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Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 850 sensor off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	32.50	32.58	32.43	33.00	-9.19	23.31	23.39	23.24	23.81
	2 TX Slots	29.45	29.53	29.43	30.00	-6.18	23.27	23.35	23.25	23.82
	3 TX Slots	27.25	27.31	27.14	28.00	-4.42	22.83	22.89	22.72	23.58
	4 TX Slots	25.62	25.73	25.71	26.00	-3.17	22.45	22.56	22.54	22.83
EGPRS (GMSK)	1 TX Slot	32.48	32.56	32.40	33.00	-9.19	23.29	23.37	23.21	23.81
	2 TX Slots	29.43	29.45	29.37	30.00	-6.18	23.25	23.27	23.19	23.82
	3 TX Slots	27.16	27.20	27.14	28.00	-4.42	22.74	22.78	22.72	23.58
	4 TX Slots	25.47	25.61	25.70	26.00	-3.17	22.30	22.44	22.53	22.83
EGPRS (8PSK)	1 TX Slot	26.31	26.42	26.30	27.50	-9.19	17.12	17.23	17.11	18.31
	2 TX Slots	22.81	22.91	22.76	24.50	-6.18	16.63	16.73	16.58	18.32
	3 TX Slots	21.03	21.13	20.99	22.50	-4.42	16.61	16.71	16.57	18.08
	4 TX Slots	18.75	18.85	18.73	20.50	-3.17	15.58	15.68	15.56	17.33

GSM 850 sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	27.97	28.10	27.93	28.50	-9.19	18.78	18.91	18.74	19.31
	2 TX Slots	24.99	25.01	24.94	25.50	-6.18	18.81	18.83	18.76	19.32
	3 TX Slots	22.80	22.89	22.73	23.50	-4.42	18.38	18.47	18.31	19.08
	4 TX Slots	21.17	21.28	21.20	21.50	-3.17	18.00	18.11	18.03	18.33
EGPRS (GMSK)	1 TX Slot	28.03	28.13	27.96	28.50	-9.19	18.84	18.94	18.77	19.31
	2 TX Slots	25.01	24.95	24.86	25.50	-6.18	18.83	18.77	18.68	19.32
	3 TX Slots	22.70	22.72	22.62	23.50	-4.42	18.28	18.30	18.20	19.08
	4 TX Slots	20.99	21.13	21.28	21.50	-3.17	17.82	17.96	18.11	18.33
EGPRS (8PSK)	1 TX Slot	22.36	22.37	22.26	23.50	-9.19	13.17	13.18	13.07	14.31
	2 TX Slots	18.81	19.00	18.73	20.50	-6.18	12.63	12.82	12.55	14.32
	3 TX Slots	17.03	17.15	17.07	18.50	-4.42	12.61	12.73	12.65	14.08
	4 TX Slots	14.78	14.94	14.73	16.50	-3.17	11.61	11.77	11.56	13.33

GSM 1900 sensor off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	29.42	29.52	29.44	30.00	-9.19	20.23	20.33	20.25	20.81
	2 TX Slots	26.28	26.40	26.26	27.00	-6.18	20.10	20.22	20.08	20.82
	3 TX Slots	24.27	24.37	24.24	25.00	-4.42	19.85	19.95	19.82	20.58
	4 TX Slots	22.72	22.87	22.74	23.50	-3.17	19.55	19.70	19.57	20.33
EGPRS (GMSK)	1 TX Slot	29.42	29.51	29.41	30.00	-9.19	20.23	20.32	20.22	20.81
	2 TX Slots	26.17	26.32	26.20	27.00	-6.18	19.99	20.14	20.02	20.82
	3 TX Slots	24.21	24.36	24.22	25.00	-4.42	19.79	19.94	19.80	20.58
	4 TX Slots	22.69	22.82	22.72	23.50	-3.17	19.52	19.65	19.55	20.33

EGPRS (8PSK)	1 TX Slot	25.53	25.62	25.50	26.50	-9.19	16.34	16.43	16.31	17.31
	2 TX Slots	22.58	22.72	22.57	23.50	-6.18	16.40	16.54	16.39	17.32
	3 TX Slots	18.76	18.89	18.79	20.50	-4.42	14.34	14.47	14.37	16.08
	4 TX Slots	17.74	17.81	17.73	19.50	-3.17	14.57	14.64	14.56	16.33

GSM 1900 sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	16.41	16.56	16.47	17.00	-9.19	7.22	7.37	7.28	7.81
	2 TX Slots	13.29	13.42	13.32	14.00	-6.18	7.11	7.24	7.14	7.82
	3 TX Slots	11.30	11.36	11.31	12.00	-4.42	6.88	6.94	6.89	7.58
	4 TX Slots	9.76	9.82	9.77	10.50	-3.17	6.59	6.65	6.60	7.33
EGPRS (GMSK)	1 TX Slot	16.41	16.56	16.41	17.00	-9.19	7.22	7.37	7.22	7.81
	2 TX Slots	13.22	13.37	13.24	14.00	-6.18	7.04	7.19	7.06	7.82
	3 TX Slots	11.23	11.36	11.18	12.00	-4.42	6.81	6.94	6.76	7.58
	4 TX Slots	9.77	9.80	9.74	10.50	-3.17	6.60	6.63	6.57	7.33
EGPRS (8PSK)	1 TX Slot	21.06	21.19	20.96	22.00	-9.19	11.87	12.00	11.77	12.81
	2 TX Slots	18.43	18.50	18.44	19.00	-6.18	12.25	12.32	12.26	12.82
	3 TX Slots	14.30	14.45	14.31	16.00	-4.42	9.88	10.03	9.89	11.58
	4 TX Slots	13.20	13.30	13.25	15.00	-3.17	10.03	10.13	10.08	11.83

WCDMA Band II sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.48	22.56	22.52	24.00
HSDPA	Subtest 1	22.42	22.48	22.33	24.00
	Subtest 2	22.36	22.41	22.39	24.00
	Subtest 3	22.44	22.47	22.33	24.00
	Subtest 4	21.85	21.98	21.97	23.50
HSUPA	Subtest 1	21.89	21.96	21.92	23.50
	Subtest 2	22.44	22.46	22.33	24.00
	Subtest 3	22.35	22.49	22.39	24.00
	Subtest 4	21.93	21.97	21.94	23.50
	Subtest 5	21.99	22.04	21.92	23.50

WCDMA Band II sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	11.03	11.08	11.06	12.50
HSDPA	Subtest 1	10.89	11.05	10.87	12.50
	Subtest 2	10.85	10.94	10.84	12.50
	Subtest 3	10.92	11.06	10.85	12.50
	Subtest 4	10.41	10.57	10.44	12.00
HSUPA	Subtest 1	10.40	10.50	10.50	12.00
	Subtest 2	10.96	11.01	10.92	12.50
	Subtest 3	10.84	10.99	10.99	12.50
	Subtest 4	10.43	10.49	10.47	12.00
	Subtest 5	10.53	10.63	10.42	12.00

WCDMA Band IV sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.69	22.80	22.66	24.00
HSDPA	Subtest 1	22.56	22.66	22.57	24.00
	Subtest 2	22.57	22.60	22.63	24.00
	Subtest 3	22.58	22.62	22.49	24.00
	Subtest 4	22.07	22.20	22.23	23.50

HSUPA	Subtest 1	22.06	22.14	22.14	23.50
	Subtest 2	22.69	22.70	22.60	24.00
	Subtest 3	22.53	22.72	22.55	24.00
	Subtest 4	22.20	22.23	22.09	23.50
	Subtest 5	22.22	22.28	22.10	23.50

WCDMA Band IV sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	14.17	14.36	14.18	15.50
HSDPA	Subtest 1	14.07	14.16	14.12	15.50
	Subtest 2	14.14	14.11	14.23	15.50
	Subtest 3	14.04	14.16	13.95	15.50
	Subtest 4	13.61	13.69	13.80	15.00
HSUPA	Subtest 1	13.63	13.74	13.59	15.00
	Subtest 2	14.15	14.23	14.18	15.50
	Subtest 3	14.09	14.25	14.01	15.50
	Subtest 4	13.70	13.70	13.56	15.00
	Subtest 5	13.72	13.76	13.67	15.00

WCDMA Band V sensor off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.49	22.63	22.61	24.00
HSDPA	Subtest 1	22.50	22.47	22.45	24.00
	Subtest 2	22.35	22.55	22.39	24.00
	Subtest 3	22.47	22.59	22.42	24.00
	Subtest 4	21.89	22.08	22.03	23.50
HSUPA	Subtest 1	22.03	22.08	22.03	23.50
	Subtest 2	22.46	22.53	22.34	24.00
	Subtest 3	22.38	22.50	22.49	24.00
	Subtest 4	21.94	22.10	21.97	23.50
	Subtest 5	22.03	22.18	22.05	23.50

WCDMA Band V sensor on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.95	19.22	19.10	20.50
HSDPA	Subtest 1	19.03	18.95	18.95	20.50
	Subtest 2	18.86	19.09	18.90	20.50
	Subtest 3	19.02	19.17	18.98	20.50
	Subtest 4	18.36	18.68	18.52	20.00
HSUPA	Subtest 1	18.49	18.60	18.57	20.00
	Subtest 2	18.99	18.99	18.85	20.50
	Subtest 3	18.85	19.06	19.01	20.50
	Subtest 4	18.50	18.59	18.48	20.00
	Subtest 5	18.63	18.73	18.57	20.00

LTE Band 2 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.12	23.13	23.09	24.00
		1	2	22.90	23.06	22.99	24.00
		1	5	22.89	22.98	22.83	24.00
		3	0	22.73	22.81	22.75	24.00
		3	2	22.57	22.71	22.58	24.00
		3	3	22.61	22.76	22.64	24.00
	16QAM	6	0	21.63	21.75	21.59	23.00
		1	0	21.62	21.71	21.67	23.00
		1	2	21.61	21.70	21.60	23.00
		1	5	21.53	21.74	21.54	23.00
		3	0	21.64	21.70	21.59	23.00
		3	2	21.57	21.74	21.58	23.00
		3	3	21.57	21.69	21.62	23.00
		6	0	20.68	20.73	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.10	23.12	23.06	24.00

		1	7	22.91	23.01	22.93	24.00
		1	14	22.90	23.02	22.91	24.00
		8	0	21.73	21.87	21.74	23.00
		8	4	21.55	21.69	21.61	23.00
		8	7	21.62	21.77	21.65	23.00
		15	0	21.61	21.73	21.65	23.00
	16QAM	1	0	21.63	21.71	21.65	23.00
		1	7	21.62	21.69	21.60	23.00
		1	14	21.59	21.71	21.61	23.00
		8	0	20.65	20.71	20.60	22.00
		8	4	20.59	20.71	20.63	22.00
		8	7	20.57	20.68	20.63	22.00
		15	0	20.68	20.78	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.05	23.13	23.02	24.00
		1	13	22.90	23.02	22.99	24.00
		1	24	22.86	22.97	22.86	24.00
		12	0	21.73	21.87	21.73	23.00
		12	6	21.57	21.72	21.64	23.00
		12	13	21.65	21.76	21.62	23.00
		25	0	21.60	21.72	21.60	23.00
	16QAM	1	0	21.61	21.76	21.66	23.00
		1	13	21.62	21.68	21.63	23.00
		1	24	21.60	21.68	21.62	23.00
		12	0	20.61	20.72	20.57	22.00
		12	6	20.61	20.76	20.63	22.00
		12	13	20.62	20.67	20.57	22.00
		25	0	20.65	20.73	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.12	23.13	23.06	24.00
		1	25	22.93	23.07	22.95	24.00
		1	49	22.86	23.04	22.85	24.00
		25	0	21.69	21.85	21.73	23.00
		25	13	21.56	21.68	21.60	23.00
		25	25	21.68	21.77	21.64	23.00
		50	0	21.62	21.71	21.61	23.00
	16QAM	1	0	21.64	21.70	21.66	23.00
		1	25	21.55	21.74	21.63	23.00
		1	49	21.58	21.72	21.55	23.00
		25	0	20.65	20.73	20.62	22.00
		25	13	20.56	20.76	20.56	22.00
		25	25	20.61	20.69	20.57	22.00
		50	0	20.64	20.74	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.08	23.10	23.08	24.00
		1	38	22.95	23.06	22.97	24.00
		1	74	22.86	22.99	22.87	24.00
		36	0	21.72	21.81	21.69	23.00
		36	18	21.58	21.70	21.61	23.00
		36	39	21.66	21.75	21.61	23.00
		75	0	21.63	21.76	21.62	23.00
	16QAM	1	0	21.59	21.75	21.65	23.00
		1	38	21.60	21.74	21.58	23.00
		1	74	21.59	21.75	21.59	23.00
		36	0	20.61	20.69	20.58	22.00
		36	18	20.56	20.75	20.61	22.00
		36	39	20.59	20.68	20.63	22.00
		75	0	20.63	20.73	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.20	23.24	23.16	24.00
		1	50	23.04	23.14	23.06	24.00
		1	99	23.00	23.12	22.98	24.00
		50	0	21.81	21.96	21.84	23.00
		50	25	21.69	21.82	21.72	23.00
		50	50	21.75	21.86	21.75	23.00
		100	0	21.73	21.86	21.73	23.00

	16QAM	1	0	21.71	21.83	21.74	23.00
		1	50	21.70	21.83	21.72	23.00
		1	99	21.68	21.82	21.69	23.00
		50	0	20.73	20.84	20.71	22.00
		50	25	20.71	20.84	20.71	22.00
		50	50	20.71	20.82	20.71	22.00
		100	0	20.77	20.87	20.75	22.00

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	11.07	11.14	11.06	12.00
		1	2	10.94	11.06	10.95	12.00
		1	5	10.94	11.03	10.92	12.00
		3	0	10.93	11.04	10.98	12.00
		3	2	10.91	11.00	10.92	12.00
		3	3	10.92	11.02	10.95	12.00
	16QAM	6	0	10.90	11.04	10.95	12.00
		1	0	10.95	11.05	10.97	12.00
		1	2	10.96	11.01	10.92	12.00
		1	5	10.92	11.02	10.94	12.00
		3	0	10.91	11.02	10.93	12.00
		3	2	10.97	11.01	10.92	12.00
		3	3	10.92	11.01	10.94	12.00
		6	0	10.94	11.04	10.99	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	11.12	11.11	11.01	12.00
		1	7	10.95	11.05	10.95	12.00
		1	14	10.92	11.03	10.97	12.00
		8	0	10.97	11.06	10.94	12.00
		8	4	10.93	11.05	10.98	12.00
		8	7	10.95	11.01	10.95	12.00
	16QAM	15	0	10.93	11.04	10.95	12.00
		1	0	10.94	11.07	10.95	12.00
		1	7	10.89	10.99	10.93	12.00
		1	14	10.92	11.00	10.98	12.00
		8	0	10.90	10.99	10.92	12.00
		8	4	10.95	11.00	10.93	12.00
		8	7	10.92	11.04	10.93	12.00
		15	0	10.95	11.01	10.99	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	11.07	11.13	11.08	12.00
		1	13	10.89	11.07	10.98	12.00
		1	24	10.90	11.01	10.96	12.00
		12	0	10.89	10.99	10.94	12.00
		12	6	10.93	11.02	10.98	12.00
		12	13	10.96	11.03	10.98	12.00
	16QAM	25	0	10.89	11.06	10.92	12.00
		1	0	10.95	11.02	10.94	12.00
		1	13	10.91	11.01	10.96	12.00
		1	24	10.89	11.07	10.99	12.00
		12	0	10.96	11.01	10.98	12.00
		12	6	10.92	11.01	10.94	12.00
		12	13	10.96	11.00	10.94	12.00
		25	0	10.92	11.03	10.96	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	11.09	11.10	11.02	12.00
		1	25	10.94	11.02	10.93	12.00
		1	49	10.92	11.06	10.96	12.00
		25	0	10.92	11.05	10.92	12.00
		25	13	10.92	11.00	10.93	12.00
		25	25	10.91	11.05	10.97	12.00
	16QAM	50	0	10.96	11.00	10.94	12.00
		1	0	10.93	11.03	10.99	12.00
		1	25	10.93	11.06	10.97	12.00
		1	25	10.93	11.06	10.97	12.00

		1	49	10.93	11.05	10.95	12.00
		25	0	10.97	11.03	10.96	12.00
		25	13	10.93	11.05	10.96	12.00
		25	25	10.95	11.03	10.98	12.00
		50	0	10.91	11.03	10.95	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	11.08	11.11	11.03	12.00
		1	38	10.96	11.00	10.99	12.00
		1	74	10.90	11.04	10.99	12.00
		36	0	10.96	11.02	10.96	12.00
		36	18	10.94	11.03	10.99	12.00
		36	39	10.91	11.05	10.93	12.00
		75	0	10.92	10.99	10.92	12.00
	16QAM	1	0	10.96	11.02	10.94	12.00
		1	38	10.91	11.04	10.96	12.00
		1	74	10.95	11.05	10.98	12.00
		36	0	10.93	11.06	10.92	12.00
		36	18	10.92	11.05	10.95	12.00
		36	39	10.90	11.03	10.97	12.00
		75	0	10.92	11.07	10.99	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	11.20	11.24	11.16	12.00
		1	50	11.00	11.10	11.06	12.00
		1	99	10.99	11.16	11.02	12.00
		50	0	11.00	11.16	11.05	12.00
		50	25	11.06	11.12	11.07	12.00
		50	50	11.02	11.15	11.05	12.00
		100	0	11.02	11.15	11.02	12.00
	16QAM	1	0	11.03	11.14	11.05	12.00
		1	50	10.99	11.11	11.03	12.00
		1	99	11.05	11.17	11.09	12.00
		50	0	11.06	11.13	11.02	12.00
		50	25	11.00	11.15	11.05	12.00
		50	50	11.01	11.14	11.05	12.00
		100	0	11.07	11.10	11.07	12.00

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	23.13	23.22	23.13	24.00
		1	2	22.99	23.15	22.97	24.00
		1	5	22.95	23.09	23.02	24.00
		3	0	22.98	23.15	23.05	24.00
		3	2	22.93	23.04	22.89	24.00
		3	3	22.77	22.93	22.86	24.00
		6	0	21.94	22.02	21.99	23.00
	16QAM	1	0	21.76	21.90	21.83	23.00
		1	2	21.79	21.91	21.86	23.00
		1	5	21.72	21.84	21.70	23.00
		3	0	21.80	21.87	21.77	23.00
		3	2	21.73	21.87	21.81	23.00
		3	3	21.72	21.84	21.76	23.00
		6	0	20.84	20.95	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.14	23.19	23.06	24.00
		1	7	22.97	23.13	22.95	24.00
		1	14	22.93	23.06	23.04	24.00
		8	0	22.01	22.14	22.01	23.00
		8	4	21.92	21.99	21.91	23.00
		8	7	21.80	21.96	21.84	23.00
		15	0	21.89	22.08	21.95	23.00
	16QAM	1	0	21.75	21.95	21.80	23.00
		1	7	21.82	21.89	21.83	23.00
		1	14	21.72	21.84	21.72	23.00
		8	0	20.79	20.93	20.78	22.00

		8	4	20.78	20.89	20.77	22.00
		8	7	20.69	20.82	20.73	22.00
		15	0	20.85	20.93	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	24.00
		1	13	23.15	23.25	23.13	24.00
		1	24	22.95	23.09	22.95	24.00
		12	0	22.96	23.11	22.98	24.00
		12	6	22.02	22.11	21.98	23.00
		12	13	21.95	21.98	21.93	23.00
		25	0	21.77	21.95	21.84	23.00
	16QAM	1	0	21.92	22.07	21.98	23.00
		1	13	21.76	21.95	21.84	23.00
		1	24	21.77	21.91	21.80	23.00
		12	0	21.68	21.84	21.69	23.00
		12	6	20.78	20.92	20.77	22.00
		12	13	20.72	20.83	20.76	22.00
		25	0	20.69	20.86	20.75	22.00
		25	0	20.84	20.95	20.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20000	20175	20350	24.00
		1	25	23.09	23.23	23.09	24.00
		1	49	23.01	23.11	22.98	24.00
		25	0	22.94	23.12	22.97	24.00
		25	13	21.98	22.15	22.00	23.00
		25	25	21.96	22.01	21.90	23.00
		50	0	21.78	21.98	21.87	23.00
	16QAM	1	0	21.91	22.07	22.03	23.00
		1	25	21.81	21.93	21.80	23.00
		1	49	21.78	21.94	21.80	23.00
		25	0	21.68	21.87	21.71	23.00
		25	13	20.81	20.87	20.81	22.00
		25	25	20.73	20.89	20.82	22.00
		50	0	20.76	20.85	20.72	22.00
		50	0	20.83	20.96	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20025	20175	20325	24.00
		1	38	23.13	23.27	23.13	24.00
		1	74	22.95	23.09	23.00	24.00
		36	0	22.99	23.08	23.00	24.00
		36	18	22.03	22.11	22.02	23.00
		36	39	21.93	21.98	21.93	23.00
		75	0	21.79	21.97	21.83	23.00
	16QAM	1	0	21.91	22.03	21.98	23.00
		1	38	21.81	21.90	21.82	23.00
		1	74	21.84	21.88	21.81	23.00
		36	0	21.74	21.80	21.68	23.00
		36	18	20.80	20.89	20.82	22.00
		36	39	20.72	20.85	20.81	22.00
		75	0	20.69	20.86	20.76	22.00
		75	0	20.85	20.90	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	24.00
		1	50	/	23.34	/	24.00
		1	99	/	23.23	/	24.00
		50	0	/	23.20	/	24.00
		50	25	/	22.24	/	23.00
		50	50	/	22.12	/	23.00
		100	0	/	22.06	/	23.00
	16QAM	1	0	/	22.17	/	23.00
		1	50	/	22.02	/	23.00
		1	99	/	22.01	/	23.00
		50	0	/	21.95	/	23.00
		50	25	/	21.02	/	22.00
		50	50	/	20.97	/	22.00
		100	0	/	20.96	/	22.00
		100	0	/	21.04	/	22.00

LTE Band 4 sensor on	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	14.16	14.24	14.14	15.00
		1	2	14.00	14.08	14.03	15.00
		1	5	13.99	14.03	14.01	15.00
		3	0	14.04	14.10	14.04	15.00
		3	2	14.02	14.08	13.99	15.00
		3	3	14.02	14.09	14.04	15.00
	16QAM	6	0	14.03	14.18	13.98	15.00
		1	0	13.99	14.08	14.01	15.00
		1	2	14.04	14.06	14.02	15.00
		1	5	14.02	14.12	14.03	15.00
		3	0	14.05	14.08	14.04	15.00
		3	2	13.95	14.10	13.95	15.00
3MHz	QPSK	3	3	13.96	14.07	14.05	15.00
		6	0	14.04	14.12	14.06	15.00
	16QAM	1	0	14.15	14.19	14.14	15.00
		1	7	14.00	14.11	14.00	15.00
		1	14	13.99	14.09	13.96	15.00
		8	0	14.02	14.17	14.03	15.00
	16QAM	8	4	14.06	14.10	14.05	15.00
		8	7	14.05	14.10	14.08	15.00
		15	0	14.05	14.13	14.01	15.00
		1	0	13.97	14.14	14.03	15.00
		1	7	13.98	14.05	13.98	15.00
		1	14	14.00	14.14	14.02	15.00
5MHz	QPSK	8	0	14.02	14.13	14.03	15.00
		8	4	13.98	14.11	14.01	15.00
		8	7	13.97	14.11	13.98	15.00
		15	0	14.03	14.11	14.07	15.00
	16QAM	1	0	14.17	14.26	14.17	15.00
		1	13	14.04	14.07	14.04	15.00
	QPSK	1	24	13.95	14.09	13.96	15.00
		12	0	13.97	14.14	14.06	15.00
		12	6	14.02	14.06	14.00	15.00
		12	13	14.01	14.09	14.01	15.00
	16QAM	25	0	14.01	14.14	13.97	15.00
		1	0	14.01	14.13	13.97	15.00
		1	13	14.04	14.06	13.99	15.00
		1	24	14.02	14.14	14.02	15.00
		12	0	14.07	14.10	14.04	15.00
		12	6	13.95	14.12	14.03	15.00
10MHz	QPSK	12	13	14.01	14.04	13.98	15.00
		25	0	14.01	14.10	14.06	15.00
	16QAM	1	0	14.11	14.22	14.14	15.00
		1	25	14.05	14.09	13.96	15.00
		1	49	14.01	14.10	14.00	15.00
		25	0	14.03	14.15	14.05	15.00
15MHz	QPSK	25	13	14.01	14.10	14.05	15.00
		25	25	14.03	14.13	14.06	15.00
		50	0	14.05	14.14	13.98	15.00
	16QAM	1	0	13.96	14.09	14.02	15.00
		1	25	13.97	14.12	13.99	15.00
		1	49	14.01	14.13	14.02	15.00
15MHz	QPSK	25	0	14.07	14.08	14.00	15.00
		25	13	13.98	14.06	14.00	15.00
		25	25	13.97	14.06	14.02	15.00
		50	0	14.05	14.06	14.02	15.00
	16QAM	1	0	14.15	14.19	14.15	15.00
		1	38	14.05	14.10	14.01	15.00
		1	74	13.96	14.11	13.99	15.00

		36	0	13.99	14.16	14.05	15.00
		36	18	14.02	14.07	14.06	15.00
		36	39	14.00	14.13	14.05	15.00
		75	0	14.01	14.12	13.96	15.00
	16QAM	1	0	13.96	14.09	14.04	15.00
		1	38	13.98	14.12	14.00	15.00
		1	74	14.04	14.15	14.00	15.00
		36	0	14.00	14.13	14.03	15.00
		36	18	13.98	14.09	13.96	15.00
		36	39	13.94	14.11	14.02	15.00
		75	0	14.06	14.12	14.01	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	14.36	/	15.00
		1	50	/	14.22	/	15.00
		1	99	/	14.22	/	15.00
		50	0	/	14.23	/	15.00
		50	25	/	14.25	/	15.00
		50	50	/	14.23	/	15.00
	16QAM	100	0	/	14.20	/	15.00
		1	0	/	14.18	/	15.00
		1	50	/	14.23	/	15.00
		1	99	/	14.18	/	15.00
		50	0	/	14.23	/	15.00
		50	25	/	14.20	/	15.00
		50	50	/	14.22	/	15.00
		100	0	/	14.19	/	15.00

LTE Band 5 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	22.85	22.97	22.82	24.00
		1	2	22.74	22.76	22.71	24.00
		1	5	22.79	22.88	22.90	24.00
		3	0	22.75	22.96	22.94	24.00
		3	2	22.70	22.80	22.82	24.00
		3	3	22.85	22.79	22.89	24.00
	16QAM	6	0	21.92	21.89	21.92	23.00
		1	0	21.66	21.76	21.72	23.00
		1	2	21.85	21.78	21.88	23.00
		1	5	21.64	21.72	21.80	23.00
		3	0	21.79	21.85	21.82	23.00
		3	2	21.92	21.88	21.86	23.00
		3	3	21.88	21.80	21.80	23.00
		6	0	20.79	20.83	20.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.85	22.95	22.87	24.00
		1	7	22.68	22.83	22.73	24.00
		1	14	22.68	22.85	22.74	24.00
		8	0	21.85	22.00	21.84	23.00
		8	4	21.72	21.82	21.63	23.00
		8	7	21.71	21.80	21.71	23.00
	16QAM	15	0	21.73	21.83	21.73	23.00
		1	0	21.74	21.79	21.75	23.00
		1	7	21.72	21.81	21.72	23.00
		1	14	21.73	21.77	21.63	23.00
		8	0	20.75	20.85	20.69	22.00
		8	4	20.72	20.81	20.73	22.00
		8	7	20.66	20.78	20.72	22.00
		15	0	20.73	20.86	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.81	23.00	22.91	24.00
		1	13	22.72	22.85	22.78	24.00
		1	24	22.74	22.85	22.72	24.00
		12	0	21.84	21.95	21.82	23.00
		12	6	21.67	21.83	21.64	23.00

	16QAM	12	13	21.75	21.86	21.69	23.00
		25	0	21.75	21.85	21.78	23.00
		1	0	21.75	21.86	21.76	23.00
		1	13	21.65	21.80	21.69	23.00
		1	24	21.73	21.79	21.69	23.00
		12	0	20.75	20.80	20.74	22.00
		12	6	20.70	20.84	20.68	22.00
		12	13	20.65	20.82	20.69	22.00
		25	0	20.71	20.84	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	20525	/	24.00
		1	25	/	23.08	/	24.00
		1	49	/	22.95	/	24.00
		25	0	/	22.93	/	24.00
		25	13	/	22.08	/	23.00
		25	25	/	21.91	/	23.00
	16QAM	50	0	/	21.95	/	23.00
		1	0	/	21.96	/	23.00
		1	25	/	21.94	/	23.00
		1	49	/	21.92	/	23.00
		25	0	/	21.90	/	23.00
		25	13	/	20.94	/	22.00
		25	25	/	20.94	/	22.00
		50	0	/	20.90	/	22.00
		50	0	/	20.95	/	22.00

LTE Band 5 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	20.00
		1	2	19.45	19.52	19.42	20.00
		1	5	19.30	19.42	19.34	20.00
		3	0	19.34	19.43	19.36	20.00
		3	2	19.34	19.40	19.33	20.00
		3	3	19.34	19.38	19.35	20.00
	16QAM	6	0	19.35	19.40	19.25	20.00
		1	0	19.36	19.47	19.32	20.00
		1	2	19.35	19.44	19.33	20.00
		1	5	19.27	19.44	19.33	20.00
		3	0	19.28	19.49	19.35	20.00
		3	2	19.27	19.38	19.29	20.00
		3	3	19.28	19.41	19.37	20.00
		6	0	19.27	19.46	19.33	20.00
3MHz	QPSK	1	0	Channel	Channel	Channel	Tune up
		1	7	20415	20525	20635	20.00
		1	14	19.47	19.55	19.45	20.00
		8	0	19.32	19.40	19.32	20.00
		8	4	19.32	19.43	19.36	20.00
		8	7	19.39	19.38	19.36	20.00
	16QAM	15	0	19.32	19.42	19.34	20.00
		1	0	19.35	19.43	19.31	20.00
		1	7	19.38	19.42	19.32	20.00
		1	14	19.33	19.41	19.33	20.00
		8	0	19.31	19.49	19.32	20.00
		8	4	19.34	19.50	19.39	20.00
		8	7	19.31	19.39	19.28	20.00
		15	0	19.28	19.45	19.33	20.00
5MHz	QPSK	1	0	Channel	Channel	Channel	Tune up
		1	13	20425	20525	20625	20.00
		1	24	19.48	19.53	19.45	20.00
		12	0	19.31	19.43	19.37	20.00
		12	6	19.34	19.46	19.36	20.00
		12	13	19.38	19.41	19.34	20.00
	16QAM	25	0	19.29	19.40	19.34	20.00
		1	0	19.34	19.41	19.29	20.00
		1	13	19.34	19.41	19.29	20.00
		12	0	19.32	19.47	19.37	20.00
		12	6	19.32	19.47	19.37	20.00
		12	13	19.32	19.47	19.37	20.00
		25	0	19.32	19.47	19.37	20.00
		25	0	19.32	19.47	19.37	20.00

	16QAM	1	0	19.38	19.40	19.30	20.00
		1	13	19.33	19.51	19.33	20.00
		1	24	19.30	19.49	19.31	20.00
		12	0	19.26	19.44	19.31	20.00
		12	6	19.33	19.48	19.38	20.00
		12	13	19.27	19.49	19.33	20.00
		25	0	19.38	19.38	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	19.64	/	20.00
		1	25	/	19.55	/	20.00
		1	49	/	19.54	/	20.00
		25	0	/	19.52	/	20.00
		25	13	/	19.51	/	20.00
		25	25	/	19.51	/	20.00
	16QAM	50	0	/	19.57	/	20.00
		1	0	/	19.55	/	20.00
		1	25	/	19.58	/	20.00
		1	49	/	19.57	/	20.00
		25	0	/	19.52	/	20.00
		25	13	/	19.56	/	20.00
		25	25	/	19.57	/	20.00
		50	0	/	19.51	/	20.00

LTE Band 7 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.31	22.40	22.24	24.00
		1	13	22.17	22.32	22.26	24.00
		1	24	22.01	22.06	22.02	24.00
		12	0	21.21	21.30	21.19	23.00
		12	6	21.04	21.14	21.00	23.00
		12	13	22.06	21.09	22.01	23.00
	16QAM	25	0	21.04	21.16	21.04	23.00
		1	0	21.31	21.43	21.38	23.00
		1	13	21.07	21.17	21.07	23.00
		1	24	21.07	21.20	21.04	23.00
		12	0	20.02	20.16	20.02	22.00
		12	6	20.09	20.19	20.12	22.00
		12	13	20.10	20.02	20.20	22.00
		25	0	20.08	20.18	20.00	22.00
Bandwidth	Modulation	RB size	RB offset	0	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.44	22.56	22.45	24.00
		1	25	22.38	22.51	22.43	24.00
		1	49	22.23	22.21	22.21	24.00
		25	0	21.43	21.52	21.39	23.00
		25	13	21.21	21.34	21.23	23.00
		25	25	21.19	21.23	21.18	23.00
	16QAM	50	0	21.25	21.41	21.22	23.00
		1	0	21.51	21.69	21.52	23.00
		1	25	21.17	21.37	21.23	23.00
		1	49	21.31	21.41	21.29	23.00
		25	0	20.27	20.38	20.24	22.00
		25	13	20.32	20.41	20.27	22.00
		25	25	20.10	20.24	20.09	22.00
		50	0	20.27	20.37	20.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.49	22.63	22.47	24.00
		1	38	22.45	22.50	22.43	24.00
		1	74	22.18	22.24	22.18	24.00
		36	0	21.39	21.49	21.44	23.00
		36	18	21.22	21.35	21.22	23.00
		36	39	21.15	21.27	21.13	23.00
		75	0	21.29	21.41	21.27	23.00
	16QAM	1	0	21.54	21.63	21.57	23.00
		1	38	21.22	21.38	21.24	23.00

		1	74	21.26	21.42	21.24	23.00
		36	0	20.24	20.36	20.27	22.00
		36	18	20.28	20.42	20.32	22.00
		36	39	20.13	20.26	20.04	22.00
		75	0	20.25	20.34	20.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.57	22.70	22.58	24.00
		1	50	22.52	22.64	22.54	24.00
		1	99	22.30	22.36	22.32	24.00
		50	0	21.53	21.62	21.53	23.00
		50	25	21.29	21.43	21.33	23.00
		50	50	21.27	21.38	21.27	23.00
	16QAM	100	0	21.39	21.49	21.36	23.00
		1	0	21.62	21.76	21.66	23.00
		1	50	21.30	21.45	21.36	23.00
		1	99	21.41	21.52	21.37	23.00
		50	0	20.38	20.50	20.35	22.00
		50	25	20.41	20.50	20.41	22.00
		50	50	20.21	20.33	20.19	22.00
		100	0	20.34	20.46	20.33	22.00

LTE Band 7 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.96	13.11	12.94	14.50
		1	13	12.92	13.07	12.92	14.50
		1	24	12.93	13.00	12.91	14.50
		12	0	12.91	13.07	12.91	14.50
		12	6	12.89	13.01	12.92	14.50
		12	13	12.93	13.00	12.97	14.50
	16QAM	25	0	12.91	13.04	12.93	14.50
		1	0	12.89	13.05	12.96	14.50
		1	13	12.93	13.03	12.90	14.50
		1	24	12.87	13.04	12.90	14.50
		12	0	12.91	13.02	12.91	14.50
		12	6	12.91	13.05	12.90	14.50
		12	13	12.88	13.03	12.92	14.50
		25	0	12.92	13.02	12.93	14.50
Bandwidth	Modulation	RB size	RB offset	0	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	12.99	13.08	12.97	14.50
		1	25	12.93	13.06	12.91	14.50
		1	49	12.92	13.01	12.94	14.50
		25	0	12.93	13.00	12.91	14.50
		25	13	12.87	12.99	12.95	14.50
		25	25	12.94	13.06	12.93	14.50
	16QAM	50	0	12.88	13.02	12.94	14.50
		1	0	12.94	13.04	12.95	14.50
		1	25	12.90	13.00	12.92	14.50
		1	49	12.92	13.06	12.95	14.50
		25	0	12.93	13.02	12.89	14.50
		25	13	12.90	13.05	12.90	14.50
		25	25	12.92	13.05	12.94	14.50
		50	0	12.89	13.00	12.91	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	12.95	13.10	12.93	14.50
		1	38	12.91	13.03	12.91	14.50
		1	74	12.87	13.06	12.97	14.50
		36	0	12.92	13.06	12.95	14.50
		36	18	12.90	13.02	12.92	14.50
		36	39	12.87	13.04	12.96	14.50
	16QAM	75	0	12.92	13.06	12.93	14.50
		1	0	12.87	13.03	12.89	14.50
		1	38	12.93	13.00	12.95	14.50
		1	74	12.92	13.00	12.94	14.50
		36	0	12.90	13.02	12.90	14.50

		36	18	12.91	13.05	12.96	14.50
		36	39	12.90	13.05	12.91	14.50
		75	0	12.88	13.04	12.94	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20850	21100	21350	14.50
		1	50	13.05	13.16	13.11	14.50
		1	99	13.00	13.10	13.03	14.50
		1	99	13.03	13.12	13.02	14.50
		50	0	13.00	13.15	13.07	14.50
		50	25	12.98	13.13	13.07	14.50
		50	50	13.04	13.13	13.00	14.50
	16QAM	100	0	12.98	13.10	13.00	14.50
		1	0	13.00	13.13	13.00	14.50
		1	50	13.00	13.14	13.00	14.50
		1	99	13.00	13.13	13.04	14.50
		50	0	13.02	13.12	13.01	14.50
		50	25	13.01	13.13	13.01	14.50
		50	50	12.99	13.10	13.05	14.50
		100	0	13.01	13.10	13.02	14.50

LTE FDD Band 12 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	23017	23095	23173	24.00
		1	2	22.54	22.67	22.48	24.00
		1	5	22.36	22.49	22.31	24.00
		3	0	22.45	22.49	22.41	24.00
		3	2	22.49	22.61	22.53	24.00
		3	2	22.43	22.51	22.33	24.00
		3	3	22.40	22.46	22.40	24.00
	16QAM	6	0	21.43	21.49	21.42	23.00
		1	0	21.27	21.44	21.27	23.00
		1	2	21.17	21.25	21.12	23.00
		1	5	21.23	21.26	21.15	23.00
		3	0	21.48	21.63	21.51	23.00
		3	2	21.30	21.51	21.37	23.00
		3	3	21.38	21.49	21.39	23.00
		6	0	20.43	20.48	20.42	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23025	23095	23165	24.00
		1	7	22.50	22.62	22.50	24.00
		1	14	22.35	22.52	22.34	24.00
		8	0	22.45	22.47	22.37	24.00
		8	4	21.50	21.64	21.49	23.00
		8	7	21.33	21.45	21.33	23.00
		15	0	21.41	21.44	21.40	23.00
	16QAM	1	0	21.42	21.52	21.46	23.00
		1	7	21.29	21.39	21.25	23.00
		1	14	21.19	21.28	21.10	23.00
		8	0	21.21	21.27	21.15	23.00
		8	4	20.57	20.59	20.55	22.00
		8	7	20.40	20.51	20.36	22.00
		8	7	20.33	20.45	20.36	22.00
		15	0	20.43	20.50	20.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23035	23095	23155	24.00
		1	13	22.53	22.63	22.51	24.00
		1	24	22.38	22.45	22.32	24.00
		12	0	22.42	22.46	22.40	24.00
		12	6	21.48	21.64	21.51	23.00
		12	13	21.29	21.45	21.35	23.00
		12	13	21.39	21.45	21.39	23.00
	16QAM	25	0	21.45	21.55	21.45	23.00
		1	0	21.28	21.42	21.31	23.00
		1	13	21.17	21.27	21.10	23.00
		1	24	21.16	21.29	21.15	23.00
		12	0	20.56	20.64	20.54	22.00
		12	6	20.35	20.44	20.35	22.00
		12	13	20.36	20.46	20.34	22.00

		25	0	20.44	20.53	20.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	22.75	/	24.00
		1	25	/	22.59	/	24.00
		1	49	/	22.60	/	24.00
		25	0	/	21.73	/	23.00
		25	13	/	21.59	/	23.00
		25	25	/	21.59	/	23.00
		50	0	/	21.63	/	23.00
	16QAM	1	0	/	21.53	/	23.00
		1	25	/	21.39	/	23.00
		1	49	/	21.39	/	23.00
		25	0	/	20.72	/	22.00
		25	13	/	20.59	/	22.00
		25	25	/	20.57	/	22.00
		50	0	/	20.63	/	22.00

LTE FDD Band 12 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	18.01	18.06	17.98	19.50
		1	2	17.84	18.01	17.91	19.50
		1	5	17.86	17.99	17.85	19.50
		3	0	17.94	18.01	17.92	19.50
		3	2	17.83	17.96	17.80	19.50
		3	3	17.85	17.98	17.89	19.50
	16QAM	6	0	17.86	17.95	17.87	19.50
		1	0	17.85	17.99	17.85	19.50
		1	2	17.88	17.98	17.87	19.50
		1	5	17.80	17.99	17.83	19.50
		3	0	17.90	17.97	17.81	19.50
		3	2	17.82	17.94	17.85	19.50
		3	3	17.84	17.94	17.86	19.50
		6	0	17.81	17.96	17.84	19.50
3MHz	QPSK	1	0	18.06	18.10	17.97	19.50
		1	7	17.80	18.00	17.89	19.50
		1	14	17.85	17.96	17.89	19.50
		8	0	17.93	18.01	17.91	19.50
		8	4	17.87	17.95	17.87	19.50
		8	7	17.88	17.98	17.86	19.50
		15	0	17.89	17.95	17.84	19.50
	16QAM	1	0	17.83	17.99	17.88	19.50
		1	7	17.93	18.02	17.87	19.50
		1	14	17.84	17.98	17.84	19.50
		8	0	17.90	17.98	17.86	19.50
		8	4	17.87	17.95	17.88	19.50
		8	7	17.82	17.96	17.86	19.50
		15	0	17.83	17.97	17.80	19.50
5MHz	QPSK	1	0	18.00	18.12	17.99	19.50
		1	13	17.87	17.94	17.88	19.50
		1	24	17.83	17.96	17.85	19.50
		12	0	17.96	18.04	17.94	19.50
		12	6	17.84	18.00	17.85	19.50
		12	13	17.85	17.98	17.89	19.50
		25	0	17.86	17.96	17.83	19.50
	16QAM	1	0	17.87	17.94	17.84	19.50
		1	13	17.90	18.01	17.86	19.50
		1	24	17.82	17.94	17.82	19.50
		12	0	17.89	17.96	17.86	19.50
		12	6	17.88	17.95	17.89	19.50
		12	13	17.87	17.97	17.88	19.50
		25	0	17.86	17.98	17.80	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	23095	/	
10MHz	QPSK	1	0	/	18.21	/	19.50
		1	25	/	18.09	/	19.50
		1	49	/	18.06	/	19.50
		25	0	/	18.12	/	19.50
		25	13	/	18.09	/	19.50
		25	25	/	18.10	/	19.50
		50	0	/	18.06	/	19.50
	16QAM	1	0	/	18.08	/	19.50
		1	25	/	18.11	/	19.50
		1	49	/	18.08	/	19.50
		25	0	/	18.06	/	19.50
		25	13	/	18.04	/	19.50
		25	25	/	18.07	/	19.50
		50	0	/	18.08	/	19.50

LTE FDD Band 13 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	22.73	/	24.00
		1	13	/	22.66	/	24.00
		1	24	/	22.43	/	24.00
		12	0	/	21.66	/	23.00
		12	6	/	21.47	/	23.00
		12	13	/	21.46	/	23.00
	16QAM	25	0	/	21.53	/	23.00
		1	0	/	21.78	/	23.00
		1	13	/	21.46	/	23.00
		1	24	/	21.49	/	23.00
		12	0	/	20.51	/	22.00
		12	6	/	20.50	/	22.00
		12	13	/	20.41	/	22.00
		25	0	/	20.50	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	22.84	/	24.00
		1	25	/	22.76	/	24.00
		1	49	/	22.45	/	24.00
		25	0	/	21.74	/	23.00
		25	13	/	21.56	/	23.00
		25	25	/	21.48	/	23.00
	16QAM	50	0	/	21.63	/	23.00
		1	0	/	21.89	/	23.00
		1	25	/	21.55	/	23.00
		1	49	/	21.59	/	23.00
		25	0	/	20.59	/	22.00
		25	13	/	20.58	/	22.00
		25	25	/	20.46	/	22.00
		50	0	/	20.61	/	22.00

LTE FDD Band 13 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	18.16	/	19.50
		1	13	/	18.04	/	19.50
		1	24	/	18.04	/	19.50
		12	0	/	18.09	/	19.50
		12	6	/	18.06	/	19.50
		12	13	/	18.08	/	19.50
	16QAM	25	0	/	18.03	/	19.50
		1	0	/	18.05	/	19.50
		1	13	/	18.06	/	19.50
		1	24	/	18.07	/	19.50
		12	0	/	18.02	/	19.50
		12	6	/	18.03	/	19.50
		12	13	/	18.06	/	19.50
		25	0	/	18.08	/	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	18.31	/	19.50
		1	25	/	18.18	/	19.50
		1	49	/	18.11	/	19.50
		25	0	/	18.23	/	19.50
		25	13	/	18.19	/	19.50
		25	25	/	18.2	/	19.50
	16QAM	50	0	/	18.13	/	19.50
		1	0	/	18.14	/	19.50
		1	25	/	18.17	/	19.50
		1	49	/	18.21	/	19.50
		25	0	/	18.14	/	19.50
		25	13	/	18.14	/	19.50
		25	25	/	18.17	/	19.50
		50	0	/	18.14	/	19.50

LTE FDD Band 17 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	22.87	/	24.00
		1	13	/	22.69	/	24.00
		1	24	/	22.76	/	24.00
		12	0	/	21.77	/	23.00
		12	6	/	22.04	/	23.00
		12	13	/	21.95	/	23.00
	16QAM	25	0	/	21.90	/	23.00
		1	0	/	21.97	/	23.00
		1	13	/	21.74	/	23.00
		1	24	/	21.52	/	23.00
		12	0	/	21.06	/	22.00
		12	6	/	20.97	/	22.00
10MHz	QPSK	12	13	/	20.89	/	22.00
		25	0	/	20.94	/	22.00
	16QAM	1	0	/	23.03	/	24.00
		1	25	/	22.89	/	24.00
		1	49	/	22.92	/	24.00
		25	0	/	21.99	/	23.00
		25	13	/	22.10	/	23.00
		25	25	/	22.08	/	23.00
	16QAM	50	0	/	22.06	/	23.00
		1	0	/	22.09	/	23.00
		1	25	/	21.97	/	23.00
		1	49	/	21.60	/	23.00
		25	0	/	21.15	/	22.00
		25	13	/	21.09	/	22.00
		25	25	/	20.99	/	22.00
		50	0	/	21.12	/	22.00

LTE FDD Band 17 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	17.86	/	19.00
		1	13	/	17.82	/	19.00
		1	24	/	17.75	/	19.00
		12	0	/	17.80	/	19.00
		12	6	/	17.80	/	19.00
		12	13	/	17.77	/	19.00
	16QAM	25	0	/	17.73	/	19.00
		1	0	/	17.77	/	19.00
		1	13	/	17.79	/	19.00
		1	24	/	17.77	/	19.00
		12	0	/	17.75	/	19.00
		12	6	/	17.73	/	19.00
		12	13	/	17.74	/	19.00

		25	0	/	17.79	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	17.99	/	19.00
		1	25	/	17.91	/	19.00
		1	49	/	17.85	/	19.00
		25	0	/	17.91	/	19.00
		25	13	/	17.91	/	19.00
		25	25	/	17.88	/	19.00
		50	0	/	17.85	/	19.00
	16QAM	1	0	/	17.90	/	19.00
		1	25	/	17.87	/	19.00
		1	49	/	17.91	/	19.00
		25	0	/	17.89	/	19.00
		25	13	/	17.86	/	19.00
		25	25	/	17.89	/	19.00
		50	0	/	17.90	/	19.00

LTE Band 26 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.27	23.35	23.37	24.00
		1	2	23.33	23.36	23.29	24.00
		1	5	23.17	23.17	23.26	24.00
		3	0	23.31	23.37	23.32	24.00
		3	2	23.25	23.22	23.26	24.00
		3	3	23.08	23.08	23.07	24.00
	16QAM	6	0	22.60	22.57	22.56	23.00
		1	0	22.62	22.58	22.56	23.00
		1	2	22.36	22.27	22.33	23.00
		1	5	22.10	22.08	22.01	23.00
		3	0	22.39	22.30	22.31	23.00
		3	2	22.27	22.26	22.34	23.00
		3	3	22.03	22.03	22.02	23.00
		6	0	21.25	21.18	21.26	22.00
3MHz	QPSK	1	0	23.31	23.36	23.23	24.00
		1	7	23.09	23.23	23.16	24.00
		1	14	22.85	23.02	22.89	24.00
		8	0	22.09	22.24	22.08	23.00
		8	4	21.97	22.05	21.93	23.00
		8	7	21.86	22.01	21.84	23.00
	16QAM	15	0	21.95	22.12	21.96	23.00
		1	0	22.20	22.37	22.24	23.00
		1	7	21.92	22.08	21.91	23.00
		1	14	21.98	22.10	21.98	23.00
		8	0	20.99	21.09	21.02	22.00
		8	4	20.89	21.06	20.96	22.00
		8	7	20.79	20.95	20.87	22.00
		15	0	20.97	21.08	21.01	22.00
5MHz	QPSK	1	0	23.24	23.37	23.19	24.00
		1	13	23.14	23.26	23.16	24.00
		1	24	22.86	23.00	22.92	24.00
		12	0	22.10	22.21	22.06	23.00
		12	6	21.98	22.08	21.94	23.00
		12	13	21.79	22.00	21.81	23.00
	16QAM	25	0	21.93	22.10	21.98	23.00
		1	0	22.21	22.35	22.23	23.00
		1	13	21.93	22.06	21.94	23.00
		1	24	21.99	22.15	22.02	23.00
		12	0	21.03	21.12	21.05	22.00
		12	6	20.94	21.07	20.98	22.00
		12	13	20.83	20.97	20.86	22.00
		25	0	20.92	21.07	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				26740	26865	26990	
10MHz	QPSK	1	0	23.31	23.36	23.23	24.00
		1	25	23.15	23.27	23.16	24.00
		1	49	22.88	22.97	22.94	24.00
		25	0	22.06	22.17	22.06	23.00
		25	13	21.95	22.02	21.91	23.00
		25	25	21.84	22.00	21.83	23.00
	16QAM	50	0	21.98	22.05	21.97	23.00
		1	0	22.26	22.41	22.23	23.00
		1	25	21.94	22.01	21.96	23.00
		1	49	22.01	22.08	22.03	23.00
		25	0	21.02	21.11	20.98	22.00
		25	13	20.93	21.05	20.95	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.46	/	24.00
		1	38	/	23.36	/	24.00
		1	74	/	23.10	/	24.00
		36	0	/	22.31	/	23.00
		36	18	/	22.17	/	23.00
		36	39	/	22.09	/	23.00
	16QAM	75	0	/	22.19	/	23.00
		1	0	/	22.49	/	23.00
		1	38	/	22.15	/	23.00
		1	74	/	22.22	/	23.00
		36	0	/	21.21	/	22.00
		36	18	/	21.19	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	
				/	26865	/	

LTE Band 26 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26697	26865	27033	20.00
		1	2	19.19	19.31	19.17	20.00
		1	5	19.16	19.21	19.15	20.00
		3	0	19.21	19.25	19.19	20.00
		3	2	19.13	19.23	19.11	20.00
		3	3	19.13	19.18	19.13	20.00
	16QAM	6	0	19.14	19.29	19.16	20.00
		1	0	19.11	19.21	19.11	20.00
		1	2	19.12	19.20	19.12	20.00
		1	5	19.10	19.25	19.11	20.00
		3	0	19.16	19.28	19.15	20.00
		3	2	19.16	19.21	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	6	0	19.15	19.29	19.17	20.00
		1	0	19.14	19.28	19.12	20.00
		1	7	19.17	19.32	19.19	20.00
		1	14	19.12	19.22	19.08	20.00
		8	0	19.22	19.25	19.22	20.00
		8	4	19.14	19.23	19.09	20.00
	16QAM	8	7	19.16	19.22	19.07	20.00
		8	0	19.21	19.22	19.15	20.00
		15	0	19.13	19.22	19.14	20.00
		1	0	19.06	19.25	19.10	20.00
		1	7	19.12	19.27	19.18	20.00
		1	14	19.15	19.29	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	19.16	19.23	19.10	20.00
				19.23	19.31	19.21	20.00

		1	13	19.14	19.28	19.13	20.00
		1	24	19.21	19.30	19.21	20.00
		12	0	19.11	19.26	19.13	20.00
		12	6	19.14	19.22	19.09	20.00
		12	13	19.19	19.27	19.20	20.00
		25	0	19.09	19.21	19.16	20.00
	16QAM	1	0	19.12	19.20	19.15	20.00
		1	13	19.06	19.24	19.14	20.00
		1	24	19.18	19.27	19.10	20.00
		12	0	19.14	19.17	19.10	20.00
		12	6	19.16	19.25	19.20	20.00
		12	13	19.16	19.26	19.22	20.00
		25	0	19.15	19.24	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	19.19	19.31	19.17	20.00
		1	25	19.11	19.26	19.10	20.00
		1	49	19.16	19.27	19.21	20.00
		25	0	19.17	19.23	19.11	20.00
		25	13	19.14	19.18	19.09	20.00
		25	25	19.18	19.27	19.16	20.00
		50	0	19.11	19.23	19.14	20.00
	16QAM	1	0	19.12	19.22	19.12	20.00
		1	25	19.07	19.27	19.11	20.00
		1	49	19.15	19.30	19.17	20.00
		25	0	19.16	19.18	19.09	20.00
		25	13	19.13	19.25	19.16	20.00
		25	25	19.18	19.28	19.18	20.00
		50	0	19.14	19.21	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	19.42	/	20.00
		1	38	/	19.35	/	20.00
		1	74	/	19.38	/	20.00
		36	0	/	19.35	/	20.00
		36	18	/	19.33	/	20.00
		36	39	/	19.37	/	20.00
		75	0	/	19.34	/	20.00
	16QAM	1	0	/	19.33	/	20.00
		1	38	/	19.34	/	20.00
		1	74	/	19.38	/	20.00
		36	0	/	19.32	/	20.00
		36	18	/	19.38	/	20.00
		36	39	/	19.39	/	20.00
		75	0	/	19.35	/	20.00

LTE Band 25 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26047	26365	26683	24.00
		1	2	23.17	23.20	23.14	24.00
		1	5	23.03	23.14	23.06	24.00
		3	0	23.04	23.10	23.03	24.00
		3	0	23.03	23.08	23.00	24.00
		3	2	23.03	23.07	23.00	24.00
		3	3	23.03	23.06	23.01	24.00
		6	0	22.07	22.19	22.05	23.00
	16QAM	1	0	22.12	22.25	22.05	23.00
		1	2	22.14	22.22	22.04	23.00
		1	5	22.17	22.23	22.08	23.00
		3	0	22.03	22.09	22.01	23.00
		3	2	22.03	22.11	22.05	23.00
		3	3	22.04	22.10	22.03	23.00
		6	0	21.08	21.09	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	23.19	23.21	23.16	24.00
		1	7	23.07	23.19	23.07	24.00
		1	14	23.03	23.14	23.02	24.00

		8	0	22.14	22.41	22.24	23.00
		8	4	22.10	22.20	22.14	23.00
		8	7	22.05	22.25	22.06	23.00
		15	0	22.11	22.24	22.11	23.00
	16QAM	1	0	22.14	22.22	22.07	23.00
		1	7	22.19	22.23	22.04	23.00
		1	14	22.19	22.27	22.08	23.00
		8	0	21.07	21.06	21.12	22.00
		8	4	21.16	21.05	21.07	22.00
		8	7	21.02	21.10	21.10	22.00
		15	0	21.09	21.07	21.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	23.16	23.20	23.15	24.00
		1	13	23.02	23.15	23.07	24.00
		1	24	23.09	23.11	23.04	24.00
		12	0	22.19	22.35	22.23	23.00
		12	6	22.09	22.20	22.07	23.00
		12	13	22.03	22.23	22.11	23.00
		25	0	22.09	22.24	22.07	23.00
	16QAM	1	0	22.18	22.22	22.06	23.00
		1	13	22.16	22.26	22.06	23.00
		1	24	22.23	22.23	22.14	23.00
		12	0	21.10	21.11	21.14	22.00
		12	6	21.07	21.07	21.07	22.00
		12	13	21.07	21.14	21.14	22.00
		25	0	21.07	21.07	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	23.17	23.20	23.14	24.00
		1	25	23.07	23.13	23.07	24.00
		1	49	23.08	23.10	23.06	24.00
		25	0	22.18	22.34	22.21	23.00
		25	13	22.10	22.23	22.11	23.00
		25	25	22.07	22.23	22.10	23.00
		50	0	22.10	22.18	22.09	23.00
	16QAM	1	0	22.17	22.30	22.09	23.00
		1	25	22.19	22.26	22.07	23.00
		1	49	22.22	22.23	22.08	23.00
		25	0	21.06	21.08	21.10	22.00
		25	13	21.07	21.07	21.07	22.00
		25	25	21.08	21.09	21.13	22.00
		50	0	21.12	21.08	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	23.20	23.22	23.17	24.00
		1	38	23.05	23.17	23.07	24.00
		1	74	23.08	23.16	23.07	24.00
		36	0	22.16	22.38	22.22	23.00
		36	18	22.12	22.20	22.12	23.00
		36	39	22.08	22.24	22.10	23.00
		75	0	22.09	22.24	22.06	23.00
	16QAM	1	0	22.18	22.23	22.11	23.00
		1	38	22.19	22.29	22.09	23.00
		1	74	22.22	22.28	22.08	23.00
		36	0	21.03	21.11	21.10	22.00
		36	18	21.09	21.07	21.05	22.00
		36	39	21.04	21.10	21.07	22.00
		75	0	21.12	21.08	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	23.30	23.34	23.28	24.00
		1	50	23.16	23.28	23.20	24.00
		1	99	23.18	23.23	23.16	24.00
		50	0	22.28	22.49	22.35	23.00
		50	25	22.20	22.35	22.21	23.00
		50	50	22.17	22.35	22.19	23.00
		100	0	22.21	22.33	22.18	23.00
	16QAM	1	0	22.26	22.37	22.20	23.00
		1	50	22.28	22.36	22.18	23.00

		1	99	22.31	22.36	22.21	23.00
		50	0	21.17	21.20	21.22	22.00
		50	25	21.10	21.16	21.17	22.00
		50	50	21.17	21.22	21.22	22.00
		100	0	21.21	21.21	21.19	22.00

LTE Band 25 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	11.22	11.22	11.15	12.00
		1	2	11.09	11.14	11.12	12.00
		1	5	11.03	11.13	11.10	12.00
		3	0	11.04	11.21	11.13	12.00
		3	2	11.08	11.15	11.12	12.00
		3	3	11.03	11.17	11.07	12.00
		6	0	11.06	11.17	11.07	12.00
	16QAM	1	0	11.04	11.15	11.08	12.00
		1	2	11.06	11.15	11.07	12.00
		1	5	11.02	11.18	11.08	12.00
		3	0	11.05	11.14	11.12	12.00
		3	2	11.07	11.20	11.08	12.00
		3	3	11.06	11.14	11.11	12.00
		6	0	11.07	11.18	11.12	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	11.20	11.23	11.20	12.00
		1	7	11.04	11.15	11.06	12.00
		1	14	11.06	11.13	11.08	12.00
		8	0	11.03	11.16	11.06	12.00
		8	4	11.07	11.14	11.10	12.00
		8	7	11.03	11.16	11.06	12.00
		15	0	11.03	11.19	11.07	12.00
	16QAM	1	0	11.05	11.20	11.09	12.00
		1	7	11.08	11.14	11.06	12.00
		1	14	11.09	11.19	11.08	12.00
		8	0	11.04	11.21	11.08	12.00
		8	4	11.08	11.19	11.10	12.00
		8	7	11.02	11.17	11.10	12.00
		15	0	11.08	11.13	11.08	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	11.21	11.25	11.15	12.00
		1	13	11.07	11.17	11.08	12.00
		1	24	11.09	11.18	11.09	12.00
		12	0	11.01	11.13	11.06	12.00
		12	6	11.05	11.20	11.06	12.00
		12	13	11.02	11.15	11.12	12.00
		25	0	11.06	11.15	11.11	12.00
	16QAM	1	0	11.03	11.17	11.07	12.00
		1	13	11.04	11.18	11.11	12.00
		1	24	11.07	11.16	11.11	12.00
		12	0	11.08	11.19	11.10	12.00
		12	6	11.05	11.16	11.08	12.00
		12	13	11.02	11.15	11.11	12.00
		25	0	11.04	11.20	11.08	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	11.20	11.24	11.17	12.00
		1	25	11.01	11.16	11.07	12.00
		1	49	11.01	11.16	11.10	12.00
		25	0	11.08	11.17	11.08	12.00
		25	13	11.03	11.15	11.13	12.00
		25	25	11.06	11.14	11.10	12.00
		50	0	11.06	11.21	11.12	12.00
	16QAM	1	0	11.06	11.21	11.06	12.00
		1	25	11.06	11.17	11.09	12.00
		1	49	11.04	11.17	11.12	12.00
		25	0	11.08	11.14	11.08	12.00

		25	13	11.05	11.14	11.09	12.00
		25	25	11.05	11.19	11.13	12.00
		50	0	11.05	11.17	11.10	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	26115	26365	26615	12.00
		1	38	11.16	11.23	11.13	12.00
		1	74	11.02	11.19	11.11	12.00
		1	74	11.08	11.16	11.11	12.00
		36	0	11.09	11.20	11.10	12.00
		36	18	11.03	11.16	11.06	12.00
		36	39	11.08	11.15	11.12	12.00
	16QAM	75	0	11.07	11.17	11.10	12.00
		1	0	11.09	11.18	11.12	12.00
		1	38	11.02	11.20	11.09	12.00
		1	74	11.04	11.15	11.06	12.00
		36	0	11.07	11.20	11.09	12.00
		36	18	11.07	11.16	11.12	12.00
		36	39	11.05	11.20	11.07	12.00
		75	0	11.04	11.21	11.06	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	26140	26365	26590	12.00
		1	50	11.27	11.33	11.26	12.00
		1	99	11.12	11.27	11.16	12.00
		1	99	11.13	11.28	11.16	12.00
		50	0	11.15	11.31	11.21	12.00
		50	25	11.16	11.26	11.22	12.00
		50	50	11.11	11.28	11.20	12.00
	16QAM	100	0	11.17	11.30	11.22	12.00
		1	0	11.17	11.23	11.20	12.00
		1	50	11.15	11.28	11.19	12.00
		1	99	11.18	11.28	11.17	12.00
		50	0	11.15	11.29	11.19	12.00
		50	25	11.12	11.27	11.17	12.00
		50	50	11.17	11.28	11.18	12.00
		100	0	11.18	11.30	11.20	12.00

LTE FDD Band 30 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	27710	/	24.00
		1	13	/	22.55	/	24.00
		1	24	/	22.43	/	24.00
		12	0	/	22.49	/	24.00
		12	6	/	22.27	/	23.00
		12	13	/	22.20	/	23.00
		12	13	/	22.12	/	23.00
	16QAM	25	0	/	22.27	/	23.00
		1	0	/	22.15	/	23.00
		1	13	/	22.04	/	23.00
		1	24	/	22.04	/	23.00
		12	0	/	21.23	/	22.00
		12	6	/	21.08	/	22.00
		12	13	/	21.13	/	22.00
		25	0	/	21.18	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	24.00
		1	25	/	22.64	/	24.00
		1	49	/	22.56	/	24.00
		1	49	/	22.61	/	24.00
		25	0	/	22.35	/	23.00
		25	13	/	22.33	/	23.00
		25	25	/	22.25	/	23.00
	16QAM	50	0	/	22.30	/	23.00
		1	0	/	22.26	/	23.00
		1	25	/	22.26	/	23.00
		1	49	/	22.16	/	23.00
		25	0	/	22.14	/	23.00
		25	13	/	21.30	/	22.00
		25	25	/	21.23	/	22.00
		25	25	/	21.25	/	22.00

		50	0	/	21.27	/	22.00
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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	/	14.50
		1	13	/	13.03	/	14.50
		1	24	/	12.93	/	14.50
		12	0	/	12.95	/	14.50
		12	6	/	12.98	/	14.50
		12	13	/	12.98	/	14.50
		25	0	/	12.95	/	14.50
	16QAM	1	0	/	12.98	/	14.50
		1	13	/	12.97	/	14.50
		1	24	/	12.95	/	14.50
		12	0	/	12.92	/	14.50
		12	6	/	12.93	/	14.50
		12	13	/	12.94	/	14.50
		12	25	/	12.96	/	14.50
		25	0	/	12.98	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	14.50
		1	25	/	13.14	/	14.50
		1	49	/	13.08	/	14.50
		25	0	/	13.07	/	14.50
		25	13	/	13.03	/	14.50
		25	25	/	13.08	/	14.50
		50	0	/	13.06	/	14.50
	16QAM	1	0	/	13.08	/	14.50
		1	25	/	13.04	/	14.50
		1	49	/	13.03	/	14.50
		25	0	/	13.06	/	14.50
		25	13	/	13.04	/	14.50
		25	25	/	13.07	/	14.50
		50	0	/	13.08	/	14.50

LTE Band 66 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	24.00
		1	2	22.34	22.50	22.32	24.00
		1	5	22.30	22.46	22.30	24.00
		3	0	22.06	22.09	22.03	24.00
		3	1	22.37	22.45	22.34	24.00
		3	3	22.32	22.46	22.27	24.00
		6	0	22.03	22.15	22.09	24.00
	16QAM	1	0	21.20	21.31	21.16	23.00
		1	2	21.56	21.66	21.54	23.00
		1	5	21.18	21.39	21.26	23.00
		3	0	21.37	21.49	21.22	23.00
		3	1	21.32	21.38	21.26	23.00
		3	3	21.28	21.21	21.16	23.00
		6	0	21.30	21.29	21.26	23.00
		6	0	20.63	20.74	20.69	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	131987	132322	132657	24.00
		1	7	22.33	22.46	22.37	24.00
		1	14	22.29	22.45	22.29	24.00
		8	0	22.05	22.11	22.05	24.00
		8	4	21.33	21.39	21.28	23.00
		8	7	21.26	21.23	21.12	23.00
		15	0	21.31	21.30	21.24	23.00
	16QAM	1	0	21.22	21.29	21.17	23.00
		1	7	21.56	21.66	21.58	23.00
		1	14	21.17	21.36	21.25	23.00
		8	0	21.35	21.50	21.26	23.00
		8	4	20.20	20.26	20.17	22.00
		8	4	20.63	20.85	20.66	22.00

		8	7	20.52	20.51	20.42	22.00
		15	0	20.63	20.71	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	22.32	22.45	22.38	24.00
		1	13	22.30	22.42	22.26	24.00
		1	24	22.01	22.11	22.03	24.00
		12	0	21.30	21.38	21.22	23.00
		12	6	21.27	21.22	21.12	23.00
		12	13	21.26	21.28	21.19	23.00
		25	0	21.14	21.35	21.21	23.00
	16QAM	1	0	21.51	21.69	21.53	23.00
		1	13	21.19	21.35	21.23	23.00
		1	24	21.35	21.52	21.22	23.00
		12	0	20.14	20.25	20.15	22.00
		12	6	20.70	20.81	20.71	22.00
		12	13	20.46	20.56	20.45	22.00
		25	0	20.56	20.71	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.37	22.47	22.33	24.00
		1	25	22.29	22.45	22.28	24.00
		1	49	22.03	22.15	22.09	24.00
		25	0	21.30	21.34	21.23	23.00
		25	13	21.28	21.21	21.16	23.00
		25	25	21.25	21.30	21.20	23.00
		50	0	21.15	21.32	21.18	23.00
	16QAM	1	0	21.49	21.66	21.52	23.00
		1	25	21.15	21.36	21.28	23.00
		1	49	21.38	21.54	21.20	23.00
		25	0	20.18	20.28	20.10	22.00
		25	13	20.63	20.86	20.66	22.00
		25	25	20.49	20.55	20.39	22.00
		50	0	20.59	20.75	20.71	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.30	22.48	22.38	24.00
		1	38	22.26	22.44	22.28	24.00
		1	74	22.07	22.10	22.04	24.00
		36	0	21.29	21.36	21.27	23.00
		36	18	21.23	21.19	21.14	23.00
		36	39	21.29	21.29	21.20	23.00
		75	0	21.19	21.34	21.17	23.00
	16QAM	1	0	21.50	21.73	21.55	23.00
		1	38	21.15	21.37	21.28	23.00
		1	74	21.40	21.48	21.24	23.00
		36	0	20.18	20.24	20.11	22.00
		36	18	20.66	20.83	20.66	22.00
		36	39	20.44	20.56	20.44	22.00
		75	0	20.58	20.76	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.45	22.57	22.46	24.00
		1	50	22.40	22.53	22.40	24.00
		1	99	22.16	22.23	22.17	24.00
		50	0	21.41	21.46	21.37	23.00
		50	25	21.36	21.32	21.27	23.00
		50	50	21.39	21.42	21.33	23.00
		100	0	21.29	21.44	21.29	23.00
	16QAM	1	0	21.64	21.80	21.67	23.00
		1	50	21.30	21.49	21.36	23.00
		1	99	21.49	21.61	21.34	23.00
		50	0	20.28	20.37	20.24	22.00
		50	25	20.77	20.95	20.81	22.00
		50	50	20.59	20.66	20.54	22.00
		100	0	20.71	20.85	20.80	22.00

LTE Band 66 sensor on	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	13.81	13.97	13.87	15.50
		1	2	13.78	13.94	13.79	15.50
		1	5	13.81	13.90	13.77	15.50
		3	0	13.82	13.93	13.77	15.50
		3	1	13.81	13.90	13.76	15.50
		3	3	13.82	13.94	13.83	15.50
	16QAM	6	0	13.82	13.91	13.83	15.50
		1	0	13.82	13.95	13.82	15.50
		1	2	13.82	13.96	13.79	15.50
		1	5	13.80	13.93	13.77	15.50
		3	0	13.82	13.95	13.77	15.50
		3	1	13.78	13.94	13.82	15.50
3MHz	QPSK	3	3	13.83	13.96	13.81	15.50
		6	0	13.81	13.93	13.77	15.50
	16QAM	1	0	13.86	13.98	13.86	15.50
		1	7	13.78	13.90	13.76	15.50
		1	14	13.82	13.90	13.77	15.50
		8	0	13.78	13.90	13.83	15.50
	16QAM	8	4	13.79	13.96	13.80	15.50
		8	7	13.79	13.93	13.80	15.50
		15	0	13.82	13.95	13.77	15.50
		1	0	13.75	13.95	13.79	15.50
		1	7	13.82	13.95	13.78	15.50
		1	14	13.77	13.90	13.81	15.50
5MHz	QPSK	8	0	13.82	13.92	13.78	15.50
		8	4	13.76	13.93	13.79	15.50
		8	7	13.76	13.88	13.76	15.50
		15	0	13.77	13.91	13.83	15.50
	16QAM	1	0	13.82	13.99	13.89	15.50
		1	13	13.81	13.94	13.82	15.50
		1	24	13.76	13.90	13.79	15.50
		12	0	13.81	13.91	13.77	15.50
		12	6	13.77	13.89	13.77	15.50
		12	13	13.82	13.91	13.78	15.50
10MHz	QPSK	25	0	13.80	13.94	13.77	15.50
		1	0	13.76	13.95	13.81	15.50
		1	13	13.77	13.90	13.75	15.50
		1	24	13.83	13.91	13.82	15.50
		12	0	13.82	13.92	13.79	15.50
		12	6	13.79	13.96	13.82	15.50
	16QAM	12	13	13.78	13.95	13.80	15.50
		25	0	13.81	13.95	13.82	15.50
		1	0	13.88	13.98	13.83	15.50
		1	25	13.82	13.95	13.82	15.50
		1	49	13.81	13.88	13.78	15.50
		25	0	13.82	13.90	13.77	15.50
15MHz	QPSK	25	13	13.75	13.90	13.76	15.50
		25	25	13.78	13.92	13.79	15.50
		50	0	13.78	13.93	13.81	15.50
	16QAM	1	0	13.77	13.92	13.80	15.50
		1	25	13.75	13.89	13.82	15.50
		1	49	13.77	13.88	13.79	15.50
	QPSK	25	0	13.80	13.94	13.76	15.50
		25	13	13.79	13.93	13.79	15.50
		25	25	13.77	13.93	13.77	15.50
		50	0	13.78	13.92	13.78	15.50
	16QAM	1	0	13.87	13.93	13.83	15.50
		1	38	13.76	13.89	13.81	15.50
		1	74	13.82	13.95	13.83	15.50
		36	0	13.83	13.91	13.75	15.50

	16QAM	36	18	13.82	13.91	13.79	15.50
		36	39	13.83	13.94	13.75	15.50
		75	0	13.82	13.89	13.83	15.50
		1	0	13.76	13.89	13.81	15.50
		1	38	13.76	13.96	13.75	15.50
		1	74	13.76	13.90	13.76	15.50
		36	0	13.83	13.93	13.77	15.50
		36	18	13.83	13.96	13.82	15.50
		36	39	13.78	13.93	13.80	15.50
		75	0	13.78	13.93	13.78	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	13.96	14.09	13.96	15.50
		1	50	13.89	14.01	13.92	15.50
		1	99	13.89	14.02	13.87	15.50
		50	0	13.92	13.99	13.88	15.50
		50	25	13.90	14.03	13.91	15.50
		50	50	13.88	14.06	13.89	15.50
		100	0	13.86	13.98	13.87	15.50
	16QAM	1	0	13.88	13.99	13.89	15.50
		1	50	13.86	14.01	13.88	15.50
		1	99	13.92	13.99	13.87	15.50
		50	0	13.87	14.04	13.87	15.50
		50	25	13.88	14.02	13.90	15.50
		50	50	13.90	14.03	13.91	15.50
		100	0	13.87	14.06	13.89	15.50

LTE Band 38 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	22.73	22.86	22.76	24.00
		1	13	22.62	22.76	22.65	24.00
		1	24	22.64	22.74	22.65	24.00
		12	0	19.98	20.04	19.87	21.00
		12	6	19.80	19.87	19.77	21.00
		12	13	19.81	19.92	19.85	21.00
		25	0	19.90	20.00	19.90	21.00
	16QAM	1	0	19.50	19.57	19.49	21.00
		1	13	19.35	19.43	19.34	21.00
		1	24	19.35	19.47	19.34	21.00
		12	0	18.72	18.85	18.71	20.00
		12	6	18.55	18.69	18.58	20.00
		12	13	18.60	18.73	18.62	20.00
		25	0	18.83	18.89	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	22.77	22.84	22.73	24.00
		1	25	22.62	22.76	22.64	24.00
		1	49	22.64	22.77	22.64	24.00
		25	0	19.98	20.07	19.89	21.00
		25	13	19.80	19.87	19.74	21.00
		25	25	19.79	19.96	19.82	21.00
		50	0	19.89	20.00	19.85	21.00
	16QAM	1	0	19.50	19.57	19.46	21.00
		1	25	19.35	19.45	19.36	21.00
		1	49	19.34	19.46	19.35	21.00
		25	0	18.76	18.84	18.69	20.00
		25	13	18.58	18.66	18.60	20.00
		25	25	18.57	18.70	18.60	20.00
		50	0	18.82	18.94	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	22.76	22.87	22.76	24.00
		1	38	22.63	22.75	22.64	24.00
		1	74	22.64	22.78	22.63	24.00
		36	0	19.95	20.07	19.89	21.00
		36	18	19.79	19.87	19.76	21.00
		36	39	19.80	19.92	19.86	21.00

	16QAM	75	0	19.91	19.99	19.89	21.00
		1	0	19.49	19.57	19.48	21.00
		1	38	19.37	19.49	19.34	21.00
		1	74	19.33	19.47	19.34	21.00
		36	0	18.73	18.84	18.71	20.00
		36	18	18.53	18.68	18.57	20.00
		36	39	18.61	18.71	18.58	20.00
		75	0	18.79	18.90	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	24.00
		1	50	/	22.86	/	24.00
		1	99	/	22.87	/	24.00
		50	0	/	20.16	/	21.00
		50	25	/	20.01	/	21.00
		50	50	/	20.07	/	21.00
		100	0	/	20.13	/	21.00
	16QAM	1	0	/	19.71	/	21.00
		1	50	/	19.58	/	21.00
		1	99	/	19.59	/	21.00
		50	0	/	18.95	/	20.00
		50	25	/	18.80	/	20.00
		50	50	/	18.83	/	20.00
		100	0	/	19.04	/	20.00

LTE Band 38 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	14.50
		1	13	13.26	13.38	13.23	14.50
		1	24	13.12	13.22	13.11	14.50
		12	0	13.16	13.25	13.12	14.50
		12	6	13.15	13.22	13.11	14.50
		12	13	13.14	13.27	13.16	14.50
		25	0	13.10	13.24	13.15	14.50
	16QAM	1	0	13.15	13.24	13.20	14.50
		1	13	13.14	13.22	13.14	14.50
		1	24	13.19	13.23	13.20	14.50
		12	0	13.10	13.21	13.11	14.50
		12	6	13.09	13.25	13.16	14.50
		12	13	13.16	13.23	13.15	14.50
		25	0	13.14	13.20	13.15	14.50
10MHz	QPSK	1	0	37800	38000	38200	14.50
		1	25	13.20	13.39	13.25	14.50
		1	49	13.10	13.24	13.14	14.50
		25	0	13.14	13.23	13.14	14.50
		25	13	13.11	13.19	13.11	14.50
		25	25	13.12	13.29	13.14	14.50
		50	0	13.14	13.20	13.19	14.50
	16QAM	1	0	13.16	13.26	13.16	14.50
		1	25	13.16	13.24	13.12	14.50
		1	49	13.15	13.26	13.17	14.50
		25	0	13.09	13.23	13.17	14.50
		25	13	13.14	13.24	13.12	14.50
		25	25	13.16	13.28	13.18	14.50
		50	0	13.12	13.20	13.15	14.50
15MHz	QPSK	1	0	37825	38000	38175	14.50
		1	38	13.19	13.30	13.15	14.50
		1	74	13.22	13.37	13.22	14.50
		36	0	13.09	13.21	13.12	14.50
		36	18	13.12	13.22	13.13	14.50
		36	39	13.17	13.27	13.11	14.50
		75	0	13.13	13.18	13.11	14.50
	16QAM	1	0	13.19	13.24	13.15	14.50
		1	38	13.18	13.21	13.16	14.50
		1	74	13.18	13.21	13.16	14.50
		36	0	13.12	13.22	13.13	14.50
		36	18	13.17	13.27	13.11	14.50
		36	39	13.13	13.18	13.11	14.50
		75	0	13.19	13.24	13.15	14.50

		1	38	13.18	13.25	13.20	14.50
		1	74	13.09	13.24	13.13	14.50
		36	0	13.15	13.25	13.17	14.50
		36	18	13.17	13.29	13.19	14.50
		36	39	13.13	13.26	13.11	14.50
		75	0	13.14	13.31	13.17	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	13.48	/	14.50
		1	50	/	13.35	/	14.50
		1	99	/	13.33	/	14.50
		50	0	/	13.32	/	14.50
		50	25	/	13.37	/	14.50
		50	50	/	13.33	/	14.50
		100	0	/	13.39	/	14.50
	16QAM	1	0	/	13.35	/	14.50
		1	50	/	13.33	/	14.50
		1	99	/	13.35	/	14.50
		50	0	/	13.37	/	14.50
		50	25	/	13.37	/	14.50
		50	50	/	13.34	/	14.50
		100	0	/	13.38	/	14.50

LTE Band 41 sensor off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.14	22.12	22.24	22.16	22.17	24.00
		1	13	22.03	22.08	22.16	22.09	22.07	24.00
		1	24	22.04	22.07	22.17	22.01	22.03	24.00
		12	0	19.4	19.37	19.5	19.39	19.37	21.00
		12	6	19.28	19.26	19.35	19.28	19.26	21.00
		12	13	19.2	19.22	19.34	19.22	19.2	21.00
		25	0	19.35	19.34	19.48	19.35	19.33	21.00
	16QAM	1	0	19.37	19.36	19.5	19.38	19.37	21.00
		1	13	19.31	19.3	19.39	19.29	19.28	21.00
		1	24	19.2	19.23	19.35	19.25	19.2	21.00
		12	0	18.43	18.45	18.55	18.44	18.45	20.00
		12	6	18.3	18.32	18.46	18.34	18.37	20.00
		12	13	18.28	18.32	18.44	18.33	18.29	20.00
		25	0	18.28	18.31	18.46	18.28	18.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.15	22.14	22.27	22.13	22.12	24.00
		1	25	22.08	22.06	22.15	22.08	22.07	24.00
		1	49	22.04	22.02	22.16	22.06	22.05	24.00
		25	0	19.38	19.39	19.47	19.39	19.39	21.00
		25	13	19.23	19.25	19.37	19.27	19.29	21.00
		25	25	19.19	19.19	19.32	19.19	19.21	21.00
		50	0	19.34	19.37	19.48	19.36	19.37	21.00
	16QAM	1	0	19.4	19.36	19.48	19.43	19.37	21.00
		1	25	19.28	19.31	19.37	19.29	19.25	21.00
		1	49	19.26	19.24	19.37	19.23	19.18	21.00
		25	0	18.42	18.44	18.58	18.45	18.46	20.00
		25	13	18.34	18.32	18.46	18.32	18.37	20.00
		25	25	18.29	18.3	18.4	18.3	18.31	20.00
		50	0	18.31	18.31	18.41	18.28	18.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.2	22.13	22.27	22.12	22.12	24.00
		1	38	22.06	22.08	22.2	22.1	22.07	24.00
		1	74	22.05	22.06	22.19	22.04	22.02	24.00
		36	0	19.38	19.4	19.51	19.37	19.41	21.00
		36	18	19.25	19.28	19.39	19.27	19.23	21.00
		36	39	19.2	19.19	19.36	19.2	19.2	21.00
		75	0	19.33	19.39	19.48	19.36	19.35	21.00
	16QAM	1	0	19.4	19.37	19.49	19.38	19.34	21.00
		1	38	19.29	19.32	19.36	19.29	19.28	21.00
		1	74	19.22	19.22	19.35	19.26	19.18	21.00

		36	0	18.43	18.45	18.56	18.41	18.42	20.00
		36	18	18.31	18.33	18.46	18.35	18.34	20.00
		36	39	18.31	18.3	18.41	18.28	18.28	20.00
		75	0	18.3	18.34	18.42	18.31	18.3	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	39750	40185	40620	41055	41490	24.00
		1	50	22.29	22.26	22.39	22.26	22.26	24.00
		1	99	22.17	22.19	22.29	22.2	22.2	24.00
		1	99	22.16	22.16	22.2	22.16	22.16	24.00
		50	0	19.51	19.51	19.61	19.48	19.51	21.00
		50	25	19.37	19.38	19.48	19.37	19.38	21.00
		50	50	19.33	19.34	19.47	19.33	19.33	21.00
	16QAM	100	0	19.46	19.49	19.6	19.47	19.48	21.00
		1	0	19.49	19.48	19.61	19.52	19.46	21.00
		1	50	19.41	19.42	19.51	19.4	19.38	21.00
		1	99	19.35	19.37	19.47	19.37	19.32	21.00
		50	0	18.55	18.57	18.68	18.56	18.55	20.00
		50	25	18.44	18.45	18.57	18.47	18.47	20.00
		50	50	18.41	18.43	18.55	18.42	18.41	20.00
		100	0	18.42	18.44	18.56	18.41	18.44	20.00

LTE Band 41 sensor on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	14.50
		1	13	12.69	12.63	12.82	12.69	12.66	14.50
		1	24	12.6	12.59	12.68	12.61	12.6	14.50
		1	24	12.54	12.6	12.7	12.62	12.62	14.50
		12	0	12.55	12.57	12.7	12.59	12.64	14.50
		12	6	12.54	12.63	12.72	12.59	12.59	14.50
		12	13	12.54	12.6	12.71	12.64	12.55	14.50
	16QAM	25	0	12.6	12.61	12.69	12.64	12.62	14.50
		1	0	12.56	12.63	12.68	12.63	12.6	14.50
		1	13	12.57	12.59	12.7	12.63	12.64	14.50
		1	24	12.55	12.55	12.74	12.59	12.58	14.50
		12	0	12.55	12.6	12.72	12.59	12.61	14.50
		12	6	12.59	12.61	12.73	12.63	12.64	14.50
		12	13	12.55	12.56	12.66	12.63	12.57	14.50
		25	0	12.59	12.63	12.71	12.61	12.6	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	39700	40160	40620	41080	41540			
		1	0	12.68	12.64	12.81	12.69	12.66	14.50
		1	25	12.58	12.59	12.68	12.61	12.6	14.50
		1	49	12.53	12.58	12.7	12.62	12.6	14.50
		25	0	12.55	12.57	12.7	12.58	12.64	14.50
		25	13	12.54	12.64	12.71	12.6	12.59	14.50
		25	25	12.56	12.59	12.71	12.63	12.56	14.50
	16QAM	50	0	12.6	12.62	12.69	12.64	12.6	14.50
		1	0	12.57	12.62	12.69	12.63	12.6	14.50
		1	25	12.56	12.59	12.69	12.62	12.65	14.50
		1	49	12.55	12.54	12.72	12.59	12.59	14.50
		25	0	12.55	12.58	12.7	12.58	12.6	14.50
		25	13	12.59	12.62	12.73	12.63	12.63	14.50
		25	25	12.56	12.58	12.65	12.63	12.55	14.50
		50	0	12.59	12.63	12.72	12.62	12.59	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	QPSK	39725	40173	40620	41068	41515			
		1	0	12.67	12.63	12.81	12.68	12.66	14.50
		1	38	12.58	12.6	12.67	12.59	12.6	14.50
		1	74	12.53	12.59	12.69	12.62	12.6	14.50
		36	0	12.53	12.59	12.7	12.58	12.64	14.50
		36	18	12.54	12.63	12.72	12.6	12.59	14.50
		36	39	12.54	12.58	12.71	12.64	12.56	14.50
	16QAM	75	0	12.61	12.61	12.69	12.63	12.6	14.50
		1	0	12.56	12.64	12.67	12.62	12.6	14.50
		1	38	12.55	12.59	12.69	12.63	12.65	14.50
		1	74	12.55	12.54	12.73	12.59	12.59	14.50
		36	0	12.56	12.58	12.72	12.59	12.62	14.50
		36	18	12.59	12.62	12.72	12.62	12.64	14.50

		36	39	12.55	12.57	12.67	12.63	12.56	14.50
		75	0	12.58	12.62	12.72	12.61	12.59	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	12.77	12.72	12.9	12.78	12.75	14.50
		1	50	12.68	12.68	12.76	12.69	12.69	14.50
		1	99	12.62	12.68	12.79	12.71	12.7	14.50
		50	0	12.63	12.67	12.79	12.67	12.72	14.50
		50	25	12.63	12.72	12.81	12.68	12.68	14.50
		50	50	12.64	12.68	12.8	12.73	12.65	14.50
		100	0	12.69	12.7	12.78	12.72	12.7	14.50
	16QAM	1	0	12.65	12.72	12.77	12.72	12.69	14.50
		1	50	12.65	12.68	12.79	12.72	12.73	14.50
		1	99	12.64	12.64	12.82	12.68	12.68	14.50
		50	0	12.65	12.68	12.8	12.68	12.7	14.50
		50	25	12.68	12.71	12.82	12.71	12.72	14.50
		50	50	12.65	12.66	12.75	12.72	12.65	14.50
		100	0	12.68	12.72	12.81	12.7	12.68	14.50

LTE Band 71 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 133147	Channel 133297	Channel 133447	Tune up
5MHz	QPSK	1	0	23.12	23.14	23.08	24.00
		1	13	23.04	23.11	22.98	24.00
		1	24	22.97	23.07	22.97	24.00
		12	0	22.22	22.42	22.25	23.00
		12	6	22.45	22.51	22.41	23.00
		12	13	22.28	22.4	22.36	23.00
		25	0	22.43	22.34	22.32	23.00
	16QAM	1	0	22.37	22.53	22.57	23.00
		1	13	22.35	22.33	22.33	23.00
		1	24	22.36	22.45	22.35	23.00
		12	0	21.36	21.51	21.29	22.00
		12	6	21.37	21.42	21.33	22.00
		12	13	21.49	21.39	21.29	22.00
		25	0	21.41	21.47	21.44	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 133172	Channel 133297	Channel 133422	Tune up
10MHz	QPSK	1	0	23.05	23.19	23.04	24.00
		1	25	23.12	23.04	22.99	24.00
		1	49	23.06	23.07	23.03	24.00
		25	0	22.28	22.31	22.18	23.00
		25	13	22.46	22.48	22.28	23.00
		25	25	22.27	22.43	22.4	23.00
		50	0	22.34	22.44	22.29	23.00
	16QAM	1	0	22.38	22.52	22.52	23.00
		1	25	22.36	22.36	22.4	23.00
		1	49	22.44	22.42	22.29	23.00
		25	0	21.34	21.36	21.28	22.00
		25	13	21.38	21.41	21.39	22.00
		25	25	21.38	21.44	21.31	22.00
		50	0	21.37	21.39	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 133297	Channel /	Tune up
15MHz	QPSK	1	0	/	23.25	/	24.00
		1	38	/	23.19	/	24.00
		1	74	/	23.2	/	24.00
		36	0	/	22.45	/	23.00
		36	18	/	22.52	/	23.00
		36	39	/	22.49	/	23.00
		75	0	/	22.47	/	23.00
	16QAM	1	0	/	22.64	/	23.00
		1	38	/	22.47	/	23.00
		1	74	/	22.55	/	23.00
		36	0	/	21.51	/	22.00
		36	18	/	21.5	/	22.00
		36	39	/	21.51	/	22.00
		75	0	/	21.53	/	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	23.4	/	24.00
		1	50	/	23.29	/	24.00
		1	99	/	23.28	/	24.00
		50	0	/	22.6	/	23.00
		50	25	/	22.58	/	23.00
		50	50	/	22.58	/	23.00
	16QAM	100	0	/	22.56	/	23.00
		1	0	/	22.73	/	23.00
		1	50	/	22.58	/	23.00
		1	99	/	22.6	/	23.00
		50	0	/	21.58	/	22.00
		50	25	/	21.58	/	22.00
		50	50	/	21.55	/	22.00
		100	0	/	21.56	/	22.00

LTE Band 71 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	20.11	20.31	20.24	21.00
		1	13	20.07	20.18	20.04	21.00
		1	24	20.07	20.2	20.1	21.00
		12	0	20.04	20.14	20.05	21.00
		12	6	20.06	20.12	20.04	21.00
		12	13	20.05	20.15	20.06	21.00
	16QAM	25	0	20.09	20.16	20.06	21.00
		1	0	20.12	20.14	20.01	21.00
		1	13	20.07	20.19	20.04	21.00
		1	24	20.08	20.17	20.03	21.00
		12	0	20.05	20.15	20.06	21.00
		12	6	20.08	20.24	20.13	21.00
10MHz	QPSK	12	13	20.1	20.12	20.09	21.00
		25	0	20.11	20.14	20.06	21.00
	16QAM	1	0	20.14	20.28	20.23	21.00
		1	25	20.07	20.18	20.1	21.00
		1	49	20.05	20.18	20.09	21.00
		25	0	20.06	20.15	20.05	21.00
15MHz	QPSK	25	13	20.04	20.16	20.05	21.00
		25	25	20.05	20.11	20.1	21.00
		50	0	20.05	20.17	20.06	21.00
	16QAM	1	0	20.05	20.15	20.05	21.00
		1	25	20.07	20.2	19.99	21.00
		1	49	20.02	20.16	20.05	21.00
20MHz	QPSK	25	0	20.07	20.21	20.06	21.00
		25	13	20.04	20.17	20.12	21.00
		25	25	20.07	20.17	20.05	21.00
		50	0	20.05	20.14	20.04	21.00
	16QAM	1	0	20.27	20.2	/	21.00
		1	38	/	/	/	21.00
30MHz	QPSK	1	74	/	20.15	/	21.00
		36	0	/	20.21	/	21.00
		36	18	/	20.21	/	21.00
		36	39	/	20.17	/	21.00
		75	0	/	20.18	/	21.00
	16QAM	1	0	/	20.16	/	21.00
		1	38	/	20.16	/	21.00
		1	74	/	20.18	/	21.00
		36	0	/	20.19	/	21.00
		36	18	/	20.17	/	21.00
		36	39	/	20.18	/	21.00
40MHz	QPSK	75	0	/	20.17	/	21.00
	16QAM	1	0	/	20.17	/	21.00
		1	38	/	20.17	/	21.00
		1	74	/	20.18	/	21.00
		36	0	/	20.19	/	21.00
		36	18	/	20.17	/	21.00
50MHz	QPSK	36	39	/	20.18	/	21.00
		75	0	/	20.17	/	21.00
	16QAM	1	0	/	20.17	/	21.00
		1	38	/	20.17	/	21.00
		1	74	/	20.18	/	21.00
		36	0	/	20.19	/	21.00
60MHz	QPSK	36	18	/	20.17	/	21.00
		36	39	/	20.18	/	21.00
		75	0	/	20.17	/	21.00
	16QAM	1	0	/	20.17	/	21.00
		1	38	/	20.17	/	21.00
		1	74	/	20.18	/	21.00
80MHz	QPSK	36	0	/	20.19	/	21.00
		36	18	/	20.17	/	21.00
		36	39	/	20.18	/	21.00
		75	0	/	20.17	/	21.00
	16QAM	1	0	/	20.17	/	21.00
		1	38	/	20.17	/	21.00
100MHz	QPSK	1	74	/	20.18	/	21.00
		36	0	/	20.19	/	21.00
		36	18	/	20.17	/	21.00
		36	39	/	20.18	/	21.00
		75	0	/	20.17	/	21.00
	16QAM	1	0	/	20.17	/	21.00
		1	38	/	20.17	/	21.00
		1	74	/	20.18	/	21.00
		36	0	/	20.19	/	21.00
		36	18	/	20.17	/	21.00
		36	39	/	20.18	/	21.00



20MHz	QPSK	1	0	/	20.41	/	21.00
		1	50	/	20.27	/	21.00
		1	99	/	20.31	/	21.00
		50	0	/	20.25	/	21.00
		50	25	/	20.25	/	21.00
		50	50	/	20.25	/	21.00
	16QAM	100	0	/	20.3	/	21.00
		1	0	/	20.25	/	21.00
		1	50	/	20.3	/	21.00
		1	99	/	20.29	/	21.00
		50	0	/	20.28	/	21.00
		50	25	/	20.31	/	21.00
		50	50	/	20.25	/	21.00
		100	0	/	20.27	/	21.00

2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant2 sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.50	19.00
	6	2437		18.48	19.00
	11	2462		18.52	19.00
802.11g	1	2412	6	17.09	18.00
	6	2437		17.50	18.00
	11	2462		17.67	18.00
802.11n HT20	1	2412	6.5	16.49	17.00
	6	2437		16.08	17.00
	11	2462		16.19	17.00
802.11ax HE20	1	2412	MCS0	13.56	14.00
	6	2437		13.48	14.00
	11	2462		13.78	14.00

WIFI 2.4G Ant2 sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.45	11.00
	6	2437		10.47	11.00
	11	2462		10.48	11.00
802.11g	1	2412	6	10.09	11.00
	6	2437		10.47	11.00
	11	2462		10.64	11.00
802.11n HT20	1	2412	6.5	10.49	11.00
	6	2437		10.07	11.00
	11	2462		10.18	11.00
802.11ax HE20	1	2412	MCS0	10.51	11.00
	6	2437		10.46	11.00
	11	2462		10.77	11.00

WIFI 2.4G Ant3 sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.91	19.00
	6	2437		18.90	19.00
	11	2462		18.99	19.00
802.11g	1	2412	6	17.55	18.00
	6	2437		17.95	18.00
	11	2462		17.99	18.00
802.11n HT20	1	2412	6.5	16.94	17.00
	6	2437		16.57	17.00
	11	2462		16.65	17.00
802.11ax HE20	1	2412	MCS0	13.74	14.00
	6	2437		13.91	14.00
	11	2462		13.99	14.00

WIFI 2.4G Ant3 sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	10.89	11.00
	6	2437		10.86	11.00
	11	2462		10.96	11.00
802.11g	1	2412	6	10.51	11.00
	6	2437		10.95	11.00
	11	2462		10.95	11.00
802.11n HT20	1	2412	6.5	10.91	11.00
	6	2437		10.53	11.00
	11	2462		10.65	11.00
802.11ax HE20	1	2412	MCS0	10.74	11.00
	6	2437		10.90	11.00
	11	2462		10.98	11.00

WIFI 2.4G MIMO sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	/	/
	6	2437		/	/
	11	2462		/	/
802.11n HT20	1	2412	6.5	19.73	20.00
	6	2437		19.34	20.00
	11	2462		19.44	20.00
802.11ax HE20	1	2412	MCS0	16.66	17.00
	6	2437		16.71	17.00
	11	2462		16.90	17.00

WIFI 2.4G MIMO sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	/	/
	6	2437		/	/
	11	2462		/	/
802.11g	1	2412	6	/	/
	6	2437		/	/
	11	2462		/	/
802.11n HT20	1	2412	6.5	13.72	14.00
	6	2437		13.32	14.00
	11	2462		13.43	14.00
802.11ax HE20	1	2412	MCS0	13.64	14.00
	6	2437		13.70	14.00
	11	2462		13.89	14.00

2.2 Conducted Power of 5G WIFI

WIFI 5G Ant2 sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.20	17.00
		40	5200	16.36	17.00
		48	5240	16.13	17.00
	802.11n HT20	36	5180	15.17	17.00
		40	5200	15.25	17.00
		48	5240	15.15	17.00
	802.11n HT40	38	5190	15.94	17.00
		46	5230	15.97	17.00
	802.11ac VHT20	36	5180	15.55	16.00
		40	5200	15.51	16.00
		48	5240	15.52	16.00
	802.11ac VHT40	38	5190	14.29	15.00
		46	5230	14.41	15.00
	802.11ac VHT80	42	5210	15.25	16.00
		36	5180	15.52	16.00
		40	5200	15.49	16.00
5GHz U-NII-2A	802.11a	52	5260	16.55	17.00
		60	5300	16.57	17.00
		64	5320	16.41	17.00
	802.11n HT20	52	5260	16.45	17.00
		60	5300	16.54	17.00
		64	5320	16.31	17.00
	802.11n HT40	54	5270	15.92	17.00
		62	5310	15.91	17.00
	802.11ac VHT20	52	5260	15.44	16.00
		60	5300	15.28	16.00
		64	5320	15.59	16.00
	802.11ac VHT40	54	5270	14.48	15.00
		62	5310	14.15	15.00
	802.11ac VHT80	58	5290	15.34	16.00
		52	5260	15.45	16.00
		60	5300	15.30	16.00
5GHz UNII-2C	802.11a	64	5320	16.41	17.00
		52	5260	16.45	17.00
		60	5300	16.54	17.00
	802.11n HT20	52	5260	16.45	17.00
		60	5300	16.54	17.00
		64	5320	16.31	17.00
	802.11n HT40	54	5270	15.92	17.00
		62	5310	15.91	17.00
	802.11ac VHT20	52	5260	15.44	16.00
		60	5300	15.28	16.00
		64	5320	15.59	16.00
	802.11ac VHT40	54	5270	14.48	15.00
		62	5310	14.15	15.00
	802.11ac VHT80	58	5290	15.34	16.00
		52	5260	15.45	16.00
		60	5300	15.30	16.00

	802.11ax HE20	100	5500	14.79	16.00
		116	5580	15.12	16.00
		140	5700	14.95	16.00
	802.11ax HE40	102	5510	11.74	12.50
		110	5550	11.73	12.50
		134	5670	11.58	12.50
	802.11ax HE80	106	5530	10.13	12.00
		122	5610	10.41	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	16.11	17.00
		157	5785	16.27	17.00
		165	5825	15.96	17.00
	802.11n HT20	149	5745	15.91	17.00
		157	5785	16.18	17.00
		165	5825	15.83	17.00
	802.11n HT40	151	5755	15.96	17.00
		159	5795	16.11	17.00
	802.11ac VHT20	149	5745	15.03	16.00
		157	5785	14.96	16.00
		165	5825	15.13	16.00
	802.11ac VHT40	151	5755	14.29	15.00
		159	5795	14.28	15.00
	802.11ac VHT80	155	5775	14.82	15.00
	802.11ax HE20	149	5745	14.98	16.00
		157	5785	14.95	16.00
		165	5825	15.13	16.00
	802.11ax HE40	151	5755	11.69	12.50
		159	5795	12.34	12.50
	802.11ax HE80	155	5775	11.00	12.00

WIFI 5G Ant2 sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	5.71	6.50
		40	5200	5.87	6.50
		48	5240	5.61	6.50
	802.11n HT20	36	5180	4.65	6.50
		40	5200	4.75	6.50
		48	5240	4.65	6.50
	802.11n HT40	38	5190	5.43	6.50
		46	5230	5.48	6.50
	802.11ac VHT20	36	5180	6.04	6.50
		40	5200	5.98	6.50
		48	5240	5.98	6.50
	802.11ac VHT40	38	5190	5.76	6.50
		46	5230	5.88	6.50
	802.11ac VHT80	42	5210	5.76	6.50
	802.11ax HE20	36	5180	6.03	6.50
		40	5200	5.98	6.50
		48	5240	6.02	6.50
	802.11ax HE40	38	5190	5.07	6.50
		46	5230	5.35	6.50
	802.11ax HE80	42	5210	5.39	6.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz U-NII-2A	802.11a	52	5260	6.01	6.50
		60	5300	6.05	6.50
		64	5320	5.91	6.50
	802.11n HT20	52	5260	5.92	6.50
		60	5300	6.04	6.50
		64	5320	5.79	6.50
	802.11n HT40	54	5270	5.39	6.50
		62	5310	5.41	6.50
	802.11ac VHT20	52	5260	5.93	6.50
		60	5300	5.79	6.50

		64	5320	6.09	6.50
	802.11ac VHT40	54	5270	5.94	6.50
		62	5310	5.65	6.50
	802.11ac VHT80	58	5290	5.83	6.50
	802.11ax HE20	52	5260	5.96	6.50
		60	5300	5.80	6.50
		64	5320	6.04	6.50
	802.11ax HE40	54	5270	5.46	6.50
62		5310	5.39	6.50	
802.11ax HE80	58	5290	5.69	6.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	4.52	5.50
		116	5580	4.70	5.50
		140	5700	4.62	5.50
	802.11n HT20	100	5500	4.51	5.50
		116	5580	4.34	5.50
		140	5700	4.52	5.50
	802.11n HT40	102	5510	4.23	5.50
		110	5550	4.62	5.50
		134	5670	4.34	5.50
	802.11ac VHT20	100	5500	4.34	5.50
		116	5580	4.57	5.50
		140	5700	4.51	5.50
	802.11ac VHT40	102	5510	4.25	5.50
		110	5550	4.77	5.50
		134	5670	4.35	5.50
	802.11ac VHT80	106	5530	4.66	5.50
		122	5610	4.56	5.50
	802.11ax HE20	100	5500	4.29	5.50
		116	5580	4.59	5.50
		140	5700	4.41	5.50
	802.11ax HE40	102	5510	4.72	5.50
		110	5550	4.74	5.50
		134	5670	4.58	5.50
	802.11ax HE80	106	5530	3.59	5.50
		122	5610	3.88	5.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.57	8.50
		157	5785	7.77	8.50
		165	5825	7.42	8.50
	802.11n HT20	149	5745	7.42	8.50
		157	5785	7.65	8.50
		165	5825	7.30	8.50
	802.11n HT40	151	5755	7.42	8.50
		159	5795	7.60	8.50
	802.11ac VHT20	149	5745	7.53	8.50
		157	5785	7.43	8.50
		165	5825	7.61	8.50
	802.11ac VHT40	151	5755	7.75	8.50
		159	5795	7.77	8.50
	802.11ac VHT80	155	5775	8.33	8.50
	802.11ax HE20	149	5745	7.44	8.50
		157	5785	7.45	8.50
		165	5825	7.59	8.50
	802.11ax HE40	151	5755	7.69	8.50
		159	5795	8.31	8.50
	802.11ax HE80	155	5775	7.46	8.50

WIFI 5G Ant3 sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	16.26	17.00
		40	5200	16.40	17.00
		48	5240	16.02	17.00

	802.11n HT20	36	5180	15.22	17.00
		40	5200	15.24	17.00
		48	5240	15.08	17.00
	802.11n HT40	38	5190	16.10	17.00
		46	5230	15.81	17.00
		36	5180	15.59	16.00
	802.11ac VHT20	40	5200	15.37	16.00
		48	5240	15.33	16.00
		38	5190	14.37	15.00
	802.11ac VHT40	46	5230	14.34	15.00
		42	5210	15.14	16.00
	802.11ax HE20	36	5180	15.61	16.00
		40	5200	15.38	16.00
		48	5240	15.31	16.00
	802.11ax HE40	38	5190	11.07	12.50
		46	5230	11.37	12.50
	802.11ax HE80	42	5210	10.93	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	16.23	17.00
		60	5300	16.47	17.00
		64	5320	16.33	17.00
	802.11n HT20	52	5260	16.27	17.00
		60	5300	16.47	17.00
		64	5320	16.08	17.00
	802.11n HT40	54	5270	15.84	17.00
		62	5310	15.74	17.00
		52	5260	15.50	16.00
	802.11ac VHT20	60	5300	15.21	16.00
		64	5320	15.15	16.00
		54	5270	14.38	15.00
	802.11ac VHT40	62	5310	14.06	15.00
		58	5290	15.19	16.00
	802.11ac VHT80	52	5260	15.48	16.00
		60	5300	15.15	16.00
		64	5320	15.14	16.00
	802.11ax HE20	54	5270	11.46	12.50
		62	5310	11.40	12.50
	802.11ax HE40	58	5290	11.20	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	16.19	17.00
		116	5580	16.20	17.00
		140	5700	16.85	17.00
	802.11n HT20	100	5500	15.48	17.00
		116	5580	15.99	17.00
		140	5700	15.63	17.00
	802.11n HT40	102	5510	15.68	17.00
		110	5550	15.43	17.00
		134	5670	15.90	17.00
	802.11ac VHT20	100	5500	14.83	16.00
		116	5580	14.77	16.00
		140	5700	14.76	16.00
	802.11ac VHT40	102	5510	13.63	15.00
		110	5550	13.83	15.00
		134	5670	13.65	15.00
	802.11ac VHT80	106	5530	14.86	16.00
		122	5610	14.76	16.00
		100	5500	14.74	16.00
	802.11ax HE20	116	5580	14.72	16.00
		140	5700	14.74	16.00
		102	5510	11.74	12.50
	802.11ax HE40	110	5550	11.73	12.50
		134	5670	11.58	12.50
		106	5530	10.13	12.00
	802.11ax HE80	122	5610	10.41	12.00

5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.85	17.00
		157	5785	16.06	17.00
		165	5825	15.87	17.00
	802.11n HT20	149	5745	15.41	17.00
		157	5785	15.85	17.00
		165	5825	15.72	17.00
	802.11n HT40	151	5755	15.85	17.00
		159	5795	15.61	17.00
	802.11ac VHT20	149	5745	14.94	16.00
		157	5785	14.47	16.00
		165	5825	14.66	16.00
	802.11ac VHT40	151	5755	14.12	15.00
		159	5795	13.73	15.00
	802.11ac VHT80	155	5775	14.50	15.00
	802.11ax HE20	149	5745	14.95	16.00
		157	5785	14.50	16.00
		165	5825	14.71	16.00
	802.11ax HE40	151	5755	11.69	12.50
		159	5795	12.34	12.50
	802.11ax HE80	155	5775	11.00	12.00

WIFI 5G Ant3 sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	5.73	6.50
		40	5200	5.85	6.50
		48	5240	5.51	6.50
	802.11n HT20	36	5180	4.72	6.50
		40	5200	4.74	6.50
		48	5240	4.56	6.50
	802.11n HT40	38	5190	5.61	6.50
		46	5230	5.30	6.50
	802.11ac VHT20	36	5180	6.10	6.50
		40	5200	5.82	6.50
		48	5240	5.81	6.50
	802.11ac VHT40	38	5190	5.85	6.50
		46	5230	5.79	6.50
	802.11ac VHT80	42	5210	5.59	6.50
	802.11ax HE20	36	5180	6.11	6.50
		40	5200	5.85	6.50
		48	5240	5.77	6.50
	802.11ax HE40	38	5190	5.04	6.50
		46	5230	5.35	6.50
	802.11ax HE80	42	5210	5.42	6.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	5.70	6.50
		60	5300	5.94	6.50
		64	5320	5.82	6.50
	802.11n HT20	52	5260	5.74	6.50
		60	5300	5.95	6.50
		64	5320	5.58	6.50
	802.11n HT40	54	5270	5.30	6.50
		62	5310	5.19	6.50
	802.11ac VHT20	52	5260	5.95	6.50
		60	5300	5.70	6.50
		64	5320	5.60	6.50
	802.11ac VHT40	54	5270	5.86	6.50
		62	5310	5.56	6.50
	802.11ac VHT80	58	5290	5.67	6.50
	802.11ax HE20	52	5260	5.97	6.50
		60	5300	5.61	6.50
		64	5320	5.61	6.50

	802.11ax HE40	54 62	5270 5310	5.45 5.36	6.50
	802.11ax HE80	58	5290	5.70	6.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	4.69	5.50
		116	5580	4.67	5.50
		140	5700	5.35	5.50
	802.11n HT20	100	5500	3.94	5.50
		116	5580	4.44	5.50
		140	5700	4.09	5.50
	802.11n HT40	102	5510	4.15	5.50
		110	5550	3.91	5.50
		134	5670	4.36	5.50
	802.11ac VHT20	100	5500	4.34	5.50
		116	5580	4.23	5.50
		140	5700	4.21	5.50
	802.11ac VHT40	102	5510	4.12	5.50
		110	5550	4.33	5.50
		134	5670	4.12	5.50
	802.11ac VHT80	106	5530	4.33	5.50
		122	5610	4.22	5.50
	802.11ax HE20	100	5500	4.23	5.50
		116	5580	4.19	5.50
		140	5700	4.20	5.50
	802.11ax HE40	102	5510	4.69	5.50
		110	5550	4.72	5.50
		134	5670	4.57	5.50
	802.11ax HE80	106	5530	3.58	5.50
		122	5610	3.90	5.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.34	8.50
		157	5785	7.55	8.50
		165	5825	7.33	8.50
	802.11n HT20	149	5745	6.91	8.50
		157	5785	7.31	8.50
		165	5825	7.20	8.50
	802.11n HT40	151	5755	7.36	8.50
		159	5795	7.12	8.50
	802.11ac VHT20	149	5745	7.45	8.50
		157	5785	6.97	8.50
		165	5825	7.13	8.50
	802.11ac VHT40	151	5755	7.61	8.50
		159	5795	7.18	8.50
	802.11ac VHT80	155	5775	7.99	8.50
	802.11ax HE20	149	5745	7.42	8.50
		157	5785	7.00	8.50
		165	5825	7.18	8.50
	802.11ax HE40	151	5755	7.69	8.50
		159	5795	8.29	8.50
	802.11ax HE80	155	5775	7.49	8.50

WIFI 5G MIMO sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		44	5220	/	/
		48	5240	/	/
	802.11n HT20	36	5180	18.21	20.00
		40	5200	18.26	20.00
		48	5240	18.13	20.00
	802.11n HT40	38	5190	19.03	20.00
		46	5230	18.90	20.00
	802.11ac VHT20	36	5180	18.58	19.00
		40	5200	18.45	19.00

		48	5240	18.44	19.00
	802.11ac VHT40	38	5190	17.34	18.00
		46	5230	17.39	18.00
	802.11ac VHT80	42	5210	18.21	19.00
	802.11ax HE20	36	5180	18.58	19.00
		40	5200	18.45	19.00
		48	5240	18.43	19.00
	802.11ax HE40	38	5190	14.08	15.50
		46	5230	14.38	15.50
	802.11ax HE80	42	5210	13.94	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	19.37	20.00
		60	5300	19.52	20.00
		64	5320	19.21	20.00
	802.11n HT40	54	5270	18.89	20.00
		62	5310	18.84	20.00
	802.11ac VHT20	52	5260	18.48	19.00
		60	5300	18.26	19.00
		64	5320	18.39	19.00
	802.11ac VHT40	54	5270	17.44	18.00
		62	5310	17.12	18.00
	802.11ac VHT80	58	5290	18.28	19.00
	802.11ax HE20	52	5260	18.48	19.00
		60	5300	18.24	19.00
		64	5320	18.35	19.00
	802.11ax HE40	54	5270	14.47	15.50
		62	5310	14.41	15.50
	802.11ax HE80	58	5290	14.21	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	18.78	20.00
		116	5580	18.95	20.00
		140	5700	18.84	20.00
	802.11n HT40	102	5510	18.74	20.00
		110	5550	18.80	20.00
		134	5670	18.91	20.00
	802.11ac VHT20	100	5500	17.85	19.00
		116	5580	17.94	19.00
		140	5700	17.91	19.00
	802.11ac VHT40	102	5510	16.72	18.00
		110	5550	17.09	18.00
		134	5670	16.79	18.00
	802.11ac VHT80	106	5530	17.99	19.00
		122	5610	18.00	19.00
	802.11ax HE20	100	5500	17.78	19.00
		116	5580	17.93	19.00
		140	5700	17.86	19.00
	802.11ax HE40	102	5510	14.75	15.50
		110	5550	14.74	15.50

		134	5670	14.59	15.50
	802.11ax HE80	106	5530	13.14	15.00
		122	5610	13.42	15.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		153	5765	/	/
		157	5785	/	/
		161	5805	/	/
		165	5825	/	/
	802.11n HT20	149	5745	18.68	20.00
		157	5785	19.03	20.00
		165	5825	18.79	20.00
	802.11n HT40	151	5755	18.92	20.00
		159	5795	18.88	20.00
	802.11ac VHT20	149	5745	18.00	19.00
		157	5785	17.73	19.00
		165	5825	17.91	19.00
	802.11ac VHT40	151	5755	17.22	18.00
		159	5795	17.02	18.00
	802.11ac VHT80	155	5775	17.67	18.00
	802.11ax HE20	149	5745	17.98	19.00
		157	5785	17.74	19.00
		165	5825	17.94	19.00
	802.11ax HE40	151	5755	14.70	15.50
		159	5795	15.35	15.50
	802.11ax HE80	155	5775	14.01	15.00

WIFI 5G MIMO sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	/	/
		40	5200	/	/
		44	5220	/	/
		48	5240	/	/
	802.11n HT20	36	5180	7.70	9.50
		40	5200	7.76	9.50
		48	5240	7.62	9.50
	802.11n HT40	38	5190	8.53	9.50
		46	5230	8.40	9.50
	802.11ac VHT20	36	5180	9.08	9.50
		40	5200	8.91	9.50
		48	5240	8.91	9.50
	802.11ac VHT40	38	5190	8.82	9.50
		46	5230	8.85	9.50
	802.11ac VHT80	42	5210	8.69	9.50
	802.11ax HE20	36	5180	9.08	9.50
		40	5200	8.93	9.50
		48	5240	8.91	9.50
	802.11ax HE40	38	5190	8.07	9.50
		46	5230	8.36	9.50
	802.11ax HE80	42	5210	8.42	9.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	/	/
		56	5280	/	/
		60	5300	/	/
		64	5320	/	/
	802.11n HT20	52	5260	8.84	9.50
		60	5300	9.01	9.50
		64	5320	8.70	9.50
	802.11n HT40	54	5270	8.36	9.50
		62	5310	8.31	9.50
	802.11ac VHT20	52	5260	8.95	9.50
		60	5300	8.76	9.50
		64	5320	8.86	9.50

	802.11ac VHT40	54	5270	8.91	9.50
		62	5310	8.62	9.50
	802.11ac VHT80	58	5290	8.76	9.50
		802.11ax HE20	52	5260	8.98
	60		5300	8.72	9.50
	64		5320	8.84	9.50
	802.11ax HE40	54	5270	8.47	9.50
		62	5310	8.39	9.50
	802.11ax HE80	58	5290	8.71	9.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	/	/
		104	5520	/	/
		108	5540	/	/
		112	5560	/	/
		116	5580	/	/
		120	5600	/	/
		124	5620	/	/
		128	5640	/	/
		132	5660	/	/
		136	5680	/	/
		140	5700	/	/
		144	5720	/	/
	802.11n HT20	100	5500	7.24	8.50
		116	5580	7.40	8.50
		140	5700	7.32	8.50
	802.11n HT40	102	5510	7.20	8.50
		110	5550	7.29	8.50
		134	5670	7.36	8.50
	802.11ac VHT20	100	5500	7.35	8.50
		116	5580	7.41	8.50
		140	5700	7.37	8.50
	802.11ac VHT40	102	5510	7.20	8.50
		110	5550	7.57	8.50
		134	5670	7.25	8.50
	802.11ac VHT80	106	5530	7.51	8.50
		122	5610	7.40	8.50
	802.11ax HE20	100	5500	7.27	8.50
		116	5580	7.40	8.50
		140	5700	7.32	8.50
	802.11ax HE40	102	5510	7.72	8.50
		110	5550	7.74	8.50
		134	5670	7.59	8.50
	802.11ax HE80	106	5530	6.60	8.50
		122	5610	6.90	8.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	/	/
		153	5765	/	/
		157	5785	/	/
		161	5805	/	/
		165	5825	/	/
	802.11n HT20	149	5745	10.18	11.50
		157	5785	10.49	11.50
		165	5825	10.26	11.50
	802.11n HT40	151	5755	10.40	11.50
		159	5795	10.38	11.50
	802.11ac VHT20	149	5745	10.50	11.50
		157	5785	10.22	11.50
		165	5825	10.39	11.50
	802.11ac VHT40	151	5755	10.69	11.50
		159	5795	10.50	11.50
	802.11ac VHT80	155	5775	11.17	11.50
	802.11ax HE20	149	5745	10.44	11.50
		157	5785	10.24	11.50
		165	5825	10.40	11.50
	802.11ax	151	5755	10.70	11.50

	HE40	159	5795	11.31	11.50
	802.11ax HE80	155	5775	10.49	11.50

2.3 Conducted Power of 6E WIFI

WIFI 6E Ant2						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11ax HEW20	1	5955	MCS0	2.71	4
		45	6175		2.27	3
		93	6415		1.75	3
	802.11ax HEW40	3	5965	MCS0	5.30	7
		43	6165		5.08	7
		91	6405		5.04	7
	802.11ax HEW80	7	5985	MCS0	8.79	9
		39	6145		7.49	9
		87	6385		7.16	9
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	-0.22	0
		105	6475		0.16	1
		113	6515		0.10	1
	802.11ax HEW40	99	6445	MCS0	2.36	4
		107	6485		2.55	4
		103	6465		5.27	7
	802.11ax HEW80	119	6545	MCS0	6.28	7
		117	6535		2.17	3
		149	6695		2.10	3
U-NII-7 6.7GHz	802.11ax HEW20	181	6855	MCS0	2.66	3
		115	6525		3.02	4
		147	6685		5.48	7
	802.11ax HEW40	179	6845	MCS0	5.11	7
		135	6625		8.04	9
		151	6705		7.81	9
	802.11ax HEW80	167	6785	MCS0	7.76	9
		185	6875		3.34	4
		209	6995		2.60	3
U-NII-8 7.0GHz	802.11ax HEW20	233	7115	MCS0	1.92	3
		187	6885		5.21	7
		227	7085		5.68	7
	802.11ax HEW40	183	6865	MCS0	7.37	9
		199	6945		8.08	10
		215	7025		8.06	9

WIFI 6E Ant3						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11ax HEW20	1	5955	MCS0	3.52	4
		45	6175		1.60	3
		93	6415		1.99	3
	802.11ax HEW40	3	5965	MCS0	6.04	7
		43	6165		6.22	7
		91	6405		5.52	7
	802.11ax HEW80	7	5985	MCS0	8.92	9
		39	6145		7.92	9
		87	6385		8.06	9
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	-0.18	0
		105	6475		-0.01	1
		113	6515		0.22	1
	802.11ax HEW40	99	6445	MCS0	3.14	4
		107	6485		3.26	4
		103	6465		6.47	7
	802.11ax HEW80	119	6545	MCS0	6.61	7
		117	6535		2.58	3
		149	6695		2.44	3
U-NII-7 6.7GHz	802.11ax HEW20	181	6855	MCS0	1.81	3
		115	6525		3.31	4
		147	6685		5.43	7
	802.11ax HEW40	179	6845	MCS0	6.22	7

U-NII-8 7.0GHz	802.11ax HEW80	135	6625	MCS0	8.77	9
		151	6705		8.25	9
		167	6785		8.26	9
	802.11ax HEW20	185	6875	MCS0	2.45	4
		209	6995		1.96	3
		233	7115		2.31	3
	802.11ax HEW40	187	6885	MCS0	6.44	7
		227	7085		5.68	7
	802.11ax HEW80	183	6865	MCS0	8.69	9
		199	6945		9.49	10
		215	7025		8.88	9

WIFI 6E MIMO						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11ax HEW20	1	5955	MCS0	6.14	7.00
		45	6175		4.96	6.00
		93	6415		4.88	6.00
	802.11ax HEW40	3	5965	MCS0	8.70	10.00
		43	6165		8.70	10.00
		91	6405		8.30	10.00
	802.11ax HEW80	7	5985	MCS0	11.87	12.00
		39	6145		10.72	12.00
		87	6385		10.64	12.00
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	2.81	3.00
		105	6475		3.09	4.00
		113	6515		3.17	4.00
	802.11ax HEW40	99	6445	MCS0	5.78	7.00
		107	6485		5.93	7.00
	802.11ax HEW80	103	6465	MCS0	8.92	10.00
		119	6545		9.46	10.00
U-NII-7 6.7GHz	802.11ax HEW20	117	6535	MCS0	5.39	6.00
		149	6695		5.28	6.00
		181	6855		5.27	6.00
	802.11ax HEW40	115	6525	MCS0	6.18	7.00
		147	6685		8.47	10.00
		179	6845		8.71	10.00
	802.11ax HEW80	135	6625	MCS0	11.43	12.00
		151	6705		11.05	12.00
		167	6785		11.03	12.00
		185	6875		5.93	7.00
U-NII-8 7.0GHz	802.11ax HEW20	209	6995	MCS0	5.30	6.00
		233	7115		5.13	6.00
		187	6885	MCS0	8.88	10.00
	802.11ax HEW40	227	7085		8.69	10.00
	802.11ax HEW80	183	6865	MCS0	11.09	12.00
		199	6945		11.85	13.00
		215	7025		11.50	12.00

2.4 Conducted Power of Bluetooth

Ant2		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	9.33	9.68	8.01	10.00
	$\pi/4$ DQPSK	8.74	8.98	7.11	9.00
	8DPSK	8.72	8.96	7.07	9.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	8.35	9.61	9.41	10.00
BLE 2M	GFSK	8.54	9.37	9.25	10.00

- End of the Appendix -