

Appendix E

Conducted RF Output Power



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1 Conducted Power of Legacy

1.1 Conducted Power of Legacy

LTE Band 2 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.21	23.36	23.26	23.50
		1	2	23.22	23.38	23.35	23.50
		1	5	23.17	23.37	23.30	23.50
		3	0	23.35	23.36	23.40	23.50
		3	2	23.37	23.41	23.46	23.50
		3	3	23.33	23.37	23.36	23.50
		6	0	22.20	22.34	22.33	23.50
	16QAM	1	0	22.24	22.32	22.33	23.00
		1	2	22.27	22.44	22.38	23.00
		1	5	22.28	22.39	22.32	23.00
		3	0	22.53	22.48	22.56	23.00
		3	2	22.57	22.49	22.66	23.00
		3	3	22.66	22.47	22.61	23.00
	64QAM	6	0	21.38	21.26	21.42	23.00
		1	0	21.45	21.23	21.66	22.00
		1	2	21.54	21.25	21.79	22.00
		1	5	21.48	21.22	21.68	22.00
		3	0	21.67	21.42	21.64	22.00
		3	2	21.75	21.44	21.73	22.00
3MHz	QPSK	3	3	21.68	21.40	21.62	22.00
		6	0	20.63	20.45	20.40	22.00
	16QAM	1	0	20.63	20.45	20.40	22.00
		1	7	23.31	23.39	23.41	23.50
		1	7	23.44	23.46	23.46	23.50
		1	14	23.35	23.37	23.37	23.50
	64QAM	8	0	22.37	22.42	22.39	23.00
		8	4	22.43	22.46	22.43	23.00
		8	7	22.38	22.43	22.40	23.00
		15	0	22.40	22.41	22.43	23.00
	16QAM	1	0	22.90	22.55	22.43	23.00
		1	7	22.98	22.66	22.47	23.00
		1	14	22.93	22.56	22.40	23.00
		8	0	21.60	21.42	21.47	22.50
		8	4	21.63	21.47	21.54	22.50
		8	7	21.63	21.43	21.49	22.50
5MHz	QPSK	15	0	21.55	21.41	21.48	22.50
		1	0	21.65	21.48	21.30	22.50
		1	7	21.77	21.57	21.36	22.50
		1	14	21.67	21.50	21.26	22.50
		8	0	20.60	20.36	20.43	21.50
		8	4	20.64	20.40	20.49	21.50
	16QAM	8	7	20.60	20.38	20.47	21.50
		15	0	20.47	20.65	20.48	21.50
	64QAM	1	0	20.47	20.65	20.48	21.50
		1	13	23.42	23.43	23.42	23.50
		1	24	23.38	23.41	23.36	23.50
		12	0	22.43	22.42	22.42	23.00
		12	6	22.44	22.43	22.43	23.00



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	16QAM	12	13	22.44	22.43	22.42	23.00
		25	0	22.42	22.42	22.44	23.00
		1	0	22.26	22.66	22.44	23.00
		1	13	22.38	22.70	22.51	23.00
		1	24	22.34	22.63	22.47	23.00
		12	0	21.49	21.52	21.44	22.50
		12	6	21.53	21.54	21.45	22.50
		12	13	21.47	21.49	21.43	22.50
	64QAM	25	0	21.53	21.43	21.48	22.50
		1	0	21.43	21.58	21.53	22.50
		1	13	21.46	21.64	21.62	22.50
		1	24	21.42	21.56	21.53	22.50
		12	0	20.46	20.53	20.61	21.50
		12	6	20.48	20.53	20.61	21.50
		12	13	20.49	20.50	20.61	21.50
		25	0	20.51	20.55	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.36	23.39	23.39	23.50
		1	25	23.37	23.38	23.36	23.50
		1	49	23.41	23.34	23.41	23.50
		25	0	22.44	22.43	22.40	23.00
		25	13	22.51	22.48	22.45	23.00
		25	25	22.47	22.44	22.44	23.00
		50	0	22.49	22.47	22.41	23.00
		1	0	22.98	22.57	22.37	23.00
	16QAM	1	25	22.99	22.58	22.39	23.00
		1	49	22.98	22.56	22.42	23.00
		25	0	21.55	21.52	21.55	22.50
		25	13	21.60	21.52	21.56	22.50
		25	25	21.57	21.46	21.54	22.50
		50	0	21.51	21.47	21.46	22.50
		1	0	21.66	21.56	21.25	22.50
		1	25	21.67	21.53	21.23	22.50
	64QAM	1	49	21.73	21.65	21.19	22.50
		25	0	20.52	20.54	20.57	21.50
		25	13	20.61	20.54	20.58	21.50
		25	25	20.57	20.52	20.55	21.50
		50	0	20.61	20.55	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.40	23.46	23.31	23.50
		1	38	23.43	23.40	23.37	23.50
		1	74	23.41	23.35	23.33	23.50
		36	0	22.47	22.55	22.37	23.00
		36	18	22.53	22.54	22.49	23.00
		36	39	22.51	22.48	22.45	23.00
		75	0	22.51	22.53	22.41	23.00
		1	0	23.00	22.64	22.70	23.00
	16QAM	1	38	22.89	22.58	22.67	23.00
		1	74	22.91	22.53	22.69	23.00
		36	0	21.55	21.54	21.37	22.50
		36	18	21.60	21.57	21.42	22.50
		36	39	21.58	21.50	21.43	22.50
		75	0	21.52	21.52	21.40	22.50
		1	0	21.71	21.56	21.61	22.50
		1	38	21.77	21.49	21.61	22.50
	64QAM	1	74	21.71	21.47	21.66	22.50
		36	0	20.55	20.58	20.34	21.50
		36	18	20.62	20.60	20.42	21.50
		36	39	20.60	20.51	20.41	21.50



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Bandwidth	Modulation	75	0	20.60	20.52	20.43	21.50
		RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.37	23.43	23.35	23.50
		1	50	23.44	23.45	23.36	23.50
		1	99	23.40	23.37	23.29	23.50
		50	0	22.48	22.52	22.46	23.00
		50	25	22.42	22.51	22.43	23.00
		50	50	22.36	22.40	22.39	23.00
		100	0	22.45	22.51	22.48	23.00
	16QAM	1	0	22.69	22.68	22.96	23.00
		1	50	22.75	22.63	22.81	23.00
		1	99	22.68	22.57	22.88	23.00
		50	0	21.55	21.52	21.52	22.50
		50	25	21.57	21.52	21.46	22.50
		50	50	21.58	21.51	21.47	22.50
		100	0	21.55	21.54	21.49	22.50
	64QAM	1	0	21.64	21.78	21.31	22.50
		1	50	21.71	21.72	21.19	22.50
		1	99	21.60	21.72	21.23	22.50
		50	0	20.63	20.56	20.53	21.50
		50	25	20.69	20.57	20.50	21.50
		50	50	20.62	20.54	20.49	21.50
		100	0	20.61	20.52	20.55	21.50

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.24	18.32	18.31	18.50
		1	2	18.11	18.33	18.32	18.50
		1	5	18.29	18.29	18.17	18.50
		3	0	18.33	18.34	18.37	18.50
		3	2	18.37	18.37	18.35	18.50
		3	3	18.37	18.29	18.45	18.50
		6	0	17.31	17.35	17.31	18.50
	16QAM	1	0	17.19	17.33	17.34	18.00
		1	2	17.18	17.31	17.31	18.00
		1	5	17.36	17.50	17.41	18.00
		3	0	17.61	17.57	17.61	18.00
		3	2	17.54	17.62	17.61	18.00
		3	3	17.69	17.47	17.60	18.00
		6	0	16.37	16.36	16.49	18.00
	64QAM	1	0	16.54	16.24	16.57	17.00
		1	2	16.63	16.12	16.80	17.00
		1	5	16.51	16.25	16.70	17.00
		3	0	16.75	16.47	16.68	17.00
		3	2	16.68	16.46	16.77	17.00
		3	3	16.59	16.43	16.62	17.00
		6	0	15.56	15.38	15.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.20	18.26	18.35	18.50
		1	7	18.35	18.24	18.44	18.50
		1	14	18.32	18.44	18.37	18.50
		8	0	17.40	17.32	17.31	18.00
		8	4	17.38	17.54	17.33	18.00
		8	7	17.48	17.51	17.38	18.00
		15	0	17.48	17.38	17.36	18.00
	16QAM	1	0	17.90	17.56	17.32	18.00



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		1	7	17.94	17.69	17.37	18.00
		1	14	17.81	17.53	17.47	18.00
		8	0	16.68	16.31	16.39	17.50
		8	4	16.62	16.50	16.54	17.50
		8	7	16.56	16.45	16.59	17.50
		15	0	16.46	16.53	16.36	17.50
	64QAM	1	0	16.74	16.42	16.43	17.50
		1	7	16.64	16.68	16.39	17.50
		1	14	16.79	16.46	16.21	17.50
		8	0	15.49	15.45	15.32	16.50
		8	4	15.62	15.53	15.43	16.50
		8	7	15.62	15.26	15.40	16.50
		15	0	15.57	15.74	15.57	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.30	18.41	18.33	18.50
		1	13	18.13	18.45	18.44	18.50
		1	24	18.41	18.29	18.44	18.50
		12	0	17.49	17.52	17.54	18.00
		12	6	17.37	17.51	17.49	18.00
		12	13	17.35	17.47	17.29	18.00
		25	0	17.41	17.33	17.32	18.00
	16QAM	1	0	17.27	17.73	17.57	18.00
		1	13	17.45	17.83	17.41	18.00
		1	24	17.29	17.55	17.36	18.00
		12	0	16.59	16.56	16.39	17.50
		12	6	16.62	16.67	16.56	17.50
		12	13	16.57	16.43	16.50	17.50
		25	0	16.57	16.38	16.58	17.50
	64QAM	1	0	16.41	16.59	16.46	17.50
		1	13	16.43	16.76	16.75	17.50
		1	24	16.45	16.61	16.58	17.50
		12	0	15.58	15.50	15.51	16.50
		12	6	15.38	15.62	15.65	16.50
		12	13	15.59	15.40	15.63	16.50
		25	0	15.44	15.47	15.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.46	18.37	18.38	18.50
		1	25	18.37	18.43	18.40	18.50
		1	49	18.42	18.36	18.44	18.50
		25	0	17.40	17.30	17.43	18.00
		25	13	17.61	17.52	17.47	18.00
		25	25	17.44	17.40	17.56	18.00
		50	0	17.40	17.44	17.52	18.00
	16QAM	1	0	17.86	17.59	17.25	18.00
		1	25	17.46	17.68	17.31	18.00
		1	49	17.49	17.69	17.42	18.00
		25	0	16.53	16.39	16.42	17.50
		25	13	16.69	16.65	16.47	17.50
		25	25	16.54	16.59	16.60	17.50
		50	0	16.58	16.39	16.37	17.50
	64QAM	1	0	16.64	16.43	16.25	17.50
		1	25	16.58	16.61	16.14	17.50
		1	49	16.83	16.60	16.19	17.50
		25	0	15.49	15.53	15.57	16.50
		25	13	15.73	15.62	15.50	16.50
		25	25	15.45	15.47	15.58	16.50
		50	0	15.69	15.61	15.62	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	



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15MHz	QPSK	1	0	18.33	18.33	18.38	18.50
		1	38	18.39	18.39	18.32	18.50
		1	74	18.34	18.46	18.29	18.50
		36	0	17.39	17.65	17.43	18.00
		36	18	17.60	17.49	17.56	18.00
		36	39	17.39	17.41	17.42	18.00
		75	0	17.56	17.61	17.39	18.00
	16QAM	1	0	17.41	17.57	17.70	18.00
		1	38	17.88	17.62	17.72	18.00
		1	74	17.59	17.62	17.79	18.00
		36	0	16.48	16.67	16.33	17.50
		36	18	16.72	16.55	16.46	17.50
		36	39	16.58	16.46	16.32	17.50
		75	0	16.56	16.63	16.33	17.50
	64QAM	1	0	16.63	16.52	16.71	17.50
		1	38	16.83	16.60	16.63	17.50
		1	74	16.71	16.51	16.72	17.50
		36	0	15.43	15.46	15.38	16.50
		36	18	15.70	15.69	15.35	16.50
		36	39	15.65	15.50	15.47	16.50
		75	0	15.49	15.47	15.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.28	18.35	18.31	18.50
		1	50	18.34	18.44	18.42	18.50
		1	99	18.32	18.27	18.39	18.50
		50	0	17.46	17.55	17.37	18.00
		50	25	17.38	17.41	17.35	18.00
		50	50	17.32	17.30	17.27	18.00
		100	0	17.34	17.39	17.33	18.00
	16QAM	1	0	17.80	17.81	17.64	18.00
		1	50	17.75	17.56	17.93	18.00
		1	99	17.63	17.67	17.85	18.00
		50	0	16.57	16.47	16.39	17.50
		50	25	16.55	16.51	16.39	17.50
		50	50	16.55	16.58	16.57	17.50
		100	0	16.47	16.56	16.44	17.50
	64QAM	1	0	16.70	16.80	16.26	17.50
		1	50	16.68	16.70	16.12	17.50
		1	99	16.55	16.74	16.28	17.50
		50	0	15.50	15.49	15.65	16.50
		50	25	15.65	15.45	15.37	16.50
		50	50	15.53	15.56	15.49	16.50
		100	0	15.51	15.60	15.21	16.50

LTE Band 4 Sensor 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	23.45	23.36	23.50
		1	2	23.35	23.26	23.49	23.50
		1	5	23.29	23.47	23.26	23.50
		3	0	23.45	23.46	23.48	23.50
		3	2	23.42	23.45	23.49	23.50
		3	3	23.43	23.46	23.45	23.50
		6	0	22.31	22.48	22.55	23.50
	16QAM	1	0	22.39	22.63	22.60	23.00
		1	2	22.43	22.74	22.66	23.00
		1	5	22.39	22.67	22.62	23.00
		3	0	22.69	22.59	22.73	23.00



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	64QAM	3	2	22.76	22.64	22.77	23.00
		3	3	22.69	22.60	22.71	23.00
		6	0	21.42	21.54	21.50	23.00
		1	0	21.78	21.60	21.48	22.00
		1	2	21.87	21.70	21.51	22.00
		1	5	21.78	21.63	21.49	22.00
		3	0	21.70	21.84	21.64	22.00
		3	2	21.79	21.88	21.72	22.00
		3	3	21.70	21.85	21.66	22.00
		6	0	20.45	20.79	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.43	23.36	23.42	23.50
		1	7	23.41	23.47	23.47	23.50
		1	14	23.39	23.43	23.47	23.50
		8	0	22.44	22.56	22.60	23.00
		8	4	22.49	22.64	22.66	23.00
		8	7	22.43	22.57	22.65	23.00
	16QAM	15	0	22.45	22.60	22.67	23.00
		1	0	22.51	22.75	22.81	23.00
		1	7	22.58	22.69	22.93	23.00
		1	14	22.45	22.85	22.78	23.00
		8	0	21.54	21.76	21.67	22.50
		8	4	21.61	21.82	21.74	22.50
	64QAM	8	7	21.53	21.79	21.65	22.50
		15	0	21.61	21.69	21.68	22.50
		1	0	21.36	21.80	21.73	22.50
		1	7	21.41	21.90	21.83	22.50
		1	14	21.33	21.85	21.73	22.50
		8	0	20.59	20.78	20.59	21.50
5MHz	QPSK	8	4	20.60	20.82	20.66	21.50
		8	7	20.49	20.80	20.58	21.50
		15	0	20.56	20.66	20.86	21.50
	16QAM	1	0	22.35	22.78	22.73	23.00
		1	13	22.40	22.94	22.81	23.00
		1	24	22.32	22.88	22.71	23.00
	64QAM	12	0	21.56	21.70	21.72	22.50
		12	6	21.57	21.71	21.74	22.50
		12	13	21.54	21.73	21.71	22.50
		25	0	21.60	21.70	21.75	22.50
	QPSK	1	0	21.43	21.72	21.84	22.50
		1	13	21.49	21.86	21.92	22.50
		1	24	21.43	21.82	21.80	22.50
		12	0	20.52	20.66	20.87	21.50
		12	6	20.54	20.73	20.90	21.50
		12	13	20.52	20.70	20.86	21.50
10MHz	QPSK	25	0	20.61	20.72	20.73	21.50
		1	0	23.38	23.36	23.41	23.50
		1	25	23.38	23.41	23.45	23.50
		1	49	23.38	23.46	23.42	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	



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		25	0	22.52	22.61	22.67	23.00
		25	13	22.49	22.65	22.69	23.00
		25	25	22.50	22.68	22.68	23.00
		50	0	22.45	22.61	22.67	23.00
	16QAM	1	0	22.76	22.64	22.67	23.00
		1	25	22.97	22.75	22.67	23.00
		1	49	22.92	22.79	22.65	23.00
		25	0	21.64	21.64	21.82	22.50
		25	13	21.64	21.76	21.86	22.50
		25	25	21.57	21.73	21.86	22.50
		50	0	21.58	21.73	21.79	22.50
		50	0	21.58	21.73	21.79	22.50
	64QAM	1	0	21.75	21.56	21.51	22.50
		1	25	21.70	21.68	21.55	22.50
		1	49	21.68	21.74	21.49	22.50
		25	0	20.60	20.72	20.80	21.50
		25	13	20.62	20.83	20.85	21.50
		25	25	20.56	20.80	20.85	21.50
		50	0	20.60	20.76	20.81	21.50
		50	0	20.60	20.76	20.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.36	23.42	23.44	23.50
		1	38	23.35	23.26	23.42	23.50
		1	74	23.38	23.42	23.44	23.50
		36	0	22.43	22.56	22.73	23.00
		36	18	22.50	22.66	22.66	23.00
		36	39	22.55	22.68	22.73	23.00
		75	0	22.55	22.64	22.79	23.00
	16QAM	1	0	22.69	22.62	22.78	23.00
		1	38	22.97	22.75	22.95	23.00
		1	74	22.91	22.83	22.87	23.00
		36	0	21.53	21.56	21.68	22.50
		36	18	21.54	21.66	21.73	22.50
		36	39	21.55	21.74	21.72	22.50
		75	0	21.50	21.65	21.83	22.50
	64QAM	1	0	21.69	21.50	21.98	22.50
		1	38	21.71	21.65	21.96	22.50
		1	74	21.64	21.73	21.91	22.50
		36	0	20.53	20.61	20.74	21.50
		36	18	20.56	20.70	20.70	21.50
		36	39	20.54	20.77	20.69	21.50
		75	0	20.52	20.65	20.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.38	/	23.50
		1	50	/	23.33	/	23.50
		1	99	/	23.29	/	23.50
		50	0	/	22.72	/	23.00
		50	25	/	22.67	/	23.00
		50	50	/	22.66	/	23.00
		100	0	/	22.62	/	23.00
	16QAM	1	0	/	22.56	/	23.00
		1	50	/	22.78	/	23.00
		1	99	/	22.86	/	23.00
		50	0	/	21.55	/	22.50
		50	25	/	21.67	/	22.50
		50	50	/	21.76	/	22.50
		100	0	/	21.64	/	22.50
	64QAM	1	0	/	21.69	/	22.50
		1	50	/	21.89	/	22.50
		1	99	/	22.00	/	22.50
		50	0	/	20.60	/	21.50
		50	0	/	20.60	/	21.50



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		50	25	/	20.69	/	21.50
		50	50	/	20.79	/	21.50
		100	0	/	20.64	/	21.50

LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	19957	20175	20393	20.50
		1	2	20.36	20.33	20.35	20.50
		1	5	20.46	20.32	20.41	20.50
		3	0	20.42	20.40	20.33	20.50
		3	2	20.36	20.31	20.48	20.50
		3	3	20.48	20.47	20.37	20.50
	16QAM	3	0	20.46	20.34	20.21	20.50
		6	0	19.28	19.53	19.43	20.50
		1	0	19.38	19.70	19.64	20.00
		1	2	19.45	19.74	19.70	20.00
		1	5	19.40	19.55	19.70	20.00
		3	0	19.64	19.68	19.62	20.00
	64QAM	3	2	19.76	19.67	19.66	20.00
		3	3	19.68	19.49	19.79	20.00
		6	0	18.46	18.55	18.40	20.00
		1	0	18.74	18.65	18.45	19.00
		1	2	18.81	18.74	18.38	19.00
		1	5	18.67	18.55	18.55	19.00
3MHz	QPSK	3	0	18.64	18.78	18.58	19.00
		3	2	18.81	18.79	18.82	19.00
		3	3	18.60	18.88	18.68	19.00
		6	0	17.49	17.92	17.77	19.00
	16QAM	1	0	20.42	20.32	20.37	20.50
		1	7	20.35	20.47	20.41	20.50
		1	14	20.47	20.32	20.43	20.50
		8	0	19.38	19.69	19.60	20.00
		8	4	19.57	19.74	19.67	20.00
		8	7	19.41	19.57	19.70	20.00
	64QAM	15	0	19.40	19.48	19.76	20.00
		1	0	19.51	19.69	19.69	20.00
		1	7	19.49	19.74	19.95	20.00
		1	14	19.46	19.72	19.71	20.00
		8	0	18.42	18.65	18.79	19.50
		8	4	18.53	18.73	18.84	19.50
5MHz	QPSK	8	7	18.55	18.76	18.71	19.50
		15	0	18.72	18.74	18.62	19.50
	16QAM	1	0	18.23	18.84	18.79	19.50
		1	7	18.28	18.98	18.77	19.50
		1	14	18.38	18.98	18.68	19.50
		8	0	17.59	17.68	17.64	18.50
	64QAM	8	4	17.66	17.89	17.68	18.50
		8	7	17.49	17.70	17.48	18.50
		15	0	17.47	17.55	17.89	18.50
	QPSK	1	0	19.975	20175	20375	20.50
		1	13	20.43	20.40	20.49	20.50
		1	24	20.43	20.49	20.43	20.50
		12	0	20.32	20.39	20.42	20.50
		12	6	19.41	19.55	19.77	20.00
		12	13	19.60	19.76	19.64	20.00



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	16QAM	25	0	19.42	19.49	19.53	20.00
		1	0	19.35	19.66	19.76	20.00
		1	13	19.48	19.81	19.69	20.00
		1	24	19.19	19.90	19.58	20.00
		12	0	18.65	18.70	18.61	19.50
		12	6	18.62	18.74	18.87	19.50
		12	13	18.55	18.76	18.83	19.50
		25	0	18.70	18.79	18.65	19.50
	64QAM	1	0	18.54	18.76	18.80	19.50
		1	13	18.36	18.83	19.04	19.50
		1	24	18.55	18.73	18.78	19.50
		12	0	17.40	17.53	18.00	18.50
		12	6	17.66	17.69	17.92	18.50
		12	13	17.63	17.71	17.76	18.50
		25	0	17.52	17.75	17.64	18.50
		25	0	17.52	17.75	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.23	20.21	20.33	20.50
		1	25	20.44	20.42	20.36	20.50
		1	49	20.27	20.38	20.19	20.50
		25	0	19.47	19.56	19.73	20.00
		25	13	19.55	19.63	19.59	20.00
		25	25	19.40	19.80	19.65	20.00
		50	0	19.27	19.61	19.58	20.00
		50	0	19.27	19.61	19.58	20.00
	16QAM	1	0	19.69	19.47	19.48	20.00
		1	25	19.29	19.62	19.50	20.00
		1	49	19.89	19.64	19.59	20.00
		25	0	18.66	18.75	18.86	19.50
		25	13	18.49	18.60	18.84	19.50
		25	25	18.52	18.71	18.79	19.50
		50	0	18.52	18.74	18.87	19.50
		50	0	18.52	18.74	18.87	19.50
	64QAM	1	0	18.55	18.51	18.41	19.50
		1	25	18.69	18.65	18.47	19.50
		1	49	18.64	18.67	18.45	19.50
		25	0	17.49	17.59	17.64	18.50
		25	13	17.47	17.78	17.80	18.50
		25	25	17.59	17.75	17.85	18.50
		50	0	17.47	17.63	17.87	18.50
		50	0	17.47	17.63	17.87	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.33	20.36	20.46	20.50
		1	38	20.26	20.16	20.39	20.50
		1	74	20.25	20.26	20.30	20.50
		36	0	19.35	19.60	19.79	20.00
		36	18	19.34	19.64	19.50	20.00
		36	39	19.39	19.66	19.53	20.00
		75	0	19.39	19.45	19.72	20.00
		75	0	19.39	19.45	19.72	20.00
	16QAM	1	0	19.61	19.53	19.76	20.00
		1	38	19.87	19.82	19.35	20.00
		1	74	19.83	19.96	19.96	20.00
		36	0	18.51	18.40	18.59	19.50
		36	18	18.52	18.58	18.53	19.50
		36	39	18.45	18.59	18.63	19.50
		75	0	18.40	18.70	18.69	19.50
		75	0	18.40	18.70	18.69	19.50
	64QAM	1	0	18.73	18.32	18.97	19.50
		1	38	18.54	18.71	18.80	19.50
		1	74	18.49	18.55	18.96	19.50
		36	0	17.44	17.56	17.67	18.50
		36	18	17.63	17.58	17.67	18.50
		36	39	17.58	17.60	17.62	18.50
		75	0	17.40	17.55	17.68	18.50
		75	0	17.40	17.55	17.68	18.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	20.26	/	20.50
		1	50	/	20.25	/	20.50
		1	99	/	20.21	/	20.50
		50	0	/	19.80	/	20.00
		50	25	/	19.50	/	20.00
		50	50	/	19.60	/	20.00
		100	0	/	19.58	/	20.00
	16QAM	1	0	/	19.44	/	20.00
		1	50	/	19.71	/	20.00
		1	99	/	19.94	/	20.00
		50	0	/	18.66	/	19.50
		50	25	/	18.66	/	19.50
		50	50	/	18.71	/	19.50
		100	0	/	18.58	/	19.50
	64QAM	1	0	/	18.64	/	19.50
		1	50	/	18.82	/	19.50
		1	99	/	19.02	/	19.50
		50	0	/	17.65	/	18.50
		50	25	/	17.78	/	18.50
		50	50	/	17.57	/	18.50
		100	0	/	17.45	/	18.50

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	23.16	23.17	23.18	23.50
		1	2	23.23	23.23	23.26	23.50
		1	5	23.20	23.18	23.21	23.50
		3	0	23.20	23.22	23.13	23.50
		3	2	23.27	23.26	23.18	23.50
		3	3	23.19	23.19	23.10	23.50
		6	0	22.23	22.16	22.17	23.50
	16QAM	1	0	22.19	22.33	22.17	23.50
		1	2	22.19	22.39	22.23	23.50
		1	5	22.15	22.32	22.16	23.50
		3	0	22.38	22.23	22.21	23.00
		3	2	22.44	22.28	22.24	23.00
		3	3	22.40	22.20	22.15	23.00
		6	0	21.22	21.18	21.10	23.00
	64QAM	1	0	21.51	21.29	21.04	22.00
		1	2	21.63	21.34	21.08	22.00
		1	5	21.46	21.27	21.03	22.00
		3	0	21.47	21.48	21.16	22.00
		3	2	21.51	21.52	21.22	22.00
		3	3	21.45	21.50	21.14	22.00
		6	0	20.23	20.41	20.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.35	23.31	23.20	23.50
		1	7	23.36	23.34	23.25	23.50
		1	14	23.25	23.26	23.15	23.50
		8	0	22.33	22.32	22.22	23.00
		8	4	22.35	22.33	22.34	23.00
		8	7	22.32	22.28	22.28	23.00
		15	0	22.31	22.28	22.33	23.00
	16QAM	1	0	22.77	22.43	22.35	23.00
		1	7	22.83	22.51	22.49	23.00



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		1	14	22.70	22.38	22.42	23.00
		8	0	21.44	21.28	21.33	22.00
		8	4	21.47	21.31	21.37	22.00
		8	7	21.45	21.25	21.26	22.00
		15	0	21.39	21.28	21.27	22.00
		1	0	21.51	21.35	21.45	22.00
		1	7	21.57	21.44	21.49	22.00
		1	14	21.47	21.36	21.39	22.00
		8	0	20.46	20.23	20.34	21.00
		8	4	20.52	20.23	20.49	21.00
	64QAM	8	7	20.46	20.21	20.45	21.00
		15	0	20.39	20.47	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.38	23.39	23.34	23.50
		1	13	23.32	23.32	23.33	23.50
		1	24	23.22	23.26	23.27	23.50
		12	0	22.35	22.28	22.34	23.00
		12	6	22.33	22.29	22.34	23.00
		12	13	22.30	22.25	22.27	23.00
	16QAM	25	0	22.30	22.28	22.30	23.00
		1	0	22.14	22.56	22.37	23.00
		1	13	22.20	22.60	22.47	23.00
		1	24	22.12	22.45	22.36	23.00
		12	0	21.34	21.37	21.31	22.00
		12	6	21.31	21.36	21.35	22.00
	64QAM	12	13	21.28	21.34	21.26	22.00
		25	0	21.34	21.33	21.33	22.00
		1	0	21.26	21.43	21.43	22.00
		1	13	21.29	21.52	21.50	22.00
		1	24	21.21	21.40	21.41	22.00
		12	0	20.35	20.35	20.50	21.00
		12	6	20.31	20.35	20.48	21.00
		12	13	20.29	20.32	20.42	21.00
		25	0	20.37	20.37	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	23.33	/	23.50
		1	25	/	23.26	/	23.50
		1	49	/	23.22	/	23.50
		25	0	/	22.32	/	23.00
		25	13	/	22.31	/	23.00
		25	25	/	22.24	/	23.00
	16QAM	50	0	/	22.29	/	23.00
		1	0	/	22.51	/	23.00
		1	25	/	22.44	/	23.00
		1	49	/	22.32	/	23.00
		25	0	/	21.39	/	22.00
		25	13	/	21.34	/	22.00
	64QAM	25	25	/	21.33	/	22.00
		50	0	/	21.34	/	22.00
		1	0	/	21.40	/	22.00
		1	25	/	21.36	/	22.00
		1	49	/	21.27	/	22.00
		25	0	/	20.47	/	21.00
		25	13	/	20.46	/	21.00
		25	25	/	20.43	/	21.00
		50	0	/	20.38	/	21.00



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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	23.12	23.18	23.04	23.50
		1	2	23.15	23.21	23.09	23.50
		1	5	23.11	23.17	23.03	23.50
		3	0	23.19	23.18	23.12	23.50
		3	2	23.21	23.24	23.19	23.50
		3	3	23.19	23.24	23.11	23.50
	16QAM	6	0	22.18	22.20	22.14	23.50
		1	0	22.29	22.36	22.10	23.50
		1	2	22.36	22.45	22.10	23.50
		1	5	22.28	22.38	22.07	23.50
		3	0	22.19	22.24	22.25	23.00
		3	2	22.21	22.34	22.33	23.00
	64QAM	3	3	22.17	22.25	22.28	23.00
		6	0	21.22	21.26	21.19	23.00
		1	0	21.26	21.43	21.42	22.00
		1	2	21.34	21.50	21.53	22.00
		1	5	21.21	21.45	21.39	22.00
		3	0	21.41	21.24	21.32	22.00
3MHz	QPSK	3	2	21.49	21.35	21.39	22.00
		3	3	21.42	21.32	21.29	22.00
		6	0	20.40	20.30	20.18	22.00
	16QAM	1	0	23.19	23.23	23.23	23.50
		1	7	23.26	23.28	23.24	23.50
		1	14	23.13	23.21	23.15	23.50
	64QAM	8	0	22.26	22.28	22.19	23.00
		8	4	22.26	22.28	22.22	23.00
		8	7	22.25	22.25	22.21	23.00
	16QAM	15	0	22.26	22.25	22.21	23.00
		1	0	22.75	22.39	22.23	23.00
		1	7	22.77	22.51	22.26	23.00
		1	14	22.61	22.39	22.18	23.00
	64QAM	8	0	21.40	21.25	21.26	22.00
		8	4	21.44	21.31	21.31	22.00
		8	7	21.39	21.24	21.27	22.00
	16QAM	15	0	21.34	21.25	21.26	22.00
		1	0	21.46	21.30	21.13	22.00
		1	7	21.52	21.43	21.13	22.00
	64QAM	1	14	21.42	21.35	21.03	22.00
		8	0	20.41	20.19	20.24	21.00
		8	4	20.42	20.22	20.25	21.00
		8	7	20.37	20.16	20.20	21.00
		15	0	20.30	20.43	20.27	21.00
5MHz	QPSK	1	0	23.21	23.26	23.15	23.50
		1	13	23.27	23.27	23.23	23.50
		1	24	23.22	23.23	23.14	23.50
		12	0	22.27	22.30	22.16	23.00
		12	6	22.28	22.31	22.29	23.00
		12	13	22.36	22.24	22.22	23.00
	16QAM	25	0	22.36	22.31	22.16	23.00
		1	0	22.07	22.50	22.28	23.00
		1	13	22.13	22.61	22.34	23.00
	QPSK	1	0	23.21	23.26	23.15	23.50
		1	13	23.27	23.27	23.23	23.50
		1	24	23.22	23.23	23.14	23.50
		12	0	22.27	22.30	22.16	23.00
		12	6	22.28	22.31	22.29	23.00
		12	13	22.36	22.24	22.22	23.00
	16QAM	25	0	22.36	22.31	22.16	23.00
		1	0	22.07	22.50	22.28	23.00
		1	13	22.13	22.61	22.34	23.00



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		1	24	22.10	22.51	22.27	23.00
		12	0	21.29	21.39	21.15	22.00
		12	6	21.31	21.40	21.30	22.00
		12	13	21.36	21.32	21.23	22.00
		25	0	21.40	21.31	21.15	22.00
		1	0	21.21	21.42	21.36	22.00
		1	13	21.24	21.51	21.44	22.00
		1	24	21.28	21.42	21.32	22.00
		12	0	20.30	20.36	20.31	21.00
		12	6	20.28	20.34	20.39	21.00
	64QAM	12	13	20.34	20.30	20.34	21.00
		25	0	20.43	20.37	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	23.17	/	23.50
		1	25	/	23.22	/	23.50
		1	49	/	23.15	/	23.50
		25	0	/	22.32	/	23.00
		25	13	/	22.29	/	23.00
		25	25	/	22.24	/	23.00
	16QAM	50	0	/	22.30	/	23.00
		1	0	/	22.36	/	23.00
		1	25	/	22.44	/	23.00
		1	49	/	22.33	/	23.00
		25	0	/	21.39	/	22.00
		25	13	/	21.35	/	22.00
	64QAM	25	25	/	21.31	/	22.00
		50	0	/	21.32	/	22.00
		1	0	/	21.24	/	22.00
		1	25	/	21.36	/	22.00
		1	49	/	21.29	/	22.00
		25	0	/	20.45	/	21.00
		25	13	/	20.43	/	21.00
		25	25	/	20.35	/	21.00
		50	0	/	20.38	/	21.00

LTE FDD Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
5MHz	QPSK	1	0	/	23.26	/	23.50
		1	13	/	23.33	/	23.50
		1	24	/	23.22	/	23.50
		12	0	/	22.31	/	23.00
		12	6	/	22.30	/	23.00
		12	13	/	22.23	/	23.00
	16QAM	25	0	/	22.29	/	23.00
		1	0	/	22.48	/	23.00
		1	13	/	22.58	/	23.00
		1	24	/	22.47	/	23.00
		12	0	/	21.37	/	22.00
		12	6	/	21.35	/	22.00
	64QAM	12	13	/	21.30	/	22.00
		25	0	/	21.31	/	22.00
		1	0	/	21.42	/	22.00
		1	13	/	21.48	/	22.00
		1	24	/	21.39	/	22.00
		12	0	/	20.36	/	21.00
		12	6	/	20.37	/	21.00
		12	13	/	20.35	/	21.00



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		25	0	/	20.41	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
10MHz	QPSK	1	0	/	23.27	/	23.50
		1	25	/	23.2	/	23.50
		1	49	/	23.14	/	23.50
		25	0	/	22.29	/	23.00
		25	13	/	22.32	/	23.00
		25	25	/	22.23	/	23.00
		50	0	/	22.3	/	23.00
	16QAM	1	0	/	22.83	/	23.00
		1	25	/	22.75	/	23.00
		1	49	/	22.66	/	23.00
		25	0	/	21.39	/	22.00
		25	13	/	21.4	/	22.00
		25	25	/	21.36	/	22.00
		50	0	/	21.32	/	22.00
	64QAM	1	0	/	21.54	/	22.00
		1	25	/	21.45	/	22.00
		1	49	/	21.39	/	22.00
		25	0	/	20.43	/	21.00
		25	13	/	20.39	/	21.00
		25	25	/	20.33	/	21.00
		50	0	/	20.42	/	21.00

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	23.28	/	23.50
		1	13	/	23.27	/	23.50
		1	24	/	23.18	/	23.50
		12	0	/	22.28	/	23.00
		12	6	/	22.27	/	23.00
		12	13	/	22.24	/	23.00
		25	0	/	22.28	/	23.00
	16QAM	1	0	/	22.43	/	23.00
		1	13	/	22.46	/	23.00
		1	24	/	22.30	/	23.00
		12	0	/	21.33	/	22.00
		12	6	/	21.31	/	22.00
		12	13	/	21.26	/	22.00
		25	0	/	21.31	/	22.00
	64QAM	1	0	/	21.51	/	22.00
		1	13	/	21.49	/	22.00
		1	24	/	21.46	/	22.00
		12	0	/	20.34	/	22.00
		12	6	/	20.31	/	22.00
		12	13	/	20.27	/	22.00
		25	0	/	20.33	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	23.16	/	23.50
		1	25	/	23.23	/	23.50
		1	49	/	23.13	/	23.50
		25	0	/	22.32	/	23.00
		25	13	/	22.27	/	23.00
		25	25	/	22.25	/	23.00
		50	0	/	22.28	/	23.00
	16QAM	1	0	/	22.33	/	23.00



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		1	25	/	22.38	/	23.00
		1	49	/	22.31	/	23.00
		25	0	/	21.35	/	22.00
		25	13	/	21.36	/	22.00
		25	25	/	21.30	/	22.00
		50	0	/	21.30	/	22.00
	64QAM	1	0	/	21.26	/	22.00
		1	25	/	21.34	/	22.00
		1	49	/	21.24	/	22.00
		25	0	/	20.43	/	22.00
		25	13	/	20.40	/	22.00
		25	25	/	20.35	/	22.00
		50	0	/	20.34	/	22.00

LTE FDD Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	27710	/	22.00
		1	13	/	21.56	/	22.00
		1	24	/	21.74	/	22.00
		12	0	/	21.55	/	22.00
		12	6	/	20.52	/	21.00
		12	13	/	20.65	/	21.00
	16QAM	25	0	/	20.65	/	21.00
		1	0	/	20.61	/	21.00
		1	13	/	20.83	/	21.00
		1	24	/	20.78	/	21.00
		12	0	/	20.72	/	21.00
		12	6	/	19.53	/	20.00
	64QAM	12	13	/	19.86	/	20.00
		25	0	/	19.49	/	20.00
		1	0	/	19.60	/	20.00
		1	13	/	19.61	/	20.00
		1	24	/	19.83	/	20.00
		12	0	/	19.87	/	20.00
10MHz	QPSK	12	6	/	18.66	/	19.00
		12	13	/	18.74	/	19.00
		12	25	/	18.65	/	19.00
		25	0	/	18.75	/	19.00
	16QAM	1	0	/	21.61	/	22.00
		1	25	/	21.57	/	22.00
		1	49	/	21.55	/	22.00
		25	0	/	20.58	/	21.00
		25	13	/	20.56	/	21.00
		25	25	/	20.55	/	21.00
	64QAM	50	0	/	20.56	/	21.00
		1	0	/	20.88	/	21.00
		1	25	/	20.72	/	21.00
		1	49	/	20.70	/	21.00
		25	0	/	19.49	/	20.00
		25	13	/	19.57	/	20.00
		25	25	/	19.52	/	20.00
		50	0	/	19.52	/	20.00
	64QAM	1	0	/	19.59	/	20.00
		1	25	/	19.54	/	20.00
		1	49	/	19.66	/	20.00
		25	0	/	18.47	/	19.00
		25	13	/	18.60	/	19.00



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		25	25	/	18.63	/	19.00
		50	0	/	18.62	/	19.00

LTE FDD Band 30 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	27710	/	17.00
		1	13	/	16.45	/	17.00
		1	24	/	16.81	/	17.00
		12	0	/	16.55	/	17.00
		12	6	/	15.55	/	16.00
		12	13	/	15.67	/	16.00
		25	0	/	15.70	/	16.00
	16QAM	1	0	/	15.55	/	16.00
		1	13	/	15.94	/	16.00
		1	24	/	15.76	/	16.00
		12	0	/	15.61	/	16.00
		12	6	/	14.52	/	15.00
		12	13	/	14.95	/	15.00
		25	0	/	14.60	/	15.00
	64QAM	1	0	/	14.64	/	15.00
		1	13	/	14.59	/	15.00
		1	24	/	14.78	/	15.00
		12	0	/	14.85	/	15.00
		12	6	/	13.68	/	14.00
		12	13	/	13.69	/	14.00
		25	0	/	13.75	/	14.00
10MHz	QPSK	1	0	/	13.79	/	14.00
		1	25	/	16.58	/	17.00
		1	49	/	16.45	/	17.00
		25	0	/	16.34	/	17.00
		25	13	/	15.58	/	16.00
		25	25	/	15.47	/	16.00
		50	0	/	15.53	/	16.00
	16QAM	1	0	/	15.61	/	16.00
		1	25	/	15.90	/	16.00
		1	49	/	15.70	/	16.00
		25	0	/	15.60	/	16.00
		25	13	/	14.41	/	15.00
		25	25	/	14.68	/	15.00
		50	0	/	14.58	/	15.00
	64QAM	1	0	/	14.53	/	15.00
		1	25	/	14.70	/	15.00
		1	49	/	14.53	/	15.00
		25	0	/	14.64	/	15.00
		25	13	/	13.56	/	14.00
		25	25	/	13.65	/	14.00
		50	0	/	13.57	/	14.00



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LTE Band 66 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.32	23.43	23.38	23.50
		1	2	23.35	23.49	23.46	23.50
		1	5	23.33	23.45	23.43	23.50
		3	0	23.32	23.26	23.46	23.50
		3	1	23.47	23.43	23.44	23.50
		3	3	23.49	23.47	23.49	23.50
	16QAM	6	0	22.38	22.55	22.42	23.50
		1	0	22.42	22.73	22.43	23.50
		1	2	22.46	22.84	22.53	23.50
		1	5	22.44	22.73	22.46	23.50
		3	0	22.69	22.70	22.58	23.00
		3	1	22.75	22.80	22.62	23.00
	64QAM	3	3	22.72	22.71	22.57	23.00
		6	0	21.48	21.63	21.39	23.00
		1	0	21.82	21.71	21.27	22.00
		1	2	21.90	21.80	21.37	22.00
		1	5	21.78	21.74	21.33	22.00
		3	0	21.79	21.94	21.53	22.00
3MHz	QPSK	3	1	21.85	21.99	21.57	22.00
		3	3	21.73	21.95	21.51	22.00
		6	0	20.46	20.90	20.55	22.00
	16QAM	1	0	23.38	23.42	23.44	23.50
		1	7	23.47	23.41	23.47	23.50
		1	14	23.36	23.42	23.46	23.50
	64QAM	8	0	22.48	22.66	22.52	23.00
		8	4	22.49	22.71	22.56	23.00
		8	7	22.45	22.67	22.52	23.00
	16QAM	15	0	22.49	22.70	22.55	23.00
		1	0	22.74	22.78	22.53	23.00
		1	7	22.69	22.92	22.64	23.00
		1	14	23.00	22.80	22.54	23.00
	64QAM	8	0	21.74	21.71	21.57	22.00
		8	4	21.75	21.77	21.65	22.00
		8	7	21.70	21.70	21.61	22.00
	16QAM	15	0	21.65	21.72	21.63	22.00
		1	0	21.76	21.76	21.41	22.00
		1	7	21.83	21.88	21.51	22.00
	64QAM	1	14	21.72	21.78	21.39	22.00
		8	0	20.71	20.61	20.57	21.00
		8	4	20.74	20.69	20.63	21.00
		8	7	20.72	20.63	20.59	21.00
		15	0	20.59	20.93	20.64	21.00
5MHz	QPSK	1	0	23.46	23.42	23.49	23.50
		1	13	23.36	23.41	23.46	23.50
		1	24	23.40	23.40	23.41	23.50
		12	0	22.54	22.69	22.54	23.00
		12	6	22.53	22.70	22.57	23.00
		12	13	22.53	22.72	22.54	23.00
	16QAM	25	0	22.51	22.73	22.57	23.00
		1	0	22.34	22.88	22.59	23.00
		1	13	22.43	22.59	22.67	23.00
	QPSK	1	0	23.46	23.42	23.49	23.50
		1	13	23.36	23.41	23.46	23.50
		1	24	23.40	23.40	23.41	23.50
		12	0	22.54	22.69	22.54	23.00
		12	6	22.53	22.70	22.57	23.00
		12	13	22.53	22.72	22.54	23.00
	16QAM	25	0	22.51	22.73	22.57	23.00
		1	0	22.34	22.88	22.59	23.00
		1	13	22.43	22.59	22.67	23.00



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		1	24	22.34	22.94	22.61	23.00
		12	0	21.63	21.82	21.61	22.00
		12	6	21.64	21.85	21.63	22.00
		12	13	21.56	21.83	21.62	22.00
		25	0	21.62	21.77	21.62	22.00
		1	0	21.50	21.84	21.70	22.00
		1	13	21.53	21.96	21.76	22.00
		1	24	21.43	21.85	21.51	22.00
		12	0	20.57	20.77	20.63	21.00
		12	6	20.59	20.81	20.66	21.00
	64QAM	12	13	20.52	20.77	20.59	21.00
		25	0	20.63	20.83	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.42	23.46	23.47	23.50
		1	25	23.39	23.41	23.45	23.50
		1	49	23.42	23.43	23.49	23.50
		25	0	22.50	22.67	22.53	23.00
		25	13	22.53	22.76	22.54	23.00
		25	25	22.49	22.76	22.57	23.00
		50	0	22.55	22.70	22.53	23.00
		1	0	22.63	22.77	22.47	23.00
		1	25	22.66	22.83	22.51	23.00
		1	49	22.92	22.84	22.51	23.00
	16QAM	25	0	21.65	21.80	21.67	22.00
		25	13	21.66	21.84	21.73	22.00
		25	25	21.60	21.83	21.67	22.00
		50	0	21.60	21.80	21.64	22.00
		1	0	21.76	21.75	21.33	22.00
		1	25	21.75	21.79	21.37	22.00
		1	49	21.65	21.77	21.34	22.00
		25	0	20.64	20.88	20.68	21.00
		25	13	20.66	20.89	20.74	21.00
		25	25	20.61	20.91	20.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.35	23.35	23.43	23.50
		1	38	23.40	23.29	23.42	23.50
		1	74	23.42	23.41	23.44	23.50
		36	0	22.50	22.65	22.51	23.00
		36	18	22.58	22.72	22.56	23.00
		36	39	22.57	22.69	22.56	23.00
		75	0	22.54	22.72	22.61	23.00
		1	0	22.75	22.73	22.82	23.00
		1	38	22.96	22.85	22.87	23.00
		1	74	22.89	22.79	22.84	23.00
	16QAM	36	0	21.55	21.70	21.57	22.00
		36	18	21.62	21.80	21.57	22.00
		36	39	21.61	21.78	21.61	22.00
		75	0	21.59	21.76	21.58	22.00
		1	0	21.74	21.71	21.75	22.00
		1	38	21.70	21.76	21.82	22.00
		1	74	21.68	21.74	21.81	22.00
		36	0	20.55	20.70	20.50	21.00
		36	18	20.57	20.80	20.55	21.00
		36	39	20.59	20.79	20.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.38	23.48	23.39	23.50



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		1	50	23.29	23.42	23.25	23.50
		1	99	23.34	23.43	23.36	23.50
		50	0	22.63	22.74	22.65	23.00
		50	25	22.57	22.66	22.57	23.00
		50	50	22.55	22.72	22.59	23.00
		100	0	22.49	22.66	22.52	23.00
	16QAM	1	0	22.70	22.74	22.99	23.00
		1	50	22.65	22.88	22.87	23.00
		1	99	22.76	22.88	22.79	23.00
		50	0	21.55	21.71	21.54	22.00
		50	25	21.60	21.81	21.60	22.00
		50	50	21.58	21.81	21.60	22.00
	64QAM	100	0	21.61	21.73	21.58	22.00
		1	0	21.64	21.87	21.35	22.00
		1	50	21.60	21.97	21.36	22.00
		1	99	21.70	21.95	21.41	22.00
		50	0	20.60	20.77	20.58	21.00
		50	25	20.67	20.83	20.62	21.00
		50	50	20.66	20.82	20.63	21.00
		100	0	20.62	20.71	20.60	21.00

LTE Band 66 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	20.30	20.39	20.40	20.50
		1	2	20.42	20.46	20.40	20.50
		1	5	20.20	20.48	20.41	20.50
		3	0	20.38	20.22	20.46	20.50
		3	1	20.41	20.39	20.38	20.50
		3	3	20.16	20.34	20.47	20.50
	16QAM	6	0	19.29	19.62	19.40	20.50
		1	0	19.51	19.63	19.40	20.50
		1	2	19.36	19.94	19.45	20.50
		1	5	19.50	19.78	19.40	20.50
		3	0	19.61	19.81	19.47	20.00
		3	1	19.66	19.87	19.67	20.00
	64QAM	3	3	19.77	19.77	19.54	20.00
		6	0	18.54	18.68	18.48	20.00
		1	0	18.79	18.74	18.23	19.00
		1	2	18.92	18.72	18.39	19.00
		1	5	18.90	18.69	18.36	19.00
		3	0	18.88	18.34	18.60	19.00
3MHz	QPSK	3	1	18.84	18.34	18.63	19.00
		3	3	18.80	18.91	18.54	19.00
		6	0	17.58	17.82	17.51	19.00
	16QAM	1	0	20.30	20.32	20.42	20.50
		1	7	20.41	20.33	20.19	20.50
		1	14	20.32	20.40	20.21	20.50
		8	0	19.29	19.52	19.27	20.00
		8	4	19.38	19.68	19.38	20.00
		8	7	19.21	19.57	19.30	20.00
		15	0	19.22	19.42	19.48	20.00
		1	0	19.62	19.62	19.38	20.00
		1	7	19.64	19.79	19.61	20.00
		1	14	19.75	19.62	19.36	20.00
		8	0	18.51	18.46	18.30	19.00
		8	4	18.50	18.55	18.41	19.00



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	64QAM	8	7	18.51	18.44	18.36	19.00
		15	0	18.45	18.46	18.42	19.00
		1	0	18.55	18.72	18.17	19.00
		1	7	18.73	18.75	18.38	19.00
		1	14	18.59	18.54	18.29	19.00
		8	0	17.64	17.51	17.36	18.00
		8	4	17.58	17.67	17.55	18.00
		8	7	17.56	17.53	17.42	18.00
		15	0	17.47	17.73	17.59	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	20.19	20.14	20.33	20.50
		1	13	20.21	20.28	20.20	20.50
		1	24	20.28	20.19	20.15	20.50
		12	0	19.30	19.51	19.33	20.00
		12	6	19.32	19.56	19.53	20.00
		12	13	19.32	19.64	19.41	20.00
	16QAM	25	0	19.34	19.69	19.39	20.00
		1	0	19.30	19.63	19.33	20.00
		1	13	19.24	19.47	19.49	20.00
		1	24	19.19	19.80	19.49	20.00
		12	0	18.37	18.79	18.46	19.00
		12	6	18.39	18.69	18.40	19.00
	64QAM	12	13	18.29	18.59	18.60	19.00
		25	0	18.41	18.68	18.53	19.00
		1	0	18.40	18.61	18.56	19.00
		1	13	18.27	18.92	18.71	19.00
		1	24	18.34	18.69	18.23	19.00
		12	0	17.40	17.58	17.48	18.00
10MHz	QPSK	12	6	17.38	17.56	17.40	18.00
		12	13	17.45	17.72	17.38	18.00
		25	0	17.52	17.61	17.38	18.00
	16QAM	1	0	20.18	20.31	20.43	20.50
		1	25	20.31	20.26	20.42	20.50
		1	49	20.17	20.34	20.31	20.50
	64QAM	25	0	19.26	19.60	19.40	20.00
		25	13	19.50	19.65	19.36	20.00
		25	25	19.31	19.60	19.42	20.00
	16QAM	50	0	19.39	19.50	19.40	20.00
		1	0	19.50	19.61	19.30	20.00
		1	25	19.46	19.69	19.23	20.00
		1	49	19.69	19.71	19.49	20.00
	64QAM	25	0	18.61	18.75	18.45	19.00
		25	13	18.43	18.75	18.64	19.00
		25	25	18.44	18.78	18.58	19.00
	16QAM	50	0	18.57	18.75	18.53	19.00
		1	0	18.62	18.58	18.08	19.00
		1	25	18.47	18.63	18.19	19.00
		1	49	18.62	18.53	18.15	19.00
	64QAM	25	0	17.44	17.62	17.54	18.00
		25	13	17.41	17.61	17.67	18.00
		25	25	17.47	17.65	17.64	18.00
		50	0	17.36	17.75	17.54	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.30	20.27	20.15	20.50
		1	38	20.21	20.04	20.19	20.50
		1	74	20.26	20.19	20.38	20.50
		36	0	19.40	19.51	19.30	20.00



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		36	18	19.33	19.70	19.45	20.00
		36	39	19.31	19.49	19.52	20.00
		75	0	19.45	19.52	19.46	20.00
	16QAM	1	0	19.50	19.51	19.55	20.00
		1	38	19.68	19.58	19.77	20.00
		1	74	19.70	19.60	19.59	20.00
		36	0	18.50	18.57	18.53	19.00
		36	18	18.42	18.56	18.32	19.00
		36	39	18.37	18.66	18.33	19.00
		75	0	18.44	18.68	18.42	19.00
		1	0	18.71	18.45	18.53	19.00
	64QAM	1	38	18.60	18.66	18.76	19.00
		1	74	18.65	18.72	18.68	19.00
		36	0	17.29	17.48	17.40	18.00
		36	18	17.52	17.75	17.50	18.00
		36	39	17.52	17.62	17.43	18.00
		75	0	17.46	17.49	17.31	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.13	20.36	20.21	20.50
		1	50	20.05	20.34	20.15	20.50
		1	99	20.10	20.30	20.06	20.50
		50	0	19.48	19.61	19.53	20.00
		50	25	19.42	19.42	19.35	20.00
		50	50	19.46	19.54	19.45	20.00
		100	0	19.42	19.64	19.33	20.00
		1	0	19.42	19.46	19.86	20.00
	16QAM	1	50	19.45	19.65	19.72	20.00
		1	99	19.65	19.64	19.62	20.00
		50	0	18.32	18.65	18.40	19.00
		50	25	18.47	18.70	18.32	19.00
		50	50	18.31	18.57	18.54	19.00
		100	0	18.45	18.54	18.40	19.00
	64QAM	1	0	18.56	18.82	18.14	19.00
		1	50	18.35	18.78	18.16	19.00
		1	99	18.58	18.93	18.16	19.00
		50	0	17.43	17.49	17.49	18.00
		50	25	17.63	17.70	17.43	18.00
		50	50	17.41	17.61	17.52	18.00
		100	0	17.36	17.46	17.54	18.00

LTE Band 48 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	21.56	22.00	21.58	22.00
		1	13	21.48	21.37	21.42	22.00
		1	24	21.10	21.74	21.38	22.00
		12	0	21.28	21.18	21.24	21.50
		12	6	21.22	21.45	21.39	21.50
		12	13	21.13	21.22	21.39	21.50
		25	0	21.12	21.33	21.37	21.50
	16QAM	1	0	21.39	21.13	21.26	21.50
		1	13	21.22	21.15	21.14	21.50
		1	24	21.48	21.18	21.44	21.50
		12	0	21.34	21.24	21.39	21.50
		12	6	21.35	21.24	21.38	21.50
		12	13	21.37	21.16	21.35	21.50
		25	0	21.34	21.23	21.39	21.50
	64QAM	1	0	21.15	21.19	21.20	21.50



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		1	13	21.23	21.29	21.29	21.50
		1	24	21.24	21.21	21.26	21.50
		12	0	20.28	20.89	20.88	21.00
		12	6	20.35	20.87	20.89	21.00
		12	13	20.30	20.80	20.84	21.00
		25	0	20.27	20.81	20.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	21.11	22.00	21.58	22.00
		1	25	21.20	21.99	21.63	22.00
		1	49	21.29	21.92	21.54	22.00
		25	0	21.24	21.08	21.28	21.50
		25	13	21.29	20.77	21.24	21.50
		25	25	21.30	20.75	21.19	21.50
		50	0	21.25	20.77	21.24	21.50
	16QAM	1	0	21.17	20.77	21.21	21.50
		1	25	21.27	20.70	21.13	21.50
		1	49	21.38	21.46	21.14	21.50
		25	0	21.23	21.10	21.27	21.50
		25	13	21.31	21.07	21.25	21.50
		25	25	21.30	20.76	21.18	21.50
		50	0	21.24	21.01	21.22	21.50
	64QAM	1	0	21.06	21.24	21.18	21.50
		1	25	21.17	21.14	21.48	21.50
		1	49	21.25	21.06	21.43	21.50
		25	0	20.21	20.72	20.66	21.00
		25	13	20.27	20.68	20.63	21.00
		25	25	20.28	20.59	20.56	21.00
		50	0	20.25	20.60	20.63	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	21.07	21.98	21.60	22.00
		1	38	21.19	21.88	21.56	22.00
		1	74	21.26	21.76	21.54	22.00
		36	0	21.17	21.21	20.91	21.50
		36	18	21.26	21.20	20.87	21.50
		36	39	21.33	21.12	20.83	21.50
		75	0	21.02	20.95	21.39	21.50
	16QAM	1	0	21.12	21.18	21.01	21.50
		1	38	21.26	21.05	20.82	21.50
		1	74	21.38	21.02	21.45	21.50
		36	0	21.18	21.21	20.90	21.50
		36	18	21.26	21.21	20.86	21.50
		36	39	21.28	21.09	20.80	21.50
		75	0	20.01	20.70	20.34	21.50
	64QAM	1	0	21.02	21.15	21.08	21.50
		1	38	21.14	21.03	20.88	21.50
		1	74	21.26	21.15	20.86	21.50
		36	0	20.17	20.67	20.64	21.00
		36	18	20.26	20.96	20.60	21.00
		36	39	20.31	20.87	20.53	21.00
		75	0	19.46	19.69	19.36	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	21.72	21.86	21.65	22.00
		1	50	21.21	21.78	21.52	22.00
		1	99	21.26	21.59	21.48	22.00
		50	0	21.09	21.23	21.32	21.50
		50	25	20.94	21.16	21.27	21.50
		50	50	20.95	21.21	21.14	21.50
		100	0	19.71	20.02	19.78	21.50



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	16QAM	1	0	20.78	21.45	21.29	21.50
		1	50	20.92	21.29	21.04	21.50
		1	99	20.98	21.11	20.99	21.50
		50	0	20.83	21.34	21.33	21.50
		50	25	20.93	21.50	21.27	21.50
		50	50	20.96	21.41	21.12	21.50
		100	0	19.75	19.80	19.84	21.50
	64QAM	1	0	20.67	21.16	21.41	21.50
		1	50	20.87	21.44	21.17	21.50
		1	99	20.89	21.19	21.12	21.50
		50	0	20.16	20.96	20.66	21.00
		50	25	20.27	20.90	20.59	21.00
		50	50	20.28	20.79	20.53	21.00
		100	0	19.45	19.68	19.54	21.00

LTE Band 48 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55265	55990	56715	
5MHz	QPSK	1	0	16.51	16.98	16.34	17.00
		1	13	16.31	16.25	16.14	17.00
		1	24	16.05	16.68	16.34	17.00
		12	0	16.26	16.15	16.01	16.50
		12	6	16.12	16.19	16.17	16.50
		12	13	16.02	16.15	16.18	16.50
		25	0	15.97	16.15	16.29	16.50
	16QAM	1	0	16.31	16.07	16.16	16.50
		1	13	15.96	15.96	16.05	16.50
		1	24	16.23	16.15	16.22	16.50
		12	0	16.31	16.17	16.25	16.50
		12	6	16.33	16.17	16.18	16.50
		12	13	16.33	16.03	16.30	16.50
		25	0	16.12	16.06	16.29	16.50
	64QAM	1	0	15.96	15.97	15.97	16.50
		1	13	16.11	16.18	16.03	16.50
		1	24	16.18	16.12	16.00	16.50
		12	0	15.05	15.87	15.84	16.00
		12	6	15.22	15.66	15.66	16.00
		12	13	15.15	15.55	15.72	16.00
		25	0	15.08	15.56	15.70	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55290	55990	56690	
10MHz	QPSK	1	0	15.89	16.78	16.31	17.00
		1	25	16.05	16.80	16.59	17.00
		1	49	16.12	16.69	16.40	17.00
		25	0	16.08	15.85	16.06	16.50
		25	13	16.10	15.73	16.00	16.50
		25	25	16.19	15.52	16.09	16.50
		50	0	16.15	15.56	16.12	16.50
	16QAM	1	0	15.92	15.50	16.06	16.50
		1	25	16.13	15.66	15.95	16.50
		1	49	16.35	16.23	15.87	16.50
		25	0	15.97	15.92	16.25	16.50
		25	13	16.17	15.81	16.08	16.50
		25	25	16.23	15.53	15.91	16.50
		50	0	16.08	15.83	15.99	16.50
	64QAM	1	0	15.88	16.04	16.14	16.50
		1	25	15.95	15.99	16.37	16.50
		1	49	16.00	15.99	16.32	16.50
		25	0	14.98	15.61	15.60	16.00



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		25	13	15.09	15.41	15.41	16.00
		25	25	15.24	15.54	15.34	16.00
		50	0	15.12	15.56	15.36	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55315	55990	56665	
15MHz	QPSK	1	0	15.80	16.85	16.51	17.00
		1	38	16.17	16.76	16.28	17.00
		1	74	16.16	16.55	16.50	17.00
		36	0	16.00	16.03	15.84	16.50
		36	18	16.19	16.02	15.82	16.50
		36	39	16.29	15.94	15.66	16.50
		75	0	15.91	15.90	16.19	16.50
	16QAM	1	0	15.89	15.91	15.80	16.50
		1	38	16.03	15.89	15.59	16.50
		1	74	16.25	15.88	16.41	16.50
		36	0	16.14	15.99	15.72	16.50
		36	18	16.12	16.07	15.80	16.50
		36	39	16.21	15.96	15.58	16.50
		75	0	14.93	15.46	15.07	16.50
	64QAM	1	0	15.93	15.87	15.81	16.50
		1	38	15.97	15.91	15.65	16.50
		1	74	16.14	16.00	15.84	16.50
		36	0	14.90	15.40	15.45	16.00
		36	18	15.04	15.90	15.36	16.00
		36	39	15.06	15.71	15.35	16.00
		75	0	14.38	14.47	14.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				55340	55990	56640	
20MHz	QPSK	1	0	16.44	16.81	16.43	17.00
		1	50	15.94	16.66	16.29	17.00
		1	99	16.20	16.31	16.31	17.00
		50	0	16.00	16.21	16.18	16.50
		50	25	15.82	16.03	16.17	16.50
		50	50	15.82	16.08	15.96	16.50
		100	0	14.60	14.95	14.51	16.50
	16QAM	1	0	15.53	16.23	16.02	16.50
		1	50	15.66	16.06	15.94	16.50
		1	99	15.74	15.94	15.90	16.50
		50	0	15.74	16.24	16.21	16.50
		50	25	15.70	16.32	16.23	16.50
		50	50	15.75	16.21	16.01	16.50
		100	0	14.73	14.73	14.66	16.50
	64QAM	1	0	15.60	16.11	16.20	16.50
		1	50	15.70	16.27	16.13	16.50
		1	99	15.64	16.13	16.04	16.50
		50	0	15.01	15.88	15.59	16.00
		50	25	14.99	15.84	15.53	16.00
		50	50	15.02	15.57	15.27	16.00
		100	0	14.31	14.45	14.46	16.00



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2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 1					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.54	12.50
	7	2442		11.57	12.50
	13	2472		11.47	12.50
802.11g	1	2412	6	11.26	12.50
	7	2442		11.38	12.50
	13	2472		11.04	12.50
802.11n HT20	1	2412	6.5	11.44	12.50
	7	2442		11.32	12.50
	13	2472		11.45	12.50
802.11n HT40	3	2422	13.5	11.64	12.50
	7	2442		11.52	12.50
	11	2462		11.56	12.50
802.11ax HE20	1	2412	MCS0	11.19	12.50
	7	2442		11.61	12.50
	13	2472		11.64	12.50
802.11ax HE40	3	2422	MCS0	11.35	12.50
	7	2442		11.48	12.50
	11	2462		11.58	12.50

WIFI 2.4G Ant 2					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	11.69	12.50
	7	2442		11.65	12.50
	13	2472		11.55	12.50
802.11g	1	2412	6	11.31	12.50
	7	2442		11.19	12.50
	13	2472		11.24	12.50
802.11n HT20	1	2412	6.5	11.10	12.50
	7	2442		10.94	12.50
	13	2472		11.05	12.50
802.11n HT40	3	2422	13.5	11.68	12.50
	7	2442		11.64	12.50
	11	2462		11.63	12.50
802.11ax HE20	1	2412	MCS0	11.24	12.50
	7	2442		11.55	12.50
	13	2472		11.67	12.50
802.11ax HE40	3	2422	MCS0	11.06	12.50
	7	2442		11.39	12.50
	11	2462		11.22	12.50



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WIFI 2.4G MIMO					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	7	2442		/	/
	13	2472		/	/
802.11g	1	2412	6	/	/
	7	2442		/	/
	13	2472		/	/
802.11n HT20	1	2412	6.5	14.28	15.50
	7	2442		14.14	15.50
	13	2472		14.26	15.50
802.11n HT40	3	2422	13.5	14.67	15.50
	7	2442		14.59	15.50
	11	2462		14.61	15.50
802.11ax HE20	1	2412	MCS0	14.23	15.50
	7	2442		14.59	15.50
	13	2472		14.67	15.50
802.11ax HE40	3	2422	MCS0	14.22	15.50
	7	2442		14.45	15.50
	11	2462		14.41	15.50



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2.2 Conducted Power of 5G WIFI

WIFI 5G Ant 1					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.65	12.00
		40	5200	10.77	12.00
		48	5240	10.56	12.00
	802.11n HT20	36	5180	10.39	12.00
		40	5200	10.55	12.00
		48	5240	10.39	12.00
	802.11n HT40	38	5190	10.48	12.00
		46	5230	10.53	12.00
	802.11ac VHT20	36	5180	10.42	12.00
		40	5200	10.58	12.00
		48	5240	10.59	12.00
	802.11ac VHT40	38	5190	10.45	12.00
		46	5230	10.32	12.00
	802.11ac VHT80	42	5210	11.07	12.00
		42	5210	11.00	12.00
	802.11ax HE20	36	5180	10.22	12.00
		40	5200	10.48	12.00
		48	5240	10.21	12.00
	802.11ax HE40	38	5190	10.07	12.00
		46	5230	10.11	12.00
	802.11ax HE80	42	5210	11.00	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.44	12.00
		60	5300	10.59	12.00
		64	5320	10.66	12.00
	802.11n HT20	52	5260	10.48	12.00
		60	5300	10.60	12.00
		64	5320	10.48	12.00
	802.11n HT40	54	5270	10.40	12.00
		62	5310	10.50	12.00
	802.11ac VHT20	52	5260	10.51	12.00
		60	5300	10.49	12.00
		64	5320	10.59	12.00
	802.11ac VHT40	54	5270	10.19	12.00
		62	5310	10.32	12.00
	802.11ac VHT80	58	5290	11.16	12.00
	802.11ac VHT160	50	5250	11.21	12.00
	802.11ax HE20	52	5260	10.17	12.00
		60	5300	10.19	12.00
		64	5320	10.27	12.00
	802.11ax HE40	54	5270	10.00	12.00
		62	5310	10.19	12.00
	802.11ax HE80	58	5290	11.02	12.00
	802.11ax HE160	50	5250	11.25	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	10.37	11.50
		116	5580	10.48	11.50
		140	5700	10.31	11.50
	802.11n	100	5500	10.25	11.50



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	HT20	116	5580	10.12	11.50
		140	5700	10.18	11.50
	802.11n HT40	102	5510	10.16	11.50
		110	5550	10.35	11.50
		134	5670	10.37	11.50
		100	5500	10.35	11.50
	802.11ac VHT20	116	5580	10.22	11.50
		140	5700	10.00	11.50
		102	5510	10.25	11.50
		110	5550	10.07	11.50
	802.11ac VHT40	134	5670	10.03	11.50
		106	5530	10.55	11.50
	802.11ac VHT80	138	5690	10.43	11.50
		114	5570	10.28	11.50
	802.11ac VHT160	100	5500	10.12	11.50
		116	5580	9.97	11.50
	802.11ax HE20	140	5700	9.71	11.50
		102	5510	10.07	11.50
	802.11ax HE40	110	5550	10.16	11.50
		134	5670	9.90	11.50
	802.11ax HE80	106	5530	10.75	11.50
		138	5690	10.73	11.50
	802.11ax HE160	114	5570	10.37	11.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.44	8.00
		157	5785	7.35	8.00
		165	5825	7.31	8.00
	802.11n HT20	149	5745	7.45	8.00
		157	5785	7.38	8.00
		165	5825	7.35	8.00
	802.11n HT40	151	5755	7.31	8.00
		159	5795	7.28	8.00
		149	5745	7.48	8.00
	802.11ac VHT20	157	5785	7.32	8.00
		165	5825	7.37	8.00
		151	5755	7.41	8.00
	802.11ac VHT40	159	5795	7.16	8.00
		155	5775	7.59	8.00
	802.11ac VHT80	149	5745	7.47	8.00
		157	5785	7.41	8.00
		165	5825	7.36	8.00
	802.11ax HE20	151	5755	7.29	8.00
		159	5795	7.25	8.00
	802.11ax HE40	155	5775	7.57	8.00

WIFI 5G Ant 2					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	10.70	12.00
		40	5200	10.62	12.00
		48	5240	10.29	12.00
	802.11n HT20	36	5180	10.47	12.00
		40	5200	10.48	12.00
		48	5240	10.08	12.00
	802.11n HT40	38	5190	10.37	12.00
		46	5230	10.27	12.00



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	802.11ac VHT20	36	5180	10.44	12.00
		40	5200	10.41	12.00
		48	5240	10.02	12.00
	802.11ac VHT40	38	5190	10.20	12.00
		46	5230	10.04	12.00
	802.11ac VHT80	42	5210	10.88	12.00
	802.11ax HE20	36	5180	10.28	12.00
		40	5200	10.35	12.00
		48	5240	10.50	12.00
	802.11ax HE40	38	5190	10.60	12.00
		46	5230	10.34	12.00
	802.11ax HE80	42	5210	10.59	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.04	12.00
		60	5300	10.04	12.00
		64	5320	10.36	12.00
	802.11n HT20	52	5260	10.03	12.00
		60	5300	10.03	12.00
		64	5320	10.10	12.00
	802.11n HT40	54	5270	10.29	12.00
		62	5310	10.14	12.00
	802.11ac VHT20	52	5260	10.55	12.00
		60	5300	10.69	12.00
		64	5320	10.17	12.00
	802.11ac VHT40	54	5270	10.44	12.00
		62	5310	10.58	12.00
	802.11ac VHT80	58	5290	10.63	12.00
	802.11ac VHT160	50	5250	11.34	12.00
	802.11ax HE20	52	5260	10.42	12.00
		60	5300	10.42	12.00
		64	5320	10.55	12.00
	802.11ax HE40	54	5270	10.34	12.00
		62	5310	10.60	12.00
	802.11ax HE80	58	5290	10.47	12.00
	802.11ax HE160	50	5250	11.16	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	10.01	11.50
		116	5580	9.86	11.50
		140	5700	10.09	11.50
	802.11n HT20	100	5500	9.97	11.50
		116	5580	9.76	11.50
		140	5700	10.01	11.50
	802.11n HT40	102	5510	9.88	11.50
		110	5550	9.92	11.50
		134	5670	10.26	11.50
	802.11ac VHT20	100	5500	9.78	11.50
		116	5580	9.60	11.50
		140	5700	10.17	11.50
	802.11ac VHT40	102	5510	9.69	11.50
		110	5550	9.87	11.50
		134	5670	10.05	11.50
	802.11ac VHT80	106	5530	10.30	11.50
		138	5690	10.34	11.50



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5GHz UNII-3	802.11ac VHT160	114	5570	10.54	11.50
	802.11ax HE20	100	5500	10.14	11.50
		116	5580	10.05	11.50
		140	5700	10.22	11.50
	802.11ax HE40	102	5510	10.12	11.50
		110	5550	10.17	11.50
		134	5670	10.32	11.50
	802.11ax HE80	106	5530	10.19	11.50
		138	5690	10.13	11.50
	802.11ax HE160	114	5570	10.44	11.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.13	7.50
		157	5785	7.22	7.50
		165	5825	7.09	7.50
	802.11n HT20	149	5745	7.21	7.50
		157	5785	7.11	7.50
		165	5825	7.13	7.50
	802.11n HT40	151	5755	7.22	7.50
		159	5795	7.21	7.50
	802.11ac VHT20	149	5745	7.36	7.50
		157	5785	7.31	7.50
		165	5825	7.22	7.50
	802.11ac VHT40	151	5755	7.16	7.50
		159	5795	7.04	7.50
	802.11ac VHT80	155	5775	7.16	7.50
	802.11ax HE20	149	5745	7.41	7.50
		157	5785	7.25	7.50
		165	5825	7.21	7.50
	802.11ax HE40	151	5755	7.33	7.50
		159	5795	7.21	7.50
	802.11ax HE80	155	5775	7.22	7.50

WIFI 5G MIMO					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		48	5240	/	/
	802.11n HT20	36	5180	13.44	14.00
		40	5200	13.53	14.00
		48	5240	13.25	14.00
	802.11n HT40	38	5190	13.44	14.00
		46	5230	13.41	14.00
	802.11ac VHT20	36	5180	13.44	14.00
		40	5200	13.51	14.00
		48	5240	13.32	14.00
	802.11ac VHT40	38	5190	13.34	14.00
		46	5230	13.19	14.00
	802.11ac VHT80	42	5210	13.99	14.00
	802.11ax HE20	36	5180	13.26	14.00
		40	5200	13.43	14.00
		48	5240	13.37	14.00
	802.11ax HE40	38	5190	13.35	14.00
		46	5230	13.24	14.00
	802.11ax	42	5210	13.81	14.00



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HE80					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	13.27	14.00
		60	5300	13.33	14.00
		64	5320	13.30	14.00
	802.11n HT40	54	5270	13.36	14.00
		62	5310	13.33	14.00
	802.11ac VHT20	52	5260	13.54	14.00
		60	5300	13.60	14.00
		64	5320	13.40	14.00
	802.11ac VHT40	54	5270	13.33	14.00
		62	5310	13.46	14.00
	802.11ac VHT80	58	5290	13.91	14.00
	802.11ac VHT160	50	5250	14.29	14.50
	802.11ax HE20	52	5260	13.31	14.00
		60	5300	13.32	14.00
		64	5320	13.42	14.00
	802.11ax HE40	54	5270	13.18	14.00
		62	5310	13.41	14.00
	802.11ax HE80	58	5290	13.76	14.00
	802.11ax HE160	50	5250	14.22	14.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		116	5580	/	/
		140	5700	/	/
	802.11n HT20	100	5500	13.12	13.50
		116	5580	12.95	13.50
		140	5700	13.11	13.50
	802.11n HT40	102	5510	13.03	13.50
		110	5550	13.15	13.50
		134	5670	13.33	13.50
	802.11ac VHT20	100	5500	13.08	13.50
		116	5580	12.93	13.50
		140	5700	13.10	13.50
	802.11ac VHT40	102	5510	12.99	13.50
		110	5550	12.98	13.50
		134	5670	13.05	13.50
	802.11ac VHT80	106	5530	13.44	13.50
		138	5690	13.40	13.50
	802.11ac VHT160	114	5570	13.42	13.50
	802.11ax HE20	100	5500	13.14	13.50
		116	5580	13.02	13.50
		140	5700	12.98	13.50
	802.11ax HE40	102	5510	13.11	13.50
		110	5550	13.18	13.50
		134	5670	13.13	13.50
	802.11ax HE80	106	5530	13.49	13.50
		138	5690	13.45	13.50
	802.11ax HE160	114	5570	13.42	13.50



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5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		157	5785	/	/
		165	5825	/	/
	802.11n HT20	149	5745	10.34	10.50
		157	5785	10.26	10.50
		165	5825	10.25	10.50
	802.11n HT40	151	5755	10.28	10.50
		159	5795	10.26	10.50
	802.11ac VHT20	149	5745	10.43	10.50
		157	5785	10.33	10.50
		165	5825	10.31	10.50
	802.11ac VHT40	151	5755	10.30	10.50
		159	5795	10.11	10.50
	802.11ac VHT80	155	5775	10.39	10.50
	802.11ax HE20	149	5745	10.45	10.50
		157	5785	10.34	10.50
		165	5825	10.30	10.50
	802.11ax HE40	151	5755	10.32	10.50
		159	5795	10.24	10.50
	802.11ax HE80	155	5775	10.41	10.50



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2.3 Conducted Power of WIFI 6E

WIFI 6E Ant 1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11a	1	5955	6Mbps	7.42	8.00
		45	6175		7.57	8.00
		93	6415		7.52	8.00
	802.11n HT20	1	5955	MCS0	7.57	8.00
		45	6175		7.56	8.00
		93	6415		7.49	8.00
	802.11n HT40	3	5985	MCS0	7.43	8.00
		43	6165		7.51	8.00
		91	6405		7.54	8.00
	802.11ac VHT20	1	5955	MCS0	7.49	8.00
		45	6175		7.47	8.00
		93	6415		7.42	8.00
	802.11ac VHT40	3	5985	MCS0	7.51	8.00
		43	6165		7.55	8.00
		91	6405		7.41	8.00
	802.11ac VHT80	7	5985	MCS0	7.45	8.00
		39	6145		7.48	8.00
		87	6385		7.38	8.00
	802.11ac VHT160	15	6025	MCS0	6.67	7.50
		47	6185		6.69	7.50
		79	6345		6.58	7.50
	802.11ax HEW20	1	5955	MCS0	7.52	8.00
		45	6175		7.29	8.00
		93	6415		7.21	8.00
	802.11ax HEW40	3	5985	MCS0	7.57	8.00
		43	6165		7.45	8.00
		91	6405		7.57	8.00
	802.11ax HEW80	7	5985	MCS0	7.57	8.00
		39	6145		7.53	8.00
		87	6385		7.41	8.00
	802.11ax HEW160	15	6025	MCS0	7.58	8.00
		47	6185		7.57	8.00
		79	6345		7.55	8.00
U - NII - 6 6.5GHz	802.11a	97	6435	6Mbps	7.30	8.00
		105	6475		7.44	8.00
		113	6515		7.41	8.00
	802.11n HT20	97	6435	MCS0	7.43	8.00
		105	6475		7.45	8.00
		113	6515		7.52	8.00
	802.11n HT40	99	6445	MCS0	7.46	8.00
		107	6485		7.45	8.00
	802.11ac VHT20	97	6435	MCS0	7.31	8.00
		105	6475		7.24	8.00
		113	6515		7.28	8.00
	802.11ac VHT40	99	6445	MCS0	7.39	8.00
		107	6485		7.48	8.00
	802.11ac VHT80	103	6465	MCS0	7.45	8.00
		119	6545		7.35	8.00
	802.11ac VHT160	111	6505	MCS0	6.42	7.50
	802.11ax HEW20	97	6435	MCS0	7.37	8.00
		105	6475		7.42	8.00
		113	6515		7.48	8.00
	802.11ax HEW40	99	6445	MCS0	7.32	8.00
		107	6485		7.44	8.00
	802.11ax HEW80	103	6465	MCS0	7.53	8.00
		119	6545		7.45	8.00



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	802.11ax HEW160	111	6505	MCS0	6.88	8.00
U - NII - 7 6.7GHz	802.11a	117	6535	6Mbps	7.51	8.00
		149	6695		7.41	8.00
		181	6855		7.39	8.00
	802.11n HT20	117	6535	MCS0	7.37	8.00
		149	6695		7.45	8.00
		181	6855		7.49	8.00
	802.11n HT40	115	6525	MCS0	7.42	8.00
		147	6685		7.36	8.00
		179	6845		7.43	8.00
	802.11ac VHT20	117	6535	MCS0	7.38	8.00
		149	6695		7.45	8.00
		181	6855		7.37	8.00
	802.11ac VHT40	115	6525	MCS0	7.32	8.00
		147	6685		7.39	8.00
		179	6845		7.28	8.00
	802.11ac VHT80	135	6625	MCS0	7.40	8.00
		151	6705		7.46	8.00
		167	6785		7.48	8.00
	802.11ac VHT160	143	6665	MCS0	6.52	7.50
		175	6825		6.48	7.50
		117	6535	MCS0	7.54	8.00
	802.11ax HEW20	149	6695		7.32	8.00
		181	6855		7.61	8.00
	802.11ax HEW40	115	6525	MCS0	7.54	8.00
		147	6685		7.40	8.00
		179	6845		7.41	8.00
	802.11ax HEW80	135	6625	MCS0	7.46	8.00
		151	6705		7.52	8.00
		167	6785		7.45	8.00
	802.11ax HEW160	143	6665	MCS0	7.43	8.00
		175	6825		7.46	8.00
		185	6875	6Mbps	8.14	8.50
U - NII - 8 7.0GHz	802.11a	209	6995		8.11	8.50
		233	7115		8.18	8.50
	802.11n HT20	185	6875	MCS0	7.98	8.50
		209	6995		7.94	8.50
		233	7115		8.09	8.50
	802.11n HT40	187	6885	MCS0	7.98	8.50
		227	7085		8.14	8.50
		185	6875	MCS0	8.10	8.50
	802.11ac VHT20	209	6995		7.74	8.50
		233	7115		7.85	8.50
		187	6885	MCS0	7.90	8.50
	802.11ac VHT40	227	7085		7.82	8.50
		183	6865	MCS0	7.46	8.50
		199	6945		7.49	8.50
		215	7025		7.58	8.50
	802.11ac VHT160	207	6985	MCS0	6.43	8.00
		185	6875		7.78	8.50
		209	6995	MCS0	7.84	8.50
	802.11ax HEW20	233	7115		7.86	8.50
		187	6885	MCS0	7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50
		187	6885		7.77	8.50
		227	7085		7.85	8.50
	802.11ax HEW40	183	6865	MCS0	8.14	8.50
		199	6945		8.05	8.50
		215	7025		7.89	8.50
	802.11ax HEW80	207	6985	MCS0	7.86	8.50
		185	6875		7.78	8.50
		209	6995		7.84	8.50
	802.11ax HEW160	233	7115	MCS0	7.86	8.50

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WIFI 6E Ant 2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11a	1	5955	6Mbps	7.15	8.00
		45	6175		7.28	8.00
		93	6415		7.31	8.00
	802.11n HT20	1	5955	MCS0	7.29	8.00
		45	6175		7.24	8.00
		93	6415		7.26	8.00
	802.11n HT40	3	5985	MCS0	7.33	8.00
		43	6165		7.19	8.00
		91	6405		7.24	8.00
	802.11ac VHT20	1	5955	MCS0	7.27	8.00
		45	6175		7.21	8.00
		93	6415		7.06	8.00
	802.11ac VHT40	3	5985	MCS0	7.17	8.00
		43	6165		7.16	8.00
		91	6405		7.23	8.00
	802.11ac VHT80	7	5985	MCS0	7.11	8.00
		39	6145		7.15	8.00
		87	6385		7.20	8.00
	802.11ac VHT160	15	6025	MCS0	6.76	7.50
		47	6185		6.81	7.50
		79	6345		6.72	7.50
	802.11ax HEW20	1	5955	MCS0	7.19	8.00
		45	6175		7.28	8.00
		93	6415		7.12	8.00
	802.11ax HEW40	3	5965	MCS0	7.15	8.00
		43	6165		7.26	8.00
		91	6405		7.32	8.00
	802.11ax HEW80	7	5985	MCS0	7.27	8.00
		39	6145		7.30	8.00
		87	6385		7.29	8.00
	802.11ax HEW160	15	6025	MCS0	7.23	8.00
		47	6185		7.30	8.00
		79	6345		7.33	8.00
U - NII - 6 6.5GHz	802.11a	97	6435	6Mbps	7.22	8.00
		105	6475		7.13	8.00
		113	6515		7.13	8.00
	802.11n HT20	97	6435	MCS0	7.11	8.00
		105	6475		7.07	8.00
		113	6515		7.31	8.00
	802.11n HT40	99	6445	MCS0	7.43	8.00
		107	6485		7.24	8.00
		111	6525		7.09	8.00
	802.11ac VHT20	97	6435	MCS0	7.09	8.00
		105	6475		7.18	8.00
		113	6515		7.22	8.00
	802.11ac VHT40	99	6445	MCS0	7.21	8.00
		107	6485		7.14	8.00
		111	6525		7.07	8.00
	802.11ac VHT80	103	6465	MCS0	7.07	8.00
		119	6545		7.05	8.00
	802.11ac VHT160	111	6505	MCS0	6.59	7.50
		115	6545		7.13	8.00
		119	6585		7.05	8.00
	802.11ax HEW20	97	6435	MCS0	7.13	8.00
		105	6475		7.05	8.00
		113	6515		7.06	8.00
	802.11ax HEW40	99	6445	MCS0	7.09	8.00
		107	6485		7.22	8.00
		111	6525		7.21	8.00
	802.11ax HEW80	103	6465	MCS0	7.21	8.00
		119	6545		7.02	8.00
		123	6585		7.02	8.00



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	802.11ax HEW160	111	6505	MCS0	7.51	8.00
U - NII - 7 6.7GHz	802.11a	117	6535	6Mbps	7.27	8.00
		149	6695		7.11	8.00
		181	6855		7.35	8.00
	802.11n HT20	117	6535	MCS0	7.07	8.00
		149	6695		7.06	8.00
		181	6855		7.36	8.00
	802.11n HT40	115	6525	MCS0	7.28	8.00
		147	6685		7.44	8.00
		179	6845		7.33	8.00
	802.11ac VHT20	117	6535	MCS0	7.26	8.00
		149	6695		7.06	8.00
		181	6855		7.07	8.00
	802.11ac VHT40	115	6525	MCS0	7.28	8.00
		147	6685		7.15	8.00
		179	6845		7.17	8.00
	802.11ac VHT80	135	6625	MCS0	7.24	8.00
		151	6705		7.23	8.00
		167	6785		7.27	8.00
	802.11ac VHT160	143	6665	MCS0	6.67	7.50
		175	6825		6.63	7.50
		117	6535	MCS0	7.31	8.00
	802.11ax HEW20	149	6695		7.04	8.00
		181	6855		7.16	8.00
	802.11ax HEW40	115	6525	MCS0	7.25	8.00
		147	6685		7.04	8.00
		179	6845		7.14	8.00
	802.11ax HEW80	135	6625	MCS0	7.11	8.00
		151	6705		7.10	8.00
		167	6785		7.29	8.00
U - NII - 8 7.0GHz	802.11a	143	6665	MCS0	7.47	8.00
		175	6825		7.47	8.00
		185	6875	6Mbps	7.82	8.50
	802.11n HT20	209	6995		7.79	8.50
		233	7115		7.78	8.50
	802.11n HT40	185	6875	MCS0	7.85	8.50
		209	6995		7.66	8.50
		233	7115		7.73	8.50
	802.11ac VHT20	187	6885	MCS0	7.85	8.50
		227	7085		7.81	8.50
		185	6875	MCS0	7.86	8.50
	802.11ac VHT40	209	6995		7.81	8.50
		233	7115		7.82	8.50
		187	6885	MCS0	7.59	8.50
	802.11ac VHT80	227	7085		7.52	8.50
		183	6865		7.55	8.50
	802.11ac VHT160	199	6945	MCS0	7.60	8.50
		215	7025		7.66	8.50
		207	6985	MCS0	7.12	8.00
	802.11ax HEW20	185	6875		7.60	8.50
		209	6995		7.56	8.50
		233	7115	MCS0	7.52	8.50
	802.11ax HEW40	187	6885		7.77	8.50
		227	7085		7.83	8.50
	802.11ax HEW80	183	6865	MCS0	7.69	8.50
		199	6945		7.90	8.50
		215	7025		8.01	8.50
	802.11ax HEW160	207	6985	MCS0	7.94	8.50



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WIFI 6E MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11a	1	5955	6Mbps	10.30	10.50
		45	6175		10.44	10.50
		93	6415		10.43	10.50
	802.11n HT20	1	5955	MCS0	10.44	10.50
		45	6175		10.41	10.50
		93	6415		10.39	10.50
	802.11n HT40	3	5985	MCS0	10.39	10.50
		43	6165		10.36	10.50
		91	6405		10.40	10.50
	802.11ac VHT20	1	5955	MCS0	10.39	10.50
		45	6175		10.35	10.50
		93	6415		10.25	10.50
	802.11ac VHT40	3	5985	MCS0	10.35	10.50
		43	6165		10.37	10.50
		91	6405		10.33	10.50
	802.11ac VHT80	7	5985	MCS0	10.29	10.50
		39	6145		10.33	10.50
		87	6385		10.30	10.50
	802.11ac VHT160	15	6025	MCS0	9.73	10.00
		47	6185		9.76	10.00
		79	6345		9.66	10.00
	802.11ax HEW20	1	5955	MCS0	10.37	10.50
		45	6175		10.30	10.50
		93	6415		10.18	10.50
	802.11ax HEW40	3	5965	MCS0	10.38	10.50
		43	6165		10.37	10.50
		91	6405		10.46	10.50
	802.11ax HEW80	7	5985	MCS0	10.43	10.50
		39	6145		10.43	10.50
		87	6385		10.36	10.50
	802.11ax HEW160	15	6025	MCS0	10.42	10.50
		47	6185		10.45	10.50
		79	6345		10.45	10.50
U - NII - 6 6.5GHz	802.11a	97	6435	6Mbps	10.27	10.50
		105	6475		10.30	10.50
		113	6515		10.28	10.50
	802.11n HT20	97	6435	MCS0	10.28	10.50
		105	6475		10.27	10.50
		113	6515		10.43	10.50
	802.11n HT40	99	6445	MCS0	10.46	10.50
		107	6485		10.36	10.50
		111	6525		10.21	10.50
	802.11ac VHT20	97	6435	MCS0	10.21	10.50
		105	6475		10.22	10.50
		113	6515		10.26	10.50
	802.11ac VHT40	99	6445	MCS0	10.31	10.50
		107	6485		10.32	10.50
		111	6525		10.27	10.50
	802.11ac VHT80	103	6465	MCS0	10.27	10.50
		119	6545		10.21	10.50
		125	6625		9.52	10.00
	802.11ac VHT160	111	6505	MCS0	9.52	10.00
		127	6645		10.26	10.50
		135	6685		10.25	10.50
	802.11ax HEW20	97	6435	MCS0	10.26	10.50
		105	6475		10.25	10.50
		113	6515		10.29	10.50
	802.11ax HEW40	99	6445	MCS0	10.22	10.50
		107	6485		10.34	10.50
		115	6565		10.38	10.50
	802.11ax HEW80	103	6465	MCS0	10.38	10.50
		119	6545		10.25	10.50
		127	6645		10.22	10.50
	802.11ax	111	6505	MCS0	10.22	10.50



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	HEW160					
U - NII - 7 6.7GHz	802.11a	117	6535	6Mbps	10.40	10.50
		149	6695		10.27	10.50
		181	6855		10.38	10.50
	802.11n HT20	117	6535	MCS0	10.23	10.50
		149	6695		10.27	10.50
		181	6855		10.44	10.50
	802.11n HT40	115	6525	MCS0	10.36	10.50
		147	6685		10.41	10.50
		179	6845		10.39	10.50
	802.11ac VHT20	117	6535	MCS0	10.33	10.50
		149	6695		10.27	10.50
		181	6855		10.23	10.50
	802.11ac VHT40	115	6525	MCS0	10.31	10.50
		147	6685		10.28	10.50
		179	6845		10.24	10.50
	802.11ac VHT80	135	6625	MCS0	10.33	10.50
		151	6705		10.36	10.50
		167	6785		10.39	10.50
	802.11ac VHT160	143	6665	MCS0	9.61	10.00
		175	6825		9.57	10.00
	802.11ax HEW20	117	6535	MCS0	10.44	10.50
		149	6695		10.19	10.50
		181	6855		10.40	10.50
	802.11ax HEW40	115	6525	MCS0	10.41	10.50
		147	6685		10.23	10.50
		179	6845		10.29	10.50
	802.11ax HEW80	135	6625	MCS0	10.30	10.50
		151	6705		10.33	10.50
		167	6785		10.38	10.50
	802.11ax HEW160	143	6665	MCS0	10.46	10.50
		175	6825		10.48	10.50
U - NII - 8 7.0GHz	802.11a	185	6875	6Mbps	10.99	11.00
		209	6995		10.96	11.00
		233	7115		10.99	11.00
	802.11n HT20	185	6875	MCS0	10.93	11.00
		209	6995		10.81	11.00
		233	7115		10.92	11.00
	802.11n HT40	187	6885	MCS0	10.93	11.00
		227	7085		10.99	11.00
	802.11ac VHT20	185	6875	MCS0	10.99	11.00
		209	6995		10.79	11.00
		233	7115		10.85	11.00
	802.11ac VHT40	187	6885	MCS0	10.76	11.00
		227	7085		10.68	11.00
	802.11ac VHT80	183	6865	MCS0	10.52	11.00
		199	6945		10.56	11.00
		215	7025		10.63	11.00
	802.11ac VHT160	207	6985	MCS0	9.80	10.50
	802.11ax HEW20	185	6875	MCS0	10.70	11.00
		209	6995		10.71	11.00
		233	7115		10.70	11.00
	802.11ax HEW40	187	6885	MCS0	10.78	11.00
		227	7085		10.85	11.00
	802.11ax HEW80	183	6865	MCS0	10.93	11.00
		199	6945		10.99	11.00
		215	7025		10.96	11.00
	802.11ax HEW160	207	6985	MCS0	10.91	11.00



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2.4 Conducted Power of Bluetooth

BT Ant 1		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	9.37	10.05	10.26	11.00
	$\pi/4$ DQPSK	9.88	10.06	10.14	10.5
	8DPSK	10.04	9.89	9.77	10.5
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	9.55	9.89	9.91	10.00
BLE 2M	GFSK	9.24	9.44	9.67	10.00

BT Ant 3&4		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	12.71	12.79	12.85	14.00
	$\pi/4$ DQPSK	12.68	12.75	12.77	14.00
	8DPSK	12.66	12.72	12.84	14.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.96	7.01	7.58	8.00

Note:

- 1). BT Antenna 1 power is the power of the Intel AX210NGW network card, and antenna 3+4 power is the power of the LRBT module.
- 2). One antenna port of the LRBT module has both PCB and 2.4G terminal antennas.

- End of the Appendix -