



Report No.: SUCR251200123601

Page: 1 of 12

Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy

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	21.61	20.83	21.08	22.00
		1	2	21.42	20.92	20.87	22.00
		1	5	21.47	20.81	20.83	22.00
		3	0	21.41	20.92	21.15	22.00
		3	2	21.52	21.00	21.10	22.00
		3	3	21.46	20.92	20.96	22.00
		6	0	20.32	19.91	19.99	21.00
	16QAM	1	0	20.58	20.07	20.72	21.00
		1	2	20.61	20.29	20.89	21.00
		1	5	20.59	20.29	20.76	21.00
		3	0	20.36	19.91	20.21	21.00
		3	2	20.55	20.02	20.28	21.00
		3	3	20.51	19.96	20.24	21.00
		6	0	19.36	18.75	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	21.42	20.82	21.53	22.00
		1	7	21.59	20.90	21.52	22.00
		1	14	21.56	20.88	21.04	22.00
		8	0	20.29	19.90	19.97	21.00
		8	4	20.45	19.93	19.99	21.00
		8	7	20.43	19.94	19.98	21.00
		15	0	20.37	19.94	19.97	21.00
	16QAM	1	0	20.97	20.35	19.89	21.00
		1	7	20.87	20.55	20.02	21.00
		1	14	20.66	20.35	19.66	21.00
		8	0	19.29	19.07	18.85	20.00
		8	4	19.34	18.95	19.07	20.00
		8	7	19.62	18.74	19.15	20.00
		15	0	19.43	18.74	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	21.25	21.07	21.12	22.00
		1	13	21.34	20.77	21.06	22.00
		1	24	21.28	20.73	21.03	22.00
		12	0	20.40	20.00	20.12	21.00
		12	6	20.49	19.91	20.06	21.00
		12	13	20.33	19.92	19.98	21.00
		25	0	20.28	19.97	20.04	21.00
	16QAM	1	0	20.00	20.44	20.00	21.00
		1	13	20.32	20.41	20.22	21.00
		1	24	20.00	20.37	19.80	21.00
		12	0	19.42	18.94	18.74	20.00
		12	6	19.42	18.77	18.98	20.00
		12	13	19.37	18.88	19.09	20.00
		25	0	19.34	18.77	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	21.37	20.95	21.08	22.00
		1	25	21.58	20.98	21.13	22.00
		1	49	21.51	20.81	20.96	22.00
		25	0	20.32	20.04	20.02	21.00
		25	13	20.47	19.92	20.05	21.00
		25	25	20.38	19.99	20.10	21.00
		50	0	20.36	20.02	20.08	21.00
	16QAM	1	0	20.88	20.22	19.93	21.00
		1	25	20.85	20.57	20.05	21.00
		1	49	20.78	20.22	19.78	21.00
		25	0	19.47	18.97	19.00	20.00
		25	13	19.63	19.02	19.04	20.00
		25	25	19.44	18.79	19.13	20.00

		50	0	19.28	19.03	19.05	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.31	21.08	20.97	22.00
		1	38	21.48	20.80	20.91	22.00
		1	74	21.29	20.45	20.63	22.00
		36	0	20.26	20.02	20.05	21.00
		36	18	20.35	19.89	19.95	21.00
		36	39	20.31	19.73	19.96	21.00
		75	0	20.31	19.91	19.99	21.00
	16QAM	1	0	20.81	20.69	20.21	21.00
		1	38	20.73	20.18	19.69	21.00
		1	74	20.66	19.94	19.40	21.00
		36	0	19.19	19.03	18.77	20.00
		36	18	19.34	18.96	18.96	20.00
		36	39	19.31	18.66	18.99	20.00
		75	0	19.42	18.94	18.91	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.65	21.66	21.52	22.00
		1	50	21.51	21.44	21.19	22.00
		1	99	21.22	20.71	20.58	22.00
		50	0	20.21	20.34	20.07	21.00
		50	25	20.46	19.99	20.05	21.00
		50	50	20.37	19.76	19.96	21.00
		100	0	20.24	20.38	20.05	21.00
	16QAM	1	0	20.37	20.92	20.33	21.00
		1	50	20.36	20.75	20.78	21.00
		1	99	19.65	20.47	20.13	21.00
		50	0	19.32	18.92	19.04	20.00
		50	25	19.43	18.91	18.96	20.00
		50	50	19.53	18.68	18.79	20.00
		100	0	19.32	19.09	18.88	20.00

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	20.61	21.27	21.31	22.00
		1	2	20.54	21.43	21.25	22.00
		1	5	20.88	21.13	21.13	22.00
		3	0	20.60	21.35	21.31	22.00
		3	2	20.77	21.21	21.29	22.00
		3	3	20.70	21.26	21.21	22.00
		6	0	19.61	20.22	20.33	21.00
	16QAM	1	0	19.76	20.95	20.52	21.00
		1	2	19.90	20.86	20.74	21.00
		1	5	19.74	20.78	20.87	21.00
		3	0	19.64	20.45	20.12	21.00
		3	2	19.83	20.43	20.46	21.00
		3	3	19.83	20.50	20.08	21.00
		6	0	18.63	19.34	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.58	21.17	21.24	22.00
		1	7	20.99	21.46	21.25	22.00
		1	14	20.77	21.27	21.20	22.00
		8	0	19.71	20.21	20.23	21.00
		8	4	19.75	20.11	20.20	21.00
		8	7	19.64	20.21	20.20	21.00
		15	0	19.70	20.17	20.28	21.00
	16QAM	1	0	19.92	20.61	20.20	21.00
		1	7	20.13	20.88	20.13	21.00
		1	14	20.10	20.60	20.39	21.00
		8	0	18.73	19.43	19.47	20.00
		8	4	18.85	19.33	19.45	20.00
		8	7	18.76	19.03	19.44	20.00
		15	0	18.92	19.11	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	20.74	21.01	21.07	22.00
		1	13	20.68	21.24	21.21	22.00
		1	24	20.89	21.13	21.23	22.00
		12	0	19.60	20.12	20.28	21.00
		12	6	19.68	20.22	20.35	21.00
		12	13	19.72	20.15	20.44	21.00
	16QAM	25	0	19.65	20.19	20.38	21.00
		1	0	19.75	19.93	20.07	21.00
		1	13	19.71	20.76	20.29	21.00
		1	24	19.59	20.54	20.32	21.00
		12	0	18.56	19.00	19.29	20.00
		12	6	18.66	19.08	19.41	20.00
		12	13	18.73	19.20	19.24	20.00
		25	0	18.94	19.19	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	20.85	21.10	21.19	22.00
		1	25	21.32	21.52	21.46	22.00
		1	49	21.06	21.26	21.40	22.00
		25	0	19.81	20.23	20.24	21.00
		25	13	19.99	20.21	20.23	21.00
		25	25	20.15	20.20	20.21	21.00
	16QAM	50	0	19.97	20.27	20.24	21.00
		1	0	20.20	20.20	20.51	21.00
		1	25	20.92	20.10	20.69	21.00
		1	49	19.90	19.78	20.38	21.00
		25	0	18.84	19.37	19.28	20.00
		25	13	19.13	19.30	19.38	20.00
		25	25	19.23	19.41	19.29	20.00
		50	0	18.88	19.18	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	20.65	21.27	21.37	22.00
		1	38	21.16	21.47	20.97	22.00
		1	74	21.19	21.16	21.25	22.00
		36	0	19.98	20.28	20.16	21.00
		36	18	20.12	20.34	20.16	21.00
		36	39	20.10	20.01	20.19	21.00
	16QAM	75	0	19.97	20.18	20.17	21.00
		1	0	20.11	20.57	20.62	21.00
		1	38	20.88	20.50	20.15	21.00
		1	74	20.43	20.57	20.04	21.00
		36	0	19.07	19.20	19.13	20.00
		36	18	19.30	19.35	19.34	20.00
		36	39	19.13	19.00	19.31	20.00
		75	0	19.06	19.21	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20175	Channel /	Tune up
20MHz	QPSK	1	0	/	21.62	/	22.00
		1	50	/	21.55	/	22.00
		1	99	/	21.17	/	22.00
		50	0	/	20.49	/	21.00
		50	25	/	20.17	/	21.00
		50	50	/	19.98	/	21.00
	16QAM	100	0	/	20.38	/	21.00
		1	0	/	20.06	/	21.00
		1	50	/	20.24	/	21.00
		1	99	/	20.01	/	21.00
		50	0	/	19.29	/	20.00
		50	25	/	19.38	/	20.00
		50	50	/	19.06	/	20.00
		100	0	/	19.24	/	20.00

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	20.64	20.64	20.76	22.00

		1	2	20.67	20.73	20.94	22.00
		1	5	20.65	20.89	20.89	22.00
		3	0	20.90	20.64	20.82	22.00
		3	2	20.81	20.84	20.93	22.00
		3	3	20.75	20.74	20.87	22.00
		6	0	19.68	19.74	19.84	21.00
	16QAM	1	0	20.28	19.60	20.01	21.00
		1	2	20.21	19.75	20.16	21.00
		1	5	20.47	19.93	20.01	21.00
		3	0	20.10	19.92	19.93	21.00
		3	2	20.30	19.93	20.12	21.00
		3	3	19.78	19.98	19.98	21.00
		6	0	19.05	18.75	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	20.87	20.59	20.94	22.00
		1	7	21.04	20.83	21.05	22.00
		1	14	20.78	20.66	20.53	22.00
		8	0	19.85	19.79	19.96	21.00
		8	4	19.91	19.79	19.83	21.00
		8	7	20.00	19.74	20.01	21.00
		15	0	19.95	19.78	19.98	21.00
	16QAM	1	0	20.38	19.75	20.05	21.00
		1	7	20.30	20.83	19.92	21.00
		1	14	20.18	19.85	19.85	21.00
		8	0	19.27	18.77	18.85	20.00
		8	4	19.07	19.04	18.83	20.00
		8	7	19.16	18.65	18.84	20.00
		15	0	18.92	18.78	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	20.67	20.53	20.74	22.00
		1	13	20.71	20.75	20.73	22.00
		1	24	20.60	20.42	20.80	22.00
		12	0	19.83	19.75	20.00	21.00
		12	6	20.00	19.69	19.87	21.00
		12	13	19.90	19.67	19.81	21.00
		25	0	19.88	19.73	19.88	21.00
	16QAM	1	0	19.50	20.19	19.97	21.00
		1	13	19.63	20.24	19.86	21.00
		1	24	19.50	20.07	19.83	21.00
		12	0	18.85	18.70	19.20	20.00
		12	6	18.90	18.83	19.11	20.00
		12	13	18.91	18.79	18.92	20.00
		25	0	18.99	18.84	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	21.13	/	22.00
		1	25	/	20.73	/	22.00
		1	49	/	20.72	/	22.00
		25	0	/	19.89	/	21.00
		25	13	/	19.59	/	21.00
		25	25	/	19.67	/	21.00
		50	0	/	19.66	/	21.00
	16QAM	1	0	/	20.05	/	21.00
		1	25	/	20.14	/	21.00
		1	49	/	20.29	/	21.00
		25	0	/	18.85	/	20.00
		25	13	/	18.83	/	20.00
		25	25	/	18.67	/	20.00
		50	0	/	18.72	/	20.00

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	21.34	21.39	21.86	22.50
		1	2	21.78	21.28	21.77	22.50
		1	5	21.51	21.57	21.68	22.50

		3	0	21.33	21.71	21.72	22.50
		3	2	21.59	21.59	21.87	22.50
		3	3	21.26	21.52	21.74	22.50
		6	0	20.30	20.46	20.87	21.50
	16QAM	1	0	20.57	20.13	20.81	21.50
		1	2	20.51	21.24	20.89	21.50
		1	5	20.52	21.12	20.75	21.50
		3	0	20.31	20.28	20.97	21.50
		3	2	20.46	20.40	21.01	21.50
		3	3	20.47	20.90	20.73	21.50
		6	0	19.21	19.22	20.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	21.24	21.71	21.81	22.50
		1	7	21.56	21.79	21.86	22.50
		1	14	21.62	21.60	21.76	22.50
		8	0	20.45	20.43	20.90	21.50
		8	4	20.55	20.40	20.78	21.50
		8	7	20.54	20.47	20.63	21.50
		15	0	20.48	20.66	20.72	21.50
	16QAM	1	0	20.80	20.68	21.07	21.50
		1	7	20.56	20.32	21.12	21.50
		1	14	20.81	20.11	21.09	21.50
		8	0	19.34	19.40	20.05	20.50
		8	4	19.55	19.66	19.93	20.50
		8	7	19.60	19.45	19.93	20.50
		15	0	19.40	19.52	19.73	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	21.27	21.44	21.44	22.50
		1	13	21.45	21.34	21.69	22.50
		1	24	21.40	21.30	21.54	22.50
		12	0	20.35	20.39	20.74	21.50
		12	6	20.56	20.56	20.89	21.50
		12	13	20.50	20.42	20.72	21.50
		25	0	20.60	20.51	20.68	21.50
	16QAM	1	0	19.68	20.24	20.70	21.50
		1	13	20.15	20.85	21.03	21.50
		1	24	19.96	20.94	20.79	21.50
		12	0	19.23	19.38	19.74	20.50
		12	6	19.61	19.29	19.91	20.50
		12	13	19.57	19.36	19.83	20.50
		25	0	19.66	19.43	19.78	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	21.93	/	22.50
		1	25	/	21.70	/	22.50
		1	49	/	21.42	/	22.50
		25	0	/	20.75	/	21.50
		25	13	/	20.51	/	21.50
		25	25	/	20.29	/	21.50
		50	0	/	20.69	/	21.50
	16QAM	1	0	/	20.48	/	21.50
		1	25	/	21.01	/	21.50
		1	49	/	21.18	/	21.50
		25	0	/	19.52	/	20.50
		25	13	/	19.49	/	20.50
		25	25	/	19.37	/	20.50
		50	0	/	19.31	/	20.50

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	21.15	/	22.00
		1	13	/	21.17	/	22.00
		1	24	/	20.86	/	22.00
		12	0	/	20.29	/	21.00
		12	6	/	20.39	/	21.00

	16QAM	12	13	/	20.26	/	21.00
		25	0	/	20.07	/	21.00
		1	0	/	20.52	/	21.00
		1	13	/	20.77	/	21.00
		1	24	/	20.54	/	21.00
		12	0	/	18.94	/	20.00
		12	6	/	19.00	/	20.00
		12	13	/	18.94	/	20.00
	16QAM	25	0	/	19.07	/	20.00
		Channel		Channel	Channel	Tune up	
		/		23230	/		
		1	0	/	21.44	/	22.00
		1	25	/	21.22	/	22.00
		1	49	/	21.14	/	22.00
		25	0	/	20.37	/	21.00
		25	13	/	20.18	/	21.00
10MHz	QPSK	25	25	/	20.12	/	21.00
		50	0	/	20.35	/	21.00
		1	0	/	20.52	/	21.00
		1	25	/	20.68	/	21.00
		1	49	/	20.10	/	21.00
		25	0	/	19.48	/	20.00
	16QAM	25	13	/	19.18	/	20.00
		25	25	/	19.22	/	20.00
		50	0	/	19.17	/	20.00

LTE FDD Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	20.83	/	22.00
		1	13	/	21.20	/	22.00
		1	24	/	21.23	/	22.00
		12	0	/	20.07	/	21.00
		12	6	/	20.36	/	21.00
		12	13	/	20.38	/	21.00
	16QAM	25	0	/	20.18	/	21.00
		1	0	/	19.40	/	21.00
		1	13	/	20.01	/	21.00
		1	24	/	20.08	/	21.00
		12	0	/	19.15	/	20.00
		12	6	/	19.42	/	20.00
10MHz	QPSK	12	13	/	19.41	/	20.00
		25	0	/	19.28	/	20.00
	16QAM	1	0	/	21.36	/	22.00
		1	25	/	21.32	/	22.00
		1	49	/	21.04	/	22.00
		25	0	/	20.41	/	21.00
		25	13	/	20.32	/	21.00
		25	25	/	20.32	/	21.00
		50	0	/	20.28	/	21.00
	16QAM	1	0	/	20.18	/	21.00
		1	25	/	20.75	/	21.00
		1	49	/	20.07	/	21.00
		25	0	/	19.16	/	20.00
		25	13	/	19.44	/	20.00
		25	25	/	19.49	/	20.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	22.50
		1	2	20.61	21.31	21.82	22.50
		1	5	20.72	21.33	21.93	22.50
		3	0	20.80	21.28	21.68	22.50
				20.61	20.98	21.62	22.50

	16QAM	3	1	20.72	21.27	21.80	22.50
		3	3	20.72	21.01	21.72	22.50
		6	0	19.59	20.10	20.65	21.50
		1	0	20.43	20.37	20.71	21.50
		1	2	20.50	19.98	20.71	21.50
		1	5	19.99	19.99	20.42	21.50
		3	0	19.51	20.40	20.67	21.50
		3	1	19.78	20.20	20.65	21.50
		3	3	19.78	20.05	20.55	21.50
		6	0	18.77	19.03	19.98	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	20.52	21.41	21.80	22.50
		1	7	20.62	21.28	21.98	22.50
		1	14	20.87	21.23	21.67	22.50
		8	0	19.65	20.12	20.73	21.50
		8	4	19.77	20.20	20.58	21.50
		8	7	19.77	20.28	20.63	21.50
	16QAM	15	0	19.71	20.15	20.67	21.50
		1	0	20.73	19.98	20.77	21.50
		1	7	20.85	20.85	20.49	21.50
		1	14	20.59	20.72	20.71	21.50
		8	0	18.82	19.05	19.57	20.50
		8	4	18.88	19.17	19.46	20.50
		8	7	18.91	19.22	19.47	20.50
		15	0	18.76	18.94	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	20.97	21.29	21.73	22.50
		1	13	20.76	21.14	21.70	22.50
		1	24	20.73	21.21	21.69	22.50
		12	0	19.73	20.26	20.72	21.50
		12	6	19.87	20.30	20.73	21.50
		12	13	19.93	20.33	20.70	21.50
	16QAM	25	0	19.72	20.16	20.63	21.50
		1	0	19.86	19.93	20.58	21.50
		1	13	19.94	20.41	20.60	21.50
		1	24	19.63	20.79	20.74	21.50
		12	0	18.69	19.08	19.67	20.50
		12	6	18.84	19.33	19.82	20.50
		12	13	18.92	19.10	19.59	20.50
		25	0	18.91	19.15	19.69	20.50
				132022	132322	132622	
10MHz	QPSK	1	0	20.68	21.52	21.73	22.50
		1	25	21.26	21.88	22.01	22.50
		1	49	21.02	21.07	21.46	22.50
		25	0	19.70	20.24	20.61	21.50
		25	13	20.02	20.41	20.70	21.50
		25	25	19.93	20.39	20.89	21.50
	16QAM	50	0	19.88	20.23	20.64	21.50
		1	0	20.18	20.92	20.55	21.50
		1	25	20.87	20.87	21.41	21.50
		1	49	20.76	21.08	20.48	21.50
		25	0	18.81	19.21	19.57	20.50
		25	13	19.16	19.49	19.98	20.50
		25	25	19.12	19.55	19.63	20.50
		50	0	18.90	19.23	19.68	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.96	21.24	21.53	22.50
		1	38	21.06	21.43	21.63	22.50
		1	74	21.10	21.32	21.40	22.50
		36	0	19.93	20.37	20.50	21.50
		36	18	20.14	20.30	20.60	21.50
		36	39	20.15	20.30	20.56	21.50
	16QAM	75	0	19.81	20.14	20.51	21.50
		1	0	20.18	20.78	20.80	21.50
		1	38	21.10	20.91	20.36	21.50
		1	74	20.57	20.76	20.19	21.50
		36	0	18.86	19.25	19.53	20.50

		36	18	19.17	19.31	19.60	20.50
		36	39	19.08	19.44	19.70	20.50
		75	0	18.87	19.28	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.88	22.04	21.93	22.50
		1	50	21.67	21.73	21.84	22.50
		1	99	21.53	21.65	21.72	22.50
		50	0	20.22	20.77	20.65	21.50
		50	25	20.09	20.36	20.59	21.50
		50	50	20.23	20.37	20.53	21.50
		100	0	20.11	20.62	20.39	21.50
	16QAM	1	0	19.53	20.52	21.21	21.50
		1	50	20.87	20.45	21.32	21.50
		1	99	20.03	20.44	21.02	21.50
		50	0	19.06	19.35	19.32	20.50
		50	25	19.25	19.36	19.61	20.50
		50	50	19.13	19.41	19.65	20.50
		100	0	19.08	19.30	19.53	20.50



2 Conducted Power of WIFI and Bluetooth
2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.62	16.00
	6	2437		15.50	16.00
	11	2462		14.97	16.00
802.11g	1	2412	6	14.54	15.00
	6	2437		14.45	15.00
	11	2462		14.10	15.00
802.11n HT20	1	2412	6.5	14.07	15.00
	6	2437		13.74	15.00
	11	2462		13.37	15.00

2.2 Conducted Power of 5G WIFI

WIFI 5G					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	11.64	12.00
		40	5200	15.28	16.00
		44	5220	15.16	16.00
		48	5240	14.34	15.00
	802.11n HT20	36	5180	11.24	12.00
		40	5200	13.58	15.00
		44	5220	13.49	15.00
		48	5240	13.83	15.00
	802.11n HT40	38	5190	8.05	9.00
		46	5230	12.68	14.00
	802.11ac VHT20	36	5180	11.40	12.00
		40	5200	13.39	15.00
		44	5220	13.33	15.00
	802.11ac VHT40	48	5240	13.70	15.00
		38	5190	8.04	9.00
	802.11ac VHT80	46	5230	12.68	14.00
		42	5210	4.32	6.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	14.29	15.00
		56	5280	14.25	15.00
		60	5300	14.49	15.00
		64	5320	9.40	10.00
	802.11n HT20	52	5260	13.77	15.00
		56	5280	13.71	15.00
		60	5300	14.09	15.00
		64	5320	8.11	9.00
	802.11n HT40	54	5270	13.47	14.00
		62	5310	7.21	8.00
	802.11ac VHT20	52	5260	14.07	15.00
		56	5280	13.58	15.00
		60	5300	13.62	15.00
		64	5320	8.32	10.00
	802.11ac VHT40	54	5270	12.99	14.00
		62	5310	7.33	8.00
	802.11ac VHT80	58	5290	6.56	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	9.55	10.00
		104	5520	14.55	15.00
		108	5540	14.48	15.00
		112	5560	14.59	15.00
		116	5580	14.64	15.00
		120	5600	14.37	15.00
		124	5620	14.52	15.00
		128	5640	14.46	15.00
		132	5660	14.55	15.00
		136	5680	14.38	15.00
		140	5700	10.94	12.00
		144	5720	10.82	12.00
	802.11n HT20	100	5500	7.48	8.00
		104	5520	14.35	15.00
		108	5540	14.33	15.00
		112	5560	14.41	15.00
		116	5580	14.47	15.00
		120	5600	14.28	15.00
		124	5620	14.36	15.00
		128	5640	14.42	15.00
		132	5660	14.38	15.00
		136	5680	14.33	15.00
		140	5700	8.64	10.00
		144	5720	14.35	15.00
	802.11n	102	5510	7.67	8.00

	HT40	110	5550	12.76	14.00
		118	5590	12.55	14.00
		126	5630	12.49	14.00
		134	5670	9.25	10.00
		142	5710	12.33	14.00
	802.11ac VHT20	100	5500	7.42	8.00
		104	5520	13.55	15.00
		108	5540	13.51	15.00
		112	5560	13.48	15.00
		116	5580	13.69	15.00
		120	5600	13.39	15.00
		124	5620	13.35	15.00
		128	5640	13.42	15.00
		132	5660	13.38	15.00
		136	5680	13.41	15.00
		140	5700	8.75	10.00
		144	5720	13.25	15.00
	802.11ac VHT40	102	5510	7.71	8.00
		110	5550	13.66	14.00
		118	5590	13.28	14.00
		126	5630	13.33	14.00
		134	5670	9.28	10.00
	802.11ac VHT80	142	5710	13.35	14.00
		106	5530	7.92	9.00
		122	5610	9.43	11.00
		138	5690	9.35	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.35	16.00
		153	5765	14.32	15.00
		157	5785	14.47	15.00
		161	5805	14.25	15.00
		165	5825	14.04	15.00
	802.11n HT20	149	5745	13.69	15.00
		153	5765	13.35	15.00
		157	5785	14.60	15.00
		161	5805	14.28	15.00
		165	5825	14.28	15.00
	802.11n HT40	151	5755	13.32	14.00
		159	5795	12.66	14.00
	802.11ac VHT20	149	5745	13.42	15.00
		153	5765	13.25	15.00
		157	5785	13.35	15.00
		161	5805	13.33	15.00
		165	5825	14.36	15.00
	802.11ac VHT40	151	5755	13.23	14.00
		159	5795	13.69	14.00
	802.11ac VHT80	155	5775	11.35	13.00

2.3 Conducted Power of Bluetooth

BT Ant		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	3.90	3.69	3.01	4.00
	π/4DQPSK	0.11	-0.03	-0.89	0.50
	8DPSK	0.10	-0.05	-0.87	0.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	1.59	1.56	1.03	2.00

- End of the Appendix -