

Appendix E

Conducted RF Output Power

1 Conducted Power

1.1 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.51	23.59	23.59	24.00
HSDPA	Subtest 1	23.57	23.58	23.51	24.00
	Subtest 2	22.58	22.60	22.50	23.00
	Subtest 3	22.62	22.61	22.51	23.00
	Subtest 4	22.68	22.53	22.62	23.00
HSUPA	Subtest 1	22.68	22.54	22.54	23.00
	Subtest 2	22.59	22.69	22.58	23.00
	Subtest 3	22.62	22.56	22.61	23.00
	Subtest 4	22.66	22.56	22.57	23.00
	Subtest 5	22.70	22.60	22.50	23.00
HSPA+	16QAM	22.69	22.55	22.64	23.00

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.46	23.45	23.49	24.00
HSDPA	Subtest 1	23.56	23.48	23.53	24.00
	Subtest 2	22.66	22.56	22.66	23.00
	Subtest 3	22.66	22.62	22.64	23.00
	Subtest 4	22.56	22.51	22.57	23.00
HSUPA	Subtest 1	22.65	22.58	22.60	23.00
	Subtest 2	22.57	22.65	22.54	23.00
	Subtest 3	22.61	22.58	22.61	23.00
	Subtest 4	22.69	22.68	22.63	23.00
	Subtest 5	22.60	22.64	22.61	23.00
HSPA+	16QAM	22.65	22.62	22.54	23.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.59	23.53	23.65	24.00
HSDPA	Subtest 1	22.58	22.61	22.69	24.00
	Subtest 2	22.65	22.61	22.56	23.00
	Subtest 3	22.63	22.58	22.55	23.00
	Subtest 4	22.52	22.58	22.69	23.00
HSUPA	Subtest 1	22.68	22.56	22.69	23.00
	Subtest 2	22.61	22.55	22.60	23.00
	Subtest 3	22.62	22.55	22.57	23.00
	Subtest 4	22.58	22.51	22.55	23.00
	Subtest 5	22.56	22.64	22.60	23.00
HSPA+	16QAM	22.65	22.52	22.51	23.00

1.2 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.74	22.09	22.08	23.00
		1	2	21.99	22.18	22.33	23.00
		1	5	21.92	22.28	22.32	23.00
		3	0	21.84	22.26	22.19	23.00
		3	2	21.93	22.02	22.11	23.00
		3	3	21.87	21.93	22.17	23.00
		6	0	20.91	21.10	21.20	22.00
	16QAM	1	0	20.91	21.48	21.39	22.00
		1	2	20.82	21.30	21.50	22.00
		1	5	21.00	21.28	21.47	22.00
		3	0	20.70	21.02	20.93	22.00
		3	2	20.78	21.02	21.02	22.00
		3	3	20.75	20.83	20.75	22.00
		6	0	19.86	20.08	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.08	22.33	22.38	23.00
		1	7	22.19	22.29	22.12	23.00
		1	14	21.91	22.26	22.10	23.00
		8	0	20.90	21.15	21.21	22.00
		8	4	20.82	21.08	21.04	22.00
		8	7	21.00	21.07	21.01	22.00
		15	0	20.93	21.13	21.08	22.00
	16QAM	1	0	21.15	21.31	21.17	22.00
		1	7	20.95	21.02	21.16	22.00
		1	14	21.05	21.06	20.96	22.00
		8	0	19.87	20.29	19.91	21.50
		8	4	20.06	20.12	20.06	21.50
		8	7	19.93	20.12	20.27	21.50
		15	0	20.00	19.82	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.80	21.91	22.24	23.00
		1	13	21.77	21.91	22.06	23.00
		1	24	21.74	22.06	22.08	23.00
		12	0	20.69	21.02	21.05	22.00
		12	6	20.79	20.93	21.05	22.00
		12	13	20.72	20.87	21.09	22.00
		25	0	20.65	20.96	21.14	22.00
	16QAM	1	0	20.63	21.04	21.25	22.00
		1	13	20.65	21.05	21.05	22.00
		1	24	20.60	20.99	20.94	22.00
		12	0	19.64	20.09	20.14	21.50
		12	6	19.74	20.05	20.14	21.50
		12	13	19.56	19.99	19.82	21.50
		25	0	19.51	19.90	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.54	21.76	22.00	23.00
		1	25	21.76	22.34	22.56	23.00
		1	49	21.86	21.68	22.10	23.00
		25	0	20.64	21.05	21.14	22.00
		25	13	20.65	20.86	21.15	22.00
		25	25	20.79	20.86	21.14	22.00
		50	0	20.67	20.91	21.11	22.00
	16QAM	1	0	20.70	20.66	20.85	22.00
		1	25	20.75	20.99	21.20	22.00
		1	49	20.73	20.59	21.10	22.00
		25	0	19.57	19.93	20.32	21.50

		25	13	19.67	19.94	20.04	21.50
		25	25	19.71	20.14	20.34	21.50
		50	0	19.51	19.90	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.57	21.57	21.74	23.00
		1	38	21.68	21.58	22.23	23.00
		1	74	21.58	21.55	22.01	23.00
		36	0	20.04	20.68	20.88	22.00
		36	18	20.65	20.85	21.13	22.00
		36	39	20.84	20.42	20.98	22.00
		75	0	20.56	20.88	21.02	22.00
	16QAM	1	0	20.63	20.67	20.89	22.00
		1	38	20.65	20.78	20.86	22.00
		1	74	20.66	20.78	20.96	22.00
		36	0	20.04	20.78	20.79	21.50
		36	18	20.65	20.79	21.05	21.50
		36	39	20.84	20.60	20.89	21.50
		75	0	19.69	19.90	20.10	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.85	22.04	21.74	23.00
		1	50	22.26	22.47	22.33	23.00
		1	99	22.04	21.63	22.13	23.00
		50	0	20.68	21.02	20.78	22.00
		50	25	20.77	20.93	20.97	22.00
		50	50	20.95	20.86	21.27	22.00
		100	0	20.79	21.01	20.92	22.00
	16QAM	1	0	20.78	21.39	20.71	22.00
		1	50	21.21	21.34	21.16	22.00
		1	99	20.90	21.29	20.99	22.00
		50	0	19.81	20.01	20.09	21.50
		50	25	19.71	20.02	20.10	21.50
		50	50	19.91	19.75	20.08	21.50
		100	0	19.84	19.96	20.00	21.50

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	21.63	21.80	21.65	22.50
		1	2	21.93	22.41	21.57	22.50
		1	5	21.72	22.21	21.98	22.50
		3	0	21.79	21.84	21.85	22.50
		3	2	21.71	21.75	21.69	22.50
		3	3	21.86	21.83	21.80	22.50
		6	0	21.00	20.87	20.85	21.50
	16QAM	1	0	20.67	20.72	20.74	22.00
		1	2	20.97	21.56	20.92	22.00
		1	5	20.96	21.19	21.10	22.00
		3	0	20.68	20.61	20.50	22.00
		3	2	20.90	20.69	20.50	22.00
		3	3	20.96	20.71	20.65	22.00
		6	0	19.59	19.60	19.95	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.58	21.76	21.52	22.50
		1	7	21.70	21.60	21.49	22.50
		1	14	21.58	21.67	21.70	22.50
		8	0	20.78	20.72	20.67	21.50
		8	4	20.70	20.73	20.69	21.50
		8	7	20.77	20.95	20.65	21.50
		15	0	20.79	20.69	20.75	21.50

	16QAM	1	0	20.76	20.61	20.46	22.00
		1	7	20.84	20.59	20.62	22.00
		1	14	20.54	20.53	20.64	22.00
		8	0	19.62	19.86	19.77	21.50
		8	4	19.84	19.94	19.78	21.50
		8	7	19.96	19.80	19.86	21.50
		15	0	19.82	19.54	19.85	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.53	21.84	21.74	22.50
		1	13	21.56	21.79	21.54	22.50
		1	24	21.56	21.99	21.78	22.50
		12	0	20.87	20.69	20.67	21.50
		12	6	20.71	20.69	20.61	21.50
		12	13	20.73	20.85	20.70	21.50
		25	0	20.67	20.73	20.69	21.50
	16QAM	1	0	20.78	20.62	20.65	22.00
		1	13	20.83	20.90	20.67	22.00
		1	24	20.77	20.88	20.83	22.00
		12	0	19.86	19.70	19.67	21.50
		12	6	19.52	19.89	19.68	21.50
		12	13	19.82	19.96	19.77	21.50
		25	0	19.93	19.74	19.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.71	22.16	21.55	22.50
		1	25	21.64	22.23	21.51	22.50
		1	49	21.85	21.60	21.92	22.50
		25	0	20.98	20.67	20.87	21.50
		25	13	20.81	20.67	20.77	21.50
		25	25	20.94	20.76	20.71	21.50
		50	0	20.82	20.71	20.67	21.50
	16QAM	1	0	20.90	21.03	20.73	22.00
		1	25	20.77	21.02	20.74	22.00
		1	49	20.80	20.59	21.13	22.00
		25	0	19.99	19.89	19.70	21.50
		25	13	19.91	19.89	19.80	21.50
		25	25	20.05	19.92	19.77	21.50
		50	0	19.92	19.76	19.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.85	21.77	21.95	22.50
		1	38	21.83	21.82	21.69	22.50
		1	74	21.68	21.74	21.69	22.50
		36	0	21.01	20.06	20.99	21.50
		36	18	20.99	20.71	20.75	21.50
		36	39	21.06	20.96	20.55	21.50
		75	0	21.08	20.87	20.87	21.50
	16QAM	1	0	21.03	20.86	21.00	22.00
		1	38	21.01	21.02	20.78	22.00
		1	74	21.05	20.86	20.99	22.00
		36	0	20.90	20.25	20.98	21.50
		36	18	21.09	20.88	20.76	21.50
		36	39	21.15	21.05	20.98	21.50
		75	0	20.00	19.84	19.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.52	21.79	21.57	22.50
		1	50	21.76	21.88	21.87	22.50
		1	99	22.02	21.75	21.63	22.50
		50	0	20.87	20.68	20.79	21.50
		50	25	20.80	20.57	20.69	21.50
		50	50	20.87	20.60	20.43	21.50

	16QAM	100	0	20.72	20.52	20.72	21.50
		1	0	20.41	21.22	20.73	22.00
		1	50	21.17	21.04	20.80	22.00
		1	99	20.90	21.10	20.72	22.00
		50	0	19.88	19.65	19.82	21.50
		50	25	19.89	19.65	19.72	21.50
		50	50	19.92	19.55	19.62	21.50
		100	0	19.80	19.57	19.59	21.50

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	22.67	22.66	22.68	23.00
		1	2	22.86	22.84	22.85	23.00
		1	5	22.60	22.83	22.89	23.00
		3	0	22.83	22.72	22.74	23.00
		3	2	22.66	22.72	22.84	23.00
		3	3	22.58	22.65	22.67	23.00
		6	0	21.78	21.79	21.77	22.00
	16QAM	1	0	21.78	21.53	21.65	22.50
		1	2	21.90	21.67	21.94	22.50
		1	5	22.03	21.84	21.88	22.50
		3	0	21.65	21.72	21.61	22.50
		3	2	21.55	21.63	21.51	22.50
		3	3	21.59	21.63	21.46	22.50
		6	0	20.84	20.71	20.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.91	22.55	22.57	23.00
		1	7	22.69	22.68	22.80	23.00
		1	14	22.75	22.87	22.78	23.00
		8	0	21.95	21.80	21.87	22.00
		8	4	21.85	21.70	21.80	22.00
		8	7	21.86	21.69	21.86	22.00
		15	0	21.92	21.72	21.83	22.00
	16QAM	1	0	22.02	21.55	21.81	22.50
		1	7	21.72	21.48	21.76	22.50
		1	14	21.95	21.82	21.71	22.50
		8	0	20.92	20.75	20.85	21.50
		8	4	20.95	20.55	20.85	21.50
		8	7	20.94	20.93	20.80	21.50
		15	0	20.99	20.58	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.83	22.76	22.42	23.00
		1	13	22.62	22.57	22.64	23.00
		1	24	22.78	22.77	22.61	23.00
		12	0	21.75	21.62	21.55	22.00
		12	6	21.74	21.61	21.49	22.00
		12	13	21.78	21.56	21.64	22.00
		25	0	21.64	21.57	21.50	22.00
	16QAM	1	0	21.70	21.59	21.60	22.50
		1	13	21.72	21.50	21.48	22.50
		1	24	21.68	21.52	21.66	22.50
		12	0	20.77	20.75	20.24	21.50
		12	6	20.86	20.73	20.54	21.50
		12	13	20.56	20.36	20.45	21.50
		25	0	20.87	20.61	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.78	22.50	22.54	23.00
		1	25	22.79	22.54	22.54	23.00

		1	49	22.78	22.61	22.65	23.00
		25	0	21.81	21.78	21.75	22.00
		25	13	21.72	21.67	21.67	22.00
		25	25	21.84	21.62	21.65	22.00
		50	0	21.73	21.69	21.64	22.00
	16QAM	1	0	21.72	21.48	21.70	22.50
		1	25	21.86	21.54	21.70	22.50
		1	49	21.42	21.43	21.76	22.50
		25	0	20.74	20.83	20.57	21.50
		25	13	20.85	20.63	20.70	21.50
		25	25	20.86	20.89	20.75	21.50
		50	0	20.77	20.63	20.76	21.50

LTE Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.44	22.38	22.78	23.00
		1	2	22.71	22.75	22.89	23.00
		1	5	22.68	22.39	23.00	23.00
		3	0	22.39	22.58	22.78	23.00
		3	2	22.27	22.57	22.79	23.00
		3	3	22.51	22.40	22.63	23.00
		6	0	21.45	21.62	21.78	22.00
	16QAM	1	0	21.47	21.51	21.83	22.50
		1	2	21.67	21.88	22.03	22.50
		1	5	21.54	21.66	22.00	22.50
		3	0	21.40	21.39	21.59	22.50
		3	2	21.20	21.19	21.47	22.50
		3	3	21.43	21.50	21.41	22.50
		6	0	20.53	20.60	20.85	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.69	22.67	22.87	23.00
		1	7	22.63	22.45	22.70	23.00
		1	14	22.77	22.37	22.94	23.00
		8	0	21.62	21.56	21.79	22.00
		8	4	21.70	21.60	21.94	22.00
		8	7	21.73	21.63	21.78	22.00
		15	0	21.75	21.57	21.82	22.00
	16QAM	1	0	21.53	21.74	21.75	22.50
		1	7	21.84	21.47	21.73	22.50
		1	14	21.78	21.56	21.88	22.50
		8	0	20.85	20.46	20.79	21.50
		8	4	20.59	20.72	20.79	21.50
		8	7	20.62	20.60	21.11	21.50
		15	0	20.84	20.56	20.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.47	22.43	22.63	23.00
		1	13	22.72	22.65	22.77	23.00
		1	24	22.81	22.26	22.65	23.00
		12	0	21.64	21.62	21.57	22.00
		12	6	21.63	21.56	21.59	22.00
		12	13	21.75	21.47	21.83	22.00
		25	0	21.63	21.60	21.59	22.00
	16QAM	1	0	21.50	21.53	21.41	22.50
		1	13	21.56	21.59	21.95	22.50
		1	24	21.64	21.58	21.52	22.50
		12	0	20.78	20.69	20.47	21.50
		12	6	20.60	20.60	20.48	21.50
		12	13	20.75	20.71	20.65	21.50
		25	0	20.79	20.65	20.69	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	22.47	22.27	22.13	23.00
		1	25	22.64	22.50	22.49	23.00
		1	49	22.34	22.36	22.67	23.00
		25	0	21.76	21.70	21.53	22.00
		25	13	21.69	21.72	21.54	22.00
		25	25	21.58	21.46	21.84	22.00
		50	0	21.60	21.52	21.57	22.00
	16QAM	1	0	21.51	21.29	21.50	22.50
		1	25	21.97	21.52	21.64	22.50
		1	49	21.63	21.31	21.76	22.50
		25	0	20.73	20.70	20.71	21.50
		25	13	20.54	20.78	20.59	21.50
		25	25	20.45	20.54	20.80	21.50
		50	0	20.56	20.61	20.72	21.50

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.61	22.62	22.64	23.50
		1	13	22.97	22.97	22.86	23.50
		1	24	22.52	22.82	22.78	23.50
		12	0	21.85	21.67	21.75	22.50
		12	6	21.85	21.67	21.76	22.50
		12	13	21.78	21.75	21.92	22.50
		25	0	21.73	21.73	21.72	22.50
	16QAM	1	0	21.70	21.84	21.63	22.50
		1	13	21.60	21.65	21.86	22.50
		1	24	21.62	21.96	21.78	22.50
		12	0	20.59	20.78	20.63	21.50
		12	6	20.76	20.86	20.63	21.50
		12	13	20.84	20.88	20.66	21.50
		25	0	20.80	20.66	20.92	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	23.50
		1	25	/	22.99	/	23.50
		1	49	/	22.70	/	23.50
		25	0	/	21.84	/	22.50
		25	13	/	21.83	/	22.50
		25	25	/	21.81	/	22.50
		50	0	/	21.91	/	22.50
	16QAM	1	0	/	21.77	/	22.50
		1	25	/	21.84	/	22.50
		1	49	/	22.02	/	22.50
		25	0	/	20.86	/	21.50
		25	13	/	20.86	/	21.50
		25	25	/	20.60	/	21.50
		50	0	/	20.66	/	21.50

LTE Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	22.66	22.79	22.95	23.50
		1	13	22.85	22.94	22.79	23.50
		1	24	22.62	22.79	22.66	23.50
		12	0	21.85	21.89	21.79	22.50
		12	6	21.86	21.79	21.80	22.50
		12	13	21.77	21.76	21.63	22.50
		25	0	21.85	21.79	21.66	22.50
	16QAM	1	0	21.82	21.78	22.00	22.50

		1	13	21.92	21.99	21.84	22.50
		1	24	21.72	21.76	21.63	22.50
		12	0	20.85	20.91	20.88	21.50
		12	6	20.79	20.80	20.81	21.50
		12	13	20.92	20.89	20.63	21.50
		25	0	20.81	20.83	20.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
10MHz	QPSK	1	0	/	22.75	/	23.50
		1	25	/	23.23	/	23.50
		1	49	/	22.59	/	23.50
		25	0	/	21.84	/	22.50
		25	13	/	21.80	/	22.50
		25	25	/	21.63	/	22.50
		50	0	/	21.73	/	22.50
	16QAM	1	0	/	21.83	/	22.50
		1	25	/	22.16	/	22.50
		1	49	/	21.70	/	22.50
		25	0	/	20.79	/	21.50
		25	13	/	20.85	/	21.50
		25	25	/	20.75	/	21.50
		50	0	/	20.77	/	21.50

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.02	21.51	21.06	22.50
		1	2	21.38	21.43	21.23	22.50
		1	5	21.06	21.41	21.28	22.50
		3	0	21.26	21.45	21.37	22.50
		3	1	21.19	21.35	21.14	22.50
		3	3	21.23	21.20	21.14	22.50
		6	0	20.28	20.36	20.34	21.50
	16QAM	1	0	20.17	20.63	20.33	21.50
		1	2	20.33	20.56	20.59	21.50
		1	5	20.23	20.33	20.41	21.50
		3	0	20.12	20.20	20.16	21.50
		3	1	20.19	20.23	20.12	21.50
		3	3	20.12	19.94	20.24	21.50
		6	0	19.34	19.23	19.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.10	21.45	21.10	22.50
		1	7	21.07	21.14	21.01	22.50
		1	14	21.13	21.16	21.08	22.50
		8	0	20.43	20.45	20.38	21.50
		8	4	20.43	20.45	20.27	21.50
		8	7	20.43	20.26	20.13	21.50
		15	0	20.40	20.31	20.35	21.50
	16QAM	1	0	19.99	20.37	20.33	21.50
		1	7	20.24	20.24	20.30	21.50
		1	14	20.15	20.37	20.34	21.50
		8	0	19.52	19.52	19.30	21.50
		8	4	19.52	19.52	19.38	21.50
		8	7	19.54	19.38	19.53	21.50
		15	0	19.51	19.39	19.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.16	21.29	21.22	22.50
		1	13	21.18	21.28	21.08	22.50
		1	24	21.18	21.20	21.21	22.50
		12	0	20.32	20.50	20.49	21.50

		12	6	20.31	20.35	20.43	21.50
		12	13	20.27	20.25	20.27	21.50
		25	0	20.36	20.33	20.46	21.50
	16QAM	1	0	20.47	20.35	20.47	21.50
		1	13	20.20	20.29	20.15	21.50
		1	24	20.35	20.31	20.55	21.50
		12	0	19.38	19.47	19.55	21.50
		12	6	19.38	19.37	19.39	21.50
		12	13	19.36	19.31	19.49	21.50
		25	0	19.56	19.40	19.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.00	21.29	21.21	22.50
		1	25	21.18	21.29	21.37	22.50
		1	49	21.13	21.03	21.04	22.50
		25	0	20.40	20.55	20.53	21.50
		25	13	20.26	20.45	20.52	21.50
		25	25	20.17	20.25	20.17	21.50
	16QAM	50	0	20.32	20.33	20.32	21.50
		1	0	20.17	20.36	20.31	21.50
		1	25	20.30	20.39	20.56	21.50
		1	49	20.35	20.16	20.05	21.50
		25	0	19.40	19.47	19.55	21.50
		25	13	19.40	19.56	19.45	21.50
		25	25	19.35	19.30	19.34	21.50
		50	0	19.23	19.57	19.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.01	21.18	21.33	22.50
		1	38	21.14	21.17	21.44	22.50
		1	74	21.14	21.22	21.11	22.50
		36	0	20.68	21.05	21.10	21.50
		36	18	20.37	21.11	21.34	21.50
		36	39	19.57	20.37	20.40	21.50
		75	0	20.29	20.51	20.50	21.50
	16QAM	1	0	20.22	20.20	20.65	21.50
		1	38	20.28	20.20	20.57	21.50
		1	74	20.49	20.82	20.54	21.50
		36	0	20.45	21.06	21.07	21.50
		36	18	20.17	20.35	21.35	21.50
		36	39	19.73	20.46	20.36	21.50
		75	0	19.32	19.50	19.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.10	21.67	21.27	22.50
		1	50	21.67	21.37	21.73	22.50
		1	99	21.27	21.36	21.15	22.50
		50	0	20.38	20.55	20.55	21.50
		50	25	20.39	20.54	20.55	21.50
		50	50	20.46	20.49	20.41	21.50
		100	0	20.39	20.49	20.44	21.50
	16QAM	1	0	20.20	20.58	20.51	21.50
		1	50	20.53	21.00	20.84	21.50
		1	99	20.45	21.05	20.39	21.50
		50	0	19.47	19.66	19.56	21.50
		50	25	19.36	19.66	19.62	21.50
		50	50	19.44	19.55	19.55	21.50
		100	0	19.50	19.60	19.40	21.50

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	22.45	22.41	22.51	23.50
		1	13	22.49	22.66	22.84	23.50
		1	24	22.60	22.75	22.74	23.50
		12	0	21.54	21.51	21.66	22.50
		12	6	21.62	21.50	21.67	22.50
		12	13	21.58	21.60	21.72	22.50
		25	0	21.58	21.54	21.62	22.50
	16QAM	1	0	21.51	21.51	21.55	22.50
		1	13	21.59	21.54	21.65	22.50
		1	24	21.60	21.54	21.64	22.50
		12	0	20.57	20.31	20.75	22.00
		12	6	20.56	20.52	20.67	22.00
		12	13	20.34	20.64	20.72	22.00
		25	0	20.71	20.68	20.52	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	22.36	22.26	22.69	23.50
		1	25	22.79	22.84	22.77	23.50
		1	49	22.41	22.43	22.65	23.50
		25	0	21.65	21.51	21.60	22.50
		25	13	21.64	21.59	21.61	22.50
		25	25	21.72	21.69	21.71	22.50
		50	0	21.63	21.55	21.67	22.50
	16QAM	1	0	21.51	21.65	22.14	22.50
		1	25	21.85	22.08	21.99	22.50
		1	49	21.98	21.84	21.69	22.50
		25	0	20.78	20.66	20.59	22.00
		25	13	20.58	20.73	20.79	22.00
		25	25	20.77	20.78	20.67	22.00
		50	0	20.74	20.43	20.80	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	22.37	22.20	22.42	23.50
		1	38	22.44	22.33	22.58	23.50
		1	74	22.27	22.37	22.84	23.50
		36	0	21.48	21.39	21.66	22.50
		36	18	21.58	21.44	21.67	22.50
		36	39	21.05	20.80	21.83	22.50
		75	0	21.56	21.46	21.77	22.50
	16QAM	1	0	21.51	21.37	21.70	22.50
		1	38	21.45	21.45	21.75	22.50
		1	74	21.60	21.67	21.83	22.50
		36	0	21.47	21.37	21.68	22.00
		36	18	21.62	21.46	21.69	22.00
		36	39	21.64	20.80	21.64	22.00
		75	0	20.60	20.52	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	22.35	22.28	22.27	23.50
		1	50	22.51	22.78	22.88	23.50
		1	99	22.35	22.16	22.46	23.50
		50	0	21.45	21.38	21.43	22.50
		50	25	21.44	21.31	21.37	22.50
		50	50	21.45	21.56	21.62	22.50
		100	0	21.56	21.43	21.57	22.50
	16QAM	1	0	21.29	21.12	21.75	22.50
		1	50	21.61	21.70	22.23	22.50
		1	99	21.31	21.35	22.06	22.50
		50	0	20.48	20.42	20.43	22.00
		50	25	20.48	20.43	20.33	22.00
		50	50	20.49	20.55	20.67	22.00
		100	0	20.58	20.50	20.52	22.00

1.3 Conducted Power of WIFI and BT

WIFI 2.4G ANT 1				
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
802.11b	1	2412	9.02	10.0
	6	2437	9.89	10.0
	11	2462	10.90	11.0
802.11g	1	2412	12.58	14.0
	6	2437	13.64	14.0
	11	2462	13.84	14.0
802.11n (HT20)	1	2412	11.84	13.0
	6	2437	11.94	13.0
	11	2462	12.75	13.0
802.11n (HT40)	3	2422	10.33	11.0
	6	2437	9.45	11.0
	9	2452	10.22	11.0
802.11ax (HT20)	1	2412	9.18	10.0
	6	2437	8.66	10.0
	11	2462	13.25	13.5
802.11ax (HT40)	3	2422	11.25	11.5
	6	2437	9.35	10.0
	9	2452	9.86	10.0

WIFI 2.4G ANT 2				
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
802.11b	1	2412	12.23	13.0
	6	2437	12.47	13.0
	11	2462	12.05	13.0
802.11g	1	2412	14.49	15.0
	6	2437	15.18	15.5
	11	2462	13.68	15.0
802.11n (HT20)	1	2412	11.47	13.0
	6	2437	12.40	13.0
	11	2462	13.25	13.5
802.11n (HT40)	3	2422	10.84	12.0
	6	2437	11.76	12.0
	9	2452	12.12	12.5
802.11ax (HT20)	1	2412	11.57	13.0
	6	2437	12.64	13.0
	11	2462	12.88	13.0
802.11ax (HT40)	3	2422	10.68	12.0
	6	2437	11.83	12.0
	9	2452	12.22	12.5

WIFI 2.4G MIMO				
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up (dBm)
802.11n (HT20)	1	2412	14.67	15.5
	6	2437	15.19	15.5
	11	2462	16.02	16.5
802.11n (HT40)	3	2422	13.60	14.5
	6	2437	13.77	14.5
	9	2452	14.28	14.5
802.11ax (HT20)	1	2412	13.55	14.5
	6	2437	14.10	14.5
	11	2462	16.08	16.5
802.11ax (HT40)	3	2422	13.98	14.5
	6	2437	13.77	14.5
	9	2452	14.21	14.5

WIFI 5G Ant1

WIFI 5G U-NII-1					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	36	5180	10.77	12.0
		40	5200	11.1	12.0
		48	5240	11.94	12.0
	802.11n	36	5180	10.47	12.0
		40	5200	10.94	12.0
		48	5240	12.35	12.5
	802.11ac	36	5180	11.49	12.5
		40	5200	12.07	12.5
		48	5240	12.55	13.0
	802.11ax	36	5180	11.85	12.5
		40	5200	12.31	12.5
		48	5240	12.79	13.0
40	802.11n	38	5190	11.51	12.5
		46	5230	12.16	12.5
	802.11ac	38	5190	11.68	12.5
		46	5230	12.49	12.5
	802.11ax	38	5190	11.82	12.5
		46	5230	12.53	13.0
80	802.11ac	42	5210	12.26	12.5
80	802.11ax	42	5210	12.2	12.5
160	802.11ac	50	5250	9.01	9.5
160	802.11ax	50	5250	8.95	9.5
WIFI 5G U-NII-2A					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	52	5260	9.8	10.5
		56	5280	10.17	10.5
		64	5320	9.59	10.5
	802.11n	52	5260	10.31	10.5
		56	5280	10.1	10.5
		64	5320	9.5	10.5
	802.11ac	52	5260	10.29	10.5
		56	5280	9.39	10.5
		64	5320	9.17	10.5
	802.11ax	52	5260	9.98	10.5
		56	5280	9.7	10.5
		64	5320	9.59	10.5
40	802.11n	54	5270	10.13	10.5
		62	5310	9.59	10.5
	802.11ac	54	5270	9.55	10.5
		62	5310	9.07	10.5
	802.11ax	54	5270	9.57	10.5
		62	5310	9.02	10.5
80	802.11ac	58	5290	9.18	10.5
80	802.11ax	58	5290	9.42	10.5
160	802.11ac	50	5250	8.33	9.5
160	802.11ax	50	5250	8.33	9.5
WIFI 5G U-NII-2C					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	100	5500	8.29	9.5
		120	5600	8.81	9.5
		140	5700	10.12	10.5
	802.11n	100	5500	8.11	9.5
		120	5600	8.64	9.5
		140	5700	10.16	10.5
	802.11ac	100	5500	8.04	9.5
		120	5600	8.96	9.5
		140	5700	10.2	10.5
	802.11ax	100	5500	8.23	9.5
		120	5600	8.94	9.5
		140	5700	10.34	10.5
40	802.11n	102	5510	7.92	9.5
		118	5590	8.5	9.5
		134	5670	9.99	10.5
	802.11ac	102	5510	8.07	9.5

	802.11ax	118	5590	8.48	9.5
		134	5670	10.1	10.5
		102	5510	7.87	9.5
		118	5590	8.28	9.5
		134	5670	9.91	10.5
80	802.11ac	106	5530	7.96	9.5
		122	5610	8.13	9.5
80	802.11ax	106	5530	7.98	9.5
		122	5610	8.23	9.5
160	802.11ac	114	5570	10.31	10.5
160	802.11ax	114	5570	10.22	10.5
WIFI 5G U-NII-3					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	149	5745	9.12	9.5
		157	5785	9.33	9.5
		165	5825	8.45	9.5
	802.11n	149	5745	8.8	9.5
		157	5785	9.09	9.5
		165	5825	8.34	9.5
	802.11ac	149	5745	8.93	9.0
		157	5785	8.67	9.0
		165	5825	8.00	9.0
	802.11ax	149	5745	8.52	9.0
		157	5785	8.65	9.0
		165	5825	7.93	9.0
40	802.11n	151	5755	8.75	9.0
		159	5795	8.67	9.0
	802.11ac	151	5755	8.36	9.0
		159	5795	8.48	9.0
	802.11ax	151	5755	8.24	9.0
		159	5795	8.35	9.0
80	802.11ac	155	5775	8.36	9.0
80	802.11ax	155	5775	8.45	9.0

WIFI 5G Ant2

WIFI 5G U-NII-1					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	36	5180	10.37	11.0
		40	5200	10.68	11.0
		48	5240	10.49	11.0
	802.11n	36	5180	11.89	12.5
		40	5200	11.98	12.5
		48	5240	11.48	12.5
	802.11ac	36	5180	10.19	11.0
		40	5200	10.69	11.0
		48	5240	10.44	11.0
	802.11ax	36	5180	10.15	11.0
		40	5200	10.79	11.0
		48	5240	10.62	11.0
40	802.11n	38	5190	10.80	11.0
		46	5230	10.48	11.0
	802.11ac	38	5190	10.46	11.0
		46	5230	10.58	11.0
	802.11ax	38	5190	9.87	11.0
		46	5230	10.19	11.0
80	802.11ac	42	5210	10.42	11.0
80	802.11ax	42	5210	10.16	11.0
160	802.11ac	50	5250	8.09	8.5
160	802.11ax	50	5250	8.11	8.5
WIFI 5G U-NII-2A					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	52	5260	11.46	12.0
		56	5280	11.21	12.0
		64	5320	10.83	12.0
	802.11n	52	5260	11.22	12.0
		56	5280	10.98	12.0
		64	5320	10.8	12.0

40	802.11ac	52	5260	11.3	12.0
		56	5280	11.03	12.0
		64	5320	10.81	12.0
	802.11ax	52	5260	12.48	12.5
		56	5280	12.22	12.5
		64	5320	12.46	12.5
	802.11n	54	5270	11.64	12.0
		62	5310	10.88	12.0
	802.11ac	54	5270	11.25	12.0
		62	5310	10.84	12.0
80	802.11ax	54	5270	12.15	12.5
		62	5310	12.13	12.5
80	802.11ac	58	5290	10.55	12.0
80	802.11ax	58	5290	11.90	12.0
160	802.11ac	50	5250	7.47	8.5
160	802.11ax	50	5250	7.52	8.5
WIFI 5G U-NII-2C					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	100	5500	9.92	11.0
		120	5600	10.14	11.0
		140	5700	13.01	13.5
	802.11n	100	5500	9.73	11.0
		120	5600	10.3	11.0
		140	5700	13.04	13.5
	802.11ac	100	5500	10.08	11.0
		120	5600	10.46	11.0
		140	5700	13.19	13.5
	802.11ax	100	5500	10.23	11.0
		120	5600	10.68	11.0
		140	5700	13.22	13.5
40	802.11n	102	5510	9.6	11.0
		118	5590	9.85	11.0
		134	5670	12.82	13.0
	802.11ac	102	5510	9.89	11.0
		118	5590	10.11	11.0
		134	5670	12.97	13.0
	802.11ax	102	5510	9.81	11.0
		118	5590	10.02	11.0
		134	5670	12.88	13.0
80	802.11ac	106	5530	9.04	11.0
		122	5610	9.56	11.0
80	802.11ax	106	5530	9.25	11.0
		122	5610	9.75	11.0
160	802.11ac	114	5570	10.07	11.0
160	802.11ax	114	5570	10.32	11.0
WIFI 5G U-NII-3					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11a	149	5745	10.74	11.0
		157	5785	9.93	11.0
		165	5825	8.97	10.5
	802.11n	149	5745	10.49	11.0
		157	5785	9.74	11.0
		165	5825	8.85	10.5
	802.11ac	149	5745	10.38	11.0
		157	5785	9.82	11.0
		165	5825	8.88	10.5
	802.11ax	149	5745	10.53	11.0
		157	5785	9.74	11.0
		165	5825	8.89	10.5
40	802.11n	151	5755	10.18	10.5
		159	5795	9.71	10.5
	802.11ac	151	5755	10.14	10.5
		159	5795	9.66	10.5
	802.11ax	151	5755	10.08	10.5
		159	5795	9.55	10.5
80	802.11ac	155	5775	9.97	10.5
80	802.11ax	155	5775	9.99	10.5

WIFI 5G MIMO

WIFI 5G U-NII-1					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11n	36	5180	14.25	15.0
		40	5200	14.50	15.0
		48	5240	14.95	15.0
	802.11ac	36	5180	13.90	15.0
		40	5200	14.44	15.0
		48	5240	14.63	15.0
	802.11ax	36	5180	14.09	15.0
		40	5200	14.63	15.0
		48	5240	14.85	15.0
40	802.11n	38	5190	14.18	14.5
		46	5230	14.41	14.5
	802.11ac	38	5190	14.12	15.0
		46	5230	14.65	15.0
	802.11ax	38	5190	13.96	15.0
		46	5230	14.53	15.0
80	802.11ac	42	5210	14.45	14.5
80	802.11ax	42	5210	14.31	14.5
160	802.11ac	50	5250	11.58	12.0
160	802.11ax	50	5250	11.56	12.0
WIFI 5G U-NII-2A					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11n	52	5260	13.80	14.0
		56	5280	13.57	14.0
		64	5320	13.21	14.0
	802.11ac	52	5260	13.83	14.0
		56	5280	13.30	14.0
		64	5320	13.08	14.0
	802.11ax	52	5260	14.42	14.5
		56	5280	14.15	14.5
		64	5320	14.27	14.5
40	802.11n	54	5270	13.96	14.0
		62	5310	13.29	14.0
	802.11ac	54	5270	13.49	14.0
		62	5310	13.05	14.0
	802.11ax	54	5270	14.06	14.5
		62	5310	13.86	14.5
80	802.11ac	58	5290	12.93	14.0
80	802.11ax	58	5290	13.84	14.0
160	802.11ac	50	5250	10.93	12.0
160	802.11ax	50	5250	10.95	12.0
WIFI 5G U-NII-2C					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11n	100	5500	12.01	13.0
		120	5600	12.56	13.0
		140	5700	14.84	15.0
	802.11ac	100	5500	12.19	13.0
		120	5600	12.78	13.0
		140	5700	14.96	15.0
	802.11ax	100	5500	12.35	13.0
		120	5600	12.91	13.0
		140	5700	15.02	15.5
40	802.11n	102	5510	11.85	13.0
		118	5590	12.24	13.0
		134	5670	14.64	15.0
	802.11ac	102	5510	12.08	13.0
		118	5590	12.38	13.0
		134	5670	14.78	15.0
	802.11ax	102	5510	11.96	13.0
		118	5590	12.25	13.0
		134	5670	14.65	15.0
80	802.11ac	106	5530	11.54	12.5
122		5610	11.91	12.5	
80	802.11ax	106	5530	11.67	12.5
122		5610	12.07	12.5	

160	802.11ac	114	5570	13.20	13.5
160	802.11ax	114	5570	13.28	13.5
WIFI 5G U-NII-3					
Bandwidth	Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune up(dBm)
20	802.11n	149	5745	12.74	13.0
		157	5785	12.44	13.0
		165	5825	11.61	13.0
	802.11ac	149	5745	12.73	13.0
		157	5785	12.29	13.0
		165	5825	11.47	13.0
	802.11ax	149	5745	12.65	13.0
		157	5785	12.24	13.0
		165	5825	11.45	13.0
40	802.11n	151	5755	12.53	13.0
		159	5795	12.23	13.0
	802.11ac	151	5755	12.35	12.5
		159	5795	12.12	12.5
	802.11ax	151	5755	12.27	12.5
		159	5795	12.00	12.5
80	802.11ac	155	5775	12.25	12.5
80	802.11ax	155	5775	12.30	12.5

WIFI 6G

Test Mode		Test Channel	Ant1		Ant2		MIMO	
			Average Power (dBm)	Tune up(dBm)	Average Power (dBm)	Tune up(dBm)	Average Power (dBm)	Tune up(dBm)
11ac20-MIMO	U-NII-5	5955	0.66	2.50	0.87	1.00	3.78	4.8
11ac20-MIMO	U-NII-5	6175	1.41	2.50	-0.39	1.00	3.61	4.8
11ac20-MIMO	U-NII-5	6415	2.01	2.50	0.16	1.00	4.19	4.8
11ac20-MIMO	U-NII-6	6435	2.93	3.00	0.46	1.00	4.88	5.1
11ac20-MIMO	U-NII-6	6475	0.61	1.00	-0.03	1.00	3.31	4.0
11ac20-MIMO	U-NII-6	6515	0.43	1.00	-0.41	1.00	3.04	4.0
11ac20-MIMO	U-NII-7	6535	-0.22	1.00	1.16	3.00	3.53	5.1
11ac20-MIMO	U-NII-7	6695	0.51	1.00	2.79	3.00	4.81	5.1
11ac20-MIMO	U-NII-7	6855	0.08	1.00	-0.57	1.00	2.78	4.0
11ac20-MIMO	U-NII-7	6875	0.04	1.00	-0.59	1.00	2.75	4.0
11ac20-MIMO	U-NII-8	6895	0.97	1.00	0.72	1.00	3.86	4.0
11ac20-MIMO	U-NII-8	6995	0.96	1.00	0.01	1.00	3.52	4.0
11ac20-MIMO	U-NII-8	7115	0.69	1.00	0.20	1.00	3.46	4.0
11ac40-MIMO	U-NII-5	5965	4.36	5.50	3.66	5.00	7.03	8.3
11ac40-MIMO	U-NII-5	6165	4.36	5.50	3.25	5.00	6.85	8.3
11ac40-MIMO	U-NII-5	6405	5.23	5.50	4.61	5.00	7.94	8.3
11ac40-MIMO	U-NII-6	6445	4.73	5.00	4.49	5.00	7.62	8.0
11ac40-MIMO	U-NII-6	6485	4.57	5.00	4.24	5.00	7.42	8.0
11ac40-MIMO	U-NII-6	6525	4.38	5.00	4.83	5.00	7.62	8.0
11ac40-MIMO	U-NII-7	6565	4.44	5.00	4.95	6.00	7.71	8.5
11ac40-MIMO	U-NII-7	6685	4.26	5.00	5.81	6.00	8.11	8.5
11ac40-MIMO	U-NII-7	6845	3.22	5.00	3.45	5.00	6.35	8.0
11ac40-MIMO	U-NII-8	6885	2.94	3.50	2.82	3.50	5.89	6.5
11ac40-MIMO	U-NII-8	6925	2.92	3.50	3.13	3.50	6.04	6.5
11ac40-MIMO	U-NII-8	6965	2.77	3.50	2.98	3.50	5.89	6.5
11ac40-MIMO	U-NII-8	7085	2.89	3.50	3.09	3.50	6.00	6.5
11ac80-MIMO	U-NII-5	5985	7.67	8.00	7.31	8.00	10.50	11.0
11ac80-MIMO	U-NII-5	6145	7.72	8.00	6.94	8.00	10.36	11.0
11ac80-MIMO	U-NII-5	6385	7.81	8.00	6.66	8.00	10.28	11.0
11ac80-MIMO	U-NII-6	6465	8.87	9.50	9.10	9.50	12.00	12.5
11ac80-MIMO	U-NII-7	6545	7.56	8.00	8.16	9.50	10.88	11.8
11ac80-MIMO	U-NII-7	6625	7.66	8.00	9.10	9.50	11.45	11.8
11ac80-MIMO	U-NII-7	6705	7.42	8.00	9.33	9.50	11.49	11.8
11ac80-MIMO	U-NII-7	6785	6.74	8.00	7.87	8.00	10.35	11.0
11ac80-MIMO	U-NII-7	6865	6.29	8.00	6.52	8.00	9.42	11.0
11ac80-MIMO	U-NII-8	6945	7.38	8.00	7.56	8.00	10.48	11.0
11ac80-MIMO	U-NII-8	7025	7.42	8.00	7.13	8.00	10.29	11.0
11ac160-MIMO	U-NII-5	6025	7.85	8.50	7.09	7.50	10.50	11.0
11ac160-MIMO	U-NII-5	6185	7.70	8.50	6.97	7.50	10.36	11.0
11ac160-MIMO	U-NII-5	6345	8.22	8.50	7.14	7.50	10.72	11.0
11ac160-MIMO	U-NII-6	6505	9.32	10.00	9.67	10.00	12.51	13.0

11ac160-MIMO	U-NII-7	6665	7.72	8.00	8.05	9.50	10.90	11.8
11ac160-MIMO	U-NII-7	6825	6.79	8.00	7.23	8.00	10.03	11.0
11ac160-MIMO	U-NII-8	6985	7.63	8.00	7.52	8.00	10.59	11.0
11ax20-MIMO	U-NII-5	5955	0.69	1.00	0.91	1.00	3.81	4.0
11ax20-MIMO	U-NII-5	6175	1.36	2.50	-0.38	1.00	3.59	4.8
11ax20-MIMO	U-NII-5	6415	2.05	2.50	0.21	1.00	4.24	4.8
11ax20-MIMO	U-NII-6	6435	2.90	3.00	0.44	1.00	4.85	5.1
11ax20-MIMO	U-NII-6	6475	0.66	1.00	0.05	1.00	3.38	4.0
11ax20-MIMO	U-NII-6	6515	0.52	1.00	-0.39	1.00	3.10	4.0
11ax20-MIMO	U-NII-7	6535	-0.26	1.00	1.15	3.00	3.51	5.1
11ax20-MIMO	U-NII-7	6695	0.48	1.00	2.80	3.00	4.80	5.1
11ax20-MIMO	U-NII-7	6855	0.09	1.00	-0.52	1.00	2.81	4.0
11ax20-MIMO	U-NII-7	6875	0.01	1.00	-0.55	1.00	2.75	4.0
11ax20-MIMO	U-NII-8	6895	0.97	1.00	0.75	1.00	3.87	4.0
11ax20-MIMO	U-NII-8	6995	0.94	1.00	-0.02	1.00	3.50	4.0
11ax20-MIMO	U-NII-8	7115	0.73	1.00	0.15	1.00	3.46	4.0
11ax40-MIMO	U-NII-5	5965	4.18	5.50	3.54	5.00	6.88	8.3
11ax40-MIMO	U-NII-5	6165	4.19	5.50	3.26	5.00	6.76	8.3
11ax40-MIMO	U-NII-5	6405	5.16	5.50	4.47	5.00	7.84	8.3
11ax40-MIMO	U-NII-6	6445	4.56	5.00	4.36	5.00	7.47	8.0
11ax40-MIMO	U-NII-6	6485	4.47	5.00	4.16	5.00	7.33	8.0
11ax40-MIMO	U-NII-6	6525	4.31	5.00	4.83	5.00	7.59	8.0
11ax40-MIMO	U-NII-7	6565	4.32	5.00	4.93	6.00	7.65	8.5
11ax40-MIMO	U-NII-7	6685	4.15	5.00	5.75	6.00	8.03	8.5
11ax40-MIMO	U-NII-7	6845	3.07	5.00	3.36	5.00	6.23	8.0
11ax40-MIMO	U-NII-8	6885	2.84	3.50	2.71	3.50	5.79	6.5
11ax40-MIMO	U-NII-8	6925	2.67	3.50	2.98	3.50	5.84	6.5
11ax40-MIMO	U-NII-8	6965	2.55	3.50	2.91	3.50	5.74	6.5
11ax40-MIMO	U-NII-8	7085	2.72	3.50	2.92	3.50	5.83	6.5
11ax80-MIMO	U-NII-5	5985	7.86	8.00	7.36	8.00	10.63	11.0
11ax80-MIMO	U-NII-5	6145	7.72	8.00	7.05	8.00	10.41	11.0
11ax80-MIMO	U-NII-5	6385	7.99	8.00	6.75	8.00	10.42	11.0
11ax80-MIMO	U-NII-6	6465	8.91	9.50	9.14	9.50	12.04	12.5
11ax80-MIMO	U-NII-7	6545	7.63	8.00	8.29	9.50	10.98	11.8
11ax80-MIMO	U-NII-7	6625	7.74	8.00	9.17	9.50	11.52	11.8
11ax80-MIMO	U-NII-7	6705	7.46	8.00	9.44	9.50	11.57	11.8
11ax80-MIMO	U-NII-7	6785	6.81	8.00	7.94	8.00	10.42	11.0
11ax80-MIMO	U-NII-7	6865	6.37	8.00	6.61	8.00	9.50	11.0
11ax80-MIMO	U-NII-8	6945	7.45	8.00	7.64	8.00	10.56	11.0
11ax80-MIMO	U-NII-8	7025	7.54	8.00	7.23	8.00	10.40	11.0
11ax160-MIMO	U-NII-5	6025	7.48	8.50	6.55	7.50	10.05	11.0
11ax160-MIMO	U-NII-5	6185	7.64	8.50	6.22	7.50	10.00	11.0
11ax160-MIMO	U-NII-5	6345	7.51	8.50	6.29	7.50	9.95	11.0
11ax160-MIMO	U-NII-6	6505	8.62	10.00	9.02	10.00	11.83	13.0
11ax160-MIMO	U-NII-7	6665	6.29	8.00	6.55	8.00	9.43	11.0
11ax160-MIMO	U-NII-7	6825	6.14	8.00	6.47	8.00	9.32	11.0
11ax160-MIMO	U-NII-8	6985	7.31	8.00	7.11	8.00	10.22	11.0

BT Band		Channel	Average Conducted Power(dBm)	Tune up (dBm)
BT	GFSK	0/2402	5.21	6.0
		39/2441	5.10	6.0
		78/2480	6.39	6.5
	$\pi/4$ DQPSK	0/2402	3.83	5.0
		39/2441	4.28	5.0
		78/2480	4.05	5.0
	8DPSK	0/2402	4.32	5.5
		39/2441	5.04	5.5
		78/2480	3.70	5.5
BLE	GFSK	0/2402	-6.63	-4.5
		19/2440	-5.05	-4.5
		39/2480	-4.91	-4.5