	/	22.87	/	24.00
		1	49	/	22.88	/	24.00
		25	0	/	22.25	/	23.00
		25	13	/	22.20	/	23.00
		25	25	/	22.17	/	23.00
		50	0	/	22.19	/	23.00
	16QAM	1	0	/	21.90	/	23.00
		1	25	/	21.83	/	23.00
		1	49	/	21.85	/	23.00
		25	0	/	21.23	/	22.00
		25	13	/	21.16	/	22.00
		25	25	/	21.16	/	22.00
		50	0	/	21.15	/	22.00
	64QAM	1	0	/	20.87	/	22.00
		1	25	/	20.82	/	22.00
		1	49	/	20.81	/	22.00
		25	0	/	20.18	/	21.00
		25	13	/	20.15	/	21.00
		25	25	/	20.13	/	21.00
		50	0	/	20.14	/	21.00

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.48	/	24.00
		1	13	/	23.51	/	24.00
		1	24	/	23.52	/	24.00
		12	0	/	22.44	/	23.00
		12	6	/	22.45	/	23.00
		12	13	/	22.40	/	23.00
		25	0	/	22.51	/	23.00
	16QAM	1	0	/	22.51	/	23.00
		1	13	/	22.48	/	23.00
		1	24	/	22.44	/	23.00
		12	0	/	21.44	/	22.00
		12	6	/	21.42	/	22.00
		12	13	/	21.41	/	22.00
		25	0	/	21.53	/	22.00
	64QAM	1	0	/	21.45	/	22.00
		1	13	/	21.54	/	22.00
		1	24	/	21.50	/	22.00
		12	0	/	20.47	/	21.00
		12	6	/	20.44	/	21.00
		12	13	/	20.44	/	21.00
		25	0	/	20.54	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.70	/	24.00
		1	25	/	23.40	/	24.00
		1	49	/	23.36	/	24.00
		25	0	/	22.44	/	23.00
		25	13	/	22.42	/	23.00
		25	25	/	22.35	/	23.00
		50	0	/	22.38	/	23.00
	16QAM	1	0	/	22.37	/	23.00
		1	25	/	22.43	/	23.00
		1	49	/	22.43	/	23.00
		25	0	/	21.41	/	22.00
		25	13	/	21.44	/	22.00
		25	25	/	21.3	/	22.00
		50	0	/	21.35	/	22.00
	64QAM	1	0	/	21.39	/	22.00
		1	25	/	21.34	/	22.00
		1	49	/	21.31	/	22.00
		25	0	/	20.38	/	21.00
		25	13	/	20.33	/	21.00
		25	25	/	20.43	/	21.00
		50	0	/	20.32	/	21.00

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	22.91	/	24.00
		1	13	/	22.83	/	24.00
		1	24	/	22.90	/	24.00
		12	0	/	21.82	/	23.00
		12	6	/	21.80	/	23.00
		12	13	/	21.92	/	23.00
		25	0	/	21.88	/	23.00
	16QAM	1	0	/	21.92	/	23.00
		1	13	/	21.87	/	23.00

		1	24	/	21.83	/	23.00
		12	0	/	20.94	/	22.00
		12	6	/	20.94	/	22.00
		12	13	/	20.94	/	22.00
		25	0	/	20.86	/	22.00
	64QAM	1	0	/	20.89	/	22.00
		1	13	/	20.87	/	22.00
		1	24	/	20.92	/	22.00
		12	0	/	19.81	/	21.00
		12	6	/	19.83	/	21.00
		12	13	/	19.86	/	21.00
		25	0	/	19.82	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	23.09	/	24.00
		1	25	/	23.04	/	24.00
		1	49	/	22.99	/	24.00
		25	0	/	21.91	/	23.00
		25	13	/	21.99	/	23.00
		25	25	/	21.94	/	23.00
		50	0	/	21.96	/	23.00
	16QAM	1	0	/	21.99	/	23.00
		1	25	/	22.03	/	23.00
		1	49	/	21.96	/	23.00
		25	0	/	21.03	/	22.00
		25	13	/	20.92	/	22.00
		25	25	/	20.96	/	22.00
		50	0	/	20.97	/	22.00
	64QAM	1	0	/	20.98	/	22.00
		1	25	/	20.98	/	22.00
		1	49	/	20.94	/	22.00
		25	0	/	19.96	/	21.00
		25	13	/	19.96	/	21.00
		25	25	/	20.05	/	21.00
		50	0	/	20.05	/	21.00

LTE Band 25				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.08	23.08	23.01	24.00
		1	2	23.06	23.10	23.00	24.00
		1	5	23.05	23.02	23.07	24.00
		3	0	23.02	23.05	23.09	24.00
		3	2	22.99	23.00	23.08	24.00
		3	3	23.00	23.06	23.06	24.00
		6	0	22.05	22.00	22.08	23.00
	16QAM	1	0	22.10	22.03	22.02	23.00
		1	2	22.04	22.05	22.08	23.00
		1	5	22.05	22.10	22.07	23.00
		3	0	22.05	22.05	22.02	23.00
		3	2	22.01	22.06	22.03	23.00
		3	3	22.00	22.09	22.03	23.00
		6	0	21.04	20.99	21.08	22.00
	64QAM	1	0	21.02	21.06	21.02	22.00
		1	2	21.02	21.01	21.04	22.00
		1	5	21.00	21.07	21.03	22.00
		3	0	21.06	21.00	21.10	22.00
		3	2	21.00	21.08	21.03	22.00
		3	3	21.06	21.04	21.01	22.00
		6	0	20.09	20.05	20.06	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	

3MHz	QPSK	1	0	23.06	23.13	23.09	24.00
		1	7	23.05	23.12	23.01	24.00
		1	14	23.13	23.08	23.03	24.00
		8	0	22.00	22.02	22.05	23.00
		8	4	22.06	22.07	22.08	23.00
		8	7	22.09	22.02	22.06	23.00
		15	0	22.06	22.01	22.02	23.00
	16QAM	1	0	22.00	22.01	22.02	23.00
		1	7	22.09	22.06	22.03	23.00
		1	14	22.07	22.05	22.06	23.00
		8	0	21.15	21.03	21.11	22.00
		8	4	21.15	21.13	21.12	22.00
		8	7	21.08	21.11	21.10	22.00
		15	0	21.09	21.00	21.13	22.00
	64QAM	1	0	21.08	21.02	21.11	22.00
		1	7	21.13	21.12	21.14	22.00
		1	14	21.04	21.10	21.03	22.00
		8	0	20.15	20.05	20.09	21.00
		8	4	20.00	20.08	20.14	21.00
		8	7	20.07	20.02	20.11	21.00
		15	0	20.03	20.10	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26065	Channel 26365	Channel 26665	Tune up
5MHz	QPSK	1	0	23.05	23.13	23.08	24.00
		1	13	23.11	23.02	23.13	24.00
		1	24	23.08	23.01	23.07	24.00
		12	0	22.10	22.10	22.10	23.00
		12	6	22.11	22.13	22.08	23.00
		12	13	22.04	22.09	22.14	23.00
		25	0	22.07	22.08	22.07	23.00
	16QAM	1	0	22.07	22.08	22.02	23.00
		1	13	22.08	22.10	22.13	23.00
		1	24	22.07	22.08	22.04	23.00
		12	0	21.10	21.09	21.11	22.00
		12	6	21.08	21.12	21.05	22.00
		12	13	21.02	21.06	21.07	22.00
		25	0	21.07	21.06	21.04	22.00
	64QAM	1	0	21.01	21.12	21.04	22.00
		1	13	21.10	21.11	21.14	22.00
		1	24	21.10	21.13	21.13	22.00
		12	0	20.12	20.01	20.04	21.00
		12	6	20.07	20.03	20.01	21.00
		12	13	20.12	20.07	20.06	21.00
		25	0	20.02	20.07	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	23.01	23.15	23.04	24.00
		1	25	23.05	23.02	23.11	24.00
		1	49	23.05	23.03	23.09	24.00
		25	0	22.12	22.05	22.05	23.00
		25	13	22.10	22.03	22.04	23.00
		25	25	22.10	22.13	22.09	23.00
		50	0	22.03	22.11	22.15	23.00
	16QAM	1	0	22.14	22.00	22.12	23.00
		1	25	22.13	22.06	22.13	23.00
		1	49	22.04	22.12	22.11	23.00
		25	0	21.11	21.07	21.02	22.00
		25	13	21.06	21.08	21.03	22.00
		25	25	21.02	21.15	21.01	22.00
		50	0	21.15	21.08	21.02	22.00
	64QAM	1	0	21.06	21.01	21.07	22.00
		1	25	21.03	21.06	21.07	22.00
		1	49	21.09	21.05	21.09	22.00

		25	0	20.09	20.10	20.01	21.00
		25	13	20.04	20.09	20.06	21.00
		25	25	20.07	20.06	20.05	21.00
		50	0	20.02	20.04	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up
15MHz	QPSK	1	0	23.02	23.08	23.13	24.00
		1	38	23.05	23.10	23.11	24.00
		1	74	23.01	23.13	23.00	24.00
		36	0	22.08	22.03	22.00	23.00
		36	18	22.11	22.04	22.04	23.00
		36	39	22.11	22.12	22.10	23.00
		75	0	22.01	22.08	22.14	23.00
	16QAM	1	0	22.07	22.04	22.03	23.00
		1	38	22.07	22.08	22.08	23.00
		1	74	22.06	22.14	22.14	23.00
		36	0	21.02	21.05	21.01	22.00
		36	18	21.09	21.05	21.01	22.00
		36	39	21.01	21.03	21.11	22.00
		75	0	21.07	21.13	21.02	22.00
	64QAM	1	0	21.06	21.02	21.13	22.00
		1	38	21.02	21.11	21.14	22.00
		1	74	21.06	21.01	21.13	22.00
		36	0	20.06	20.00	20.02	21.00
		36	18	20.01	20.13	20.11	21.00
		36	39	20.02	20.12	20.14	21.00
		75	0	20.11	20.11	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	23.23	23.27	23.22	24.00
		1	50	23.19	23.13	23.15	24.00
		1	99	23.19	23.15	23.09	24.00
		50	0	22.21	22.26	22.16	23.00
		50	25	22.09	22.19	22.13	23.00
		50	50	22.16	22.14	22.11	23.00
		100	0	22.17	22.23	22.17	23.00
	16QAM	1	0	22.16	22.13	22.09	23.00
		1	50	22.11	22.15	22.13	23.00
		1	99	22.19	22.16	22.16	23.00
		50	0	21.15	21.08	21.11	22.00
		50	25	21.09	21.11	21.19	22.00
		50	50	21.06	21.12	21.06	22.00
		100	0	21.08	21.08	21.09	22.00
	64QAM	1	0	21.08	21.12	21.16	22.00
		1	50	21.17	21.12	21.15	22.00
		1	99	21.12	21.19	21.18	22.00
		50	0	20.15	20.18	20.12	21.00
		50	25	20.09	20.13	20.14	21.00
		50	50	20.13	20.16	20.08	21.00
		100	0	20.10	20.13	20.12	21.00

LTE Band 26				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	23.18	23.12	23.15	24.00
		1	2	23.19	23.19	23.16	24.00
		1	5	23.13	23.07	23.14	24.00
		3	0	23.16	23.19	23.13	24.00
		3	2	23.08	23.19	23.12	24.00
		3	3	23.14	23.09	23.15	24.00
		6	0	22.12	22.12	22.12	23.00
	16QAM	1	0	22.14	22.14	22.12	23.00

		1	2	22.10	22.08	22.07	23.00
		1	5	22.11	22.14	22.15	23.00
		3	0	22.07	22.09	22.14	23.00
		3	2	22.06	22.19	22.14	23.00
		3	3	22.16	22.13	22.12	23.00
		6	0	21.16	21.06	21.19	22.00
	64QAM	1	0	21.08	21.20	21.10	22.00
		1	2	21.06	21.16	21.09	22.00
		1	5	21.12	21.11	21.16	22.00
		3	0	21.10	21.17	21.08	22.00
		3	2	21.08	21.14	21.08	22.00
		3	3	21.17	21.18	21.08	22.00
		6	0	20.06	20.11	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.19	23.12	23.12	24.00
		1	7	23.11	23.09	23.13	24.00
		1	14	23.18	23.10	23.15	24.00
		8	0	22.18	22.05	22.10	23.00
		8	4	22.19	22.08	22.05	23.00
		8	7	22.13	22.12	22.18	23.00
		15	0	22.07	22.12	22.07	23.00
	16QAM	1	0	22.08	22.11	22.18	23.00
		1	7	22.06	22.17	22.19	23.00
		1	14	22.06	22.08	22.17	23.00
		8	0	21.12	21.13	21.05	22.00
		8	4	21.12	21.12	21.06	22.00
		8	7	21.11	21.10	21.07	22.00
		15	0	21.11	21.05	21.20	22.00
	64QAM	1	0	21.08	21.16	21.10	22.00
		1	7	21.10	21.19	21.08	22.00
		1	14	21.09	21.12	21.15	22.00
		8	0	20.14	20.07	20.16	21.00
		8	4	20.14	20.11	20.20	21.00
		8	7	20.16	20.13	20.10	21.00
		15	0	20.15	20.13	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	23.09	23.20	23.19	24.00
		1	13	23.16	23.18	23.19	24.00
		1	24	23.18	23.15	23.07	24.00
		12	0	22.08	22.13	22.05	23.00
		12	6	22.13	22.07	22.19	23.00
		12	13	22.08	22.16	22.16	23.00
		25	0	22.19	22.09	22.12	23.00
	16QAM	1	0	22.05	22.19	22.10	23.00
		1	13	22.06	22.18	22.10	23.00
		1	24	22.06	22.20	22.06	23.00
		12	0	21.19	21.11	21.09	22.00
		12	6	21.13	21.15	21.06	22.00
		12	13	21.16	21.16	21.19	22.00
		25	0	21.06	21.13	21.13	22.00
	64QAM	1	0	21.11	21.15	21.08	22.00
		1	13	21.13	21.11	21.16	22.00
		1	24	21.20	21.11	21.14	22.00
		12	0	20.10	20.12	20.08	21.00
		12	6	20.14	20.14	20.11	21.00
		12	13	20.09	20.07	20.08	21.00
		25	0	20.19	20.09	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26740	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.08	23.14	23.08	24.00
		1	25	23.20	23.12	23.20	24.00

		1	49	23.06	23.13	23.09	24.00
		25	0	22.05	22.16	22.14	23.00
		25	13	22.12	22.15	22.10	23.00
		25	25	22.08	22.13	22.15	23.00
		50	0	22.08	22.10	22.11	23.00
	16QAM	1	0	22.11	22.10	22.10	23.00
		1	25	22.13	22.16	22.18	23.00
		1	49	22.11	22.11	22.11	23.00
		25	0	21.15	21.11	21.17	22.00
		25	13	21.17	21.06	21.16	22.00
		25	25	21.13	21.14	21.15	22.00
		50	0	21.19	21.10	21.05	22.00
	64QAM	1	0	21.17	21.09	21.13	22.00
		1	25	21.16	21.13	21.07	22.00
		1	49	21.17	21.08	21.13	22.00
		25	0	20.05	20.14	20.18	21.00
		25	13	20.12	20.14	20.18	21.00
		25	25	20.15	20.06	20.09	21.00
		50	0	20.17	20.10	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.37	/	24.00
		1	38	/	23.32	/	24.00
		1	74	/	23.34	/	24.00
		36	0	/	22.32	/	23.00
		36	18	/	22.27	/	23.00
		36	39	/	22.23	/	23.00
		75	0	/	22.25	/	23.00
	16QAM	1	0	/	22.34	/	23.00
		1	38	/	22.34	/	23.00
		1	74	/	22.21	/	23.00
		36	0	/	21.28	/	22.00
		36	18	/	21.29	/	22.00
		36	39	/	21.30	/	22.00
		75	0	/	21.20	/	22.00
	64QAM	1	0	/	21.28	/	22.00
		1	38	/	21.35	/	22.00
		1	74	/	21.26	/	22.00
		36	0	/	20.24	/	21.00
		36	18	/	20.26	/	21.00
		36	39	/	20.24	/	21.00
		75	0	/	20.35	/	21.00

LTE FDD Band 30				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
5MHz	QPSK	1	0	/	23.28	/	24.00
		1	13	/	23.28	/	24.00
		1	24	/	23.29	/	24.00
		12	0	/	22.31	/	23.00
		12	6	/	22.27	/	23.00
		12	13	/	22.28	/	23.00
		25	0	/	22.31	/	23.00
	16QAM	1	0	/	22.28	/	23.00
		1	13	/	22.30	/	23.00
		1	24	/	22.31	/	23.00
		12	0	/	21.29	/	22.00
		12	6	/	21.28	/	22.00
		12	13	/	21.28	/	22.00
		25	0	/	21.28	/	22.00
	64QAM	1	0	/	21.28	/	22.00
		1	13	/	21.27	/	22.00

		1	24	/	21.29	/	22.00
		12	0	/	20.30	/	21.00
		12	6	/	20.29	/	21.00
		12	13	/	20.30	/	21.00
		25	0	/	20.31	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	23.38	/	24.00
		1	25	/	23.20	/	24.00
		1	49	/	23.21	/	24.00
		25	0	/	22.66	/	23.00
		25	13	/	22.50	/	23.00
		25	25	/	22.51	/	23.00
		50	0	/	22.47	/	23.00
	16QAM	1	0	/	22.36	/	23.00
		1	25	/	22.17	/	23.00
		1	49	/	22.20	/	23.00
		25	0	/	21.63	/	22.00
		25	13	/	21.46	/	22.00
		25	25	/	21.48	/	22.00
		50	0	/	21.43	/	22.00
	64QAM	1	0	/	21.33	/	22.00
		1	25	/	21.12	/	22.00
		1	49	/	21.16	/	22.00
		25	0	/	20.61	/	21.00
		25	13	/	20.42	/	21.00
		25	25	/	20.46	/	21.00
		50	0	/	20.39	/	21.00

LTE Band 38				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.43	23.43	23.42	24.00
		1	13	23.43	23.43	23.45	24.00
		1	24	23.44	23.45	23.46	24.00
		12	0	22.45	22.42	22.45	23.00
		12	6	22.46	22.43	22.46	23.00
		12	13	22.44	22.44	22.45	23.00
		25	0	22.45	22.45	22.45	23.00
	16QAM	1	0	22.45	22.44	22.43	23.00
		1	13	22.42	22.42	22.46	23.00
		1	24	22.46	22.44	22.46	23.00
		12	0	21.45	21.43	21.45	22.00
		12	6	21.45	21.43	21.44	22.00
		12	13	21.42	21.46	21.45	22.00
		25	0	21.46	21.45	21.45	22.00
	64QAM	1	0	21.45	21.44	21.45	22.00
		1	13	21.44	21.45	21.45	22.00
		1	24	21.45	21.42	21.45	22.00
		12	0	20.45	20.44	20.45	21.00
		12	6	20.44	20.44	20.45	21.00
		12	13	20.42	20.45	20.46	21.00
		25	0	20.45	20.45	20.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.46	23.45	23.47	24.00
		1	25	23.49	23.46	23.46	24.00
		1	49	23.45	23.47	23.49	24.00
		25	0	22.47	22.48	22.49	23.00
		25	13	22.46	22.45	22.48	23.00
		25	25	22.48	22.49	22.45	23.00
		50	0	22.46	22.46	22.46	23.00

	16QAM	1	0	22.46	22.45	22.48	23.00
		1	25	22.47	22.47	22.47	23.00
		1	49	22.46	22.46	22.48	23.00
		25	0	21.47	21.46	21.49	22.00
		25	13	21.46	21.46	21.47	22.00
		25	25	21.46	21.49	21.47	22.00
		50	0	21.48	21.46	21.47	22.00
	64QAM	1	0	21.48	21.47	21.48	22.00
		1	25	21.49	21.48	21.48	22.00
		1	49	21.46	21.48	21.47	22.00
		25	0	20.48	20.46	20.49	21.00
		25	13	20.45	20.47	20.47	21.00
		25	25	20.47	20.48	20.47	21.00
		50	0	20.48	20.45	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	23.45	23.45	23.48	24.00
		1	38	23.48	23.49	23.47	24.00
		1	74	23.47	23.48	23.49	24.00
		36	0	22.46	22.46	22.46	23.00
		36	18	22.47	22.47	22.47	23.00
		36	39	22.47	22.47	22.48	23.00
		75	0	22.46	22.47	22.46	23.00
	16QAM	1	0	22.49	22.46	22.46	23.00
		1	38	22.46	22.49	22.49	23.00
		1	74	22.46	22.45	22.46	23.00
		36	0	21.47	21.46	21.48	22.00
		36	18	21.48	21.46	21.49	22.00
		36	39	21.47	21.45	21.46	22.00
		75	0	21.49	21.46	21.47	22.00
	64QAM	1	0	21.49	21.49	21.46	22.00
		1	38	21.48	21.49	21.46	22.00
		1	74	21.47	21.46	21.45	22.00
		36	0	20.47	20.46	20.45	21.00
		36	18	20.47	20.48	20.47	21.00
		36	39	20.47	20.45	20.49	21.00
		75	0	20.48	20.47	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 38000	Channel /	Tune up
20MHz	QPSK	1	0	/	23.59	/	24.00
		1	50	/	23.57	/	24.00
		1	99	/	23.57	/	24.00
		50	0	/	22.55	/	23.00
		50	25	/	22.55	/	23.00
		50	50	/	22.58	/	23.00
		100	0	/	22.57	/	23.00
	16QAM	1	0	/	22.57	/	23.00
		1	50	/	22.57	/	23.00
		1	99	/	22.58	/	23.00
		50	0	/	21.55	/	22.00
		50	25	/	21.56	/	22.00
		50	50	/	21.57	/	22.00
		100	0	/	21.57	/	22.00
	64QAM	1	0	/	21.57	/	22.00
		1	50	/	21.57	/	22.00
		1	99	/	21.55	/	22.00
		50	0	/	20.55	/	21.00
		50	25	/	20.56	/	21.00
		50	50	/	20.59	/	21.00
		100	0	/	20.57	/	21.00

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	23.8	23.58	23.89	23.92	23.54	24.50
		1	13	23.61	23.42	23.72	23.75	23.36	24.50
		1	24	23.6	23.42	23.76	23.72	23.42	24.50
		12	0	22.73	22.54	22.89	22.9	22.49	23.50
		12	6	22.68	22.46	22.81	22.85	22.45	23.50
		12	13	22.66	22.55	22.83	22.85	22.46	23.50
		25	0	22.71	22.54	22.82	22.85	22.49	23.50
	16QAM	1	0	22.76	22.57	22.84	22.88	22.54	23.50
		1	13	22.59	22.47	22.67	22.72	22.38	23.50
		1	24	22.58	22.38	22.72	22.7	22.4	23.50
		12	0	21.73	21.59	21.88	21.86	21.54	22.50
		12	6	21.62	21.43	21.8	21.8	21.38	22.50
		12	13	21.66	21.54	21.8	21.81	21.42	22.50
		25	0	21.68	21.48	21.81	21.81	21.43	22.50
	64QAM	1	0	21.74	21.54	21.79	21.91	21.51	22.50
		1	13	21.58	21.45	21.63	21.73	21.32	22.50
		1	24	21.51	21.36	21.71	21.67	21.32	22.50
		12	0	20.78	20.53	20.85	20.84	20.45	21.50
		12	6	20.67	20.45	20.79	20.76	20.39	21.50
		12	13	20.62	20.52	20.75	20.82	20.45	21.50
		25	0	20.63	20.42	20.80	20.80	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.81	23.59	23.88	23.87	23.53	24.50
		1	25	23.63	23.45	23.7	23.71	23.37	24.50
		1	49	23.57	23.46	23.74	23.73	23.43	24.50
		25	0	22.77	22.57	22.86	22.91	22.5	23.50
		25	13	22.69	22.52	22.78	22.84	22.42	23.50
		25	25	22.72	22.53	22.84	22.89	22.44	23.50
		50	0	22.7	22.55	22.84	22.82	22.46	23.50
	16QAM	1	0	22.76	22.56	22.86	22.91	22.52	23.50
		1	25	22.6	22.43	22.65	22.72	22.37	23.50
		1	49	22.55	22.42	22.71	22.7	22.4	23.50
		25	0	21.75	21.58	21.87	21.88	21.5	22.50
		25	13	21.64	21.46	21.8	21.77	21.4	22.50
		25	25	21.65	21.51	21.81	21.83	21.43	22.50
		50	0	21.65	21.5	21.84	21.79	21.41	22.50
	64QAM	1	0	21.72	21.54	21.81	21.90	21.48	22.50
		1	25	21.61	21.42	21.67	21.72	21.36	22.50
		1	49	21.55	21.39	21.71	21.71	21.32	22.50
		25	0	20.78	20.54	20.87	20.84	20.51	21.50
		25	13	20.66	20.47	20.77	20.79	20.38	21.50
		25	25	20.60	20.49	20.80	20.82	20.42	21.50
		50	0	20.60	20.41	20.77	20.78	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	23.79	23.62	23.89	23.89	23.55	24.50
		1	38	23.65	23.46	23.69	23.75	23.39	24.50
		1	74	23.61	23.43	23.76	23.74	23.43	24.50
		36	0	22.75	22.57	22.87	22.91	22.51	23.50
		36	18	22.67	22.51	22.81	22.85	22.42	23.50
		36	39	22.69	22.54	22.85	22.84	22.44	23.50
		75	0	22.68	22.55	22.86	22.85	22.45	23.50
	16QAM	1	0	22.8	22.55	22.85	22.88	22.53	23.50
		1	38	22.59	22.46	22.65	22.7	22.35	23.50
		1	74	22.54	22.39	22.74	22.68	22.35	23.50
		36	0	21.77	21.58	21.89	21.89	21.5	22.50
		36	18	21.67	21.47	21.8	21.79	21.42	22.50
		36	39	21.63	21.5	21.82	21.81	21.46	22.50
		75	0	21.67	21.47	21.83	21.82	21.42	22.50
	64QAM	1	0	21.74	21.50	21.78	21.87	21.49	22.50

		1	38	21.57	21.44	21.65	21.72	21.35	22.50
		1	74	21.54	21.36	21.67	21.68	21.34	22.50
		36	0	20.76	20.53	20.88	20.81	20.46	21.50
		36	18	20.67	20.46	20.81	20.80	20.34	21.50
		36	39	20.64	20.51	20.76	20.83	20.42	21.50
		75	0	20.64	20.45	20.79	20.80	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	23.84	23.67	23.95	23.92	23.60	24.50
		1	50	23.68	23.50	23.76	23.79	23.45	24.50
		1	99	23.66	23.49	23.80	23.77	23.46	24.50
		50	0	22.81	22.63	22.95	22.97	22.57	23.50
		50	25	22.73	22.55	22.86	22.89	22.49	23.50
		50	50	22.75	22.60	22.90	22.93	22.51	23.50
		100	0	22.74	22.58	22.89	22.83	22.52	23.50
	16QAM	1	0	22.83	22.62	22.91	22.96	22.60	23.50
		1	50	22.65	22.50	22.73	22.77	22.44	23.50
		1	99	22.61	22.46	22.79	22.76	22.43	23.50
		50	0	21.81	21.63	21.92	21.94	21.57	22.50
		50	25	21.71	21.52	21.84	21.85	21.45	22.50
		50	50	21.71	21.58	21.86	21.88	21.50	22.50
		100	0	21.71	21.53	21.88	21.86	21.47	22.50
	64QAM	1	0	21.79	21.59	21.87	21.96	21.57	22.50
		1	50	21.65	21.49	21.72	21.77	21.40	22.50
		1	99	21.59	21.43	21.75	21.74	21.41	22.50
		50	0	20.82	20.61	20.91	20.90	20.54	21.50
		50	25	20.71	20.53	20.84	20.85	20.42	21.50
		50	50	20.68	20.57	20.84	20.89	20.48	21.50
		100	0	20.68	20.50	20.86	20.84	20.45	21.50

LTE Band 66				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	23.67	23.70	23.70	24.00
		1	2	23.66	23.67	23.67	24.00
		1	5	23.68	23.70	23.65	24.00
		3	0	23.66	23.68	23.70	24.00
		3	1	23.66	23.67	23.67	24.00
		3	3	23.66	23.70	23.68	24.00
		6	0	22.65	22.69	22.70	23.00
	16QAM	1	0	22.67	22.70	22.67	23.00
		1	2	22.71	22.70	22.65	23.00
		1	5	22.67	22.71	22.69	23.00
		3	0	22.69	22.68	22.69	23.00
		3	1	22.66	22.66	22.67	23.00
		3	3	22.68	22.68	22.70	23.00
		6	0	21.71	21.71	21.67	22.00
	64QAM	1	0	21.68	21.69	21.69	22.00
		1	2	21.70	21.66	21.70	22.00
		1	5	21.71	21.65	21.66	22.00
		3	0	21.68	21.65	21.67	22.00
		3	1	21.67	21.68	21.65	22.00
		3	3	21.70	21.66	21.66	22.00
		6	0	20.67	20.66	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	23.53	23.74	23.59	24.00
		1	7	23.50	23.68	23.53	24.00
		1	14	23.42	23.71	23.59	24.00
		8	0	22.53	22.79	22.58	23.00
		8	4	22.42	22.78	22.51	23.00

		8	7	22.47	22.74	22.57	23.00
		15	0	22.43	22.81	22.54	23.00
	16QAM	1	0	22.47	22.74	22.61	23.00
		1	7	22.42	22.64	22.49	23.00
		1	14	22.45	22.67	22.58	23.00
		8	0	21.48	21.78	21.58	22.00
		8	4	21.45	21.73	21.50	22.00
		8	7	21.40	21.73	21.57	22.00
		15	0	21.36	21.73	21.52	22.00
	64QAM	1	0	21.48	21.72	21.51	22.00
		1	7	21.40	21.62	21.47	22.00
		1	14	21.48	21.66	21.52	22.00
		8	0	20.42	20.83	20.59	21.00
		8	4	20.38	20.70	20.47	21.00
		8	7	20.42	20.69	20.49	21.00
		15	0	20.36	20.80	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	23.55	23.73	23.60	24.00
		1	13	23.48	23.67	23.53	24.00
		1	24	23.41	23.70	23.54	24.00
		12	0	22.52	22.79	22.59	23.00
		12	6	22.42	22.78	22.50	23.00
		12	13	22.46	22.78	22.55	23.00
		25	0	22.43	22.79	22.56	23.00
	16QAM	1	0	22.49	22.76	22.57	23.00
		1	13	22.47	22.65	22.49	23.00
		1	24	22.42	22.69	22.57	23.00
		12	0	21.47	21.77	21.54	22.00
		12	6	21.44	21.70	21.48	22.00
		12	13	21.41	21.72	21.55	22.00
		25	0	21.39	21.78	21.53	22.00
	64QAM	1	0	21.52	21.77	21.52	22.00
		1	13	21.43	21.63	21.43	22.00
		1	24	21.50	21.68	21.54	22.00
		12	0	20.46	20.79	20.55	21.00
		12	6	20.41	20.68	20.43	21.00
		12	13	20.43	20.71	20.52	21.00
		25	0	20.35	20.80	20.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	23.56	23.75	23.59	24.00
		1	25	23.44	23.70	23.52	24.00
		1	49	23.40	23.69	23.55	24.00
		25	0	22.51	22.78	22.63	23.00
		25	13	22.42	22.76	22.53	23.00
		25	25	22.44	22.78	22.58	23.00
		50	0	22.44	22.77	22.54	23.00
	16QAM	1	0	22.50	22.74	22.61	23.00
		1	25	22.43	22.63	22.53	23.00
		1	49	22.43	22.70	22.57	23.00
		25	0	21.50	21.75	21.58	22.00
		25	13	21.46	21.71	21.46	22.00
		25	25	21.38	21.74	21.58	22.00
		50	0	21.37	21.75	21.51	22.00
	64QAM	1	0	21.50	21.73	21.55	22.00
		1	25	21.40	21.65	21.42	22.00
		1	49	21.48	21.65	21.55	22.00
		25	0	20.45	20.81	20.59	21.00
		25	13	20.41	20.69	20.48	21.00
		25	25	20.44	20.69	20.48	21.00
		50	0	20.36	20.83	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				132047	132322	132597	
15MHz	QPSK	1	0	23.60	23.80	23.63	24.00
		1	38	23.53	23.75	23.60	24.00
		1	74	23.48	23.76	23.62	24.00
		36	0	22.56	22.86	22.66	23.00
		36	18	22.48	22.81	22.58	23.00
		36	39	22.53	22.82	22.63	23.00
		75	0	22.51	22.85	22.60	23.00
	16QAM	1	0	22.56	22.81	22.66	23.00
		1	38	22.51	22.70	22.57	23.00
		1	74	22.50	22.73	22.62	23.00
		36	0	21.53	21.83	21.63	22.00
		36	18	21.51	21.77	21.55	22.00
		36	39	21.45	21.79	21.64	22.00
		75	0	21.43	21.82	21.60	22.00
	64QAM	1	0	21.56	21.81	21.59	22.00
		1	38	21.47	21.70	21.50	22.00
		1	74	21.54	21.73	21.60	22.00
		36	0	20.49	20.87	20.63	21.00
		36	18	20.45	20.77	20.52	21.00
		36	39	20.49	20.75	20.56	21.00
		75	0	20.42	20.86	20.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	23.64	23.89	23.71	24.00
		1	50	23.58	23.81	23.67	24.00
		1	99	23.56	23.83	23.66	24.00
		50	0	22.61	22.95	22.71	23.00
		50	25	22.57	22.87	22.63	23.00
		50	50	22.57	22.87	22.67	23.00
		100	0	22.55	22.90	22.67	23.00
	16QAM	1	0	22.60	22.88	22.70	23.00
		1	50	22.54	22.78	22.63	23.00
		1	99	22.57	22.82	22.66	23.00
		50	0	21.61	21.91	21.70	22.00
		50	25	21.56	21.84	21.60	22.00
		50	50	21.53	21.85	21.67	22.00
		100	0	21.51	21.90	21.66	22.00
	64QAM	1	0	21.59	21.88	21.66	22.00
		1	50	21.53	21.77	21.59	22.00
		1	99	21.58	21.82	21.66	22.00
		50	0	20.57	20.92	20.69	21.00
		50	25	20.51	20.81	20.59	21.00
		50	50	20.54	20.83	20.65	21.00
		100	0	20.49	20.90	20.65	21.00

LTE Band 71				**Conducted Power(dBm)**			
Bandwidth	Modulation	RB size	RB offset	Channel 133147	Channel 133297	Channel 133447	Tune up
5MHz	QPSK	1	0	23.23	23.31	23.24	24.00
		1	13	23.21	23.24	23.22	24.00
		1	24	23.25	23.3	23.22	24.00
		12	0	22.45	22.45	22.47	23.00
		12	6	22.39	22.35	22.36	23.00
		12	13	22.37	22.38	22.43	23.00
		25	0	22.31	22.29	22.38	23.00
	16QAM	1	0	22.3	22.24	22.3	23.00
		1	13	22.18	22.17	22.23	23.00
		1	24	22.18	22.15	22.21	23.00
		12	0	21.44	21.5	21.41	22.00
		12	6	21.38	21.44	21.42	22.00
		12	13	21.4	21.36	21.4	22.00

		25	0	21.38	21.37	21.36	22.00
	64QAM	1	0	21.19	21.23	21.22	22.00
		1	13	21.21	21.24	21.17	22.00
		1	24	21.22	21.17	21.22	22.00
		12	0	20.41	20.39	20.44	21.00
		12	6	20.32	20.25	20.29	21.00
		12	13	20.30	20.36	20.37	21.00
		25	0	20.30	20.31	20.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 133172	Channel 133297	Channel 133422	Tune up
10MHz	QPSK	1	0	23.33	23.32	23.34	24.00
		1	25	23.3	23.28	23.32	24.00
		1	49	23.3	23.33	23.34	24.00
		25	0	22.52	22.49	22.5	23.00
		25	13	22.41	22.44	22.44	23.00
		25	25	22.49	22.5	22.5	23.00
		50	0	22.4	22.4	22.43	23.00
	16QAM	1	0	22.34	22.31	22.33	23.00
		1	25	22.25	22.23	22.25	23.00
		1	49	22.26	22.24	22.27	23.00
		25	0	21.5	21.54	21.53	22.00
		25	13	21.48	21.45	21.47	22.00
		25	25	21.41	21.42	21.43	22.00
		50	0	21.46	21.46	21.44	22.00
	64QAM	1	0	21.30	21.26	21.27	22.00
		1	25	21.25	21.29	21.28	22.00
		1	49	21.24	21.23	21.24	22.00
		25	0	20.49	20.52	20.49	21.00
		25	13	20.34	20.37	20.35	21.00
		25	25	20.41	20.39	20.43	21.00
		50	0	20.39	20.39	20.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 133297	Channel /	Tune up
15MHz	QPSK	1	0	/	23.39	/	24.00
		1	38	/	23.35	/	24.00
		1	74	/	23.37	/	24.00
		36	0	/	22.56	/	23.00
		36	18	/	22.5	/	23.00
		36	39	/	22.54	/	23.00
		75	0	/	22.46	/	23.00
	16QAM	1	0	/	22.38	/	23.00
		1	38	/	22.3	/	23.00
		1	74	/	22.3	/	23.00
		36	0	/	21.58	/	22.00
		36	18	/	21.52	/	22.00
		36	39	/	21.49	/	22.00
		75	0	/	21.5	/	22.00
	64QAM	1	0	/	21.35	/	22.00
		1	38	/	21.33	/	22.00
		1	74	/	21.32	/	22.00
		36	0	/	20.55	/	21.00
		36	18	/	20.43	/	21.00
		36	39	/	20.46	/	21.00
		75	0	/	20.44	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 133322	Channel /	Tune up
20MHz	QPSK	1	0	/	23.45	/	24.00
		1	50	/	23.38	/	24.00
		1	99	/	23.41	/	24.00
		50	0	/	22.63	/	23.00
		50	25	/	22.54	/	23.00
		50	50	/	22.59	/	23.00
		100	0	/	22.55	/	23.00

	16QAM	1	0	/	22.45	/	23.00
		1	50	/	22.39	/	23.00
		1	99	/	22.37	/	23.00
		50	0	/	21.63	/	22.00
		50	25	/	21.55	/	22.00
		50	50	/	21.55	/	22.00
		100	0	/	21.55	/	22.00
	64QAM	1	0	/	21.42	/	22.00
		1	50	/	21.36	/	22.00
		1	99	/	21.38	/	22.00
		50	0	/	20.59	/	21.00
		50	25	/	20.51	/	21.00
		50	50	/	20.54	/	21.00
		100	0	/	20.53	/	21.00

2 Conducted Power of WIFI and Bluetooth

Conducted Power of Bluetooth

BT Ant2		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	6.61	7.10	6.79	8.00
	π/4DQPSK	8.98	9.05	8.49	10.00
	8DPSK	9.10	9.39	8.99	10.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.94	7.23	7.18	8.00

Conducted Power of WIFI 2.4G

WIFI 2.4G Ant2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.02	19.00
	6	2437		17.86	19.00
	11	2462		17.72	19.00
802.11g	1	2412	6	19.07	20.00
	6	2437		19.20	20.00
	11	2462		19.08	20.00
802.11n HT20	1	2412	6.5	18.29	19.00
	6	2437		18.24	19.00
	11	2462		18.13	19.00
802.11n HT40	3	2422	13.5	18.04	19.00
	6	2437		18.36	19.00
	9	2452		18.02	19.00

Conducted Power of WIFI 5G

WIFI 5G Ant2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.08	19.00
		40	5200	18.01	19.00
		44	5220	18.06	19.00
		48	5240	17.68	19.00
	802.11n HT20	36	5180	18.11	19.00
		40	5200	18.00	19.00
		44	5220	17.98	19.00
		48	5240	17.52	19.00
	802.11n HT40	38	5190	17.46	19.00
		46	5230	18.28	19.00
	802.11ac VHT20	36	5180	18.05	19.00
		40	5200	17.85	19.00
		44	5220	18.10	19.00
		48	5240	18.12	19.00
	802.11ac VHT40	38	5190	18.10	19.00
		46	5230	18.23	19.00
	802.11ac VHT80	42	5210	18.13	19.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	18.45	19.00
		56	5280	18.43	19.00
		60	5300	18.42	19.00
		64	5320	18.43	19.00
	802.11n HT20	52	5260	17.71	19.00
		56	5280	17.55	19.00
		60	5300	17.94	19.00
		64	5320	18.10	19.00
	802.11n HT40	54	5270	18.01	19.00
		62	5310	18.23	19.00
	802.11ac VHT20	52	5260	18.31	19.00
		56	5280	18.28	19.00
		60	5300	18.24	19.00
		64	5320	18.44	19.00
	802.11ac VHT40	54	5270	18.55	19.00
		62	5310	18.53	19.00
	802.11ac VHT80	58	5290	17.96	19.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	18.64	19.00
		104	5520	18.57	19.00
		108	5540	18.49	19.00
		112	5560	18.57	19.00
		116	5580	18.50	19.00
		120	5600	18.05	19.00
		124	5620	17.94	19.00
		128	5640	18.59	19.00
		132	5660	18.51	19.00
		136	5680	18.60	19.00
		140	5700	18.08	19.00
		144	5720	18.01	19.00
	802.11n HT20	100	5500	18.02	19.00
		104	5520	17.92	19.00
		108	5540	17.91	19.00
		112	5560	17.90	19.00
		116	5580	17.89	19.00
		120	5600	18.35	19.00
		124	5620	18.28	19.00
		128	5640	18.24	19.00

		132	5660	18.21	19.00
		136	5680	18.30	19.00
		140	5700	18.27	19.00
		144	5720	18.29	19.00
	802.11n HT40	102	5510	18.01	19.00
		110	5550	17.90	19.00
		118	5590	18.17	19.00
		126	5630	18.00	19.00
		134	5670	18.41	19.00
		142	5710	17.91	19.00
	802.11ac VHT20	100	5500	18.54	19.00
		104	5520	18.43	19.00
		108	5540	18.46	19.00
		112	5560	18.41	19.00
		116	5580	18.48	19.00
		120	5600	18.35	19.00
		124	5620	18.29	19.00
		128	5640	18.24	19.00
		132	5660	18.19	19.00
		136	5680	18.23	19.00
		140	5700	17.91	19.00
		144	5720	17.78	19.00
	802.11ac VHT40	102	5510	18.39	19.00
		110	5550	18.35	19.00
		118	5590	18.17	19.00
		126	5630	18.36	19.00
		134	5670	18.36	19.00
		142	5710	18.35	19.00
	802.11ac VHT80	106	5530	18.20	19.00
		122	5610	18.09	19.00
		138	5690	18.03	19.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.01	11.00
		153	5765	9.96	11.00
		157	5785	9.92	11.00
		161	5805	9.90	11.00
		165	5825	10.20	11.00
	802.11n HT20	149	5745	9.82	11.00
		153	5765	9.75	11.00
		157	5785	10.14	11.00
		161	5805	10.00	11.00
		165	5825	9.97	11.00
	802.11n HT40	151	5755	9.95	11.00
		159	5795	10.40	11.00
	802.11ac VHT20	149	5745	9.82	11.00
		153	5765	9.73	11.00
		157	5785	10.31	11.00
		161	5805	10.28	11.00
		165	5825	10.01	11.00
	802.11ac VHT40	151	5755	10.12	11.00
		159	5795	9.92	11.00
	802.11ac VHT80	155	5775	10.02	11.00

- End of the Appendix -