Appendix E

Conducted RF Output Power

Measurement of RF conducted Power	
1	Conducted Power of GSM
2	Conducted Power of WCDMA
3	Conducted Power of LTE
4	Conducted Power of WIFI
5	Conducted Power of Bluetooth

1 Conducted Power of GSM

1.1 Conducted Power of GSM

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/EGPRS (GMSK)	1 TX Slot	33.13	33.08	33.19	33.50	-9.19	23.94	23.89	24.00	24.31
	2 TX Slots	32.11	32.09	32.15	32.50	-6.18	25.93	25.91	25.97	26.32
	3 TX Slots	30.22	30.20	30.22	30.50	-4.42	25.80	25.78	25.80	26.08
	4 TX Slots	29.24	29.25	29.21	29.50	-3.17	26.07	26.08	26.04	26.33
EGPRS(8PSK)	1 TX Slot	28.98	29.11	28.89	30.00	-9.19	19.79	19.92	19.70	20.81
	2 TX Slots	28.07	27.99	28.67	29.00	-6.18	21.89	21.81	22.49	22.82
	3 TX Slots	27.72	26.89	26.32	28.00	-4.42	23.30	22.47	21.90	23.58
	4 TX Slots	25.42	25.25	25.41	26.00	-3.17	22.25	22.08	22.24	22.83

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/EGPRS (GMSK)	1 TX Slot	30.32	30.26	30.24	30.50	-9.19	21.13	21.07	21.05	21.31
	2 TX Slots	29.33	29.22	29.13	29.50	-6.18	23.15	23.04	22.95	23.32
	3 TX Slots	27.42	27.18	27.02	27.50	-4.42	23.00	22.76	22.60	23.08
	4 TX Slots	26.25	26.33	26.32	26.50	-3.17	23.08	23.16	23.15	23.33
EGPRS(8PSK)	1 TX Slot	26.63	27.11	27.12	28.00	-9.19	17.44	17.92	17.93	18.81
	2 TX Slots	25.79	26.19	26.15	27.00	-6.18	19.61	20.01	19.97	20.82
	3 TX Slots	23.71	24.27	24.15	25.00	-4.42	19.29	19.85	19.73	20.58
	4 TX Slots	22.38	22.85	22.74	23.00	-3.17	19.21	19.68	19.57	19.83

2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.01	24.06	24.05	24.50
HSDPA	Subtest 1	23.80	23.53	23.44	24.00
	Subtest 2	23.78	23.53	23.47	24.00
	Subtest 3	23.78	23.51	23.47	24.00
	Subtest 4	23.75	23.48	23.42	24.00
HSUPA	Subtest 1	21.36	21.91	21.96	22.00
	Subtest 2	21.98	21.13	21.00	22.00
	Subtest 3	21.57	21.81	21.38	22.00
	Subtest 4	21.12	21.61	21.38	22.00
	Subtest 5	21.31	21.34	21.34	22.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.85	23.92	23.83	24.50
HSDPA	Subtest 1	24.01	23.76	23.85	24.50
	Subtest 2	24.02	23.76	23.85	24.50
	Subtest 3	24.01	23.75	23.84	24.50
	Subtest 4	23.98	23.73	23.81	24.50
HSUPA	Subtest 1	21.52	21.15	21.60	22.50
	Subtest 2	21.98	21.17	21.33	22.50
	Subtest 3	21.43	21.69	21.92	22.50
	Subtest 4	21.49	21.69	21.94	22.50
	Subtest 5	21.43	21.68	21.93	22.50

3 Conducted Power of LTE

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	24.05	24.03	24.04	24.50
		1	2	24.10	24.10	24.07	24.50
		1	5	24.11	24.08	24.09	24.50
		3	0	24.15	24.09	24.20	24.50
		3	2	24.13	24.15	24.04	24.50
		3	3	24.10	24.07	24.11	24.50
		6	0	23.00	23.13	23.05	23.50
	16QAM	1	0	23.47	23.23	22.79	23.50
		1	2	23.45	23.25	22.80	23.50
		1	5	23.46	23.23	22.82	23.50
		3	0	22.88	23.27	22.98	23.50
		3	2	22.93	23.21	22.95	23.50
		3	3	22.91	23.27	22.95	23.50
		6	0	22.17	22.27	22.21	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	24.06	23.94	23.98	24.50
		1	7	24.06	23.98	24.13	24.50
		1	14	24.02	23.99	24.05	24.50
		8	0	23.08	23.05	23.06	23.50
		8	4	23.03	23.08	23.11	23.50
		8	7	23.02	23.03	23.07	23.50
		15	0	23.11	23.03	23.17	23.50
	16QAM	1	0	23.00	23.37	23.09	23.50
		1	7	22.96	23.34	23.12	23.50
		1	14	22.97	23.43	23.14	23.50
		8	0	22.36	22.29	22.28	22.50
		8	4	22.42	22.32	22.23	22.50
		8	7	22.41	22.35	22.29	22.50
		15	0	22.22	22.09	22.20	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	24.03	24.01	24.03	24.50
		1	13	24.01	24.11	23.97	24.50
		1	24	24.00	24.07	24.06	24.50
		12	0	23.09	23.03	23.14	23.50
		12	6	23.12	23.01	23.17	23.50
		12	13	23.20	23.01	23.13	23.50
		25	0	23.14	23.03	23.12	23.50
	16QAM	1	0	22.76	23.09	23.36	23.50
		1	13	22.76	23.13	23.36	23.50
		1	24	22.74	23.17	23.40	23.50
		12	0	22.19	22.08	22.19	22.50
		12	6	22.19	22.07	22.22	22.50
		12	13	22.18	22.10	22.13	22.50
		25	0	22.17	22.12	22.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	24.15	24.17	24.10	24.50

		1	25	24.06	24.15	24.11	24.50
		1	49	24.06	24.19	24.14	24.50
		25	0	23.03	23.13	23.15	23.50
		25	13	23.02	23.08	23.23	23.50
		25	25	23.10	22.99	23.07	23.50
		50	0	23.11	23.09	23.23	23.50
	16QAM	1	0	23.11	23.20	22.79	23.50
		1	25	23.10	23.17	22.75	23.50
		1	49	23.05	23.16	22.77	23.50
		25	0	22.23	22.24	22.27	22.50
		25	13	22.18	22.19	22.28	22.50
		25	25	22.12	22.28	22.27	22.50
		50	0	22.17	22.16	22.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	24.14	24.06	23.96	24.50
		1	38	24.09	24.12	24.02	24.50
		1	74	23.99	24.05	23.98	24.50
		36	0	22.96	23.03	23.13	23.50
		36	18	23.06	23.00	23.22	23.50
		36	39	23.05	23.01	23.02	23.50
		75	0	23.09	23.02	23.14	23.50
	16QAM	1	0	23.12	23.14	23.48	23.50
		1	38	23.09	23.16	23.13	23.50
		1	74	22.96	23.10	23.50	23.50
		36	0	22.19	22.23	22.19	22.50
		36	18	22.19	22.14	22.17	22.50
		36	39	22.17	22.22	22.20	22.50
		75	0	22.14	22.06	22.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	24.29	24.31	24.26	24.50
		1	50	24.06	24.01	24.16	24.50
		1	99	24.05	24.03	24.20	24.50
		50	0	23.37	23.45	23.41	23.50
		50	25	23.03	23.03	23.05	23.50
		50	50	23.03	23.09	23.11	23.50
		100	0	22.99	23.09	23.01	23.50
	16QAM	1	0	23.20	23.30	23.45	23.50
		1	50	23.18	23.24	23.42	23.50
		1	99	23.14	23.21	23.43	23.50
		50	0	22.27	22.22	22.22	22.50
		50	25	22.22	22.09	22.15	22.50
		50	50	22.25	22.18	22.20	22.50
		100	0	22.09	22.10	22.23	22.50

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	23.90	23.80	23.77	24.50
		1	2	23.89	23.93	23.83	24.50
		1	5	23.83	23.97	23.81	24.50
		3	0	23.89	23.87	23.92	24.50
		3	2	23.95	23.86	23.95	24.50
		3	3	23.87	23.90	23.87	24.50
		6	0	22.73	22.86	22.88	23.50
	16QAM	1	0	23.25	22.96	23.01	23.50
		1	2	23.24	22.95	23.04	23.50
		1	5	23.26	23.03	23.06	23.50
		3	0	22.64	23.04	22.76	23.50
		3	2	22.68	23.12	22.78	23.50
		3	3	22.64	23.06	22.70	23.50
		6	0	21.91	22.13	22.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.75	23.82	24.03	24.50
		1	7	23.83	23.82	24.14	24.50
		1	14	23.78	23.82	24.11	24.50
		8	0	22.83	22.78	22.79	23.50
		8	4	22.89	22.86	22.81	23.50
		8	7	22.85	22.85	22.86	23.50
		15	0	22.83	22.80	22.90	23.50
	16QAM	1	0	22.74	23.46	23.10	23.50
		1	7	22.69	23.46	23.14	23.50
		1	14	22.79	23.42	23.13	23.50
		8	0	22.15	22.35	22.09	22.50
		8	4	22.13	22.23	22.10	22.50
		8	7	22.19	22.21	22.04	22.50
		15	0	21.94	22.04	21.89	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.75	23.82	23.72	24.50
		1	13	23.79	23.89	23.72	24.50
		1	24	23.75	23.79	23.73	24.50
		12	0	22.82	22.86	22.83	23.50
		12	6	22.82	22.79	22.93	23.50
		12	13	22.96	22.81	22.94	23.50
		25	0	22.95	22.76	22.89	23.50
	16QAM	1	0	22.48	22.87	23.12	23.50
		1	13	22.52	22.88	23.09	23.50
		1	24	22.54	22.88	23.14	23.50
		12	0	21.91	21.96	21.92	22.50
		12	6	21.94	21.84	21.90	22.50
		12	13	22.01	21.88	21.88	22.50
		25	0	21.97	21.91	21.95	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.87	23.91	23.93	24.50
		1	25	23.84	23.95	23.91	24.50
		1	49	23.90	23.99	23.97	24.50
		25	0	22.91	22.78	22.87	23.50
		25	13	22.79	22.89	22.81	23.50
		25	25	22.81	22.88	22.89	23.50
		50	0	22.77	22.89	22.80	23.50
	16QAM	1	0	22.85	22.90	22.52	23.50
		1	25	22.85	22.91	22.54	23.50
		1	49	22.79	22.97	22.51	23.50
		25	0	21.94	22.10	21.88	22.50
		25	13	21.89	22.00	21.92	22.50
		25	25	21.87	22.03	21.94	22.50
		50	0	21.85	21.96	21.81	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.88	23.92	23.93	24.50
		1	38	23.80	23.97	23.89	24.50
		1	74	23.74	23.95	23.95	24.50
		36	0	22.79	22.67	22.85	23.50
		36	18	22.83	22.80	22.92	23.50
		36	39	22.82	22.92	22.90	23.50
		75	0	22.79	22.74	22.88	23.50
	16QAM	1	0	22.82	22.87	23.25	23.50
		1	38	22.71	22.91	23.34	23.50
		1	74	22.71	22.95	23.29	23.50
		36	0	21.85	21.95	21.88	22.50
		36	18	21.83	21.98	21.96	22.50
		36	39	21.89	21.97	21.95	22.50
		75	0	21.85	21.93	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.05	24.18	24.09	24.50
		1	50	23.75	23.78	24.02	24.50
		1	99	23.79	23.81	24.02	24.50
		50	0	23.18	23.27	23.24	23.50
		50	25	22.70	22.93	22.91	23.50
		50	50	22.85	22.78	22.78	23.50
		100	0	23.01	23.07	22.86	23.50
	16QAM	1	0	22.91	23.34	23.14	23.50
		1	50	22.89	23.32	23.11	23.50
		1	99	22.89	23.38	23.03	23.50
		50	0	22.03	21.93	21.89	22.50
		50	25	21.97	22.02	21.91	22.50
		50	50	21.93	21.96	21.95	22.50
		100	0	21.85	21.94	21.97	22.50

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	23.82	23.90	23.87	24.50
		1	2	23.74	23.92	24.01	24.50
		1	5	23.68	23.78	24.06	24.50
		3	0	23.85	23.88	23.81	24.50
		3	2	23.81	23.94	23.82	24.50
		3	3	23.82	23.86	23.88	24.50
		6	0	22.65	22.99	22.89	23.50
	16QAM	1	0	23.14	22.91	22.53	23.50
		1	2	23.19	22.97	22.49	23.50
		1	5	23.16	23.08	22.49	23.50
		3	0	22.54	22.99	22.53	23.50
		3	2	22.54	23.03	22.56	23.50
		3	3	22.45	22.96	22.58	23.50
		6	0	21.74	22.22	22.00	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.76	23.91	23.92	24.50
		1	7	23.76	23.89	23.91	24.50
		1	14	23.75	23.93	23.95	24.50
		8	0	22.73	22.89	22.91	23.50
		8	4	22.85	22.96	22.90	23.50
		8	7	22.85	22.92	22.91	23.50
		15	0	22.78	22.89	22.87	23.50
	16QAM	1	0	22.47	23.28	22.73	23.50
		1	7	22.45	23.02	22.81	23.50
		1	14	22.56	23.04	22.80	23.50
		8	0	21.98	22.13	22.13	22.50
		8	4	21.91	22.21	22.15	22.50
		8	7	22.01	22.28	22.08	22.50
		15	0	21.68	22.11	21.97	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.65	23.96	23.70	24.50
		1	13	23.75	23.82	23.74	24.50
		1	24	23.71	23.93	23.82	24.50
		12	0	22.74	23.04	22.83	23.50
		12	6	22.72	23.06	22.84	23.50
		12	13	22.91	22.93	22.79	23.50
		25	0	22.93	23.05	22.87	23.50
	16QAM	1	0	22.45	22.96	23.05	23.50
		1	13	22.42	22.94	22.99	23.50
		1	24	22.44	22.94	23.04	23.50
		12	0	21.72	21.87	21.81	22.50
		12	6	21.82	21.89	21.99	22.50
		12	13	21.78	21.98	22.01	22.50
		25	0	21.85	21.95	22.10	22.50

Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	24.08	24.19	24.03	24.50
		1	25	23.82	24.01	23.85	24.50
		1	49	23.80	24.00	23.86	24.50
		25	0	22.97	23.11	23.05	23.50
		25	13	22.86	22.92	22.85	23.50
		25	25	22.76	22.87	22.90	23.50
		50	0	22.82	23.02	22.78	23.50
	16QAM	1	0	22.71	22.94	22.57	23.50
		1	25	22.79	23.12	22.42	23.50
		1	49	22.90	23.01	22.50	23.50
		25	0	21.81	22.04	21.85	22.50
		25	13	22.00	22.13	22.09	22.50
		25	25	22.01	22.01	22.13	22.50
		50	0	21.94	22.05	22.01	22.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	22.45	22.62	22.66	23.50
		1	13	22.80	22.65	22.58	23.50
		1	24	22.61	22.59	23.01	23.50
		12	0	21.36	21.30	21.58	22.50
		12	6	21.77	21.36	22.05	22.50
		12	13	21.70	21.55	21.99	22.50
		25	0	21.77	21.25	21.98	22.50
	16QAM	1	0	21.38	21.73	22.28	22.50
		1	13	21.60	21.66	22.14	22.50
		1	24	21.54	21.69	22.44	22.50
		12	0	20.69	20.74	21.10	21.50
		12	6	20.98	20.92	21.11	21.50
		12	13	20.90	20.73	21.01	21.50
		25	0	20.96	20.78	21.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	22.39	22.58	22.79	23.50
		1	25	22.76	22.72	22.80	23.50
		1	49	22.66	22.69	22.63	23.50
		25	0	21.44	21.32	21.54	22.50
		25	13	21.72	21.35	21.97	22.50
		25	25	21.91	21.51	21.94	22.50
		50	0	21.68	21.23	22.07	22.50
	16QAM	1	0	21.71	21.92	21.63	22.50
		1	25	21.86	21.75	21.55	22.50
		1	49	21.82	21.79	21.78	22.50
		25	0	20.75	20.96	21.15	21.50
		25	13	20.88	20.98	21.16	21.50
		25	25	20.90	20.78	21.11	21.50
		50	0	20.87	20.82	21.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	22.52	22.64	22.65	23.50
		1	38	22.81	22.70	22.76	23.50
		1	74	22.70	22.60	23.05	23.50
		36	0	21.41	21.32	21.47	22.50
		36	18	21.88	21.54	22.02	22.50
		36	39	21.86	21.52	21.94	22.50
		75	0	21.87	21.14	21.93	22.50
	16QAM	1	0	21.68	22.14	22.28	22.50
		1	38	21.95	21.95	22.24	22.50
		1	74	21.98	21.93	22.04	22.50
		36	0	20.92	20.97	21.01	21.50
		36	18	20.99	20.92	21.13	21.50
		36	39	21.02	20.73	21.03	21.50
		75	0	20.96	20.74	21.11	21.50

Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	23.07	23.19	23.15	23.50
		1	50	22.91	22.70	22.82	23.50
		1	99	22.82	22.51	22.79	23.50
		50	0	21.90	21.95	21.79	22.50
		50	25	21.84	21.73	21.90	22.50
		50	50	21.79	21.67	21.84	22.50
		100	0	21.77	21.82	21.67	22.50
	16QAM	1	0	21.65	22.46	22.08	22.50
		1	50	21.91	22.37	22.09	22.50
		1	99	21.93	22.34	22.41	22.50
		50	0	20.91	21.12	20.88	21.50
		50	25	21.06	21.01	20.91	21.50
		50	50	21.14	20.84	21.01	21.50
		100	0	20.99	20.67	21.01	21.50

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	23.99	23.45	23.92	24.50
		1	13	23.90	23.44	23.83	24.50
		1	24	23.93	23.35	23.70	24.50
		12	0	23.19	22.97	22.87	23.50
		12	6	23.12	22.98	22.88	23.50
		12	13	23.17	23.01	23.10	23.50
		25	0	23.13	22.91	22.85	23.50
	16QAM	1	0	22.91	22.70	23.09	23.50
		1	13	22.90	22.59	23.10	23.50
		1	24	23.04	22.95	23.15	23.50
		12	0	22.16	22.05	21.92	22.50
		12	6	22.17	21.78	21.90	22.50
		12	13	22.12	21.96	22.00	22.50
		25	0	22.26	21.97	22.06	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	24.16	23.60	23.42	24.50
		1	25	24.08	23.45	23.50	24.50
		1	49	23.97	23.52	23.83	24.50
		25	0	23.46	23.00	23.26	23.50
		25	13	23.40	22.93	23.22	23.50
		25	25	23.50	22.92	23.42	23.50
		50	0	23.44	22.93	23.32	23.50
	16QAM	1	0	23.33	23.47	22.77	23.50
		1	25	23.16	23.27	23.27	23.50
		1	49	22.87	23.28	23.22	23.50
		25	0	22.11	21.60	22.13	22.50
		25	13	22.12	21.57	22.10	22.50
		25	25	22.05	21.61	22.06	22.50
		50	0	22.10	21.72	21.82	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	24.11	23.62	23.54	24.50
		1	38	24.17	23.50	23.69	24.50
		1	74	23.86	23.55	23.75	24.50
		36	0	23.46	23.10	23.19	23.50
		36	18	23.01	23.01	23.24	23.50
		36	39	23.31	22.94	23.19	23.50
		75	0	23.44	22.98	23.33	23.50
	16QAM	1	0	23.31	23.33	22.44	23.50
		1	38	22.93	23.34	23.09	23.50
		1	74	22.79	23.32	23.24	23.50
		36	0	22.06	21.69	21.76	22.50
		36	18	22.09	21.56	22.00	22.50
		36	39	22.02	21.55	21.91	22.50
		75	0	22.09	21.52	21.94	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	24.26	24.29	24.23	24.50
		1	50	23.84	23.35	23.67	24.50
		1	99	23.50	23.46	23.84	24.50
		50	0	23.28	23.32	23.25	23.50
		50	25	23.15	23.03	23.00	23.50
		50	50	23.09	23.06	23.05	23.50
		100	0	23.03	23.11	22.99	23.50
	16QAM	1	0	22.57	22.97	22.76	23.50
		1	50	22.65	22.24	23.43	23.50
		1	99	22.26	22.27	23.09	23.50
		50	0	22.26	21.73	21.62	22.50
		50	25	22.24	21.60	21.76	22.50
		50	50	21.95	21.59	21.82	22.50
		100	0	22.12	21.55	21.80	22.50

4 Conducted Power of WIFI

WIFI 2.4G					
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Average Power (dBm) Main Ant	Tune up
802.11b	1	2412	1	14.55	15.00
	6	2437		14.60	15.00
	11	2462		14.78	15.00
802.11g	1	2412	6	14.69	15.00
	6	2437		14.55	15.00
	11	2462		14.61	15.00
802.11n HT20 SISO	1	2412	6.5	13.71	15.00
	6	2437		14.62	15.00
	11	2462		14.68	15.00
802.11n HT40 SISO	3	2422	13	13.58	15.00
	6	2437		14.55	15.00
	9	2452		14.02	15.00

WIFI 5G						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	15.23	15.50
		40	5200		14.73	15.50
		48	5240		14.42	15.50
	U-NII-2A	52	5260		14.77	15.50
		60	5300		14.68	15.50
		64	5320		14.60	15.50
	U-NII-2C	100	5500		15.17	15.50
		116	5580		14.78	15.50
		140	5700		14.44	15.50
	U-NII-3	149	5745		14.90	15.50
		157	5785		14.66	15.50
		165	5825		14.60	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.11	14.50
		40	5200		13.71	14.50
		48	5240		13.44	14.50
	U-NII-2A	52	5260		13.90	14.50
		60	5300		13.83	14.50
		64	5320		13.83	14.50
	U-NII-2C	100	5500		14.39	14.50
		116	5580		13.50	14.50
		140	5700		13.35	14.50
	U-NII-3	149	5745		14.40	14.50
		157	5785		13.47	14.50
		165	5825		13.65	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	14.34	14.50
		46	5230		13.97	14.50

	U-NII-2A	54	5270		14.39	14.50
		62	5310		14.18	14.50
	U-NII-2C	102	5510		14.73	15.00
		110	5550		13.81	15.00
		134	5670		13.30	15.00
	U-NII-3	151	5755		14.54	15.00
		159	5795		13.59	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.01	13.50
		40	5200		12.62	13.50
		48	5240		12.35	13.50
	U-NII-2A	52	5260		12.78	13.50
		60	5300		12.75	13.50
		64	5320		12.71	13.50
	U-NII-2C	100	5500		13.32	13.50
		116	5580		12.28	13.50
		140	5700		12.84	13.50
	U-NII-3	149	5745		13.00	13.50
		157	5785		12.69	13.50
		165	5825		12.41	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.69	13.50
		46	5230		12.27	13.50
	U-NII-2A	54	5270		12.57	13.50
		62	5310		12.54	13.50
	U-NII-2C	102	5510		13.13	13.50
		110	5550		12.25	13.50
		134	5670		12.15	13.50
	U-NII-3	151	5755		12.51	13.50
		159	5795		12.07	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.78	13.50
	U-NII-2A	58	5290		12.76	13.50
	U-NII-2C	106	5530		12.87	13.50
		122	5610		12.85	13.50
	U-NII-3	155	5775		12.21	13.50

5 Conducted Power of Bluetooth

BT				
Modulation	Channel	Frequency(MHz)	Average Conducted Power (dBm)	Tune up (dBm)
GFSK	0	2402	6.76	7.00
	39	2441	6.47	7.00
	78	2480	6.00	7.00
π/4DQPSK	0	2402	8.47	9.00
	39	2441	8.73	9.00
	78	2480	7.18	9.00
8DPSK	0	2402	8.81	9.00
	39	2441	8.95	9.00
	78	2480	7.50	9.00

BLE_1Mbps				
Modulation	Channel	Frequency(MHz)	Average Conducted Power (dBm)	Tune up (dBm)
BLE_1Mbps	0	2402	-5.63	-4
	19	2440	-4.86	-4
	39	2480	-4.25	-4