

Appendix E

Conducted RF Output Power

Test Conditions	Test Scenario Explanation	Test Antenna Position Number
Receiver off	Body-SAR	All Antennas
Receiver on	Head-SAR	All Antennas

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 1900 Receiver ON&OFF										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.68	29.04	28.99	30.50	-9.19	19.49	19.85	19.80	21.31
GPRS (GMSK)	1 TX Slot	28.83	29.11	29.10	30.50	-9.19	19.64	19.92	19.91	21.31
	2 TX Slots	28.63	28.72	28.68	30.00	-6.18	22.45	22.54	22.50	23.82
	3 TX Slots	26.20	26.30	26.34	28.00	-4.42	21.78	21.88	21.92	23.58
	4 TX Slots	25.51	25.56	25.53	26.50	-3.17	22.34	22.39	22.36	23.33
EGPRS (GMSK)	1 TX Slot	28.95	29.24	29.21	30.50	-9.19	19.76	20.05	20.02	21.31
	2 TX Slots	28.13	28.34	28.38	30.00	-6.18	21.95	22.16	22.20	23.82
	3 TX Slots	26.31	26.41	26.44	28.00	-4.42	21.89	21.99	22.02	23.58
	4 TX Slots	25.64	25.61	25.70	26.50	-3.17	22.47	22.44	22.53	23.33
EGPRS (8PSK)	1 TX Slot	26.10	26.12	26.05	28.00	-9.19	16.91	16.93	16.86	18.81
	2 TX Slots	25.12	25.11	25.05	27.00	-6.18	18.94	18.93	18.87	20.82
	3 TX Slots	22.16	22.10	22.12	24.00	-4.42	17.74	17.68	17.70	19.58
	4 TX Slots	21.02	21.02	21.05	23.00	-3.17	17.85	17.85	17.88	19.83

WCDMA Band II Receiver ON&OFF					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.73	22.84	22.79	24.00
	12.2kbps AMR	22.65	22.74	22.61	24.00
HSDPA	Subtest 1	21.76	21.84	21.73	23.00
	Subtest 2	21.76	21.84	21.70	23.00
	Subtest 3	21.73	21.80	21.66	23.00
	Subtest 4	21.70	21.82	21.71	23.00
HSUPA	Subtest 1	19.23	19.35	19.20	20.50
	Subtest 2	19.22	19.35	19.28	20.50
	Subtest 3	19.21	19.34	19.20	20.50
	Subtest 4	19.20	19.33	19.22	20.50
	Subtest 5	19.72	19.83	19.69	21.00
HSPA+	16QAM	21.16	21.29	21.19	22.50

WCDMA Band IV Receiver ON&OFF					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.77	22.85	22.75	24.50
	12.2kbps AMR	22.71	22.82	22.73	24.50
HSDPA	Subtest 1	21.15	21.28	21.14	23.00
	Subtest 2	21.19	21.28	21.19	23.00
	Subtest 3	21.18	21.28	21.15	23.00
	Subtest 4	21.23	21.32	21.22	23.00
HSUPA	Subtest 1	19.69	19.78	19.70	21.50
	Subtest 2	19.71	19.80	19.69	21.50
	Subtest 3	19.22	19.30	19.21	21.00
	Subtest 4	18.69	18.78	18.66	20.50
	Subtest 5	19.18	19.29	19.14	21.00
HSPA+	16QAM	20.70	20.83	20.69	22.50

LTE Band 2 Receiver ON&OFF				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.36	23.33	23.25	24.50	
		1	2	23.25	23.33	23.25	24.50	
		1	5	23.40	23.52	23.23	24.50	
		3	0	23.12	23.60	23.13	24.50	
		3	2	23.19	23.26	23.30	24.50	
		3	3	22.93	23.47	23.31	24.50	
	16QAM	6	0	22.48	22.69	22.26	23.50	
		1	0	22.37	22.17	22.40	23.50	
		1	2	22.18	22.34	22.19	23.50	
		1	5	22.56	22.30	22.59	23.50	
		3	0	22.19	22.21	22.38	23.50	
		3	2	22.30	22.48	22.29	23.50	
	64QAM	3	3	22.50	22.57	22.49	23.50	
		6	0	21.28	21.72	21.14	22.50	
		1	0	21.18	21.50	21.31	22.50	
		1	2	21.26	21.37	21.52	22.50	
		1	5	21.34	21.09	21.51	22.50	
		3	0	21.40	21.27	21.30	22.50	
	1.4MHz	64QAM	3	2	21.32	21.24	21.08	22.50
			3	3	21.11	21.31	21.24	22.50
			6	0	20.34	20.48	20.19	21.50
			1	0	23.32	23.43	23.23	24.50
			1	7	23.27	23.34	23.31	24.50
			1	14	23.32	23.61	23.22	24.50
3MHz	QPSK	8	0	22.22	22.56	22.18	23.50	
		8	4	22.17	22.34	22.29	23.50	
		8	7	21.98	22.57	22.24	23.50	
		15	0	22.46	22.76	22.18	23.50	
		16QAM	1	0	22.45	22.26	22.35	23.50
			1	7	22.10	22.42	22.23	23.50
	1		14	22.54	22.35	22.64	23.50	
	8		0	21.13	21.21	21.40	22.50	
	8		4	21.32	21.44	21.29	22.50	
	8		7	21.46	21.50	21.42	22.50	
	64QAM	15	0	21.19	21.67	21.19	22.50	
		1	0	21.10	21.49	21.25	22.50	
		1	7	21.34	21.31	21.43	22.50	
		1	14	21.33	21.10	21.49	22.50	
		8	0	20.34	20.37	20.24	21.50	
		8	4	20.24	20.32	20.13	21.50	
	3MHz	64QAM	8	7	20.20	20.35	20.16	21.50
			15	0	20.35	20.50	20.13	21.50
			1	0	23.28	23.53	23.20	24.50
			1	13	23.27	23.39	23.32	24.50
			1	24	23.38	23.51	23.14	24.50
			12	0	22.22	22.51	22.17	23.50
	5MHz	QPSK	12	6	22.13	22.44	22.33	23.50
			12	13	22.07	22.61	22.26	23.50
25			0	22.37	22.66	22.18	23.50	
16QAM			1	0	22.38	22.36	22.25	23.50
			1	13	22.20	22.32	22.19	23.50
			1	24	22.49	22.35	22.56	23.50
		12	0	21.22	21.31	21.38	22.50	
		12	6	21.29	21.39	21.33	22.50	
		12	13	21.53	21.53	21.41	22.50	
64QAM		25	0	21.27	21.58	21.12	22.50	
		1	0	21.18	21.39	21.28	22.50	
		1	13	21.35	21.30	21.38	22.50	
		1	24	21.27	21.18	21.39	22.50	
		12	0	20.35	20.30	20.33	21.50	
		12	6	20.29	20.42	20.15	21.50	
5MHz		64QAM	12	13	20.17	20.38	20.17	21.50

Bandwidth	Modulation	25	0	20.38	20.41	20.16	21.50
		RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.35	23.52	23.27	24.50
		1	25	23.18	23.37	23.35	24.50
		1	49	23.34	23.54	23.07	24.50
		25	0	22.21	22.51	22.12	23.50
		25	13	22.21	22.47	22.36	23.50
		25	25	22.12	22.56	22.29	23.50
		50	0	22.33	22.58	22.21	23.50
	16QAM	1	0	22.36	22.30	22.20	23.50
		1	25	22.27	22.41	22.24	23.50
		1	49	22.43	22.30	22.48	23.50
		25	0	21.14	21.34	21.29	22.50
		25	13	21.23	21.44	21.38	22.50
		25	25	21.48	21.43	21.39	22.50
		50	0	21.26	21.50	21.21	22.50
	64QAM	1	0	21.19	21.29	21.22	22.50
		1	25	21.41	21.40	21.47	22.50
		1	49	21.25	21.21	21.30	22.50
		25	0	20.30	20.39	20.32	21.50
		25	13	20.20	20.36	20.14	21.50
		25	25	20.15	20.38	20.10	21.50
		50	0	20.44	20.42	20.12	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
		RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.55	23.65	23.44	24.50
		1	38	23.46	23.61	23.50	24.50
		1	74	23.49	23.62	23.41	24.50
		36	0	22.45	22.66	22.43	23.50
		36	18	22.44	22.64	22.62	23.50
		36	39	22.46	22.74	22.59	23.50
		75	0	22.58	22.75	22.52	23.50
	16QAM	1	0	22.67	22.57	22.53	23.50
		1	38	22.59	22.64	22.59	23.50
		1	74	22.61	22.65	22.64	23.50
		36	0	21.44	21.51	21.44	22.50
		36	18	21.56	21.61	21.55	22.50
		36	39	21.65	21.61	21.62	22.50
		75	0	21.48	21.69	21.52	22.50
	64QAM	1	0	21.43	21.63	21.51	22.50
		1	38	21.59	21.64	21.67	22.50
		1	74	21.51	21.54	21.61	22.50
		36	0	20.56	20.74	20.66	21.50
		36	18	20.51	20.70	20.45	21.50
		36	39	20.46	20.60	20.45	21.50
		75	0	20.61	20.72	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
		RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.63	23.71	23.66	24.50
		1	50	23.61	23.70	23.61	24.50
		1	99	23.58	23.67	23.55	24.50
		50	0	22.61	22.69	22.64	23.50
		50	25	22.57	22.69	22.62	23.50
		50	50	22.55	22.69	22.60	23.50
		100	0	22.63	22.74	22.56	23.50
	16QAM	1	0	22.64	22.72	22.59	23.50
		1	50	22.56	22.66	22.58	23.50
		1	99	22.56	22.71	22.64	23.50
		50	0	21.56	21.66	21.57	22.50
		50	25	21.54	21.66	21.53	22.50
		50	50	21.61	21.72	21.64	22.50
		100	0	21.59	21.73	21.66	22.50
	64QAM	1	0	21.56	21.67	21.56	22.50
		1	50	21.59	21.70	21.63	22.50
		1	99	21.57	21.68	21.59	22.50
		50	0	20.63	20.71	20.61	21.50
		50	25	20.54	20.66	20.53	21.50
		50	50	20.53	20.65	20.55	21.50
		100	0	20.60	20.73	20.60	21.50

LTE Band 4 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.30	23.35	23.41	24.50
		1	2	23.25	23.26	23.19	24.50
		1	5	23.33	23.29	23.38	24.50
		3	0	23.22	23.15	23.18	24.50
		3	2	23.24	23.16	23.22	24.50
		3	3	23.31	23.32	23.40	24.50
	16QAM	6	0	22.56	22.56	22.64	23.50
		1	0	22.12	22.07	22.02	23.50
		1	2	22.58	22.53	22.49	23.50
		1	5	22.30	22.20	22.19	23.50
		3	0	22.08	22.09	22.15	23.50
		3	2	22.19	22.29	22.32	23.50
	64QAM	3	3	22.36	22.35	22.26	23.50
		6	0	21.34	21.32	21.33	22.50
		1	0	21.12	21.05	21.03	22.50
		1	2	21.19	21.23	21.18	22.50
		1	5	21.07	21.13	21.07	22.50
		3	0	21.30	21.24	21.32	22.50
3MHz	QPSK	3	2	21.32	21.33	21.37	22.50
		3	3	21.35	21.37	21.41	22.50
		6	0	20.32	20.23	20.32	21.50
	16QAM	1	0	23.37	23.37	23.38	24.50
		1	7	23.21	23.25	23.35	24.50
		1	14	23.39	23.32	23.36	24.50
	64QAM	8	0	22.11	22.12	22.04	23.50
		8	4	22.18	22.24	22.30	23.50
		8	7	22.31	22.29	22.33	23.50
	16QAM	15	0	22.60	22.53	22.59	23.50
		1	0	22.06	22.16	22.18	23.50
		1	7	22.48	22.52	22.59	23.50
		1	14	22.19	22.14	22.12	23.50
	64QAM	8	0	21.24	21.18	21.28	22.50
		8	4	21.22	21.23	21.27	22.50
		8	7	21.24	21.29	21.21	22.50
5MHz	QPSK	15	0	21.38	21.29	21.34	22.50
		1	0	21.25	21.15	21.22	22.50
		1	7	21.38	21.28	21.34	22.50
		1	14	21.28	21.19	21.15	22.50
		8	0	20.22	20.24	20.16	21.50
		8	4	20.39	20.32	20.40	21.50
	16QAM	8	7	20.38	20.31	20.40	21.50
		15	0	20.06	20.16	20.08	21.50
	64QAM	1	0	23.36	23.33	23.30	24.50
		1	13	23.13	23.21	23.19	24.50
		1	24	23.30	23.34	23.38	24.50
		12	0	22.06	22.05	22.15	23.50
		12	6	22.24	22.25	22.18	23.50
		12	13	22.22	22.31	22.25	23.50
	16QAM	25	0	22.42	22.46	22.56	23.50
		1	0	22.28	22.25	22.17	23.50
		1	13	22.45	22.52	22.50	23.50
		1	24	22.24	22.21	22.15	23.50
		12	0	21.09	21.14	21.14	22.50
		12	6	21.34	21.24	21.32	22.50
	64QAM	12	13	21.22	21.28	21.38	22.50
		25	0	21.29	21.28	21.29	22.50
		1	0	21.13	21.18	21.09	22.50
		1	13	21.36	21.31	21.27	22.50
		1	24	21.13	21.18	21.20	22.50
		12	0	20.20	20.15	20.22	21.50
		12	6	20.36	20.29	20.38	21.50

		12	13	20.31	20.40	20.47	21.50
		25	0	20.28	20.18	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.51	23.41	23.31	24.50
		1	25	23.22	23.29	23.30	24.50
		1	49	23.35	23.26	23.19	24.50
		25	0	22.15	22.11	22.05	23.50
		25	13	22.35	22.27	22.19	23.50
		25	25	22.15	22.22	22.12	23.50
		50	0	22.35	22.39	22.44	23.50
	16QAM	1	0	22.13	22.17	22.12	23.50
		1	25	22.41	22.43	22.47	23.50
		1	49	22.24	22.20	22.12	23.50
		25	0	21.10	21.14	21.13	22.50
		25	13	21.22	21.28	21.35	22.50
		25	25	21.16	21.20	21.16	22.50
		50	0	21.29	21.37	21.32	22.50
	64QAM	1	0	21.15	21.19	21.28	22.50
		1	25	21.43	21.36	21.40	22.50
		1	49	21.04	21.14	21.24	22.50
		25	0	20.22	20.19	20.29	21.50
		25	13	20.20	20.20	20.29	21.50
		25	25	20.28	20.36	20.39	21.50
		50	0	20.24	20.20	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.42	23.46	23.42	24.50
		1	38	23.41	23.41	23.40	24.50
		1	74	23.20	23.30	23.25	24.50
		36	0	22.41	22.31	22.21	23.50
		36	18	22.27	22.30	22.31	23.50
		36	39	22.35	22.39	22.32	23.50
		75	0	22.41	22.47	22.42	23.50
	16QAM	1	0	22.34	22.31	22.39	23.50
		1	38	22.48	22.47	22.44	23.50
		1	74	22.46	22.36	22.34	23.50
		36	0	21.29	21.31	21.31	22.50
		36	18	21.31	21.34	21.25	22.50
		36	39	21.25	21.31	21.39	22.50
		75	0	21.39	21.40	21.47	22.50
	64QAM	1	0	21.22	21.32	21.23	22.50
		1	38	21.41	21.40	21.41	22.50
		1	74	21.29	21.30	21.35	22.50
		36	0	20.41	20.38	20.36	21.50
		36	18	20.33	20.28	20.20	21.50
		36	39	20.31	20.39	20.33	21.50
		75	0	20.32	20.26	20.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.57	/	24.50
		1	50	/	23.55	/	24.50
		1	99	/	23.54	/	24.50
		50	0	/	22.56	/	23.50
		50	25	/	22.58	/	23.50
		50	50	/	22.59	/	23.50
		100	0	/	22.59	/	23.50
	16QAM	1	0	/	22.54	/	23.50
		1	50	/	22.57	/	23.50
		1	99	/	22.58	/	23.50
		50	0	/	21.55	/	22.50
		50	25	/	21.53	/	22.50
		50	50	/	21.55	/	22.50
		100	0	/	21.59	/	22.50
	64QAM	1	0	/	21.59	/	22.50
		1	50	/	21.57	/	22.50
		1	99	/	21.54	/	22.50
		50	0	/	20.53	/	21.50
		50	25	/	20.56	/	21.50
		50	50	/	20.57	/	21.50

		100	0	/	20.54	/	21.50
--	--	-----	---	---	-------	---	-------

LTE Band 66 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.34	23.40	23.07	24.50
		1	2	23.26	23.27	23.28	24.50
		1	5	23.34	23.42	22.99	24.50
		3	0	23.19	23.48	22.95	24.50
		3	1	23.36	23.36	23.34	24.50
		3	3	23.03	23.34	23.37	24.50
		6	0	22.20	22.35	22.22	23.50
	16QAM	1	0	22.25	22.49	22.24	23.50
		1	2	21.96	22.50	22.16	23.50
		1	5	22.21	22.38	22.24	23.50
		3	0	22.34	22.16	21.79	23.50
		3	1	22.19	22.48	22.46	23.50
		3	3	22.29	22.18	22.38	23.50
		6	0	21.25	21.30	21.47	22.50
	64QAM	1	0	21.45	21.57	21.01	22.50
		1	2	21.24	21.25	21.23	22.50
		1	5	21.27	21.35	21.06	22.50
		3	0	21.18	21.45	21.12	22.50
		3	1	21.29	21.27	21.28	22.50
		3	3	21.28	21.44	21.62	22.50
		6	0	20.12	20.10	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.28	23.41	23.12	24.50
		1	7	23.23	23.33	23.23	24.50
		1	14	23.37	23.33	23.04	24.50
		8	0	22.09	22.47	22.03	23.50
		8	4	22.41	22.43	22.31	23.50
		8	7	22.13	22.40	22.43	23.50
		15	0	22.26	22.25	22.18	23.50
	16QAM	1	0	22.34	22.43	22.32	23.50
		1	7	21.95	22.48	22.24	23.50
		1	14	22.31	22.29	22.22	23.50
		8	0	21.38	21.24	20.87	22.50
		8	4	21.17	21.45	21.41	22.50
		8	7	21.28	21.24	21.41	22.50
		15	0	21.16	21.31	21.48	22.50
	64QAM	1	0	21.36	21.57	21.04	22.50
		1	7	21.24	21.24	21.33	22.50
		1	14	21.17	21.27	21.14	22.50
		8	0	20.12	20.43	20.20	21.50
		8	4	20.20	20.31	20.30	21.50
		8	7	20.29	20.44	20.52	21.50
		15	0	20.17	20.15	20.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.28	23.42	23.11	24.50
		1	13	23.22	23.31	23.18	24.50
		1	24	23.34	23.24	23.14	24.50
		12	0	22.18	22.40	22.08	23.50
		12	6	22.35	22.48	22.28	23.50
		12	13	22.16	22.45	22.34	23.50
		25	0	22.16	22.34	22.13	23.50
	16QAM	1	0	22.25	22.49	22.38	23.50
		1	13	21.99	22.47	22.28	23.50
		1	24	22.35	22.39	22.30	23.50
		12	0	21.44	21.24	20.96	22.50
		12	6	21.26	21.43	21.44	22.50
		12	13	21.30	21.18	21.39	22.50
		25	0	21.17	21.34	21.43	22.50
	64QAM	1	0	21.31	21.50	21.14	22.50
		1	13	21.33	21.24	21.32	22.50
		1	24	21.13	21.23	21.23	22.50

		12	0	20.20	20.47	20.29	21.50	
		12	6	20.15	20.41	20.35	21.50	
		12	13	20.36	20.42	20.43	21.50	
		25	0	20.15	20.16	20.27	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	23.22	23.43	23.13	24.50	
		1	25	23.23	23.35	23.23	24.50	
		1	49	23.27	23.28	23.12	24.50	
		25	0	22.19	22.40	22.13	23.50	
		25	13	22.27	22.41	22.21	23.50	
		25	25	22.20	22.49	22.31	23.50	
	16QAM	50	0	22.12	22.35	22.19	23.50	
		1	0	22.33	22.53	22.32	23.50	
		1	25	22.09	22.53	22.25	23.50	
		1	49	22.38	22.35	22.28	23.50	
		25	0	21.34	21.31	21.00	22.50	
		25	13	21.28	21.46	21.45	22.50	
	64QAM	25	25	21.31	21.25	21.33	22.50	
		50	0	21.24	21.40	21.34	22.50	
		1	0	21.32	21.50	21.20	22.50	
		1	25	21.23	21.32	21.27	22.50	
		1	49	21.23	21.17	21.23	22.50	
		25	0	20.25	20.50	20.32	21.50	
	15MHz	QPSK	25	13	20.21	20.42	20.41	21.50
			25	25	20.36	20.37	20.43	21.50
			50	0	20.16	20.22	20.25	21.50
			1	0	23.36	23.46	23.30	24.50
			1	38	23.39	23.43	23.29	24.50
			1	74	23.36	23.42	23.29	24.50
16QAM		36	0	22.35	22.55	22.31	23.50	
		36	18	22.39	22.49	22.28	23.50	
		36	39	22.31	22.57	22.42	23.50	
		75	0	22.24	22.43	22.38	23.50	
		1	0	22.40	22.55	22.34	23.50	
		1	38	22.28	22.54	22.30	23.50	
64QAM		1	74	22.50	22.51	22.30	23.50	
		36	0	21.38	21.44	21.21	22.50	
		36	18	21.48	21.58	21.48	22.50	
		36	39	21.35	21.39	21.36	22.50	
		75	0	21.32	21.57	21.44	22.50	
		1	0	21.35	21.55	21.32	22.50	
20MHz		QPSK	1	38	21.26	21.43	21.36	22.50
			1	74	21.32	21.38	21.29	22.50
			36	0	20.44	20.55	20.42	21.50
			36	18	20.33	20.43	20.43	21.50
			36	39	20.41	20.40	20.45	21.50
			75	0	20.33	20.42	20.46	21.50
	16QAM	1	0	23.53	23.55	23.49	24.50	
		1	50	23.39	23.52	23.40	24.50	
		1	99	23.45	23.54	23.42	24.50	
		50	0	22.54	22.59	22.53	23.50	
		50	25	22.42	22.53	22.43	23.50	
		50	50	22.44	22.56	22.49	23.50	
	64QAM	100	0	22.48	22.57	22.51	23.50	
		1	0	22.49	22.56	22.44	23.50	
		1	50	22.42	22.55	22.41	23.50	
		1	99	22.47	22.54	22.42	23.50	
		50	0	21.43	21.52	21.38	22.50	
		50	25	21.47	21.57	21.47	22.50	
	QPSK	50	50	21.42	21.52	21.40	22.50	
		100	0	21.44	21.54	21.43	22.50	
		1	0	21.48	21.56	21.47	22.50	
		1	50	21.43	21.51	21.40	22.50	
		1	99	21.44	21.55	21.46	22.50	
		50	0	20.49	20.57	20.43	21.50	

		50	25	20.45	20.54	20.44	21.50
		50	50	20.43	20.54	20.44	21.50
		100	0	20.43	20.53	20.45	21.50

1.2 Conducted Power of Legacy (Ant1)

LTE Band 7 Receiver ON				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	21.18	21.68	21.38	22.50
		1	13	21.39	21.52	21.41	22.50
		1	24	21.26	21.48	21.37	22.50
		12	0	21.32	21.64	21.26	22.50
		12	6	21.44	21.54	21.39	22.50
		12	13	21.43	21.55	21.51	22.50
		25	0	21.30	21.62	21.37	22.50
	16QAM	1	0	21.49	21.40	21.44	22.50
		1	13	21.47	21.56	21.41	22.50
		1	24	21.31	21.60	21.48	22.50
		12	0	21.25	21.34	21.43	22.50
		12	6	21.51	21.60	21.55	22.50
		12	13	21.43	21.42	21.38	22.50
		25	0	21.50	21.38	21.34	22.50
	64QAM	1	0	21.44	21.78	21.42	22.50
		1	13	21.52	21.43	21.50	22.50
		1	24	21.38	21.41	21.50	22.50
		12	0	20.12	20.49	20.39	21.50
		12	6	20.34	20.62	20.47	21.50
		12	13	20.52	20.43	20.43	21.50
		25	0	20.49	20.45	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.20	21.64	21.40	22.50
		1	25	21.47	21.43	21.42	22.50
		1	49	21.35	21.44	21.37	22.50
		25	0	21.41	21.55	21.28	22.50
		25	13	21.44	21.60	21.41	22.50
		25	25	21.35	21.50	21.44	22.50
		50	0	21.40	21.63	21.43	22.50
	16QAM	1	0	21.43	21.43	21.42	22.50
		1	25	21.44	21.58	21.45	22.50
		1	49	21.27	21.57	21.43	22.50
		25	0	21.28	21.36	21.49	22.50
		25	13	21.47	21.50	21.47	22.50
		25	25	21.34	21.46	21.37	22.50
		50	0	21.41	21.45	21.33	22.50
	64QAM	1	0	21.43	21.74	21.39	22.50
		1	25	21.54	21.46	21.59	22.50
		1	49	21.31	21.40	21.40	22.50
		25	0	20.22	20.47	20.47	21.50
		25	13	20.38	20.61	20.42	21.50
		25	25	20.50	20.46	20.51	21.50
		50	0	20.42	20.52	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.30	21.65	21.41	22.50
		1	38	21.39	21.49	21.33	22.50
		1	74	21.45	21.44	21.35	22.50
		36	0	21.39	21.57	21.35	22.50
		36	18	21.35	21.50	21.31	22.50
		36	39	21.32	21.52	21.44	22.50
		75	0	21.39	21.57	21.35	22.50
	16QAM	1	0	21.45	21.51	21.51	22.50
		1	38	21.46	21.60	21.52	22.50
		1	74	21.32	21.47	21.35	22.50

		36	0	21.30	21.46	21.40	22.50
		36	18	21.40	21.52	21.38	22.50
		36	39	21.42	21.50	21.47	22.50
		75	0	21.39	21.54	21.34	22.50
	64QAM	1	0	21.38	21.65	21.43	22.50
		1	38	21.49	21.55	21.51	22.50
		1	74	21.38	21.46	21.46	22.50
		36	0	20.32	20.54	20.50	21.50
		36	18	20.39	20.58	20.45	21.50
		36	39	20.49	20.46	20.44	21.50
		75	0	20.45	20.53	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.71	21.74	21.68	22.50
		1	50	21.62	21.62	21.64	22.50
		1	99	21.53	21.60	21.51	22.50
		50	0	21.59	21.67	21.56	22.50
		50	25	21.50	21.62	21.49	22.50
		50	50	21.53	21.65	21.54	22.50
	16QAM	100	0	21.46	21.61	21.52	22.50
		1	0	21.42	21.53	21.41	22.50
		1	50	21.38	21.51	21.43	22.50
		1	99	21.41	21.51	21.42	22.50
		50	0	21.40	21.50	21.42	22.50
		50	25	21.42	21.50	21.35	22.50
	64QAM	50	50	21.41	21.55	21.48	22.50
		100	0	21.44	21.52	21.41	22.50
		1	0	21.41	21.55	21.41	22.50
		1	50	21.41	21.55	21.44	22.50
		1	99	21.40	21.54	21.43	22.50
		50	0	20.40	20.55	20.46	21.50
		50	25	20.46	20.55	20.44	21.50
		50	50	20.41	20.50	20.39	21.50
		100	0	20.42	20.51	20.43	21.50

LTE Band 7 Receiver OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.18	19.58	19.38	20.50
		1	13	19.39	19.52	19.41	20.50
		1	24	19.26	19.48	19.37	20.50
		12	0	18.82	19.14	18.76	20.50
		12	6	18.94	19.04	18.89	20.50
		12	13	18.93	19.05	19.01	20.50
	16QAM	25	0	18.80	19.22	18.87	20.50
		1	0	18.99	18.90	18.94	20.50
		1	13	18.97	19.06	18.91	20.50
		1	24	18.81	19.10	18.98	20.50
		12	0	18.75	18.84	18.93	20.50
		12	6	19.01	19.10	19.05	20.50
	64QAM	12	13	18.93	18.92	18.88	20.50
		25	0	19.00	18.88	18.84	20.50
		1	0	18.94	19.28	18.92	20.50
		1	13	19.02	18.93	19.00	20.50
		1	24	18.88	18.91	19.00	20.50
		12	0	18.62	18.99	18.89	20.50
		12	6	18.84	19.12	18.97	20.50
		12	13	19.02	18.93	18.93	20.50
		25	0	18.99	18.95	18.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.20	19.61	19.40	20.50
		1	25	19.47	19.43	19.42	20.50
		1	49	19.35	19.44	19.37	20.50
		25	0	18.91	19.05	18.78	20.50
		25	13	18.94	19.10	18.91	20.50
		25	25	18.85	19.00	18.94	20.50
		50	0	18.90	19.13	18.93	20.50

LTE Band 38 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.61	23.65	23.62	24.50
		1	13	23.58	23.62	23.61	24.50
		1	24	23.54	23.56	23.46	24.50
		12	0	22.53	22.47	22.50	23.50

		12	6	22.85	22.81	22.77	23.50
		12	13	22.92	22.91	22.98	23.50
		25	0	22.73	22.73	22.82	23.50
	16QAM	1	0	22.70	22.72	22.68	23.50
		1	13	22.39	22.49	22.39	23.50
		1	24	22.82	22.77	22.75	23.50
		12	0	21.72	21.65	21.61	22.50
		12	6	21.60	21.56	21.48	22.50
		12	13	21.75	21.68	21.67	22.50
		25	0	21.53	21.63	21.56	22.50
	64QAM	1	0	21.78	21.82	21.81	22.50
		1	13	21.61	21.64	21.65	22.50
		1	24	21.61	21.64	21.66	22.50
		12	0	20.77	20.75	20.83	21.50
		12	6	20.66	20.73	20.69	21.50
		12	13	20.78	20.78	20.83	21.50
		25	0	20.73	20.75	20.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.60	23.62	23.64	24.50
		1	25	23.53	23.59	23.55	24.50
		1	49	23.61	23.63	23.58	24.50
		25	0	22.58	22.57	22.61	23.50
		25	13	22.80	22.72	22.63	23.50
		25	25	22.85	22.84	22.80	23.50
	16QAM	50	0	22.69	22.74	22.76	23.50
		1	0	22.73	22.67	22.77	23.50
		1	25	22.64	22.57	22.62	23.50
		1	49	22.83	22.85	22.95	23.50
		25	0	21.83	21.75	21.72	22.50
		25	13	21.67	21.60	21.65	22.50
	64QAM	25	25	21.80	21.70	21.76	22.50
		50	0	21.53	21.60	21.65	22.50
		1	0	21.80	21.85	21.95	22.50
		1	25	21.64	21.60	21.57	22.50
		1	49	21.54	21.61	21.52	22.50
		25	0	20.76	20.76	20.79	21.50
15MHz	QPSK	25	13	20.68	20.64	20.61	21.50
		25	25	20.91	20.81	20.80	21.50
		50	0	20.74	20.75	20.80	21.50
	16QAM	1	0	23.64	23.66	23.62	24.50
		1	38	23.62	23.65	23.61	24.50
		1	74	23.63	23.65	23.61	24.50
		36	0	22.55	22.62	22.67	23.50
		36	18	22.78	22.76	22.76	23.50
		36	39	22.88	22.80	22.80	23.50
	64QAM	75	0	22.77	22.71	22.77	23.50
		1	0	22.61	22.61	22.69	23.50
		1	38	22.68	22.59	22.54	23.50
		1	74	22.76	22.80	22.83	23.50
		36	0	21.58	21.65	21.74	22.50
		36	18	21.66	21.61	21.67	22.50
20MHz	QPSK	36	39	21.73	21.71	21.66	22.50
		75	0	21.66	21.62	21.64	22.50
		1	0	21.73	21.77	21.69	22.50
		1	38	21.66	21.60	21.54	22.50
		1	74	21.63	21.60	21.59	22.50
		36	0	20.64	20.67	20.77	21.50
	16QAM	36	18	20.76	20.66	20.76	21.50
		36	39	20.70	20.72	20.68	21.50
		75	0	20.58	20.65	20.66	21.50
	64QAM	1	0	/	38000	/	Tune up
		1	50	/	38000	/	Tune up
		1	99	/	38000	/	Tune up
		50	0	/	38000	/	Tune up
		50	25	/	38000	/	Tune up
		50	25	/	38000	/	Tune up

		50	50	/	22.70	/	23.50
		100	0	/	22.65	/	23.50
	16QAM	1	0	/	22.68	/	23.50
		1	50	/	22.69	/	23.50
		1	99	/	22.70	/	23.50
		50	0	/	21.70	/	22.50
		50	25	/	21.71	/	22.50
		50	50	/	21.72	/	22.50
		100	0	/	21.64	/	22.50
		1	0	/	21.69	/	22.50
	64QAM	1	50	/	21.69	/	22.50
		1	99	/	21.66	/	22.50
		50	0	/	20.67	/	21.50
		50	25	/	20.71	/	21.50
		50	50	/	20.66	/	21.50
		100	0	/	20.71	/	21.50

LTE Band 41 2496 - 2690 Receiver ON&OFF				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	24.50
		1	13	23.85	23.86	23.75	23.84	23.73	24.50
		1	24	23.72	23.85	23.80	23.77	23.78	24.50
		12	0	23.79	23.68	23.79	23.74	23.77	24.50
		12	6	22.98	22.87	22.83	22.87	22.99	23.50
		12	13	22.87	22.79	23.00	22.95	22.65	23.50
	16QAM	12	13	22.90	22.75	22.92	22.97	23.01	23.50
		25	0	22.79	22.68	22.78	22.74	22.98	23.50
		1	0	22.58	22.85	22.96	22.65	22.85	23.50
		1	13	22.80	22.85	22.80	22.81	22.78	23.50
		1	24	22.80	22.89	22.86	22.78	22.88	23.50
		12	0	22.00	21.93	21.92	21.84	21.80	22.50
	64QAM	12	6	21.68	21.79	21.65	21.78	21.82	22.50
		12	13	21.98	21.92	21.79	21.72	21.82	22.50
		25	0	21.78	21.69	21.83	21.67	21.89	22.50
		1	0	21.89	21.67	21.83	21.88	21.71	22.50
		1	13	21.83	21.87	21.84	21.82	21.93	22.50
		1	24	21.75	21.75	21.97	21.99	21.94	22.50
		12	0	20.93	20.95	20.76	20.81	20.72	21.50
		12	6	20.91	20.69	20.86	20.72	20.89	21.50
10MHz	QPSK	12	13	20.82	20.92	20.86	20.77	20.98	21.50
		25	0	20.99	20.94	20.92	20.96	20.70	21.50
	16QAM	1	0	39700	40160	40620	41080	41540	24.50
		1	0	23.79	23.83	23.75	23.78	23.74	24.50
		1	25	23.80	23.76	23.78	23.77	23.79	24.50
		1	49	23.79	23.62	23.81	23.68	23.82	24.50
	64QAM	25	0	22.92	22.96	22.75	22.88	22.94	23.50
		25	13	22.79	22.81	22.93	22.87	22.72	23.50
		25	25	22.85	22.71	22.83	22.92	22.96	23.50
		50	0	22.73	22.71	22.81	22.76	22.90	23.50
		1	0	22.65	22.92	22.90	22.72	22.80	23.50
		1	25	22.88	22.92	22.72	22.83	22.82	23.50
		1	49	22.82	22.94	22.81	22.88	22.98	23.50
		25	0	21.97	21.88	21.88	21.86	21.85	22.50
15MHz	QPSK	25	13	21.78	21.82	21.64	21.69	21.88	22.50
		25	25	21.96	21.92	21.84	21.67	21.73	22.50
		50	0	21.77	21.66	21.79	21.74	21.81	22.50
	16QAM	1	0	21.90	21.72	21.74	21.95	21.76	22.50
		1	25	21.89	21.90	21.84	21.88	21.90	22.50
		1	49	21.75	21.85	21.87	21.93	21.98	22.50
		25	0	20.91	20.98	20.72	20.87	20.75	21.50
		25	13	20.98	20.77	20.84	20.77	20.93	21.50
		25	25	20.75	20.98	20.84	20.77	20.91	21.50
		50	0	21.06	20.92	20.98	20.93	20.73	21.50
	64QAM	1	0	39725	40173	40620	41068	41515	24.50
		1	0	23.75	23.85	23.81	23.84	23.83	24.50
		1	38	23.82	23.81	23.77	23.83	23.76	24.50

		1	74	23.80	23.72	23.79	23.77	23.78	24.50
		36	0	22.85	22.87	22.81	22.86	22.92	23.50
		36	18	22.89	22.78	22.94	22.90	22.80	23.50
		36	39	22.90	22.80	22.76	22.84	22.90	23.50
		75	0	22.75	22.80	22.89	22.79	22.86	23.50
	16QAM	1	0	22.75	22.86	22.91	22.80	22.84	23.50
		1	38	22.87	22.82	22.77	22.81	22.88	23.50
		1	74	22.84	22.93	22.81	22.91	22.97	23.50
		36	0	21.88	21.80	21.90	21.83	21.93	22.50
		36	18	21.85	21.73	21.74	21.73	21.84	22.50
	64QAM	36	39	21.90	21.83	21.75	21.76	21.83	22.50
		75	0	21.84	21.75	21.88	21.73	21.82	22.50
		1	0	21.87	21.82	21.75	21.85	21.79	22.50
		1	38	21.94	21.90	21.92	21.93	21.99	22.50
		1	74	21.81	21.95	21.86	21.91	21.90	22.50
		36	0	20.87	20.92	20.79	20.86	20.77	21.50
		36	18	20.93	20.81	20.83	20.87	20.83	21.50
		36	39	20.83	20.90	20.94	20.87	20.95	21.50
		75	0	20.98	20.82	20.89	20.84	20.75	21.50
		1	0	20.87	20.92	20.79	20.86	20.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.84	23.86	23.88	23.87	23.83	24.50
		1	50	23.86	23.84	23.85	23.85	23.80	24.50
		1	99	23.83	23.79	23.83	23.86	23.78	24.50
		50	0	22.80	22.86	22.91	22.86	22.82	23.50
		50	25	22.81	22.85	22.85	22.81	22.82	23.50
		50	50	22.82	22.86	22.84	22.84	22.84	23.50
	16QAM	100	0	22.82	22.84	22.85	22.84	22.83	23.50
		1	0	22.83	22.85	22.86	22.81	22.86	23.50
		1	50	22.88	22.87	22.85	22.81	22.84	23.50
		1	99	22.90	22.87	22.89	22.89	22.87	23.50
		50	0	21.81	21.79	21.83	21.83	21.85	22.50
		50	25	21.81	21.80	21.83	21.81	21.83	22.50
	64QAM	50	50	21.82	21.79	21.84	21.82	21.80	22.50
		100	0	21.84	21.83	21.83	21.78	21.82	22.50
		1	0	21.85	21.84	21.83	21.83	21.80	22.50
		1	50	21.89	21.87	21.90	21.92	21.90	22.50
		1	99	21.87	21.86	21.88	21.84	21.85	22.50
		50	0	20.88	20.85	20.87	20.84	20.86	21.50
		50	25	20.91	20.86	20.88	20.87	20.89	21.50
		50	50	20.88	20.92	20.89	20.90	20.90	21.50
		100	0	20.88	20.92	20.89	20.86	20.84	21.50
		100	0	20.88	20.92	20.89	20.86	20.84	21.50

1.3 Conducted Power of Legacy (Ant2)

GSM 850 Receiver ON&OFF										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.66	31.88	31.79	33.50	-9.19	22.47	22.69	22.60	24.31
GPRS (GMSK)	1 TX Slot	31.75	32.01	31.88	33.50	-9.19	22.56	22.82	22.69	24.31
	2 TX Slots	30.89	31.11	31.09	32.00	-6.18	24.71	24.93	24.91	25.82
	3 TX Slots	29.12	29.24	29.16	30.00	-4.42	24.70	24.82	24.74	25.58
	4 TX Slots	28.56	28.60	28.49	29.00	-3.17	25.39	25.43	25.32	25.83
EGPRS (GMSK)	1 TX Slot	31.89	32.08	32.02	33.50	-9.19	22.70	22.89	22.83	24.31
	2 TX Slots	31.03	31.23	31.18	32.00	-6.18	24.85	25.05	25.00	25.82
	3 TX Slots	29.23	29.34	29.29	30.00	-4.42	24.81	24.92	24.87	25.58
	4 TX Slots	28.45	28.67	28.02	29.00	-3.17	25.28	25.50	24.85	25.83
EGPRS (8PSK)	1 TX Slot	26.47	26.81	26.82	28.00	-9.19	17.28	17.62	17.63	18.81
	2 TX Slots	25.05	25.37	25.61	27.00	-6.18	18.87	19.19	19.43	20.82
	3 TX Slots	23.01	23.02	23.01	25.00	-4.42	18.59	18.60	18.59	20.58
	4 TX Slots	21.85	21.93	22.29	23.00	-3.17	18.68	18.76	19.12	19.83

WCDMA Band V Receiver ON&OFF					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.25	23.32	23.28	24.00
	12.2kbps AMR	23.18	23.27	23.19	24.00
HSDPA	Subtest 1	22.69	22.83	22.71	23.50
	Subtest 2	22.69	22.79	22.65	23.50
	Subtest 3	22.17	22.31	22.19	23.00
	Subtest 4	22.15	22.30	22.19	23.00
HSUPA	Subtest 1	21.74	21.83	21.69	22.50
	Subtest 2	21.67	21.81	21.70	22.50
	Subtest 3	21.69	21.83	21.69	22.50
	Subtest 4	21.73	21.80	21.66	22.50
HSPA+	16QAM	21.65	21.79	21.64	22.50

LTE Band 5 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.73	23.81	23.75	25.00
		1	2	23.77	23.64	23.71	25.00
		1	5	23.66	23.74	23.79	25.00
		3	0	23.79	23.65	23.59	25.00
		3	2	23.78	23.72	23.68	25.00
		3	3	23.80	23.71	23.61	25.00
	16QAM	6	0	23.06	23.02	22.96	24.00
		1	0	22.69	22.75	22.73	24.00
		1	2	23.20	23.10	23.20	24.00
		1	5	22.94	22.85	22.90	24.00
		3	0	22.70	22.79	22.76	24.00
		3	2	22.86	22.84	22.86	24.00
	64QAM	3	3	22.96	22.88	22.81	24.00
		6	0	21.78	21.84	21.84	23.00
		1	0	21.72	21.81	21.81	23.00
		1	2	21.93	21.90	21.98	23.00
		1	5	21.77	21.70	21.80	23.00
		3	0	21.81	21.78	21.77	23.00
		3	2	21.89	21.83	21.83	23.00
		3	3	21.90	21.94	21.97	23.00
		6	0	20.86	20.82	20.92	22.00
3MHz	QPSK	1	0	23.68	23.75	23.67	25.00
			7	23.78	23.75	23.66	25.00
		1	14	23.74	23.64	23.55	25.00
		8	0	22.97	23.04	23.12	24.00
		8	4	22.86	22.81	22.78	24.00
		8	7	22.90	22.89	22.90	24.00
		15	0	23.04	23.03	23.13	24.00
		15	0	23.04	23.03	23.13	24.00

	16QAM	1	0	22.73	22.76	22.72	24.00
		1	7	23.12	23.05	23.14	24.00
		1	14	22.84	22.89	22.92	24.00
		8	0	21.79	21.80	21.88	23.00
		8	4	21.80	21.88	21.78	23.00
		8	7	21.72	21.79	21.71	23.00
	64QAM	15	0	21.79	21.80	21.79	23.00
		1	0	21.90	21.87	21.94	23.00
		1	7	21.91	21.96	22.06	23.00
		1	14	21.65	21.74	21.70	23.00
		8	0	20.77	20.80	20.73	22.00
		8	4	20.94	20.85	20.87	22.00
		8	7	20.84	20.85	20.85	22.00
		15	0	20.94	20.92	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20425	20525	20625	25.00
		1	13	23.84	23.79	23.81	25.00
		1	24	23.78	23.82	23.79	25.00
		12	0	23.71	23.81	23.74	25.00
		12	6	22.98	22.98	23.03	24.00
		12	13	22.83	22.79	22.74	24.00
	16QAM	25	0	22.84	22.81	22.86	24.00
		1	0	22.98	22.93	23.00	24.00
		1	13	22.80	22.85	22.79	24.00
		1	24	22.94	22.97	23.05	24.00
		12	0	22.93	22.85	22.90	24.00
		12	6	21.92	21.82	21.75	23.00
	64QAM	12	13	22.02	21.95	21.91	23.00
		12	13	21.92	21.84	21.94	23.00
		25	0	21.87	21.88	21.98	23.00
		1	0	21.91	21.87	21.90	23.00
		1	13	21.85	21.87	21.95	23.00
		1	24	21.82	21.83	21.76	23.00
10MHz	QPSK	12	0	20.90	20.84	20.89	22.00
		12	6	20.84	20.82	20.77	22.00
		12	13	20.90	20.88	20.79	22.00
		25	0	20.80	20.85	20.80	22.00
	16QAM	1	0	/	20525	/	25.00
		1	25	/	23.89	/	25.00
		1	49	/	23.88	/	25.00
		25	0	/	23.87	/	25.00
		25	13	/	22.93	/	24.00
		25	25	/	22.88	/	24.00
	64QAM	50	0	/	22.88	/	24.00
		1	0	/	22.89	/	24.00
		1	25	/	22.90	/	24.00
		1	49	/	22.88	/	24.00
		25	0	/	21.88	/	23.00
		25	13	/	21.88	/	23.00
	16QAM	25	25	/	21.83	/	23.00
		50	0	/	21.88	/	23.00
	64QAM	1	0	/	21.84	/	23.00
		1	25	/	21.83	/	23.00
		1	49	/	21.88	/	23.00
		25	0	/	20.84	/	22.00
	64QAM	25	13	/	20.82	/	22.00
		25	25	/	20.83	/	22.00
		50	0	/	20.88	/	22.00

LTE FDD Band 12 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.73	23.78	23.79	25.00
		1	2	23.76	23.70	23.75	25.00
		1	5	23.68	23.77	23.71	25.00
		3	0	23.71	23.63	23.60	25.00
		3	2	23.59	23.61	23.69	25.00
		3	3	23.74	23.68	23.74	25.00
	16QAM	6	0	22.64	22.55	22.48	24.00
		1	0	22.94	22.86	22.80	24.00
		1	2	22.85	22.94	23.03	24.00
		1	5	22.98	22.99	22.93	24.00
		3	0	23.16	23.07	23.15	24.00
		3	2	22.95	23.05	23.11	24.00
	64QAM	3	3	23.08	23.06	23.04	24.00
		6	0	22.00	21.93	22.02	23.00
		1	0	21.92	21.98	21.99	23.00
		1	2	21.95	21.99	21.97	23.00
		1	5	21.81	21.89	21.95	23.00
		3	0	21.93	21.93	21.98	23.00
3MHz	QPSK	3	2	22.02	22.02	22.10	23.00
		3	3	21.84	21.80	21.79	23.00
		6	0	21.03	20.97	20.99	22.00
	16QAM	1	0	23.81	23.75	23.69	25.00
		1	7	23.74	23.66	23.60	25.00
		1	14	23.69	23.69	23.70	25.00
	64QAM	8	0	22.56	22.61	22.53	24.00
		8	4	22.50	22.55	22.49	24.00
		8	7	22.82	22.75	22.65	24.00
		15	0	22.49	22.50	22.51	24.00
	16QAM	1	0	22.85	22.81	22.75	24.00
		1	7	22.98	22.95	22.92	24.00
		1	14	22.97	22.90	22.83	24.00
		8	0	21.97	22.00	22.03	23.00
		8	4	21.95	22.02	21.96	23.00
		8	7	22.06	21.99	22.07	23.00
5MHz	QPSK	15	0	21.91	21.88	21.87	23.00
		1	0	22.09	22.00	21.94	23.00
		1	7	21.84	21.94	21.98	23.00
		1	14	21.84	21.90	21.91	23.00
		8	0	20.97	20.97	20.93	22.00
		8	4	20.89	20.93	20.96	22.00
	16QAM	8	7	20.88	20.83	20.77	22.00
		15	0	20.97	21.05	21.06	22.00
	64QAM	1	0	23.70	23.78	23.75	25.00
		1	13	23.54	23.63	23.58	25.00
		1	24	23.74	23.72	23.72	25.00
		12	0	22.65	22.63	22.73	24.00
		12	6	22.55	22.65	22.61	24.00
		12	13	22.60	22.68	22.73	24.00
LTE FDD Band 12 Receiver ON&OFF	QPSK	25	0	22.58	22.52	22.52	24.00
		1	0	22.97	22.90	22.95	24.00
		1	13	23.02	22.92	22.92	24.00
		1	24	22.93	22.84	22.74	24.00
		12	0	21.82	21.91	21.91	23.00
		12	6	21.94	21.98	21.91	23.00
	16QAM	12	13	21.91	21.97	22.05	23.00
		25	0	22.02	21.98	21.88	23.00
	64QAM	1	0	22.09	22.00	21.92	23.00
		1	13	21.88	21.96	21.90	23.00
		1	24	21.91	21.88	21.78	23.00
		12	0	20.99	21.02	20.95	22.00
		12	6	21.00	20.99	20.90	22.00
		12	13	20.90	20.93	20.98	22.00

Bandwidth	Modulation	25	0	20.93	21.01	20.99	22.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23095	/	25.00
		1	25	/	23.96	/	25.00
		1	49	/	23.91	/	25.00
		25	0	/	23.95	/	25.00
		25	13	/	22.98	/	24.00
		25	25	/	22.96	/	24.00
		50	0	/	22.95	/	24.00
	16QAM	1	0	/	22.91	/	24.00
		1	25	/	22.97	/	24.00
		1	49	/	22.94	/	24.00
		25	0	/	22.92	/	24.00
		25	13	/	21.99	/	23.00
		25	25	/	21.95	/	23.00
		50	0	/	21.99	/	23.00
	64QAM	1	0	/	21.91	/	23.00
		1	25	/	21.95	/	23.00
		1	49	/	21.96	/	23.00
		25	0	/	21.93	/	23.00
		25	13	/	20.97	/	22.00
		25	25	/	20.93	/	22.00
		50	0	/	20.94	/	22.00
	64QAM	1	0	/	20.96	/	22.00
		1	25	/			
		1	49	/			
		25	0	/			
		25	13	/			
		25	25	/			
		50	0	/			

LTE FDD Band 13 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.82	/	25.00
		1	13	/	23.72	/	25.00
		1	24	/	23.87	/	25.00
		12	0	/	23.11	/	24.00
		12	6	/	23.01	/	24.00
		12	13	/	23.01	/	24.00
		25	0	/	23.02	/	24.00
	16QAM	1	0	/	22.98	/	24.00
		1	13	/	23.09	/	24.00
		1	24	/	22.98	/	24.00
		12	0	/	22.06	/	23.00
		12	6	/	21.92	/	23.00
		12	13	/	22.06	/	23.00
		25	0	/	22.05	/	23.00
	64QAM	1	0	/	22.10	/	23.00
		1	13	/	22.04	/	23.00
		1	24	/	22.09	/	23.00
		12	0	/	21.09	/	22.00
		12	6	/	21.02	/	22.00
		12	13	/	21.09	/	22.00
		25	0	/	20.94	/	22.00
10MHz	QPSK	1	0	/	24.06	/	25.00
		1	25	/	24.02	/	25.00
		1	49	/	23.95	/	25.00
		25	0	/	23.03	/	24.00
		25	13	/	23.04	/	24.00
		25	25	/	23.07	/	24.00
		50	0	/	22.95	/	24.00
	16QAM	1	0	/	23.00	/	24.00
		1	25	/	23.00	/	24.00
		1	49	/	23.02	/	24.00
		25	0	/	22.06	/	23.00
		25	13	/	22.02	/	23.00
		25	25	/	22.03	/	23.00
		50	0	/	22.04	/	23.00
	64QAM	1	0	/	22.04	/	23.00
		1	25	/	22.01	/	23.00
		1	49	/	22.03	/	23.00
		25	0	/			
		25	13	/			
		25	25	/			
		50	0	/			

		25	0	/	21.03	/	22.00
		25	13	/	21.05	/	22.00
		25	25	/	21.01	/	22.00
		50	0	/	21.02	/	22.00

LTE FDD Band 17 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23790	/	25.00
		1	13	/	24.01	/	25.00
		1	24	/	24.02	/	25.00
		12	0	/	24.06	/	25.00
		12	6	/	22.97	/	24.00
		12	13	/	23.17	/	24.00
	16QAM	25	0	/	23.11	/	24.00
		1	0	/	23.13	/	24.00
		1	13	/	23.11	/	24.00
		1	24	/	23.12	/	24.00
		12	0	/	23.13	/	24.00
		12	6	/	22.03	/	23.00
	64QAM	12	13	/	22.03	/	23.00
		25	0	/	22.14	/	23.00
		1	0	/	22.14	/	23.00
		1	13	/	22.15	/	23.00
		1	24	/	22.18	/	23.00
		12	0	/	22.02	/	23.00
10MHz	QPSK	12	6	/	21.02	/	22.00
		12	13	/	21.05	/	22.00
		12	25	/	21.11	/	22.00
		25	0	/	21.15	/	22.00
	16QAM	1	0	/	21.15	/	22.00
		1	25	/	24.09	/	25.00
		1	49	/	24.06	/	25.00
		25	0	/	24.05	/	25.00
		25	13	/	23.04	/	24.00
		25	25	/	23.11	/	24.00
	64QAM	50	0	/	23.07	/	24.00
		1	0	/	23.10	/	24.00
		1	25	/	23.09	/	24.00
		1	49	/	23.05	/	24.00
		25	0	/	23.11	/	24.00
		25	13	/	22.10	/	23.00
10MHz	QPSK	25	25	/	22.10	/	23.00
		25	0	/	22.11	/	23.00
		50	0	/	22.12	/	23.00
	16QAM	1	0	/	22.11	/	23.00
		1	25	/	22.11	/	23.00
		1	49	/	22.08	/	23.00
	64QAM	1	0	/	22.05	/	23.00
		25	0	/	22.09	/	22.00
		25	13	/	21.09	/	22.00
		25	25	/	21.11	/	22.00
		25	0	/	21.12	/	22.00
		50	0	/	21.05	/	22.00

LTE Band 26 Receiver ON&OFF				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	26697	26865	27033			
		1	0	23.91	23.86	23.85	25.00
		1	2	24.03	23.96	24.01	25.00
		1	5	23.80	23.82	23.76	25.00
		3	0	23.70	23.76	23.70	25.00
		3	2	24.02	24.01	24.05	25.00
	16QAM	3	3	23.88	23.85	23.81	25.00
		6	0	23.14	23.05	23.13	24.00
		1	0	23.05	23.01	22.92	24.00
		1	2	22.91	22.89	22.94	24.00
		1	5	22.68	22.74	22.77	24.00
		3	0	22.99	22.98	23.04	24.00

	64QAM	3	2	22.93	22.87	22.96	24.00
		3	3	22.80	22.84	22.89	24.00
		6	0	22.01	21.99	21.92	23.00
		1	0	21.76	21.79	21.84	23.00
		1	2	21.79	21.83	21.85	23.00
		1	5	21.93	22.01	21.98	23.00
		3	0	21.73	21.83	21.85	23.00
		3	2	21.84	21.88	21.94	23.00
		3	3	21.78	21.87	21.96	23.00
		6	0	20.81	20.85	20.80	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	24.00	23.91	24.02	25.00
		1	7	24.01	24.01	24.01	25.00
		1	14	23.80	23.86	23.83	25.00
		8	0	22.74	22.84	22.87	24.00
		8	4	23.11	23.03	23.12	24.00
		8	7	22.82	22.82	22.82	24.00
	16QAM	15	0	23.17	23.12	23.12	24.00
		1	0	22.86	22.95	22.91	24.00
		1	7	22.76	22.83	22.82	24.00
		1	14	22.86	22.84	22.92	24.00
		8	0	22.01	21.94	21.87	23.00
		8	4	22.00	21.97	22.03	23.00
		8	7	21.88	21.90	21.95	23.00
	64QAM	15	0	21.89	21.91	21.96	23.00
		1	0	21.89	21.79	21.76	23.00
		1	7	21.87	21.83	21.76	23.00
		1	14	22.00	22.08	22.03	23.00
		8	0	20.83	20.76	20.84	22.00
		8	4	20.81	20.90	20.94	22.00
		8	7	20.93	20.92	20.89	22.00
		15	0	20.83	20.83	20.80	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	24.05	23.97	23.97	25.00
		1	13	24.03	23.98	23.97	25.00
		1	24	24.01	23.96	23.92	25.00
		12	0	22.70	22.80	22.76	24.00
		12	6	23.05	22.98	22.94	24.00
		12	13	22.82	22.77	22.83	24.00
	16QAM	25	0	23.07	23.16	23.06	24.00
		1	0	22.97	22.89	22.88	24.00
		1	13	22.86	22.91	22.89	24.00
		1	24	22.94	22.94	22.98	24.00
		12	0	22.12	22.02	22.03	23.00
		12	6	21.99	22.06	22.11	23.00
	64QAM	12	13	21.73	21.81	21.80	23.00
		25	0	21.97	22.01	21.98	23.00
		1	0	21.82	21.89	21.84	23.00
		1	13	21.75	21.82	21.82	23.00
		1	24	22.25	22.15	22.20	23.00
		12	0	20.81	20.86	20.84	22.00
		12	6	20.85	20.93	20.87	22.00
		12	13	21.06	20.97	20.93	22.00
		25	0	20.87	20.91	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.95	24.03	24.01	25.00
		1	25	23.98	23.90	23.91	25.00
		1	49	24.02	24.01	24.01	25.00
		25	0	22.79	22.87	22.89	24.00
		25	13	22.89	22.96	23.06	24.00
		25	25	22.94	22.87	22.94	24.00
	16QAM	50	0	23.11	23.07	23.04	24.00
		1	0	22.93	22.94	22.94	24.00
		1	25	22.99	22.91	23.01	24.00
		1	49	22.96	22.95	22.98	24.00
		25	0	21.96	21.96	21.94	23.00
		25	13	21.95	21.99	21.95	23.00

		25	25	21.97	21.89	21.95	23.00
		50	0	22.00	21.99	21.93	23.00
	64QAM	1	0	21.84	21.88	21.90	23.00
		1	25	22.01	21.91	21.95	23.00
		1	49	22.11	22.06	21.96	23.00
		25	0	20.74	20.83	20.80	22.00
		25	13	20.80	20.84	20.84	22.00
		25	25	21.00	20.94	20.99	22.00
		50	0	20.92	20.95	20.97	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	26865	/	25.00
		1	38	/	24.08	/	25.00
		1	74	/	23.94	/	25.00
		36	0	/	23.96	/	25.00
		36	18	/	22.99	/	24.00
		36	39	/	22.97	/	24.00
		75	0	/	22.97	/	24.00
	16QAM	1	0	/	22.95	/	24.00
		1	38	/	23.00	/	24.00
		1	74	/	22.94	/	24.00
		36	0	/	22.93	/	24.00
		36	18	/	21.92	/	23.00
		36	39	/	21.99	/	23.00
		75	0	/	21.93	/	23.00
	64QAM	1	0	/	21.96	/	23.00
		1	38	/	21.98	/	23.00
		1	74	/	21.96	/	23.00
		36	0	/	21.98	/	23.00
		36	18	/	20.92	/	22.00
		36	39	/	20.93	/	22.00
		75	0	/	20.93	/	22.00

2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant.3 Receiver ON&OFF					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.16	19.00
	6	2437		17.94	19.00
	11	2462		17.27	19.00
802.11g	1	2412	6	16.68	18.50
	6	2437		17.32	18.50
	11	2462		16.01	17.50
802.11n HT20	1	2412	6.5	16.70	18.50
	6	2437		17.26	18.50
	11	2462		16.30	18.00
802.11n HT40	3	2422	13.5	15.60	17.00
	6	2437		15.93	17.00
	9	2452		15.28	17.00

2.2 Conducted Power of 5G WIFI

WIFI 5G Ant.3 Receiver ON					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	13.83	15.50
		40	5200	14.08	15.50
		44	5220	14.29	15.50
		48	5240	14.48	15.50
	802.11n HT20	36	5180	13.06	15.00
		40	5200	13.20	15.00
		44	5220	13.15	15.00
		48	5240	13.90	15.00
	802.11n HT40	38	5190	11.55	12.50
		46	5230	11.86	12.50
	802.11ac VHT20	36	5180	10.98	12.50
		40	5200	11.10	12.50
		44	5220	11.23	12.50
		48	5240	11.63	12.50
	802.11ac VHT40	38	5190	11.46	12.50
		46	5230	11.84	12.50
	802.11ac VHT80	42	5210	11.65	12.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	14.05	15.50
		56	5280	14.28	15.50
		60	5300	14.26	15.50
		64	5320	14.36	15.50
	802.11n HT20	52	5260	13.22	15.00
		56	5280	13.32	15.00
		60	5300	13.60	15.00
		64	5320	13.61	15.00
	802.11n HT40	54	5270	11.65	12.50
		62	5310	11.73	12.50
	802.11ac VHT20	52	5260	10.96	12.50
		56	5280	11.03	12.50
		60	5300	11.29	12.50
		64	5320	11.13	12.50
	802.11ac VHT40	54	5270	11.51	12.50
		62	5310	11.63	12.50
	802.11ac VHT80	58	5290	11.47	12.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	14.79	15.50
		104	5520	14.58	15.50
		108	5540	14.52	15.50

		112	5560	14.57	15.50
		116	5580	14.62	15.50
		120	5600	14.60	15.50
		124	5620	14.59	15.50
		128	5640	14.09	15.50
		132	5660	14.08	15.50
		136	5680	13.97	15.50
		140	5700	11.90	13.50
		144	5720	13.88	15.50
		100	5500	14.00	15.00
	802.11n HT20	104	5520	13.84	15.00
		108	5540	13.76	15.00
		112	5560	13.76	15.00
		116	5580	13.78	15.00
		120	5600	13.86	15.00
		124	5620	14.03	15.00
		128	5640	13.97	15.00
		132	5660	13.89	15.00
		136	5680	13.81	15.00
		140	5700	12.13	14.00
	802.11n HT40	144	5720	13.16	15.00
		102	5510	11.92	12.50
		110	5550	11.54	12.50
		118	5590	11.61	12.50
		126	5630	11.77	12.50
		134	5670	11.33	12.50
	802.11ac VHT20	142	5710	11.62	12.50
		100	5500	11.49	12.50
		104	5520	11.39	12.50
		108	5540	11.53	12.50
		112	5560	11.58	12.50
		116	5580	11.25	12.50
		120	5600	11.37	12.50
		124	5620	11.40	12.50
		128	5640	11.25	12.50
		132	5660	11.56	12.50
	802.11ac VHT40	136	5680	11.32	12.50
		140	5700	11.26	12.50
		144	5720	11.57	12.50
		102	5510	11.70	12.50
		110	5550	11.55	12.50
		118	5590	11.55	12.50
	802.11ac VHT80	126	5630	11.44	12.50
		134	5670	11.40	12.50
		142	5710	11.52	12.50
		106	5530	11.45	12.50
		122	5610	11.25	12.50
		138	5690	11.49	12.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	13.87	15.50
		153	5765	13.72	15.50
		157	5785	13.79	15.50
		161	5805	13.71	15.50
		165	5825	13.83	15.50
	802.11n HT20	149	5745	13.14	15.00
		153	5765	13.06	15.00
		157	5785	13.21	15.00
		161	5805	13.02	15.00
		165	5825	13.13	15.00
	802.11n HT40	151	5755	11.54	12.50
		159	5795	11.22	12.50
	802.11ac VHT20	149	5745	11.27	12.50
		153	5765	11.09	12.50
		157	5785	10.86	12.50
		161	5805	10.77	12.50
		165	5825	10.76	12.50
	802.11ac VHT40	151	5755	11.39	12.50
159		5795	10.85	12.50	
802.11ac	155	5775	11.32	12.50	

	VHT80				
--	-------	--	--	--	--

WIFI 5G Ant 3 Receiver OFF					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	17.31	19.00
		40	5200	17.57	19.00
		44	5220	17.85	19.00
		48	5240	17.97	19.00
	802.11n HT20	36	5180	16.05	18.00
		40	5200	16.70	18.50
		44	5220	16.64	18.50
		48	5240	17.38	18.50
	802.11n HT40	38	5190	15.05	16.00
		46	5230	15.35	16.00
	802.11ac VHT20	36	5180	14.49	16.00
		40	5200	14.59	16.00
		44	5220	14.77	16.00
		48	5240	15.14	16.00
	802.11ac VHT40	38	5190	14.94	16.00
		46	5230	15.34	16.00
	802.11ac VHT80	42	5210	15.13	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	17.56	19.00
		56	5280	17.76	19.00
		60	5300	17.79	19.00
		64	5320	17.90	19.00
	802.11n HT20	52	5260	16.77	18.50
		56	5280	16.82	18.50
		60	5300	17.12	18.50
		64	5320	17.15	18.50
	802.11n HT40	54	5270	15.17	16.00
		62	5310	15.24	16.00
	802.11ac VHT20	52	5260	14.46	16.00
		56	5280	14.51	16.00
		60	5300	14.84	16.00
		64	5320	14.65	16.00
	802.11ac VHT40	54	5270	14.99	16.00
		62	5310	15.15	16.00
	802.11ac VHT80	58	5290	15.00	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	16.29	17.00
		104	5520	18.11	19.00
		108	5540	18.05	19.00
		112	5560	18.08	19.00
		116	5580	18.29	19.00
		120	5600	18.14	19.00
		124	5620	18.07	19.00
		128	5640	17.62	19.00
		132	5660	17.55	19.00
		136	5680	17.49	19.00
		140	5700	11.94	13.50
		144	5720	17.41	19.00
	802.11n HT20	100	5500	14.99	16.00
		104	5520	17.32	18.50
		108	5540	17.29	18.50
		112	5560	17.24	18.50
		116	5580	17.30	18.50
		120	5600	17.41	18.50
		124	5620	17.53	18.50
		128	5640	17.50	18.50
		132	5660	17.38	18.50
		136	5680	17.29	18.50
		140	5700	12.17	14.00
		144	5720	16.66	18.50
	802.11n	102	5510	13.95	14.50

	HT40	110	5550	15.04	16.00
		118	5590	15.09	16.00
		126	5630	15.25	16.00
		134	5670	14.85	16.00
		142	5710	15.10	16.00
	802.11ac VHT20	100	5500	14.99	16.00
		104	5520	14.86	16.00
		108	5540	15.03	16.00
		112	5560	15.10	16.00
		116	5580	14.79	16.00
		120	5600	14.85	16.00
		124	5620	14.93	16.00
		128	5640	14.77	16.00
		132	5660	15.03	16.00
		136	5680	14.82	16.00
		140	5700	12.79	14.00
		144	5720	15.04	16.00
	802.11ac VHT40	102	5510	13.74	14.50
		110	5550	15.03	16.00
		118	5590	15.05	16.00
		126	5630	14.95	16.00
		134	5670	14.92	16.00
	802.11ac VHT80	142	5710	14.99	16.00
		106	5530	14.46	15.50
		122	5610	14.76	16.00
		138	5690	15.02	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	17.35	19.00
		153	5765	17.21	19.00
		157	5785	17.28	19.00
		161	5805	17.22	19.00
		165	5825	17.33	19.00
	802.11n HT20	149	5745	16.66	18.50
		153	5765	16.54	18.50
		157	5785	16.75	18.50
		161	5805	16.51	18.50
		165	5825	16.65	18.50
	802.11n HT40	151	5755	15.04	16.00
		159	5795	14.71	16.00
	802.11ac VHT20	149	5745	14.81	16.00
		153	5765	14.63	16.00
		157	5785	14.40	16.00
		161	5805	14.32	16.00
		165	5825	14.27	16.00
	802.11ac VHT40	151	5755	14.88	16.00
		159	5795	14.40	16.00
	802.11ac VHT80	155	5775	14.85	16.00

WIFI 5G Ant.3 Receiver ON with Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	11.77	13.50
		40	5200	12.02	13.50
		44	5220	12.23	13.50
		48	5240	12.41	13.50
	802.11n HT20	36	5180	11.05	13.00
		40	5200	11.12	13.00
		44	5220	11.08	13.00
		48	5240	11.85	13.00
	802.11n HT40	38	5190	9.49	10.50
		46	5230	9.77	10.50
	802.11ac VHT20	36	5180	8.91	10.50
		40	5200	9.02	10.50
		44	5220	9.18	10.50
		48	5240	9.56	10.50
	802.11ac VHT40	38	5190	9.40	10.50
		46	5230	9.74	10.50
	802.11ac	42	5210	9.59	10.50

VHT80					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	11.98	13.50
		56	5280	12.18	13.50
		60	5300	12.16	13.50
		64	5320	12.30	13.50
	802.11n HT20	52	5260	11.17	13.00
		56	5280	11.26	13.00
		60	5300	11.52	13.00
		64	5320	11.55	13.00
	802.11n HT40	54	5270	9.55	10.50
		62	5310	9.66	10.50
	802.11ac VHT20	52	5260	8.87	10.50
		56	5280	8.94	10.50
		60	5300	9.20	10.50
		64	5320	9.03	10.50
	802.11ac VHT40	54	5270	9.45	10.50
		62	5310	9.58	10.50
	802.11ac VHT80	58	5290	9.42	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	12.71	13.50
		104	5520	12.49	13.50
		108	5540	12.45	13.50
		112	5560	12.51	13.50
		116	5580	12.55	13.50
		120	5600	12.55	13.50
		124	5620	12.50	13.50
		128	5640	11.99	13.50
		132	5660	12.02	13.50
		136	5680	11.89	13.50
		140	5700	11.94	13.50
		144	5720	11.79	13.50
	802.11n HT20	100	5500	11.91	13.00
		104	5520	11.79	13.00
		108	5540	11.70	13.00
		112	5560	11.67	13.00
		116	5580	11.72	13.00
		120	5600	11.78	13.00
		124	5620	11.94	13.00
		128	5640	11.90	13.00
		132	5660	11.84	13.00
		136	5680	11.73	13.00
		140	5700	11.17	13.00
		144	5720	11.07	13.00
	802.11n HT40	102	5510	9.84	10.50
		110	5550	9.47	10.50
		118	5590	9.53	10.50
		126	5630	9.71	10.50
		134	5670	9.24	10.50
	802.11ac VHT20	142	5710	9.56	10.50
		100	5500	9.42	10.50
		104	5520	9.33	10.50
		108	5540	9.44	10.50
		112	5560	9.50	10.50
		116	5580	9.17	10.50
		120	5600	9.29	10.50
		124	5620	9.33	10.50
		128	5640	9.18	10.50
		132	5660	9.49	10.50
	802.11ac VHT40	136	5680	9.27	10.50
		140	5700	9.19	10.50
		144	5720	9.48	10.50
		102	5510	9.64	10.50
		110	5550	9.46	10.50
		118	5590	9.48	10.50
		126	5630	9.34	10.50
		134	5670	9.33	10.50

	802.11ac VHT80	142	5710	9.47	10.50
		106	5530	9.38	10.50
		122	5610	9.18	10.50
		138	5690	9.42	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	11.80	13.50
		153	5765	11.64	13.50
		157	5785	11.73	13.50
		161	5805	11.62	13.50
		165	5825	11.74	13.50
	802.11n HT20	149	5745	11.07	13.00
		153	5765	11.02	13.00
		157	5785	11.12	13.00
		161	5805	11.11	13.00
		165	5825	11.08	13.00
	802.11n HT40	151	5755	9.46	10.50
		159	5795	9.14	10.50
	802.11ac VHT20	149	5745	9.19	10.50
		153	5765	9.03	10.50
		157	5785	8.77	10.50
		161	5805	8.67	10.50
		165	5825	8.70	10.50
	802.11ac VHT40	151	5755	9.32	10.50
		159	5795	8.79	10.50
	802.11ac VHT80	155	5775	9.25	10.50

WIFI 5G Ant 3 Receiver OFF with Simultaneous					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.23	14.00
		40	5200	12.52	14.00
		44	5220	12.76	14.00
		48	5240	12.87	14.00
	802.11n HT20	36	5180	11.08	13.00
		40	5200	11.61	13.50
		44	5220	11.59	13.50
		48	5240	12.30	13.50
	802.11n HT40	38	5190	9.99	11.00
		46	5230	10.28	11.00
	802.11ac VHT20	36	5180	9.40	11.00
		40	5200	9.52	11.00
		44	5220	9.72	11.00
		48	5240	10.07	11.00
	802.11ac VHT40	38	5190	9.86	11.00
		46	5230	10.25	11.00
	802.11ac VHT80	42	5210	10.06	11.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	12.49	14.00
		56	5280	12.67	14.00
		60	5300	12.71	14.00
		64	5320	12.81	14.00
	802.11n HT20	52	5260	11.72	13.50
		56	5280	11.72	13.50
		60	5300	12.05	13.50
		64	5320	12.08	13.50
	802.11n HT40	54	5270	10.09	11.00
		62	5310	10.19	11.00
	802.11ac VHT20	52	5260	9.41	11.00
		56	5280	9.44	11.00
		60	5300	9.76	11.00
		64	5320	9.57	11.00
	802.11ac VHT40	54	5270	9.92	11.00
		62	5310	10.08	11.00
	802.11ac VHT80	58	5290	9.93	11.00
5GHz		Channel	Frequency(MHz)	Average Power	Tune up

				(dBm)	
5GHz UNII-2C	802.11a	100	5500	12.22	14.00
		104	5520	13.01	14.00
		108	5540	12.96	14.00
		112	5560	13.01	14.00
		116	5580	13.07	14.00
		120	5600	13.07	14.00
		124	5620	12.97	14.00
		128	5640	12.57	14.00
		132	5660	12.48	14.00
		136	5680	12.41	14.00
		140	5700	11.94	13.50
		144	5720	12.34	14.00
	802.11n HT20	100	5500	11.91	13.00
		104	5520	12.24	13.50
		108	5540	12.22	13.50
		112	5560	12.16	13.50
		116	5580	12.20	13.50
		120	5600	12.36	13.50
		124	5620	12.46	13.50
		128	5640	12.41	13.50
		132	5660	12.31	13.50
		136	5680	12.23	13.50
		140	5700	12.14	13.50
		144	5720	11.58	13.50
	802.11n HT40	102	5510	10.04	11.00
		110	5550	9.98	11.00
		118	5590	10.00	11.00
		126	5630	10.16	11.00
		134	5670	9.80	11.00
	802.11ac VHT20	142	5710	10.03	11.00
		100	5500	9.93	11.00
		104	5520	9.79	11.00
		108	5540	9.96	11.00
		112	5560	10.01	11.00
		116	5580	9.69	11.00
		120	5600	9.78	11.00
		124	5620	9.84	11.00
		128	5640	9.71	11.00
		132	5660	9.96	11.00
		136	5680	9.74	11.00
		140	5700	9.82	11.00
	802.11ac VHT40	144	5720	9.95	11.00
		102	5510	9.82	11.00
		110	5550	9.93	11.00
		118	5590	9.98	11.00
		126	5630	9.90	11.00
	802.11ac VHT80	134	5670	9.84	11.00
		142	5710	9.93	11.00
		106	5530	9.45	11.00
		122	5610	9.70	11.00
			138	5690	9.94
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	12.29	14.00
		153	5765	12.13	14.00
		157	5785	12.19	14.00
		161	5805	12.16	14.00
		165	5825	12.23	14.00
	802.11n HT20	149	5745	11.57	13.50
		153	5765	11.57	13.50
		157	5785	11.69	13.50
		161	5805	11.54	13.50
		165	5825	11.57	13.50
	802.11n HT40	151	5755	9.95	11.00
		159	5795	9.62	11.00
	802.11ac VHT20	149	5745	9.73	11.00
		153	5765	9.55	11.00
		157	5785	9.34	11.00
		161	5805	9.23	11.00

		165	5825	9.19	11.00
	802.11ac	151	5755	9.80	11.00
	VHT40	159	5795	9.31	11.00
	802.11ac	155	5775	9.78	11.00
	VHT80				

2.3 Conducted Power of Bluetooth

BT Ant.3 Receiver ON&OFF		Average Conducted Power(dBm)					
Band	Channel	0	Tune up	39	Tune up	78	Tune up
BT	GFSK	13.22	14.00	14.12	15.00	14.88	15.50
	$\pi/4$ DQPSK	11.55	12.50	11.70	12.50	12.54	13.50
	8DPSK	11.58	12.50	11.69	12.50	12.55	13.50
Band	Channel	0	Tune up	19	Tune up	39	Tune up
BLE 1M	GFSK	-2.87	-1.00	-0.69	1.00	-1.11	-0.50
Band	Channel	1	Tune up	19	Tune up	38	Tune up
BLE 2M	GFSK	-3.11	-1.50	-1.00	0.50	-1.38	-0.50

- End of the Appendix -