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Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy (Ant0)

GSM 850										
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	34.28	34.03	34.01	35.00	-9.19	25.09	24.84	24.82	25.81
	2 TX Slots	32.76	32.88	32.47	33.00	-6.18	26.58	26.70	26.29	26.82
	3 TX Slots	31.30	31.49	31.24	32.00	-4.42	26.88	27.07	26.82	27.58
	4 TX Slots	27.79	28.00	28.15	29.00	-3.17	24.62	24.83	24.98	25.83
EGPRS (GMSK)	1 TX Slot	34.20	33.93	34.02	35.00	-9.19	25.01	24.74	24.83	25.81
	2 TX Slots	32.82	32.91	32.47	33.00	-6.18	26.64	26.73	26.29	26.82
	3 TX Slots	31.38	31.54	31.24	32.00	-4.42	26.96	27.12	26.82	27.58
	4 TX Slots	27.70	28.01	28.21	29.00	-3.17	24.53	24.84	25.04	25.83
EGPRS (8PSK)	1 TX Slot	26.66	26.77	26.44	28.00	-9.19	17.47	17.58	17.25	18.81
	2 TX Slots	24.63	24.71	24.92	25.00	-6.18	18.45	18.53	18.74	18.82
	3 TX Slots	22.59	22.77	22.73	23.00	-4.42	18.17	18.35	18.31	18.58
	4 TX Slots	20.10	20.10	20.06	21.00	-3.17	16.93	16.93	16.89	17.83

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	31.11	30.80	31.34	32.00	-9.19	21.92	21.61	22.15	22.81
	2 TX Slots	30.23	29.95	30.32	31.00	-6.18	24.05	23.77	24.14	24.82
	3 TX Slots	29.06	28.74	29.15	30.00	-4.42	24.64	24.32	24.73	25.58
	4 TX Slots	26.77	26.38	27.02	28.00	-3.17	23.60	23.21	23.85	24.83
EGPRS (GMSK)	1 TX Slot	31.21	30.77	31.32	32.00	-9.19	22.02	21.58	22.13	22.81
	2 TX Slots	30.33	29.92	30.42	31.00	-6.18	24.15	23.74	24.24	24.82
	3 TX Slots	29.02	28.73	29.10	30.00	-4.42	24.60	24.31	24.68	25.58
	4 TX Slots	26.71	26.31	27.03	28.00	-3.17	23.54	23.14	23.86	24.83
EGPRS (8PSK)	1 TX Slot	25.07	25.34	25.71	26.00	-9.19	15.88	16.15	16.52	16.81
	2 TX Slots	23.40	22.93	23.13	24.00	-6.18	17.22	16.75	16.95	17.82
	3 TX Slots	21.42	21.12	21.34	22.00	-4.42	17.00	16.70	16.92	17.58
	4 TX Slots	19.72	19.62	20.13	21.00	-3.17	16.55	16.45	16.96	17.83

GSM 1900 Ssensor 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	26.70	26.26	26.90	27.50	-9.19	17.51	17.07	17.71	18.31
	2 TX Slots	25.81	25.42	25.90	26.50	-6.18	19.63	19.24	19.72	20.32
	3 TX Slots	24.64	24.25	24.66	25.50	-4.42	20.22	19.83	20.24	21.08
	4 TX Slots	22.28	21.86	22.52	23.50	-3.17	19.11	18.69	19.35	20.33
EGPRS (GMSK)	1 TX Slot	26.75	26.30	26.81	27.50	-9.19	17.56	17.11	17.62	18.31
	2 TX Slots	25.85	25.48	25.94	26.50	-6.18	19.67	19.30	19.76	20.32
	3 TX Slots	24.57	24.24	24.61	25.50	-4.42	20.15	19.82	20.19	21.08
	4 TX Slots	22.30	21.84	22.60	23.50	-3.17	19.13	18.67	19.43	20.33
EGPRS (8PSK)	1 TX Slot	20.64	20.84	21.29	21.50	-9.19	11.45	11.65	12.10	12.31
	2 TX Slots	18.97	18.48	18.58	19.50	-6.18	12.79	12.30	12.40	13.32
	3 TX Slots	16.88	16.65	16.84	17.50	-4.42	12.46	12.23	12.42	13.08
	4 TX Slots	15.31	15.08	15.65	16.50	-3.17	12.14	11.91	12.48	13.33

WCDMA Band II Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.73	23.65	23.97	24.00
HSDPA	Subtest 1	22.10	21.89	22.17	23.00
	Subtest 2	22.05	21.91	22.19	23.00
	Subtest 3	22.06	21.92	22.19	23.00
	Subtest 4	22.11	21.97	22.15	23.00
HSUPA	Subtest 1	19.53	19.47	19.68	20.00
	Subtest 2	20.52	19.93	20.62	21.00
	Subtest 3	20.03	19.91	20.34	21.00
	Subtest 4	18.95	18.96	19.37	20.00
	Subtest 5	19.06	18.96	19.66	20.00

WCDMA Band II Ssensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.72	20.62	20.95	21.00
HSDPA	Subtest 1	19.11	18.90	19.24	20.00
	Subtest 2	19.10	19.00	19.24	20.00
	Subtest 3	19.13	18.91	19.28	20.00
	Subtest 4	19.15	19.02	19.11	20.00
HSUPA	Subtest 1	16.48	16.48	16.72	17.00
	Subtest 2	17.55	16.97	17.58	18.00
	Subtest 3	17.06	16.98	17.36	18.00
	Subtest 4	15.99	16.03	16.43	17.00
	Subtest 5	16.10	15.99	16.74	17.00

WCDMA Band IV Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.45	23.53	23.59	24.00
HSDPA	Subtest 1	21.76	21.87	21.81	22.00
	Subtest 2	21.70	21.90	21.83	22.00
	Subtest 3	21.71	21.80	21.75	22.00
	Subtest 4	21.86	21.95	21.88	22.00
HSUPA	Subtest 1	19.30	19.55	19.73	20.00
	Subtest 2	19.75	20.24	19.86	21.00
	Subtest 3	20.39	19.83	20.14	21.00
	Subtest 4	18.84	19.30	19.24	20.00
	Subtest 5	19.19	19.01	19.07	20.00

WCDMA Band IV Ssensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.49	21.48	21.54	22.00
HSDPA	Subtest 1	19.74	19.89	19.85	20.00
	Subtest 2	19.79	19.87	19.84	20.00
	Subtest 3	19.76	19.87	19.77	20.00
	Subtest 4	19.87	19.98	19.88	20.00
HSUPA	Subtest 1	17.34	17.56	17.73	18.00
	Subtest 2	17.79	18.34	17.95	19.00
	Subtest 3	18.39	17.91	18.10	19.00
	Subtest 4	16.80	17.28	17.32	18.00
	Subtest 5	17.17	17.06	17.04	18.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.80	24.96	24.64	25.00
HSDPA	Subtest 1	22.91	22.91	22.94	23.00
	Subtest 2	22.83	22.93	22.95	23.00
	Subtest 3	22.78	22.94	22.95	23.00
	Subtest 4	22.91	22.90	22.90	23.00
HSUPA	Subtest 1	19.97	20.80	20.30	21.00
	Subtest 2	20.75	21.28	20.75	22.00
	Subtest 3	20.83	21.03	20.74	22.00
	Subtest 4	19.37	20.34	20.27	21.00
	Subtest 5	19.79	20.33	19.79	21.00

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	23.10	22.87	23.41	24.50
		1	2	22.95	23.07	23.34	24.50
		1	5	22.99	22.90	23.31	24.50
		3	0	22.89	22.87	23.32	24.50
		3	2	22.94	22.97	23.40	24.50
		3	3	22.88	22.97	23.37	24.50
	16QAM	6	0	21.94	22.30	22.53	23.50
		1	0	22.56	22.31	22.80	23.50
		1	2	22.66	22.61	23.18	23.50
		1	5	22.37	22.19	23.03	23.50
		3	0	22.05	21.99	22.78	23.50
		3	2	22.07	21.98	22.78	23.50
	64QAM	3	3	22.02	21.99	22.63	23.50
		6	0	21.35	20.92	21.89	22.50
		1	0	21.61	21.00	21.98	22.50
		1	2	21.73	21.72	22.18	22.50
		1	5	21.61	21.56	21.90	22.50
		3	0	20.98	21.16	21.55	22.50
3MHz	QPSK	3	2	21.20	21.03	21.62	22.50
		3	3	21.17	21.09	21.71	22.50
		6	0	20.15	19.75	20.57	21.50
	16QAM	1	0	22.94	22.82	23.38	24.50
		1	7	23.24	23.35	23.36	24.50
		1	14	23.23	22.95	23.33	24.50
		8	0	22.13	22.24	22.55	23.50
		8	4	22.14	22.15	22.57	23.50
		8	7	22.04	22.15	22.59	23.50
		15	0	22.18	22.17	22.61	23.50
		1	0	22.14	22.45	22.72	23.50
	QPSK	1	7	22.34	22.40	22.57	23.50
		1	14	22.24	22.72	22.76	23.50
		8	0	20.94	21.50	21.72	22.50
		8	4	21.51	21.26	21.73	22.50
		8	7	21.04	21.33	21.89	22.50
		15	0	21.02	21.08	21.57	22.50

		1	0	21.65	20.81	21.48	22.50
		1	7	21.89	21.33	21.89	22.50
		1	14	21.84	21.19	21.63	22.50
	64QAM	8	0	20.36	19.94	20.61	21.50
		8	4	20.29	19.88	20.57	21.50
		8	7	20.43	19.85	20.58	21.50
		15	0	20.34	20.13	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.95	22.93	23.40	24.50
		1	13	22.99	22.82	23.35	24.50
		1	24	22.96	22.74	23.01	24.50
		12	0	22.09	22.13	22.40	23.50
		12	6	22.36	22.22	22.57	23.50
		12	13	22.05	22.16	22.57	23.50
	16QAM	25	0	22.05	22.16	22.50	23.50
		1	0	21.77	22.58	22.79	23.50
		1	13	22.12	22.53	22.97	23.50
		1	24	22.07	22.67	22.33	23.50
		12	0	21.27	21.00	21.22	22.50
		12	6	21.09	21.05	21.68	22.50
	64QAM	12	13	21.04	20.99	21.61	22.50
		25	0	20.92	21.21	21.29	22.50
		1	0	21.03	21.34	20.67	22.50
		1	13	21.39	21.08	20.78	22.50
		1	24	21.35	21.31	20.78	22.50
		12	0	20.08	20.14	19.99	21.50
10MHz	QPSK	12	6	20.20	20.39	20.18	21.50
		12	13	20.16	20.23	20.39	21.50
		25	0	20.19	20.11	20.23	21.50
	16QAM	1	0	23.33	23.06	23.43	24.50
		1	25	23.25	23.41	23.39	24.50
		1	49	23.05	23.26	23.41	24.50
	64QAM	25	0	22.25	22.12	22.31	23.50
		25	13	22.18	22.18	22.46	23.50
		25	25	22.18	22.15	22.56	23.50
		50	0	22.16	22.18	22.48	23.50
	16QAM	1	0	22.28	22.29	22.61	23.50
		1	25	22.38	22.59	22.21	23.50
		1	49	22.24	22.90	22.71	23.50
		25	0	21.30	21.19	21.39	22.50
		25	13	21.27	21.36	21.54	22.50
		25	25	20.99	21.33	21.37	22.50
15MHz	QPSK	50	0	21.13	21.25	21.43	22.50
		1	0	21.89	21.28	21.41	22.50
		1	25	21.98	21.50	21.66	22.50
		1	49	21.84	21.39	21.77	22.50
		25	0	20.47	20.04	20.27	21.50
		25	13	20.43	20.10	20.48	21.50
	16QAM	25	25	20.23	20.18	20.56	21.50
		50	0	20.12	20.12	20.41	21.50
		1	0	23.05	23.00	23.41	24.50
		1	38	23.15	23.00	23.27	24.50
		1	74	22.88	23.23	23.32	24.50
		36	0	22.21	22.08	22.34	23.50
	64QAM	36	18	22.17	22.13	22.27	23.50
		36	39	22.16	22.14	22.49	23.50
		75	0	22.19	22.12	22.46	23.50
		1	0	22.23	21.74	22.83	23.50
		1	38	22.08	22.79	22.64	23.50
		1	74	21.93	22.70	22.68	23.50
5MHz	QPSK	36	0	21.10	21.11	21.12	22.50
		36	18	21.06	21.36	21.24	22.50
		36	39	21.18	21.10	21.26	22.50
		75	0	21.14	20.99	21.43	22.50
		1	0	21.78	21.20	21.68	22.50
		1	0	21.78	21.20	21.68	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
10MHz	QPSK	1	0	23.33	23.06	23.43	24.50
		1	25	23.25	23.41	23.39	24.50
		1	49	23.05	23.26	23.41	24.50
		25	0	22.25	22.12	22.31	23.50
		25	13	22.18	22.18	22.46	23.50
		25	25	22.18	22.15	22.56	23.50
	16QAM	50	0	22.16	22.18	22.48	23.50
		1	0	22.28	22.29	22.61	23.50
		1	25	22.38	22.59	22.21	23.50
		1	49	22.24	22.90	22.71	23.50
		25	0	21.30	21.19	21.39	22.50
		25	13	21.27	21.36	21.54	22.50
	64QAM	25	25	20.99	21.33	21.37	22.50
		50	0	21.13	21.25	21.43	22.50
		1	0	21.89	21.28	21.41	22.50
		1	25	21.98	21.50	21.66	22.50
		1	49	21.84	21.39	21.77	22.50
		25	0	20.47	20.04	20.27	21.50
15MHz	QPSK	25	13	20.43	20.10	20.48	21.50
		25	25	20.23	20.18	20.56	21.50
		50	0	20.12	20.12	20.41	21.50
	16QAM	1	0	23.05	23.00	23.41	24.50
		1	38	23.15	23.00	23.27	24.50
		1	74	22.88	23.23	23.32	24.50
		36	0	22.21	22.08	22.34	23.50
		36	18	22.17	22.13	22.27	23.50
		36	39	22.16	22.14	22.49	23.50
	64QAM	75	0	22.19	22.12	22.46	23.50
		1	0	22.23	21.74	22.83	23.50
		1	38	22.08	22.79	22.64	23.50
		1	74	21.93	22.70	22.68	23.50
		36	0	21.10	21.11	21.12	22.50
		36	18	21.06	21.36	21.24	22.50
	16QAM	36	39	21.18	21.10	21.26	22.50
		75	0	21.14	20.99	21.43	22.50
		1	0	21.78	21.20	21.68	22.50
		1	0	21.78	21.20	21.68	22.50

		1	38	21.79	21.22	21.00	22.50
		1	74	21.59	20.92	21.86	22.50
		36	0	20.20	20.01	20.18	21.50
		36	18	20.21	20.33	20.11	21.50
		36	39	20.13	20.24	20.29	21.50
		75	0	20.04	20.14	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.09	23.32	23.44	24.50
		1	50	23.05	23.08	23.18	24.50
		1	99	22.91	23.22	23.36	24.50
		50	0	22.16	22.17	22.47	23.50
		50	25	22.12	22.15	22.41	23.50
		50	50	22.13	22.30	22.44	23.50
	16QAM	100	0	22.17	22.24	22.42	23.50
		1	0	22.69	22.30	22.99	23.50
		1	50	22.92	22.47	23.19	23.50
		1	99	21.81	22.07	23.17	23.50
		50	0	21.11	21.07	21.22	22.50
		50	25	21.19	21.15	21.26	22.50
	64QAM	50	50	21.23	21.23	21.25	22.50
		100	0	21.07	21.12	21.37	22.50
		1	0	21.34	21.60	21.73	22.50
		1	50	21.73	21.57	22.20	22.50
		1	99	21.38	21.69	21.96	22.50
		50	0	20.16	20.15	20.55	21.50
		50	25	20.28	20.11	20.30	21.50
		50	50	20.19	20.25	20.41	21.50
		100	0	20.04	20.20	20.32	21.50

LTE Band 2 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.59	17.75	17.97	19.00
		1	2	17.60	17.56	17.70	19.00
		1	5	17.31	17.65	17.82	19.00
		3	0	17.63	17.66	17.94	19.00
		3	2	17.58	17.68	17.82	19.00
		3	3	17.61	17.76	17.86	19.00
	16QAM	6	0	17.67	17.72	17.83	19.00
		1	0	17.55	17.66	17.89	19.00
		1	2	17.55	17.46	17.62	19.00
		1	5	17.27	17.63	17.78	19.00
		3	0	17.54	17.64	17.87	19.00
		3	2	17.47	17.60	17.79	19.00
	64QAM	3	3	17.54	17.71	17.85	19.00
		6	0	17.60	17.67	17.80	19.00
		1	0	17.49	17.68	17.93	19.00
		1	2	17.57	17.48	17.68	19.00
		1	5	17.27	17.56	17.77	19.00
		3	0	17.54	17.63	17.87	19.00
3MHz	QPSK	3	2	17.51	17.60	17.79	19.00
		3	3	17.53	17.69	17.85	19.00
		6	0	17.63	17.64	17.76	19.00
		1	0	17.60	17.74	17.98	19.00
		1	7	17.60	17.53	17.70	19.00
		1	14	17.32	17.69	17.83	19.00
	16QAM	8	0	17.61	17.70	17.95	19.00
		8	4	17.53	17.71	17.86	19.00
		8	7	17.58	17.78	17.90	19.00
		15	0	17.68	17.70	17.85	19.00
		1	0	17.56	17.65	17.90	19.00
		1	7	17.57	17.47	17.64	19.00
		1	14	17.24	17.58	17.74	19.00
		8	0	17.57	17.60	17.86	19.00
		8	4	17.50	17.64	17.78	19.00
		8	7	17.55	17.71	17.81	19.00

	64QAM	15	0	17.62	17.66	17.80	19.00
		1	0	17.52	17.68	17.90	19.00
		1	7	17.54	17.45	17.65	19.00
		1	14	17.26	17.57	17.78	19.00
		8	0	17.58	17.62	17.86	19.00
		8	4	17.50	17.61	17.81	19.00
		8	7	17.53	17.70	17.82	19.00
		15	0	17.64	17.67	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	17.59	17.73	17.97	19.00
		1	13	17.59	17.51	17.72	19.00
		1	24	17.32	17.65	17.84	19.00
		12	0	17.60	17.65	17.95	19.00
		12	6	17.54	17.68	17.86	19.00
		12	13	17.57	17.75	17.90	19.00
		25	0	17.67	17.70	17.84	19.00
	16QAM	1	0	17.53	17.64	17.91	19.00
		1	13	17.54	17.47	17.62	19.00
		1	24	17.23	17.62	17.76	19.00
		12	0	17.55	17.63	17.88	19.00
		12	6	17.49	17.64	17.77	19.00
		12	13	17.54	17.70	17.84	19.00
		25	0	17.58	17.67	17.80	19.00
	64QAM	1	0	17.50	17.65	17.92	19.00
		1	13	17.56	17.48	17.64	19.00
		1	24	17.24	17.58	17.79	19.00
		12	0	17.54	17.60	17.86	19.00
		12	6	17.50	17.61	17.79	19.00
		12	13	17.50	17.70	17.86	19.00
		25	0	17.64	17.67	17.75	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	17.57	17.72	17.94	19.00
		1	25	17.58	17.54	17.68	19.00
		1	49	17.31	17.69	17.81	19.00
		25	0	17.63	17.69	17.93	19.00
		25	13	17.56	17.66	17.85	19.00
		25	25	17.60	17.77	17.88	19.00
		50	0	17.63	17.72	17.85	19.00
	16QAM	1	0	17.54	17.64	17.93	19.00
		1	25	17.55	17.49	17.61	19.00
		1	49	17.25	17.61	17.78	19.00
		25	0	17.57	17.62	17.90	19.00
		25	13	17.47	17.63	17.78	19.00
		25	25	17.55	17.70	17.84	19.00
		50	0	17.60	17.67	17.84	19.00
	64QAM	1	0	17.50	17.69	17.92	19.00
		1	25	17.54	17.49	17.64	19.00
		1	49	17.27	17.61	17.82	19.00
		25	0	17.56	17.62	17.87	19.00
		25	13	17.48	17.59	17.81	19.00
		25	25	17.52	17.70	17.87	19.00
		50	0	17.61	17.65	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	17.61	17.73	17.97	19.00
		1	38	17.61	17.52	17.70	19.00
		1	74	17.33	17.65	17.84	19.00
		36	0	17.62	17.66	17.91	19.00
		36	18	17.55	17.68	17.83	19.00
		36	39	17.62	17.79	17.89	19.00
		75	0	17.63	17.70	17.86	19.00
	16QAM	1	0	17.56	17.68	17.89	19.00
		1	38	17.55	17.50	17.62	19.00
		1	74	17.26	17.63	17.77	19.00
		36	0	17.57	17.61	17.88	19.00
		36	18	17.50	17.64	17.82	19.00
		36	39	17.55	17.72	17.85	19.00
		75	0	17.60	17.66	17.80	19.00

		1	0	17.52	17.68	17.94	19.00
		1	38	17.57	17.47	17.67	19.00
		1	74	17.23	17.59	17.80	19.00
		36	0	17.55	17.65	17.86	19.00
		36	18	17.51	17.58	17.80	19.00
		36	39	17.55	17.72	17.84	19.00
		75	0	17.60	17.62	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	17.65	17.79	18.02	19.00
		1	50	17.65	17.59	17.76	19.00
		1	99	17.38	17.72	17.89	19.00
		50	0	17.67	17.73	17.99	19.00
		50	25	17.61	17.74	17.90	19.00
		50	50	17.65	17.83	17.94	19.00
	16QAM	100	0	17.71	17.77	17.90	19.00
		1	0	17.59	17.71	17.97	19.00
		1	50	17.61	17.54	17.68	19.00
		1	99	17.31	17.66	17.82	19.00
		50	0	17.61	17.67	17.93	19.00
		50	25	17.54	17.67	17.85	19.00
	64QAM	50	50	17.60	17.76	17.89	19.00
		100	0	17.66	17.71	17.87	19.00
		1	0	17.57	17.73	17.98	19.00
		1	50	17.61	17.53	17.72	19.00
		1	99	17.31	17.64	17.85	19.00
		50	0	17.61	17.68	17.92	19.00
	64QAM	50	25	17.56	17.66	17.85	19.00
		50	50	17.58	17.77	17.90	19.00
		100	0	17.68	17.70	17.83	19.00

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	22.82	22.82	22.97	24.00
		1	2	22.91	23.14	22.90	24.00
		1	5	22.81	22.88	23.00	24.00
		3	0	22.74	22.80	22.99	24.00
		3	2	22.78	22.93	23.01	24.00
		3	3	22.92	22.89	22.96	24.00
	16QAM	6	0	21.82	21.96	21.95	23.00
		1	0	22.48	22.17	22.69	23.00
		1	2	22.56	22.20	22.51	23.00
		1	5	22.46	22.07	22.45	23.00
		3	0	21.66	21.93	21.99	23.00
		3	2	21.84	21.99	22.04	23.00
	64QAM	3	3	21.81	21.95	21.98	23.00
		6	0	20.85	20.60	20.81	22.00
		1	0	20.64	21.07	21.51	22.00
		1	2	21.09	21.03	21.64	22.00
		1	5	20.53	21.03	21.52	22.00
		3	0	20.53	20.90	20.79	22.00
3MHz	QPSK	3	2	20.50	20.77	21.12	22.00
		3	3	20.85	20.91	20.81	22.00
		6	0	19.58	19.70	19.69	21.00
	16QAM	1	0	22.88	22.81	22.97	24.00
		1	7	23.05	22.95	23.12	24.00
		1	14	22.82	22.94	22.92	24.00
	QPSK	8	0	21.89	21.96	21.97	23.00
		8	4	21.84	21.92	21.96	23.00
		8	7	21.88	21.87	21.90	23.00
		15	0	21.87	21.85	21.98	23.00
	16QAM	1	0	22.01	21.41	22.06	23.00
		1	7	21.55	22.73	22.44	23.00
		1	14	21.91	22.21	22.04	23.00
		8	0	20.88	21.23	20.70	22.00
		8	4	20.78	21.23	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	

	64QAM	8	7	20.99	21.25	20.75	22.00
		15	0	20.76	21.13	21.06	22.00
		1	0	21.55	20.89	20.86	22.00
		1	7	21.34	21.16	21.24	22.00
		1	14	21.24	20.97	21.00	22.00
		8	0	19.76	19.40	19.97	21.00
		8	4	19.79	19.49	19.63	21.00
		8	7	19.54	19.43	19.58	21.00
		15	0	19.62	19.75	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	24.00
		1	13	22.80	22.65	23.12	24.00
		1	24	22.79	22.68	22.92	24.00
		12	0	22.60	22.66	22.94	24.00
		12	6	21.78	21.85	22.06	23.00
		12	13	21.81	21.93	22.13	23.00
	16QAM	12	13	21.68	21.86	22.07	23.00
		25	0	21.82	21.87	22.07	23.00
		1	0	21.45	21.40	22.03	23.00
		1	13	21.83	22.56	22.05	23.00
		1	24	21.36	22.55	22.09	23.00
		12	0	20.87	20.74	21.13	22.00
	64QAM	12	6	20.90	20.74	20.91	22.00
		12	13	20.89	20.77	21.06	22.00
		25	0	21.11	20.88	21.01	22.00
		1	0	21.05	21.17	20.36	22.00
		1	13	21.14	21.22	20.36	22.00
		1	24	21.05	20.98	20.87	22.00
10MHz	QPSK	12	0	20.00	19.84	19.74	21.00
		12	6	19.89	19.94	19.90	21.00
		12	13	19.74	19.86	19.65	21.00
		25	0	19.98	19.71	19.84	21.00
	16QAM	1	0	20000	20175	20350	24.00
		1	25	22.94	22.75	23.14	24.00
		1	49	23.07	22.95	23.04	24.00
		25	0	22.78	22.87	23.09	24.00
		25	13	21.88	21.83	22.20	23.00
		25	25	21.80	21.89	22.14	23.00
	64QAM	50	0	21.95	21.85	22.12	23.00
		1	0	21.77	21.85	22.09	23.00
		1	25	21.92	22.47	22.37	23.00
		1	49	22.65	22.27	21.99	23.00
		25	0	21.82	22.12	22.04	23.00
		25	13	20.94	20.91	21.09	22.00
15MHz	QPSK	25	25	20.95	20.96	21.06	22.00
		25	0	20.67	20.74	21.08	22.00
		50	0	20.69	20.89	21.01	22.00
	16QAM	1	0	21.63	20.76	21.23	22.00
		1	25	21.92	22.47	22.37	23.00
		1	49	22.65	22.27	21.99	23.00
	64QAM	25	0	21.82	22.12	22.04	23.00
		25	13	20.94	20.91	21.09	22.00
		25	25	20.95	20.96	21.06	22.00
		25	0	20.67	20.74	21.08	22.00
		50	0	20.69	20.89	21.01	22.00
		1	0	21.63	20.76	21.23	22.00
		1	25	21.61	21.17	21.77	22.00
		1	49	21.54	20.82	21.27	22.00
	16QAM	25	0	19.69	19.67	19.96	21.00
		25	13	19.67	19.73	20.03	21.00
		25	25	19.79	19.72	19.84	21.00
		50	0	19.81	19.70	20.01	21.00
	QPSK	1	0	20025	20175	20325	24.00
		1	38	22.93	22.82	23.15	24.00
		1	74	22.84	23.06	22.96	24.00
		36	0	22.77	22.89	22.97	24.00
		36	18	21.87	21.92	22.16	23.00
		36	39	21.88	21.84	22.18	23.00
	QPSK	36	0	21.79	21.82	22.07	23.00
		75	0	21.91	21.83	22.15	23.00
	16QAM	1	0	21.97	21.36	22.68	23.00
		1	38	21.96	22.50	22.54	23.00
		1	74	21.90	22.62	21.71	23.00
		36	0	20.89	21.05	21.01	22.00
	16QAM	36	18	20.92	20.86	20.93	22.00
		36	39	20.78	20.64	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20025	20175	20325	24.00
		1	38	22.93	22.82	23.15	24.00
		1	74	22.84	23.06	22.96	24.00
		36	0	22.77	22.89	22.97	24.00
		36	18	21.87	21.92	22.16	23.00
		36	39	21.88	21.84	22.18	23.00
	16QAM	36	0	21.79	21.82	22.07	23.00
		75	0	21.91	21.83	22.15	23.00
		1	0	21.97	21.36	22.68	23.00
		1	38	21.96	22.50	22.54	23.00
		1	74	21.90	22.62	21.71	23.00
		36	0	20.89	21.05	21.01	22.00
	16QAM	36	18	20.92	20.86	20.93	22.00
		36	39	20.78	20.64	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20025	20175	20325	24.00
		1	38	22.93	22.82	23.15	24.00
		1	74	22.84	23.06	22.96	24.00
		36	0	22.77	22.89	22.97	24.00
		36	18	21.87	21.92	22.16	23.00
		36	39	21.88	21.84	22.18	23.00
	16QAM	36	0	21.79	21.82	22.07	23.00
		75	0	21.91	21.83	22.15	23.00
		1	0	21.97	21.36	22.68	23.00
		1	38	21.96	22.50	22.54	23.00
		1	74	21.90	22.62	21.71	23.00
		36	0	20.89	21.05	21.01	22.00
	16QAM	36	18	20.92	20.86	20.93	22.00
		36	39	20.78	20.64	20.98	22.00

		75	0	20.83	20.74	21.14	22.00
	64QAM	1	0	21.63	20.92	21.49	22.00
		1	38	21.54	21.30	21.35	22.00
		1	74	21.49	21.03	20.83	22.00
		36	0	19.90	19.78	20.10	21.00
		36	18	19.84	19.78	20.13	21.00
		36	39	19.63	19.59	19.90	21.00
		75	0	19.89	19.60	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	23.17	/	24.00
		1	50	/	23.16	/	24.00
		1	99	/	23.00	/	24.00
		50	0	/	22.00	/	23.00
		50	25	/	21.88	/	23.00
		50	50	/	21.92	/	23.00
		100	0	/	21.85	/	23.00
	16QAM	1	0	/	22.15	/	23.00
		1	50	/	22.18	/	23.00
		1	99	/	21.70	/	23.00
		50	0	/	20.87	/	22.00
		50	25	/	20.88	/	22.00
		50	50	/	20.85	/	22.00
		100	0	/	20.84	/	22.00
	64QAM	1	0	/	21.19	/	22.00
		1	50	/	21.27	/	22.00
		1	99	/	21.18	/	22.00
		50	0	/	19.76	/	21.00
		50	25	/	19.80	/	21.00
		50	50	/	19.82	/	21.00
		100	0	/	19.60	/	21.00

LTE Band 4 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.86	17.76	18.05	19.00
		1	2	17.76	17.97	17.87	19.00
		1	5	17.70	17.81	17.89	19.00
		3	0	17.72	17.80	18.01	19.00
		3	2	17.72	17.71	18.07	19.00
		3	3	17.64	17.68	17.99	19.00
		6	0	17.74	17.68	18.01	19.00
	16QAM	1	0	17.81	17.73	18.00	19.00
		1	2	17.66	17.89	17.80	19.00
		1	5	17.65	17.74	17.84	19.00
		3	0	17.67	17.76	17.97	19.00
		3	2	17.65	17.64	17.99	19.00
		3	3	17.61	17.64	17.93	19.00
		6	0	17.70	17.67	17.91	19.00
	64QAM	1	0	17.82	17.69	18.00	19.00
		1	2	17.64	17.94	17.86	19.00
		1	5	17.65	17.72	17.89	19.00
		3	0	17.70	17.79	17.97	19.00
		3	2	17.68	17.61	18.02	19.00
		3	3	17.61	17.65	17.90	19.00
		6	0	17.69	17.61	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.90	17.78	18.07	19.00
		1	7	17.73	17.96	17.90	19.00
		1	14	17.72	17.78	17.89	19.00
		8	0	17.74	17.78	18.04	19.00
		8	4	17.74	17.72	18.04	19.00
		8	7	17.65	17.70	17.97	19.00
		15	0	17.78	17.67	17.99	19.00
	16QAM	1	0	17.85	17.74	18.00	19.00
		1	7	17.66	17.93	17.77	19.00
		1	14	17.64	17.74	17.83	19.00
		8	0	17.68	17.76	17.97	19.00

	64QAM	8	4	17.65	17.66	17.97	19.00
		8	7	17.58	17.65	17.92	19.00
		15	0	17.70	17.65	17.92	19.00
		1	0	17.83	17.71	18.03	19.00
		1	7	17.64	17.92	17.84	19.00
		1	14	17.67	17.77	17.86	19.00
		8	0	17.68	17.77	17.98	19.00
		8	4	17.71	17.63	18.03	19.00
		8	7	17.60	17.65	17.88	19.00
		15	0	17.70	17.60	17.92	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.89	17.75	18.06	19.00
		1	13	17.74	17.99	17.89	19.00
		1	24	17.70	17.82	17.93	19.00
		12	0	17.71	17.81	18.05	19.00
		12	6	17.72	17.69	18.03	19.00
		12	13	17.66	17.70	17.95	19.00
	16QAM	25	0	17.78	17.70	18.01	19.00
		1	0	17.84	17.72	17.98	19.00
		1	13	17.68	17.90	17.81	19.00
		1	24	17.63	17.76	17.83	19.00
		12	0	17.66	17.76	17.96	19.00
		12	6	17.69	17.61	17.99	19.00
	64QAM	12	13	17.57	17.61	17.88	19.00
		25	0	17.70	17.64	17.96	19.00
		1	0	17.81	17.66	18.02	19.00
		1	13	17.67	17.90	17.84	19.00
		1	24	17.67	17.74	17.86	19.00
		12	0	17.70	17.75	18.01	19.00
10MHz	QPSK	12	6	17.68	17.63	18.01	19.00
		12	13	17.63	17.67	17.87	19.00
		25	0	17.69	17.61	17.93	19.00
	16QAM	1	0	17.82	17.72	18.02	19.00
		1	25	17.69	17.94	17.81	19.00
		1	49	17.65	17.78	17.84	19.00
	64QAM	25	0	17.69	17.73	17.97	19.00
		25	13	17.64	17.64	18.00	19.00
		25	25	17.58	17.65	17.92	19.00
		50	0	17.69	17.64	17.93	19.00
	QPSK	1	0	17.84	17.69	18.03	19.00
		1	25	17.68	17.90	17.84	19.00
		1	49	17.65	17.74	17.85	19.00
		25	0	17.68	17.76	17.97	19.00
		25	13	17.71	17.64	17.99	19.00
		25	25	17.65	17.66	17.91	19.00
15MHz	QPSK	50	0	17.70	17.62	17.96	19.00
	16QAM	1	0	17.93	17.82	18.11	19.00
		1	38	17.80	18.03	17.93	19.00
		1	74	17.76	17.86	17.96	19.00
		36	0	17.79	17.86	18.09	19.00
		36	18	17.79	17.75	18.10	19.00
	64QAM	36	39	17.71	17.76	18.02	19.00
		75	0	17.82	17.74	18.06	19.00
	QPSK	1	0	17.88	17.77	18.05	19.00
		1	38	17.72	17.97	17.85	19.00
		1	74	17.71	17.82	17.89	19.00
		36	0	17.73	17.80	18.03	19.00
	16QAM	36	18	17.72	17.69	18.03	19.00

	64QAM	36	39	17.64	17.69	17.96	19.00
		75	0	17.76	17.71	17.99	19.00
		1	0	17.87	17.74	18.07	19.00
		1	38	17.72	17.98	17.90	19.00
		1	74	17.71	17.80	17.92	19.00
		36	0	17.74	17.83	18.05	19.00
		36	18	17.75	17.68	18.06	19.00
		36	39	17.68	17.70	17.94	19.00
		75	0	17.75	17.68	17.99	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	20175	/	19.00
		1	50	/	18.12	/	19.00
		1	99	/	18.11	/	19.00
		50	0	/	17.97	/	19.00
		50	25	/	17.99	/	19.00
		50	50	/	17.88	/	19.00
		100	0	/	17.89	/	19.00
	16QAM	1	0	/	17.84	/	19.00
		1	50	/	18.09	/	19.00
		1	99	/	18.08	/	19.00
		50	0	/	17.94	/	19.00
		50	25	/	17.94	/	19.00
		50	50	/	17.84	/	19.00
		100	0	/	17.84	/	19.00
	64QAM	1	0	/	17.78	/	19.00
		1	50	/	18.05	/	19.00
		1	99	/	18.06	/	19.00
		50	0	/	17.93	/	19.00
		50	25	/	17.94	/	19.00
		50	50	/	17.83	/	19.00
		100	0	/	17.80	/	19.00

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	24.50
		1	2	23.17	23.16	23.24	24.50
		1	5	23.15	23.22	23.20	24.50
		3	0	23.20	23.20	23.22	24.50
		3	2	23.15	23.09	23.19	24.50
		3	3	23.04	23.22	23.22	24.50
		6	0	23.20	23.16	23.14	24.50
	16QAM	1	0	22.03	22.47	22.29	23.50
		1	2	22.07	22.11	22.75	23.50
		1	5	22.33	22.50	22.94	23.50
		3	0	22.26	22.42	22.86	23.50
		3	2	22.12	22.32	22.33	23.50
		3	3	22.03	22.47	22.40	23.50
		6	0	21.98	22.41	22.31	23.50
	64QAM	1	0	21.06	21.20	21.19	22.50
		1	2	20.84	21.45	21.89	22.50
		1	5	21.72	21.57	22.19	22.50
		3	0	21.59	21.57	21.87	22.50
		3	2	21.08	21.70	21.74	22.50
		3	3	21.11	21.34	21.72	22.50
		6	0	21.41	21.44	21.74	22.50
3MHz	QPSK	1	0	19.77	20.29	20.47	21.50
		1	7	20.47	20.29	20.47	21.50
		1	14	20.84	21.45	21.89	22.50
		8	0	21.72	21.57	22.19	22.50
		8	4	21.59	21.57	21.87	22.50
		8	7	21.08	21.70	21.74	22.50
		15	0	21.11	21.34	21.72	22.50
	16QAM	1	0	21.41	21.44	21.74	22.50
		1	7	22.09	22.50	22.59	23.50
		1	14	22.32	22.65	22.67	23.50
		8	0	22.28	22.49	22.27	23.50
		8	4	22.89	23.01	23.23	24.50
		8	7	23.12	23.20	23.21	24.50
		15	0	23.05	23.04	23.20	24.50

		8	0	21.13	21.36	21.17	22.50
		8	4	21.19	21.36	21.09	22.50
		8	7	21.21	21.36	21.14	22.50
		15	0	20.94	21.26	21.30	22.50
	64QAM	1	0	21.59	21.24	21.44	22.50
		1	7	21.99	21.64	21.60	22.50
		1	14	21.61	21.31	21.48	22.50
		8	0	20.26	19.92	20.36	21.50
		8	4	20.41	20.02	20.12	21.50
		8	7	20.43	20.42	20.08	21.50
		15	0	19.90	20.32	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.68	22.79	23.05	24.50
		1	13	22.87	22.98	23.23	24.50
		1	24	22.93	22.70	22.99	24.50
		12	0	22.16	22.14	22.29	23.50
		12	6	22.19	22.31	22.28	23.50
		12	13	22.18	22.27	22.27	23.50
	16QAM	25	0	22.13	22.22	22.25	23.50
		1	0	22.28	21.92	22.19	23.50
		1	13	22.62	22.84	22.59	23.50
		1	24	21.57	22.49	22.27	23.50
		12	0	21.07	21.08	21.10	22.50
		12	6	21.19	21.18	21.11	22.50
	64QAM	12	13	21.08	21.13	21.12	22.50
		25	0	21.26	21.37	21.13	22.50
		1	0	21.23	21.57	20.65	22.50
		1	13	21.44	21.75	21.50	22.50
		1	24	21.15	21.18	20.55	22.50
		12	0	19.91	19.94	20.05	21.50
10MHz	QPSK	12	6	20.25	20.03	20.26	21.50
		12	13	20.05	20.46	20.03	21.50
		25	0	20.24	20.56	20.34	21.50
	16QAM	1	0	/	20525	/	24.50
		1	25	/	23.20	/	24.50
		1	49	/	23.05	/	24.50
	64QAM	25	0	/	22.36	/	23.50
		25	13	/	22.29	/	23.50
		25	25	/	22.22	/	23.50
	16QAM	50	0	/	22.30	/	23.50
		1	0	/	23.04	/	23.50
		1	25	/	22.64	/	23.50
		1	49	/	22.88	/	23.50
	64QAM	25	0	/	21.43	/	22.50
		25	13	/	21.34	/	22.50
		25	25	/	21.32	/	22.50
	16QAM	50	0	/	21.27	/	22.50
		1	0	/	21.40	/	22.50
		1	25	/	22.03	/	22.50
	64QAM	1	49	/	21.51	/	22.50
		25	0	/	20.00	/	21.50
		25	13	/	20.04	/	21.50
		25	25	/	19.96	/	21.50
		50	0	/	20.23	/	21.50

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	23.02	22.44	22.46	24.00
		1	13	22.80	22.75	22.77	24.00
		1	24	22.67	22.50	22.56	24.00
		12	0	22.25	21.79	21.76	23.00
		12	6	22.14	21.87	21.81	23.00
		12	13	22.10	21.89	21.70	23.00
	16QAM	25	0	22.04	21.86	21.78	23.00
		1	0	22.05	22.17	21.78	23.00
		1	13	22.80	22.75	22.77	24.00
		1	24	22.67	22.50	22.56	24.00

		1	13	21.65	22.54	22.09	23.00
		1	24	21.57	22.28	21.62	23.00
		12	0	21.20	20.83	20.68	22.00
		12	6	21.26	20.83	20.66	22.00
		12	13	21.22	20.86	20.48	22.00
		25	0	20.96	20.84	20.71	22.00
	64QAM	1	0	21.40	21.02	20.10	22.00
		1	13	21.15	21.02	20.58	22.00
		1	24	21.35	20.94	20.72	22.00
		12	0	20.23	20.10	19.36	21.00
		12	6	20.01	19.79	19.53	21.00
		12	13	19.95	19.71	19.35	21.00
		25	0	20.08	19.55	19.63	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.03	22.67	22.83	24.00
		1	25	23.01	23.01	23.04	24.00
		1	49	22.82	22.82	22.88	24.00
		25	0	22.13	21.81	21.90	23.00
		25	13	22.14	21.87	21.89	23.00
		25	25	22.18	21.85	21.84	23.00
		50	0	22.11	21.86	21.92	23.00
	16QAM	1	0	22.31	22.11	22.01	23.00
		1	25	22.20	22.23	22.22	23.00
		1	49	21.73	22.56	21.96	23.00
		25	0	21.13	20.68	21.07	22.00
		25	13	21.08	21.03	21.07	22.00
		25	25	21.03	21.00	20.85	22.00
		50	0	21.12	20.78	20.89	22.00
	64QAM	1	0	21.93	21.25	21.12	22.00
		1	25	21.85	20.92	21.16	22.00
		1	49	21.58	20.95	20.86	22.00
		25	0	20.22	19.71	19.71	21.00
		25	13	19.95	19.60	19.72	21.00
		25	25	20.40	19.76	19.59	21.00
		50	0	20.07	19.55	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.04	22.57	22.99	24.00
		1	38	22.86	22.95	22.85	24.00
		1	74	22.68	22.96	22.57	24.00
		36	0	22.17	21.80	22.05	23.00
		36	18	22.16	21.80	21.98	23.00
		36	39	22.01	21.93	21.89	23.00
		75	0	22.12	21.82	21.94	23.00
	16QAM	1	0	22.34	21.81	21.99	23.00
		1	38	22.21	22.45	22.36	23.00
		1	74	22.04	22.49	21.50	23.00
		36	0	21.13	20.78	21.09	22.00
		36	18	21.19	20.91	21.03	22.00
		36	39	21.02	20.84	20.95	22.00
		75	0	21.01	20.83	21.00	22.00
	64QAM	1	0	21.93	20.12	20.82	22.00
		1	38	21.75	20.76	21.17	22.00
		1	74	21.72	20.48	20.47	22.00
		36	0	20.20	19.75	19.76	21.00
		36	18	20.11	19.80	19.70	21.00
		36	39	19.82	19.91	19.79	21.00
		75	0	20.10	19.78	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.01	23.10	23.04	24.00
		1	50	22.96	22.98	23.07	24.00
		1	99	22.64	22.88	22.70	24.00
		50	0	22.15	22.18	22.06	23.00
		50	25	22.01	21.93	21.97	23.00
		50	50	21.93	21.93	21.88	23.00
		100	0	21.92	21.99	21.93	23.00
	16QAM	1	0	22.61	21.62	22.61	23.00
		1	50	22.63	22.17	22.66	23.00

		1	99	21.58	22.00	22.37	23.00
		50	0	21.18	20.75	21.04	22.00
		50	25	21.03	20.97	21.04	22.00
		50	50	20.97	20.97	20.78	22.00
		100	0	21.05	20.59	20.97	22.00
	64QAM	1	0	21.49	20.82	21.51	22.00
		1	50	21.60	21.27	21.46	22.00
		1	99	20.94	21.12	21.26	22.00
		50	0	20.17	19.63	19.94	21.00
		50	25	20.02	19.83	19.91	21.00
		50	50	19.76	19.89	19.80	21.00
		100	0	20.00	19.48	19.87	21.00

LTE Band 7 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	13.44	13.55	13.42	14.50
		1	13	13.40	13.40	13.48	14.50
		1	24	13.05	13.31	13.15	14.50
		12	0	13.51	13.54	13.47	14.50
		12	6	13.41	13.37	13.35	14.50
		12	13	13.32	13.36	13.32	14.50
	16QAM	25	0	13.33	13.40	13.32	14.50
		1	0	13.39	13.45	13.39	14.50
		1	13	13.35	13.34	13.41	14.50
		1	24	13.02	13.26	13.07	14.50
		12	0	13.48	13.46	13.43	14.50
		12	6	13.35	13.31	13.32	14.50
	64QAM	12	13	13.30	13.33	13.29	14.50
		25	0	13.28	13.40	13.24	14.50
		1	0	13.36	13.52	13.35	14.50
		1	13	13.32	13.33	13.38	14.50
		1	24	12.98	13.27	13.09	14.50
		12	0	13.54	13.57	13.38	14.50
		12	6	13.35	13.30	13.30	14.50
		12	13	13.29	13.32	13.27	14.50
		25	0	13.31	13.33	13.23	14.50
10MHz				Channel	Channel	Channel	Tune up
				20800	21100	21400	
	QPSK	1	0	13.44	13.54	13.45	14.50
		1	25	13.37	13.40	13.45	14.50
		1	49	13.08	13.31	13.15	14.50
		25	0	13.51	13.53	13.45	14.50
		25	13	13.43	13.35	13.38	14.50
		25	25	13.35	13.35	13.29	14.50
	16QAM	50	0	13.33	13.43	13.36	14.50
		1	0	13.40	13.47	13.39	14.50
		1	25	13.34	13.31	13.38	14.50
		1	49	13.03	13.27	13.10	14.50
		25	0	13.52	13.47	13.39	14.50
		25	13	13.38	13.31	13.28	14.50
	64QAM	25	25	13.29	13.30	13.25	14.50
		50	0	13.28	13.39	13.28	14.50
		1	0	13.37	13.50	13.37	14.50
		1	25	13.32	13.33	13.40	14.50
		1	49	12.99	13.27	13.13	14.50
		25	0	13.55	13.56	13.39	14.50
		25	13	13.34	13.31	13.31	14.50
		25	25	13.26	13.34	13.27	14.50
		50	0	13.30	13.35	13.23	14.50
				Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	13.44	13.54	13.45	14.50
		1	38	13.38	13.37	13.49	14.50
		1	74	13.08	13.32	13.15	14.50
		36	0	13.49	13.55	13.47	14.50
		36	18	13.41	13.39	13.38	14.50
		36	39	13.36	13.35	13.33	14.50
		75	0	13.31	13.42	13.33	14.50

	16QAM	1	0	13.37	13.48	13.38	14.50
		1	38	13.33	13.33	13.40	14.50
		1	74	13.03	13.26	13.08	14.50
		36	0	13.50	13.47	13.39	14.50
		36	18	13.39	13.32	13.28	14.50
		36	39	13.29	13.29	13.29	14.50
		75	0	13.27	13.38	13.27	14.50
	64QAM	1	0	13.40	13.47	13.37	14.50
		1	38	13.33	13.33	13.40	14.50
		1	74	12.99	13.27	13.11	14.50
		36	0	13.54	13.54	13.41	14.50
		36	18	13.37	13.33	13.33	14.50
		36	39	13.25	13.31	13.28	14.50
		75	0	13.27	13.35	13.25	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20850	21100	21350	14.50
		1	50	13.48	13.59	13.49	14.50
		1	99	13.43	13.45	13.52	14.50
		50	0	13.12	13.37	13.20	14.50
		50	0	13.56	13.58	13.52	14.50
		50	25	13.47	13.42	13.42	14.50
		50	50	13.40	13.42	13.37	14.50
	16QAM	100	0	13.38	13.47	13.39	14.50
		1	0	13.43	13.53	13.45	14.50
		1	50	13.39	13.38	13.45	14.50
		1	99	13.08	13.33	13.14	14.50
		50	0	13.56	13.53	13.46	14.50
		50	25	13.42	13.38	13.35	14.50
		50	50	13.34	13.37	13.33	14.50
	64QAM	100	0	13.32	13.44	13.32	14.50
		1	0	13.44	13.55	13.43	14.50
		1	50	13.36	13.40	13.46	14.50
		1	99	13.05	13.31	13.17	14.50
		50	0	13.58	13.61	13.45	14.50
		50	25	13.40	13.37	13.37	14.50
		50	50	13.32	13.37	13.33	14.50
		100	0	13.34	13.40	13.31	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	23017	23095	23173			
		1	0	23.49	23.78	24.07	25.00
		1	2	23.47	23.89	24.03	25.00
		1	5	23.77	23.86	23.98	25.00
		3	0	23.79	24.05	24.00	25.00
		3	2	23.69	24.06	24.03	25.00
		3	3	23.78	23.86	24.02	25.00
	16QAM	6	0	22.68	22.87	23.09	24.00
		1	0	23.25	22.91	23.74	24.00
		1	2	23.23	23.04	23.66	24.00
		1	5	23.32	22.87	23.40	24.00
		3	0	22.89	23.24	22.73	24.00
		3	2	22.87	23.17	23.08	24.00
		3	3	22.72	23.06	22.64	24.00
	64QAM	6	0	21.63	21.91	21.83	23.00
		1	0	21.34	22.11	22.88	23.00
		1	2	21.71	22.02	22.88	23.00
		1	5	21.26	22.05	22.57	23.00
		3	0	21.30	21.98	22.46	23.00
		3	2	21.24	21.77	22.09	23.00
		3	3	21.73	22.20	21.89	23.00
		6	0	20.28	20.84	21.16	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	23025	23095	23165			
		1	0	23.85	23.79	24.03	25.00
		1	7	23.90	24.06	24.08	25.00
		1	14	23.60	23.77	24.02	25.00
		8	0	22.68	23.03	23.11	24.00
		8	4	22.69	23.01	23.15	24.00

		8	7	22.75	23.06	23.06	24.00
		15	0	22.80	22.92	23.05	24.00
	16QAM	1	0	22.86	23.38	23.17	24.00
		1	7	22.44	23.29	23.01	24.00
		1	14	22.87	23.58	23.03	24.00
		8	0	21.79	22.31	21.83	23.00
		8	4	21.86	22.06	22.09	23.00
		8	7	22.00	21.90	22.17	23.00
		15	0	21.91	21.86	22.18	23.00
	64QAM	1	0	22.30	21.83	22.21	23.00
		1	7	22.57	22.14	22.27	23.00
		1	14	22.39	22.24	22.06	23.00
		8	0	20.82	20.94	20.63	22.00
		8	4	20.86	21.00	21.01	22.00
		8	7	20.64	21.05	21.05	22.00
		15	0	20.70	20.90	20.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.44	24.05	24.02	25.00
		1	13	23.64	24.01	23.80	25.00
		1	24	23.75	23.72	24.04	25.00
		12	0	22.66	22.80	23.04	24.00
		12	6	22.71	23.11	23.03	24.00
		12	13	22.71	23.09	23.04	24.00
		25	0	22.76	22.88	23.04	24.00
	16QAM	1	0	22.59	23.23	23.05	24.00
		1	13	22.30	23.49	23.05	24.00
		1	24	22.50	23.50	23.01	24.00
		12	0	21.66	21.68	21.63	23.00
		12	6	21.81	21.86	21.60	23.00
		12	13	21.82	21.66	21.90	23.00
		25	0	21.72	21.94	21.91	23.00
	64QAM	1	0	21.88	22.11	21.31	23.00
		1	13	21.64	21.93	21.19	23.00
		1	24	21.99	22.22	21.48	23.00
		12	0	20.36	21.14	20.87	22.00
		12	6	20.61	21.22	20.87	22.00
		12	13	20.60	21.10	20.68	22.00
		25	0	20.71	20.86	20.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	24.09	/	25.00
		1	25	/	24.07	/	25.00
		1	49	/	23.88	/	25.00
		25	0	/	22.95	/	24.00
		25	13	/	22.90	/	24.00
		25	25	/	22.92	/	24.00
		50	0	/	22.95	/	24.00
	16QAM	1	0	/	23.27	/	24.00
		1	25	/	23.18	/	24.00
		1	49	/	23.31	/	24.00
		25	0	/	21.94	/	23.00
		25	13	/	22.00	/	23.00
		25	25	/	22.11	/	23.00
		50	0	/	21.71	/	23.00
	64QAM	1	0	/	21.87	/	23.00
		1	25	/	22.14	/	23.00
		1	49	/	22.14	/	23.00
		25	0	/	21.05	/	22.00
		25	13	/	20.93	/	22.00
		25	25	/	20.72	/	22.00
		50	0	/	20.72	/	21.00

LTE FDD Band 12 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	20.05	20.51	20.44	21.50
		1	2	20.03	20.42	20.24	21.50
		1	5	20.19	20.16	20.47	21.50

		3	0	20.06	20.22	20.45	21.50
		3	2	20.13	20.44	20.44	21.50
		3	3	20.11	20.43	20.42	21.50
		6	0	20.20	20.27	20.46	21.50
	16QAM	1	0	20.02	20.40	20.35	21.50
		1	2	20.00	20.36	20.21	21.50
		1	5	20.14	20.13	20.41	21.50
		3	0	20.05	20.19	20.41	21.50
		3	2	20.07	20.44	20.36	21.50
		3	3	20.05	20.45	20.39	21.50
		6	0	20.12	20.22	20.42	21.50
	64QAM	1	0	19.98	20.45	20.33	21.50
		1	2	20.01	20.34	20.21	21.50
		1	5	20.10	20.10	20.46	21.50
		3	0	20.02	20.21	20.36	21.50
		3	2	20.12	20.49	20.37	21.50
		3	3	20.09	20.49	20.39	21.50
		6	0	19.75	20.33	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	20.06	20.48	20.41	21.50
		1	7	20.05	20.42	20.25	21.50
		1	14	20.18	20.18	20.49	21.50
		8	0	20.08	20.26	20.46	21.50
		8	4	20.16	20.43	20.43	21.50
		8	7	20.12	20.45	20.46	21.50
	16QAM	15	0	20.17	20.28	20.47	21.50
		1	0	19.98	20.43	20.36	21.50
		1	7	19.99	20.33	20.24	21.50
		1	14	20.09	20.13	20.42	21.50
		8	0	20.03	20.21	20.38	21.50
		8	4	20.10	20.47	20.41	21.50
	64QAM	8	7	20.06	20.46	20.39	21.50
		15	0	20.16	20.19	20.41	21.50
		1	0	19.98	20.44	20.35	21.50
		1	7	19.99	20.32	20.24	21.50
		1	14	20.12	20.09	20.44	21.50
		8	0	20.03	20.20	20.39	21.50
		8	4	20.15	20.46	20.38	21.50
		8	7	20.09	20.50	20.40	21.50
		15	0	20.13	20.26	20.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	20.12	20.54	20.48	21.50
		1	13	20.09	20.46	20.30	21.50
		1	24	20.24	20.22	20.53	21.50
		12	0	20.14	20.29	20.50	21.50
		12	6	20.21	20.51	20.48	21.50
		12	13	20.18	20.50	20.49	21.50
	16QAM	25	0	20.24	20.35	20.51	21.50
		1	0	20.06	20.48	20.41	21.50
		1	13	20.05	20.39	20.27	21.50
		1	24	20.17	20.18	20.45	21.50
		12	0	20.08	20.25	20.46	21.50
		12	6	20.14	20.50	20.44	21.50
	64QAM	12	13	20.13	20.50	20.44	21.50
		25	0	20.19	20.27	20.47	21.50
		1	0	20.05	20.51	20.40	21.50
		1	13	20.04	20.40	20.27	21.50
		1	24	20.17	20.15	20.50	21.50
		12	0	20.08	20.25	20.43	21.50
10MHz	QPSK	12	6	20.18	20.54	20.44	21.50
		12	13	20.14	20.53	20.43	21.50
		25	0	20.18	20.31	20.47	21.00
		25	0	/	20.41	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	

		25	13	/	20.35	/	21.50
		25	25	/	20.39	/	21.50
		50	0	/	20.41	/	21.50
	16QAM	1	0	/	20.49	/	21.50
		1	25	/	20.48	/	21.50
		1	49	/	20.29	/	21.50
		25	0	/	20.36	/	21.50
		25	13	/	20.27	/	21.50
		25	25	/	20.34	/	21.50
		50	0	/	20.35	/	21.50
		1	0	/	20.51	/	21.50
	64QAM	1	25	/	20.49	/	21.50
		1	49	/	20.30	/	21.50
		25	0	/	20.34	/	21.50
		25	13	/	20.29	/	21.50
		25	25	/	20.32	/	21.50
		50	0	/	20.46	/	21.00

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	23.71	/	24.50
		1	13	/	23.68	/	24.50
		1	24	/	23.51	/	24.50
		12	0	/	22.87	/	23.50
		12	6	/	22.89	/	23.50
		12	13	/	22.92	/	23.50
	16QAM	25	0	/	22.84	/	23.50
		1	0	/	22.48	/	23.50
		1	13	/	23.48	/	23.50
		1	24	/	23.36	/	23.50
		12	0	/	21.64	/	22.50
		12	6	/	21.70	/	22.50
	64QAM	12	13	/	21.61	/	22.50
		25	0	/	21.62	/	22.50
		1	0	/	21.62	/	22.50
		1	13	/	22.08	/	22.50
		1	24	/	21.75	/	22.50
		12	0	/	20.85	/	21.50
		12	6	/	21.11	/	21.50
		12	13	/	20.92	/	21.50
		25	0	/	20.89	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
10MHz	QPSK	1	0	/	23.99	/	24.50
		1	25	/	23.98	/	24.50
		1	49	/	23.78	/	24.50
		25	0	/	22.91	/	23.50
		25	13	/	22.86	/	23.50
		25	25	/	22.89	/	23.50
	16QAM	50	0	/	22.77	/	23.50
		1	0	/	22.61	/	23.50
		1	25	/	22.92	/	23.50
		1	49	/	22.84	/	23.50
		25	0	/	21.62	/	22.50
		25	13	/	21.62	/	22.50
	64QAM	25	25	/	21.58	/	22.50
		50	0	/	21.52	/	22.50
		1	0	/	22.45	/	22.50
		1	25	/	22.47	/	22.50
		1	49	/	22.37	/	22.50
		25	0	/	21.06	/	21.50
		25	13	/	21.06	/	21.50
		25	25	/	20.80	/	21.50
		50	0	/	20.61	/	21.50

LTE FDD Band 17 Sensor off	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	23.89	/	25.00
		1	13	/	23.69	/	25.00
		1	24	/	23.80	/	25.00
		12	0	/	22.98	/	24.00
		12	6	/	22.97	/	24.00
		12	13	/	22.83	/	24.00
	16QAM	25	0	/	22.87	/	24.00
		1	0	/	22.90	/	24.00
		1	13	/	23.06	/	24.00
		1	24	/	22.64	/	24.00
		12	0	/	21.94	/	23.00
		12	6	/	21.90	/	23.00
	64QAM	12	13	/	21.86	/	23.00
		25	0	/	21.83	/	23.00
		1	0	/	21.39	/	23.00
		1	13	/	21.79	/	23.00
		1	24	/	21.19	/	23.00
		12	0	/	20.86	/	22.00
10MHz	QPSK	12	6	/	20.86	/	22.00
		12	13	/	20.79	/	22.00
		25	0	/	20.93	/	22.00
	16QAM	1	0	/	23.90	/	25.00
		1	25	/	23.78	/	25.00
		1	49	/	23.83	/	25.00
	64QAM	25	0	/	23.00	/	24.00
		25	13	/	22.93	/	24.00
		25	25	/	22.82	/	24.00
		50	0	/	22.99	/	24.00
	16QAM	1	0	/	23.58	/	24.00
		1	25	/	23.34	/	24.00
		1	49	/	23.26	/	24.00
		25	0	/	22.09	/	23.00
		25	13	/	21.77	/	23.00
		25	25	/	21.89	/	23.00
	64QAM	50	0	/	21.89	/	23.00
		1	0	/	21.28	/	23.00
		1	25	/	21.75	/	23.00
		1	49	/	21.83	/	23.00
		25	0	/	21.05	/	22.00
		25	13	/	20.99	/	22.00
		25	25	/	20.89	/	22.00
		50	0	/	20.85	/	22.00

LTE FDD Band 17 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	20.42	/	21.50
		1	13	/	20.21	/	21.50
		1	24	/	20.26	/	21.50
		12	0	/	20.41	/	21.50
		12	6	/	20.36	/	21.50
		12	13	/	20.25	/	21.50
	16QAM	25	0	/	20.38	/	21.50
		1	0	/	20.24	/	21.50
		1	13	/	20.18	/	21.50
		1	24	/	20.21	/	21.50
		12	0	/	20.35	/	21.50
		12	6	/	20.30	/	21.50
	64QAM	12	13	/	20.18	/	21.50
		25	0	/	20.33	/	21.50
		1	0	/	20.28	/	21.50
		1	13	/	20.18	/	21.50
		1	24	/	20.21	/	21.50
		12	0	/	20.35	/	21.50
		12	6	/	20.34	/	21.50

		12	13	/	20.22	/	21.50
		25	0	/	20.37	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	20.47	/	21.50
		1	25	/	20.26	/	21.50
		1	49	/	20.31	/	21.50
		25	0	/	20.46	/	21.50
		25	13	/	20.42	/	21.50
		25	25	/	20.32	/	21.50
		50	0	/	20.42	/	21.50
	16QAM	1	0	/	20.29	/	21.50
		1	25	/	20.22	/	21.50
		1	49	/	20.27	/	21.50
		25	0	/	20.40	/	21.50
		25	13	/	20.38	/	21.50
		25	25	/	20.24	/	21.50
		50	0	/	20.39	/	21.50
	64QAM	1	0	/	20.34	/	21.50
		1	25	/	20.22	/	21.50
		1	49	/	20.27	/	21.50
		25	0	/	20.40	/	21.50
		25	13	/	20.37	/	21.50
		25	25	/	20.26	/	21.50
		50	0	/	20.41	/	21.50

LTE Band 25				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.10	23.44	23.35	24.50
		1	2	23.19	23.42	23.32	24.50
		1	5	23.12	23.18	23.39	24.50
		3	0	23.00	23.14	23.42	24.50
		3	2	23.10	23.12	23.37	24.50
		3	3	23.15	23.10	23.36	24.50
	16QAM	6	0	22.08	22.22	22.33	23.50
		1	0	22.64	22.07	22.81	23.50
		1	2	22.60	22.22	22.97	23.50
		1	5	22.69	22.21	22.61	23.50
		3	0	22.30	22.39	22.32	23.50
		3	2	21.81	22.28	22.28	23.50
	64QAM	3	3	21.99	22.34	22.12	23.50
		6	0	20.97	20.91	21.36	22.50
		1	0	21.02	21.34	21.89	22.50
		1	2	21.12	21.34	22.01	22.50
		1	5	21.23	21.33	21.91	22.50
		3	0	21.23	21.39	21.83	22.50
		3	2	21.12	21.47	21.76	22.50
		3	3	21.12	21.53	21.69	22.50
		6	0	20.04	20.49	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	23.16	23.17	23.45	24.50
		1	7	23.27	23.38	23.43	24.50
		1	14	23.16	23.18	23.36	24.50
		8	0	22.03	22.09	22.45	23.50
		8	4	21.98	22.14	22.36	23.50
		8	7	22.01	22.12	22.45	23.50
	16QAM	15	0	21.97	22.06	22.50	23.50
		1	0	22.31	22.22	22.42	23.50
		1	7	22.23	22.07	22.50	23.50
		1	14	22.07	22.06	21.99	23.50
		8	0	21.19	20.99	21.82	22.50
		8	4	21.18	21.13	21.75	22.50
		8	7	21.49	21.16	21.68	22.50
		15	0	21.37	21.17	21.67	22.50
	64QAM	1	0	21.11	21.05	22.17	22.50
		1	7	21.32	21.29	22.20	22.50
		1	14	21.18	21.21	22.07	22.50

		8	0	19.80	20.18	20.75	21.50		
		8	4	20.23	20.14	20.69	21.50		
		8	7	19.78	20.12	20.39	21.50		
		15	0	20.19	20.13	20.44	21.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26065	26365	26665			
5MHz	QPSK	1	0	23.11	22.90	23.44	24.50		
		1	13	23.18	23.20	23.26	24.50		
		1	24	22.86	23.24	23.41	24.50		
		12	0	21.98	22.03	22.34	23.50		
		12	6	22.05	22.12	22.44	23.50		
		12	13	22.01	22.11	22.39	23.50		
	16QAM	25	0	22.02	22.08	22.49	23.50		
		1	0	21.59	21.57	22.36	23.50		
		1	13	22.51	22.50	22.72	23.50		
		1	24	22.46	22.44	22.49	23.50		
		12	0	21.00	20.98	21.22	22.50		
		12	6	20.98	21.05	21.26	22.50		
	64QAM	12	13	21.14	20.95	21.27	22.50		
		25	0	20.90	21.23	21.52	22.50		
		1	0	21.31	21.12	20.84	22.50		
		1	13	21.32	21.37	21.54	22.50		
		1	24	21.34	21.32	20.66	22.50		
		12	0	20.02	20.45	20.36	21.50		
			12	6	20.18	20.29	20.34	21.50	
			12	13	20.14	20.37	20.19	21.50	
25			0	20.20	20.29	20.25	21.50		
1			0	23.09	23.30	23.45	24.50		
1			25	23.30	23.42	23.44	24.50		
1			49	23.23	23.30	23.44	24.50		
25			0	22.00	22.15	22.51	23.50		
25			13	22.09	22.16	22.48	23.50		
10MHz	QPSK	25	25	22.00	22.10	22.39	23.50		
		50	0	21.94	22.15	22.41	23.50		
		16QAM	1	0	22.13	22.85	22.51	23.50	
			1	25	22.91	22.55	22.65	23.50	
			1	49	23.05	22.47	22.43	23.50	
			25	0	21.20	20.99	21.58	22.50	
	25		13	21.18	21.36	21.59	22.50		
	25		25	20.99	21.31	21.48	22.50		
	64QAM	50	0	21.01	21.22	21.38	22.50		
		1	0	21.32	21.78	21.59	22.50		
		1	25	21.87	21.72	22.12	22.50		
		1	49	21.94	21.40	21.60	22.50		
25		0	19.93	20.11	20.36	21.50			
25		13	20.35	20.27	20.65	21.50			
		25	25	20.45	20.22	20.34	21.50		
		50	0	20.02	20.08	20.45	21.50		
		15MHz		1	0	23.17	23.18	23.15	24.50
				1	38	23.09	23.42	23.20	24.50
				1	74	22.99	23.13	23.21	24.50
36	0			22.03	22.14	22.35	23.50		
	QPSK	36	18	22.04	22.18	22.39	23.50		
		36	39	22.08	22.09	22.31	23.50		
		75	0	21.99	22.06	22.28	23.50		
		16QAM	1	0	22.04	22.37	22.36	23.50	
			1	38	22.04	22.74	22.71	23.50	
	1		74	22.12	22.70	21.51	23.50		
	36		0	20.97	20.96	21.40	22.50		
	36		18	21.20	21.14	21.34	22.50		
	64QAM	36	39	21.26	21.05	21.20	22.50		
		75	0	21.06	21.12	21.27	22.50		
1		0	21.81	20.64	21.08	22.50			
1		38	21.72	21.59	22.01	22.50			
1		74	21.83	21.26	21.14	22.50			
		36	0	20.12	20.24	20.20	21.50		

		36	18	20.25	20.18	20.26	21.50
		36	39	20.32	20.19	20.20	21.50
		75	0	20.09	20.16	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	23.25	23.46	23.33	24.50
		1	50	23.36	23.43	23.25	24.50
		1	99	22.96	23.39	23.28	24.50
		50	0	22.26	22.38	22.35	23.50
		50	25	22.12	22.13	22.32	23.50
		50	50	22.08	22.07	22.34	23.50
		100	0	21.98	22.35	22.28	23.50
	16QAM	1	0	22.42	22.48	22.23	23.50
		1	50	22.97	22.45	22.85	23.50
		1	99	21.71	22.34	22.91	23.50
		50	0	21.31	21.18	21.36	22.50
		50	25	21.29	21.21	21.40	22.50
		50	50	21.17	21.24	21.43	22.50
		100	0	20.97	21.15	21.34	22.50
	64QAM	1	0	21.37	21.43	21.62	22.50
		1	50	21.79	21.81	21.73	22.50
		1	99	21.26	21.50	21.02	22.50
		50	0	20.11	20.13	20.19	21.50
		50	25	20.18	20.07	20.28	21.50
		50	50	20.19	20.11	20.29	21.50
		100	0	20.02	19.92	20.31	21.50

LTE Band 25 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	17.65	17.89	17.74	19.00
		1	2	17.78	17.82	17.71	19.00
		1	5	17.38	17.78	17.68	19.00
		3	0	17.70	17.82	17.75	19.00
		3	2	17.50	17.51	17.73	19.00
		3	3	17.50	17.45	17.77	19.00
		6	0	17.38	17.78	17.70	19.00
	16QAM	1	0	17.61	17.82	17.69	19.00
		1	2	17.75	17.81	17.62	19.00
		1	5	17.33	17.74	17.65	19.00
		3	0	17.67	17.76	17.74	19.00
		3	2	17.45	17.49	17.67	19.00
		3	3	17.48	17.38	17.72	19.00
		6	0	17.34	17.69	17.67	19.00
	64QAM	1	0	17.58	17.88	17.72	19.00
		1	2	17.73	17.80	17.63	19.00
		1	5	17.33	17.74	17.64	19.00
		3	0	17.65	17.78	17.69	19.00
		3	2	17.45	17.44	17.70	19.00
		3	3	17.45	17.39	17.69	19.00
		6	0	17.33	17.71	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	17.63	17.87	17.78	19.00
		1	7	17.83	17.83	17.67	19.00
		1	14	17.38	17.79	17.69	19.00
		8	0	17.68	17.79	17.76	19.00
		8	4	17.49	17.54	17.72	19.00
		8	7	17.49	17.48	17.77	19.00
		15	0	17.37	17.76	17.71	19.00
	16QAM	1	0	17.60	17.81	17.68	19.00
		1	7	17.74	17.84	17.62	19.00
		1	14	17.30	17.70	17.65	19.00
		8	0	17.63	17.76	17.73	19.00
		8	4	17.46	17.46	17.65	19.00
		8	7	17.43	17.37	17.73	19.00
		15	0	17.33	17.73	17.67	19.00
	64QAM	1	0	17.60	17.87	17.69	19.00
		1	7	17.76	17.79	17.64	19.00

		1	14	17.35	17.77	17.63	19.00
		8	0	17.67	17.77	17.71	19.00
		8	4	17.45	17.48	17.68	19.00
		8	7	17.45	17.40	17.67	19.00
		15	0	17.35	17.68	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	17.67	17.87	17.77	19.00
		1	13	17.82	17.84	17.67	19.00
		1	24	17.36	17.79	17.72	19.00
		12	0	17.70	17.79	17.76	19.00
		12	6	17.51	17.55	17.70	19.00
		12	13	17.49	17.49	17.73	19.00
	16QAM	25	0	17.42	17.77	17.74	19.00
		1	0	17.63	17.85	17.69	19.00
		1	13	17.71	17.84	17.64	19.00
		1	24	17.29	17.71	17.66	19.00
		12	0	17.65	17.73	17.75	19.00
		12	6	17.47	17.48	17.63	19.00
	64QAM	12	13	17.46	17.40	17.71	19.00
		25	0	17.35	17.74	17.68	19.00
		1	0	17.57	17.84	17.68	19.00
		1	13	17.73	17.80	17.61	19.00
		1	24	17.31	17.73	17.65	19.00
		12	0	17.66	17.80	17.70	19.00
10MHz	QPSK	12	6	17.45	17.46	17.66	19.00
		12	13	17.46	17.38	17.68	19.00
		25	0	17.33	17.69	17.66	19.00
	16QAM	1	0	17.68	17.90	17.76	19.00
		1	25	17.82	17.86	17.68	19.00
		1	49	17.34	17.79	17.68	19.00
	64QAM	25	0	17.73	17.83	17.78	19.00
		25	13	17.54	17.55	17.72	19.00
		25	25	17.53	17.46	17.74	19.00
		50	0	17.41	17.76	17.70	19.00
		1	0	17.62	17.82	17.68	19.00
		1	25	17.75	17.84	17.61	19.00
		1	49	17.30	17.73	17.63	19.00
15MHz	QPSK	25	0	17.66	17.74	17.71	19.00
		25	13	17.45	17.49	17.65	19.00
		25	25	17.47	17.39	17.71	19.00
		50	0	17.34	17.73	17.70	19.00
	16QAM	1	0	17.57	17.85	17.73	19.00
		1	25	17.74	17.82	17.63	19.00
	64QAM	1	49	17.30	17.73	17.61	19.00
		25	0	17.63	17.78	17.69	19.00
		25	13	17.47	17.46	17.70	19.00
		25	25	17.43	17.42	17.67	19.00
		50	0	17.35	17.70	17.65	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	17.67	17.92	17.78	19.00
		1	38	17.82	17.85	17.69	19.00
		1	74	17.38	17.81	17.72	19.00
		36	0	17.70	17.83	17.79	19.00
		36	18	17.52	17.53	17.74	19.00
		36	39	17.48	17.45	17.73	19.00
	16QAM	75	0	17.38	17.78	17.70	19.00
		1	0	17.62	17.81	17.69	19.00
		1	38	17.74	17.83	17.61	19.00
		1	74	17.32	17.69	17.63	19.00
		36	0	17.64	17.75	17.75	19.00
		36	18	17.44	17.48	17.63	19.00
	64QAM	36	39	17.44	17.39	17.72	19.00
		75	0	17.36	17.70	17.65	19.00
		1	0	17.61	17.86	17.70	19.00
		1	38	17.76	17.83	17.65	19.00
		1	74	17.30	17.75	17.63	19.00

		36	0	17.66	17.76	17.68	19.00
		36	18	17.46	17.46	17.68	19.00
		36	39	17.44	17.42	17.65	19.00
		75	0	17.34	17.68	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	17.71	17.95	17.81	19.00
		1	50	17.86	17.90	17.74	19.00
		1	99	17.42	17.85	17.75	19.00
		50	0	17.76	17.86	17.83	19.00
		50	25	17.57	17.58	17.77	19.00
		50	50	17.56	17.53	17.80	19.00
		100	0	17.45	17.83	17.77	19.00
	16QAM	1	0	17.67	17.88	17.73	19.00
		1	50	17.79	17.87	17.68	19.00
		1	99	17.36	17.77	17.70	19.00
		50	0	17.70	17.81	17.79	19.00
		50	25	17.51	17.53	17.70	19.00
		50	50	17.51	17.45	17.76	19.00
		100	0	17.40	17.77	17.73	19.00
	64QAM	1	0	17.65	17.91	17.76	19.00
		1	50	17.80	17.86	17.68	19.00
		1	99	17.38	17.80	17.68	19.00
		50	0	17.70	17.83	17.76	19.00
		50	25	17.51	17.52	17.73	19.00
		50	50	17.51	17.46	17.72	19.00
		100	0	17.38	17.75	17.71	19.00

LTE Band 66 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	23.54	23.81	23.46	25.00
		1	2	23.50	23.92	23.42	25.00
		1	5	23.51	23.69	23.62	25.00
		3	0	23.41	23.87	23.50	25.00
		3	1	23.42	23.91	23.48	25.00
		3	3	23.24	23.85	23.46	25.00
		6	0	22.53	22.92	22.50	24.00
	16QAM	1	0	22.90	23.57	22.98	24.00
		1	2	23.15	23.55	23.02	24.00
		1	5	23.10	23.58	22.85	24.00
		3	0	22.40	23.29	22.52	24.00
		3	1	22.57	22.70	22.42	24.00
		3	3	22.40	22.66	22.54	24.00
		6	0	21.35	22.27	21.34	23.00
	64QAM	1	0	22.14	21.74	22.13	23.00
		1	2	22.23	22.06	22.27	23.00
		1	5	22.06	22.25	22.13	23.00
		3	0	21.50	21.91	21.52	22.00
		3	1	21.63	21.85	21.55	22.00
		3	3	21.99	21.88	21.61	22.00
		6	0	20.57	20.71	20.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	23.37	23.80	23.57	25.00
		1	7	23.63	24.12	23.70	25.00
		1	14	23.37	23.72	23.56	25.00
		8	0	22.58	22.96	22.61	24.00
		8	4	22.55	22.92	22.55	24.00
		8	7	22.55	22.96	22.55	24.00
		15	0	22.55	22.85	22.61	24.00
	16QAM	1	0	22.59	23.22	22.85	24.00
		1	7	22.57	23.23	22.88	24.00
		1	14	22.61	23.18	22.52	24.00
		8	0	21.58	22.34	21.47	23.00
		8	4	21.72	21.84	21.33	23.00
		8	7	21.80	22.08	21.36	23.00
		15	0	21.37	21.85	21.48	23.00
	64QAM	1	0	22.30	21.93	21.46	23.00

		1	7	22.37	22.01	21.88	23.00
		1	14	22.17	21.94	21.66	23.00
		8	0	20.70	20.66	20.41	22.00
		8	4	20.71	20.65	20.36	22.00
		8	7	20.75	20.88	20.40	22.00
		15	0	20.45	20.58	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.20	23.77	23.25	25.00
		1	13	23.24	23.76	23.65	25.00
		1	24	23.16	23.76	23.55	25.00
		12	0	22.52	22.99	22.61	24.00
		12	6	22.50	22.99	22.64	24.00
		12	13	22.47	22.92	22.58	24.00
	16QAM	25	0	22.47	22.92	22.58	24.00
		1	0	22.15	23.36	22.68	24.00
		1	13	22.48	23.56	22.87	24.00
		1	24	22.83	23.24	22.52	24.00
		12	0	21.63	21.82	21.46	23.00
		12	6	21.51	21.72	21.41	23.00
	64QAM	12	13	21.48	21.56	21.38	23.00
		25	0	21.54	21.68	21.60	23.00
		1	0	21.41	22.23	21.77	23.00
		1	13	21.41	22.24	21.69	23.00
		1	24	21.70	21.85	21.71	23.00
		12	0	20.33	21.04	20.37	22.00
10MHz	QPSK	12	6	20.32	21.05	20.40	22.00
		12	13	20.28	20.97	20.29	22.00
		25	0	20.44	20.84	20.57	21.00
	16QAM	1	0	23.65	24.17	23.81	25.00
		1	25	23.58	24.15	23.78	25.00
		1	49	23.30	23.83	23.34	25.00
	64QAM	25	0	22.47	22.95	22.72	24.00
		25	13	22.47	22.93	22.62	24.00
		25	25	22.55	22.89	22.65	24.00
		50	0	22.51	22.89	22.62	24.00
	16QAM	1	0	22.71	23.35	23.01	24.00
		1	25	23.33	23.43	22.76	24.00
		1	49	22.53	23.29	22.45	24.00
		25	0	21.64	22.02	21.79	23.00
		25	13	21.54	21.82	21.61	23.00
		25	25	21.54	21.89	21.65	23.00
15MHz	QPSK	50	0	21.46	21.86	21.39	23.00
		1	0	21.75	22.24	21.85	23.00
		1	25	22.24	21.98	21.83	23.00
		1	49	22.15	21.72	21.71	23.00
		25	0	20.76	20.95	20.57	22.00
		25	13	20.76	20.93	20.58	22.00
	16QAM	25	25	20.37	20.89	20.43	22.00
		50	0	20.48	20.87	20.67	21.00
		1	0	23.47	24.09	23.85	25.00
		1	38	23.32	24.06	23.64	25.00
		1	74	23.19	23.77	23.39	25.00
		36	0	22.47	23.02	22.76	24.00
5MHz	QPSK	36	18	22.57	22.90	22.63	24.00
		36	39	22.45	22.76	22.53	24.00
		75	0	22.50	22.86	22.68	24.00
	16QAM	1	0	22.61	23.66	22.97	24.00
		1	38	23.38	23.95	22.76	24.00
		1	74	22.57	23.41	22.24	24.00
	64QAM	36	0	21.49	22.04	21.65	23.00
		36	18	21.52	21.84	21.54	23.00
		36	39	21.38	21.81	21.35	23.00
		75	0	21.45	21.83	21.59	23.00
		1	0	21.63	21.36	22.06	23.00
		1	38	22.19	21.92	21.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	

		1	74	22.09	21.75	21.25	23.00
		36	0	20.42	21.10	20.88	22.00
		36	18	20.75	20.99	20.76	22.00
		36	39	20.59	20.94	20.40	22.00
		75	0	20.47	20.85	20.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.23	24.19	23.82	25.00
		1	50	23.71	24.16	23.87	25.00
		1	99	23.25	23.61	23.53	25.00
		50	0	22.52	22.97	22.84	24.00
		50	25	22.44	22.87	22.75	24.00
		50	50	22.56	22.79	22.58	24.00
	16QAM	100	0	22.54	22.88	22.74	24.00
		1	0	22.99	23.26	23.33	24.00
		1	50	23.20	23.24	23.68	24.00
		1	99	23.18	23.12	23.05	24.00
		50	0	21.54	22.02	21.71	23.00
		50	25	21.59	21.96	21.63	23.00
	64QAM	50	50	21.50	21.85	21.48	23.00
		100	0	21.49	21.66	21.67	23.00
		1	0	22.01	22.31	22.22	23.00
		1	50	21.64	22.33	22.51	23.00
		1	99	21.48	22.12	21.10	23.00
		50	0	20.59	20.85	20.88	22.00
		50	25	20.53	20.79	20.82	22.00
		50	50	20.56	20.83	20.48	22.00
		100	0	20.43	20.70	20.69	21.00

LTE Band 66 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	18.17	19.12	18.75	20.00
		1	2	18.64	19.12	18.79	20.00
		1	5	18.17	18.56	18.47	20.00
		3	0	18.43	18.87	18.78	20.00
		3	1	18.35	18.77	18.68	20.00
		3	3	18.48	18.72	18.49	20.00
	16QAM	6	0	18.44	18.78	18.61	20.00
		1	0	18.11	19.06	18.69	20.00
		1	2	18.54	19.06	18.73	20.00
		1	5	18.10	18.49	18.40	20.00
		3	0	18.39	18.80	18.70	20.00
		3	1	18.29	18.73	18.62	20.00
	64QAM	3	3	18.42	18.69	18.45	20.00
		6	0	18.42	18.74	18.59	20.00
		1	0	18.13	19.04	18.68	20.00
		1	2	18.55	19.02	18.71	20.00
		1	5	18.09	18.51	18.37	20.00
		3	0	18.41	18.80	18.67	20.00
		3	1	18.31	18.75	18.58	20.00
		3	3	18.46	18.63	18.48	20.00
		6	0	18.43	18.74	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	18.15	19.13	18.75	20.00
		1	7	18.61	19.10	18.77	20.00
		1	14	18.13	18.57	18.43	20.00
		8	0	18.43	18.88	18.75	20.00
		8	4	18.34	18.77	18.68	20.00
		8	7	18.49	18.69	18.53	20.00
		15	0	18.43	18.78	18.62	20.00
	16QAM	1	0	18.09	19.07	18.67	20.00
		1	7	18.56	19.05	18.74	20.00
		1	14	18.09	18.50	18.40	20.00
		8	0	18.37	18.78	18.71	20.00
		8	4	18.30	18.76	18.60	20.00
		8	7	18.42	18.67	18.44	20.00
		15	0	18.40	18.75	18.57	20.00

		1	0	18.15	19.04	18.68	20.00
		1	7	18.58	19.00	18.73	20.00
		1	14	18.10	18.52	18.37	20.00
		8	0	18.39	18.81	18.69	20.00
		8	4	18.32	18.76	18.61	20.00
		8	7	18.44	18.64	18.47	20.00
		15	0	18.41	18.73	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	18.18	19.10	18.76	20.00
		1	13	18.63	19.09	18.79	20.00
		1	24	18.17	18.52	18.45	20.00
		12	0	18.44	18.86	18.76	20.00
		12	6	18.34	18.77	18.70	20.00
		12	13	18.47	18.71	18.52	20.00
	16QAM	25	0	18.46	18.81	18.66	20.00
		1	0	18.12	19.08	18.66	20.00
		1	13	18.56	19.06	18.71	20.00
		1	24	18.11	18.50	18.42	20.00
		12	0	18.38	18.78	18.66	20.00
		12	6	18.31	18.74	18.64	20.00
	64QAM	12	13	18.44	18.66	18.48	20.00
		25	0	18.42	18.79	18.58	20.00
		1	0	18.14	19.07	18.67	20.00
		1	13	18.56	19.03	18.71	20.00
		1	24	18.10	18.49	18.40	20.00
		12	0	18.38	18.80	18.68	20.00
10MHz	QPSK	12	6	18.34	18.75	18.58	20.00
		12	13	18.46	18.65	18.43	20.00
		25	0	18.41	18.73	18.58	20.00
	16QAM	1	0	18.16	19.12	18.74	20.00
		1	25	18.61	19.09	18.81	20.00
		1	49	18.17	18.54	18.46	20.00
	64QAM	25	0	18.42	18.89	18.77	20.00
		25	13	18.36	18.77	18.69	20.00
		25	25	18.47	18.71	18.52	20.00
	16QAM	50	0	18.46	18.78	18.64	20.00
		1	0	18.12	19.07	18.67	20.00
		1	25	18.57	19.02	18.74	20.00
		1	49	18.11	18.50	18.41	20.00
	64QAM	25	0	18.38	18.80	18.67	20.00
		25	13	18.29	18.75	18.59	20.00
		25	25	18.45	18.68	18.46	20.00
	64QAM	50	0	18.41	18.78	18.60	20.00
		1	0	18.14	19.03	18.67	20.00
		1	25	18.56	19.02	18.74	20.00
		1	49	18.10	18.49	18.40	20.00
	64QAM	25	0	18.37	18.78	18.69	20.00
		25	13	18.32	18.72	18.61	20.00
		25	25	18.46	18.61	18.46	20.00
		50	0	18.44	18.75	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	18.16	19.13	18.72	20.00
		1	38	18.63	19.09	18.77	20.00
		1	74	18.16	18.52	18.47	20.00
		36	0	18.44	18.85	18.74	20.00
		36	18	18.39	18.79	18.70	20.00
		36	39	18.47	18.69	18.53	20.00
	16QAM	75	0	18.43	18.81	18.66	20.00
		1	0	18.13	19.09	18.71	20.00
		1	38	18.55	19.03	18.75	20.00
		1	74	18.12	18.51	18.40	20.00
		36	0	18.40	18.81	18.70	20.00
		36	18	18.31	18.73	18.60	20.00
	64QAM	36	39	18.43	18.69	18.49	20.00
		75	0	18.42	18.78	18.61	20.00
		1	0	18.15	19.07	18.69	20.00

		1	38	18.59	19.00	18.71	20.00
		1	74	18.11	18.51	18.38	20.00
		36	0	18.40	18.79	18.71	20.00
		36	18	18.32	18.74	18.59	20.00
		36	39	18.44	18.62	18.47	20.00
		75	0	18.44	18.73	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	18.22	19.17	18.79	20.00
		1	50	18.67	19.15	18.84	20.00
		1	99	18.21	18.60	18.50	20.00
		50	0	18.48	18.92	18.81	20.00
		50	25	18.42	18.84	18.73	20.00
		50	50	18.54	18.76	18.57	20.00
		100	0	18.50	18.86	18.69	20.00
	16QAM	1	0	18.17	19.14	18.74	20.00
		1	50	18.61	19.09	18.79	20.00
		1	99	18.16	18.55	18.45	20.00
		50	0	18.44	18.85	18.74	20.00
		50	25	18.35	18.79	18.67	20.00
		50	50	18.49	18.72	18.52	20.00
		100	0	18.46	18.82	18.65	20.00
	64QAM	1	0	18.19	19.11	18.74	20.00
		1	50	18.63	19.07	18.77	20.00
		1	99	18.16	18.56	18.44	20.00
		50	0	18.45	18.85	18.74	20.00
		50	25	18.39	18.79	18.66	20.00
		50	50	18.51	18.69	18.51	20.00
		100	0	18.47	18.79	18.64	20.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.30	22.71	22.77	24.00
		1	13	22.64	22.71	22.76	24.00
		1	24	22.45	22.58	22.72	24.00
		12	0	21.43	21.93	22.00	23.00
		12	6	21.46	22.01	21.96	23.00
		12	13	21.50	21.86	21.90	23.00
		25	0	21.49	21.81	22.02	23.00
	16QAM	1	0	21.01	22.21	22.00	23.00
		1	13	21.30	22.46	22.63	23.00
		1	24	21.18	22.37	22.00	23.00
		12	0	20.49	20.85	21.19	22.00
		12	6	20.53	20.74	21.34	22.00
		12	13	20.46	20.86	21.10	22.00
		25	0	20.38	20.90	20.94	22.00
	64QAM	1	0	20.45	21.06	20.32	22.00
		1	13	20.90	21.26	20.78	22.00
		1	24	20.51	20.74	20.64	22.00
		12	0	19.32	20.02	19.92	21.00
		12	6	19.58	19.54	19.88	21.00
		12	13	19.27	19.87	19.68	21.00
		25	0	19.49	19.89	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.42	22.78	22.73	24.00
		1	25	22.34	22.75	22.77	24.00
		1	49	22.51	22.65	22.72	24.00
		25	0	21.49	21.90	22.04	23.00
		25	13	21.50	21.95	22.06	23.00
		25	25	21.61	21.84	22.08	23.00
		50	0	21.60	21.90	21.92	23.00
	16QAM	1	0	21.34	22.47	22.51	23.00
		1	25	21.60	22.57	22.75	23.00
		1	49	21.26	22.31	22.26	23.00
		25	0	20.46	21.33	21.37	22.00
		25	13	20.61	21.02	21.13	22.00
		25	25	20.66	20.99	21.12	22.00

	64QAM	50	0	20.47	20.95	20.88	22.00
		1	0	21.15	21.15	21.18	22.00
		1	25	21.37	21.06	21.27	22.00
		1	49	21.71	20.90	20.93	22.00
		25	0	19.48	19.89	20.17	21.00
		25	13	19.85	20.32	20.56	21.00
		25	25	19.83	19.85	20.49	21.00
		50	0	19.63	19.89	20.08	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	37825	38000	38175	24.00
		1	38	22.43	22.76	22.75	24.00
		1	74	22.48	22.74	22.77	24.00
		1	74	22.51	22.73	22.70	24.00
		36	0	21.55	21.91	22.05	23.00
		36	18	21.68	21.90	21.99	23.00
		36	39	21.67	21.76	22.13	23.00
	16QAM	75	0	21.57	21.98	22.06	23.00
		1	0	21.38	22.56	22.38	23.00
		1	38	21.85	22.55	21.90	23.00
		1	74	21.62	22.48	21.67	23.00
		36	0	20.53	21.03	21.33	22.00
		36	18	20.69	20.92	21.21	22.00
		36	39	20.63	20.99	21.21	22.00
	64QAM	75	0	20.59	20.91	21.12	22.00
		1	0	21.40	21.18	21.23	22.00
		1	38	21.05	20.93	21.50	22.00
		1	74	21.85	21.04	20.52	22.00
		36	0	19.64	20.00	20.06	21.00
		36	18	19.48	19.98	20.08	21.00
		36	39	19.80	19.87	20.18	21.00
20MHz	QPSK	75	0	19.51	19.92	20.04	21.00
		1	0	Channel	Channel	Channel	Tune up
		1	50	37850	38000	38150	24.00
		1	99	22.58	22.79	22.78	24.00
		50	0	22.78	22.74	22.72	24.00
		50	25	22.76	22.74	22.69	24.00
		50	50	21.66	22.20	21.98	23.00
	16QAM	100	0	21.76	22.14	22.13	23.00
		1	0	21.82	21.76	22.03	23.00
		1	50	21.74	22.11	21.98	23.00
		1	99	22.01	21.55	22.56	23.00
		50	0	21.96	21.99	22.81	23.00
		50	25	22.21	21.55	22.48	23.00
		50	50	20.70	21.12	20.96	22.00
	64QAM	100	0	20.67	20.96	21.23	22.00
		1	0	20.79	20.85	21.05	22.00
		1	50	20.70	20.77	21.01	22.00
		1	99	21.14	21.82	20.87	22.00
		50	0	20.90	21.95	21.19	22.00
		50	25	21.18	21.84	20.84	22.00
		50	50	19.76	19.88	20.02	21.00
	QPSK	50	0	19.69	19.83	20.24	21.00
		50	25	19.80	19.75	20.08	21.00
		50	50	19.83	19.85	20.49	21.00
	16QAM	100	0	19.64	19.89	20.08	21.00
		1	0	Channel	Channel	Channel	Tune up
		1	50	37850	38000	38150	24.00
		1	99	22.58	22.79	22.78	24.00
		50	0	22.78	22.74	22.72	24.00
		50	25	22.76	22.74	22.69	24.00
		50	50	21.66	22.20	21.98	23.00
	64QAM	100	0	21.76	22.14	22.13	23.00
		1	0	21.82	21.76	22.03	23.00
		1	50	21.74	22.11	21.98	23.00
		1	99	22.01	21.55	22.56	23.00
		50	0	21.96	21.99	22.81	23.00
		50	25	22.21	21.55	22.48	23.00
		50	50	20.70	21.12	20.96	22.00

LTE Band 38 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	16.00
		1	13	14.49	14.74	14.69	16.00
		1	24	14.70	14.66	14.69	16.00
		12	0	14.68	14.65	14.64	16.00
		12	6	14.57	14.69	14.64	16.00
		12	13	14.65	14.67	14.64	16.00
		25	0	14.73	14.68	14.55	16.00
	16QAM	1	0	14.68	14.69	14.68	16.00
		1	13	14.40	14.67	14.58	16.00
		1	24	14.63	14.61	14.57	16.00
		12	0	14.62	14.62	14.60	16.00
		12	6	14.62	14.62	14.60	16.00
		12	13	14.49	14.65	14.57	16.00
		25	0	14.49	14.65	14.57	16.00

	64QAM	12	6	14.62	14.61	14.58	16.00
		12	13	14.71	14.65	14.53	16.00
		25	0	14.60	14.62	14.66	16.00
		1	0	14.38	14.69	14.63	16.00
		1	13	14.64	14.57	14.59	16.00
		1	24	14.61	14.58	14.56	16.00
		12	0	14.53	14.60	14.56	16.00
		12	6	14.62	14.63	14.59	16.00
		12	13	14.72	14.60	14.50	16.00
		25	0	14.61	14.66	14.58	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.47	14.75	14.68	16.00
		1	25	14.68	14.65	14.68	16.00
		1	49	14.69	14.63	14.67	16.00
		25	0	14.56	14.68	14.63	16.00
		25	13	14.65	14.69	14.66	16.00
		25	25	14.72	14.64	14.59	16.00
	16QAM	50	0	14.64	14.66	14.66	16.00
		1	0	14.40	14.68	14.59	16.00
		1	25	14.62	14.59	14.59	16.00
		1	49	14.61	14.63	14.58	16.00
		25	0	14.49	14.67	14.58	16.00
		25	13	14.61	14.61	14.58	16.00
	64QAM	25	25	14.71	14.64	14.52	16.00
		50	0	14.64	14.64	14.61	16.00
		1	0	14.38	14.66	14.63	16.00
		1	25	14.64	14.57	14.60	16.00
		1	49	14.63	14.59	14.55	16.00
		25	0	14.55	14.64	14.58	16.00
15MHz	QPSK	25	13	14.57	14.62	14.57	16.00
		25	25	14.71	14.61	14.50	16.00
		50	0	14.60	14.66	14.59	16.00
	16QAM	1	0	14.46	14.73	14.71	16.00
		1	38	14.66	14.62	14.68	16.00
		1	74	14.66	14.64	14.63	16.00
	64QAM	36	0	14.57	14.71	14.65	16.00
		36	18	14.66	14.68	14.62	16.00
		36	39	14.75	14.67	14.54	16.00
		75	0	14.67	14.67	14.69	16.00
		1	0	14.41	14.68	14.60	16.00
		1	38	14.62	14.59	14.56	16.00
		1	74	14.61	14.61	14.62	16.00
20MHz	QPSK	36	0	14.49	14.66	14.58	16.00
		36	18	14.60	14.62	14.59	16.00
		36	39	14.69	14.62	14.53	16.00
		75	0	14.61	14.62	14.64	16.00
	16QAM	1	0	14.40	14.68	14.63	16.00
		1	38	14.60	14.60	14.56	16.00
		1	74	14.60	14.59	14.57	16.00
		36	0	14.52	14.61	14.58	16.00
		36	18	14.57	14.58	14.59	16.00
		36	39	14.74	14.60	14.51	16.00
	64QAM	75	0	14.62	14.66	14.59	16.00
		1	0	14.53	14.77	14.74	16.00
		1	50	14.74	14.70	14.72	16.00
		1	99	14.72	14.70	14.70	16.00
		50	0	14.64	14.75	14.69	16.00
		50	25	14.71	14.73	14.69	16.00
		50	50	14.72	14.72	14.62	16.00
	16QAM	100	0	14.71	14.73	14.72	16.00
		1	0	14.47	14.72	14.66	16.00
		1	50	14.68	14.66	14.64	16.00
		1	99	14.66	14.67	14.65	16.00
		50	0	14.56	14.70	14.64	16.00
		50	25	14.67	14.65	14.63	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	

		50	50	14.75	14.69	14.59	16.00
		100	0	14.68	14.69	14.69	16.00
	64QAM	1	0	14.46	14.73	14.70	16.00
		1	50	14.68	14.64	14.64	16.00
		1	99	14.66	14.62	14.62	16.00
		50	0	14.59	14.68	14.64	16.00
		50	25	14.65	14.66	14.63	16.00
		50	50	14.75	14.65	14.58	16.00
		100	0	14.67	14.70	14.65	16.00

LTE Band 41 Sensor off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	24.00
		1	13	22.66	22.48	22.69	22.36	23.55	24.00
		1	24	22.83	22.13	22.71	22.24	23.44	24.00
		12	0	22.6	22.21	22.52	22.25	23.5	24.00
		12	6	21.8	21.69	21.92	21.57	22.64	23.00
		12	13	21.89	21.62	21.85	21.63	22.6	23.00
	16QAM	25	0	21.81	21.6	21.76	21.7	22.69	23.00
		25	0	21.8	21.81	21.77	21.78	22.85	23.00
		1	0	21.7	22.11	21.48	22.12	22.68	23.00
		1	13	21.25	22.37	21.26	22.43	22.78	23.00
		1	24	21.06	21.7	21.17	21.72	22.81	23.00
		12	0	20.74	20.39	20.58	20.2	21.54	22.00
	64QAM	12	6	20.67	20.48	20.89	20.51	21.51	22.00
		12	13	20.8	20.16	20.65	20.24	21.55	22.00
		25	0	20.76	20.3	20.77	20.32	21.63	22.00
		1	0	21.00	20.60	20.91	20.55	20.50	22.00
		1	13	20.70	20.88	20.83	20.85	21.25	22.00
		1	24	20.50	20.76	20.59	20.76	20.50	22.00
10MHz	QPSK	12	0	19.79	19.75	19.81	19.92	20.55	21.00
		12	6	19.46	19.60	19.55	19.86	20.34	21.00
		12	13	19.48	19.48	19.46	19.51	20.53	21.00
		25	0	19.56	19.62	19.75	19.60	20.78	21.00
	16QAM	1	0	39700	40160	40620	41080	41540	24.00
		1	25	22.44	22.74	22.6	22.87	23.55	24.00
		1	49	22.66	23.02	22.46	22.78	23.52	24.00
		25	0	22.58	22.36	22.69	22.1	23.51	24.00
		25	13	21.8	21.77	21.81	21.72	22.89	23.00
		25	25	21.78	21.45	21.85	21.6	22.84	23.00
	64QAM	50	0	21.75	21.45	21.92	21.56	22.65	23.00
		50	0	21.71	21.47	21.62	21.56	22.7	23.00
		1	0	21.26	22.12	21.22	22.14	22.92	23.00
		1	25	21.58	22.09	21.51	22.07	22.93	23.00
		1	49	21.5	22.16	21.53	21.93	22.58	23.00
		25	0	20.99	20.92	20.92	20.7	21.81	22.00
15MHz	QPSK	25	13	21.07	20.77	20.84	20.6	21.85	22.00
		25	25	20.7	20.65	20.56	20.59	21.59	22.00
		50	0	20.81	20.4	20.8	20.29	21.89	22.00
	16QAM	1	0	21.47	20.93	21.42	21.03	21.97	22.00
		1	25	21.88	21.39	21.69	21.27	21.70	22.00
		1	49	21.84	20.58	21.98	20.79	21.82	22.00
	64QAM	25	0	19.52	19.46	19.78	19.48	20.88	21.00
		25	13	19.57	19.59	19.52	19.70	20.76	21.00
		25	25	19.82	19.62	19.68	19.77	20.83	21.00
		50	0	19.75	19.50	19.76	19.45	20.69	21.00
	QPSK	1	0	39725	40173	40620	41068	41515	24.00
		1	38	22.68	22.59	22.64	22.6	23.54	24.00
		1	74	22.48	22.96	22.56	22.89	23.45	24.00
		36	0	22.8	22.38	22.76	22.26	23.38	24.00
		36	18	21.69	21.76	21.95	21.57	22.93	23.00
		36	39	21.8	21.59	21.8	21.68	22.73	23.00
	16QAM	75	0	21.97	21.34	21.93	21.3	22.41	23.00
		1	0	21.71	21.61	21.81	21.68	22.69	23.00
		1	38	21.36	22.41	21.23	22.34	22.82	23.00
		1	74	21.47	22.03	21.52	22.18	22.77	23.00
		1		21.41	22.02	21.52	22.1	22.46	23.00

		36	0	20.81	20.88	20.9	20.73	21.58	22.00
		36	18	21.02	20.62	20.97	20.6	21.47	22.00
		36	39	20.58	20.68	20.68	20.69	21.67	22.00
		75	0	20.95	20.46	20.78	20.28	21.69	22.00
	64QAM	1	0	21.47	21.02	21.34	21.14	21.77	22.00
		1	38	21.86	21.20	21.98	21.23	21.47	22.00
		1	74	21.79	20.81	21.84	20.64	21.62	22.00
		36	0	19.71	19.51	19.52	19.58	20.82	21.00
		36	18	19.75	19.61	19.62	19.71	20.80	21.00
		36	39	19.58	19.78	19.56	19.80	20.54	21.00
		75	0	19.75	19.43	19.69	19.44	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.66	22.59	22.55	22.51	23.57	24.00
		1	50	22.91	22.74	22.53	22.7	23.33	24.00
		1	99	22.95	22.79	22.9	22.86	23.4	24.00
		50	0	21.62	21.52	21.51	21.55	22.68	23.00
		50	25	21.59	21.57	21.56	21.54	22.57	23.00
		50	50	21.72	21.37	21.74	21.44	22.65	23.00
		100	0	21.56	21.47	21.7	21.52	22.29	23.00
	16QAM	1	0	21.1	22.17	21.2	22.18	22.76	23.00
		1	50	21.93	22.28	21.07	22.17	22.52	23.00
		1	99	21.74	21.85	21.64	22.1	21.84	23.00
		50	0	20.71	20.58	20.55	20.71	21.56	22.00
		50	25	20.52	20.67	20.74	20.51	21.62	22.00
		50	50	20.69	20.43	20.56	20.54	21.69	22.00
		100	0	20.54	20.64	20.58	20.45	21.65	22.00
	64QAM	1	0	21.76	20.76	21.74	20.76	21.95	22.00
		1	50	21.19	20.02	21.30	20.28	21.80	22.00
		1	99	21.69	20.69	21.71	20.66	21.54	22.00
		50	0	19.61	19.96	19.76	19.93	20.42	21.00
		50	25	19.67	19.63	19.54	19.71	20.51	21.00
		50	50	19.64	19.76	19.51	19.79	20.81	21.00
		100	0	19.62	19.59	19.51	19.56	20.47	21.00

LTE Band 41 Ssensor on				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	14.57	14.53	14.44	14.46	15.48	16.00
		1	13	14.81	14.66	14.46	14.6	15.27	16.00
		1	24	14.85	14.7	14.77	14.78	15.34	16.00
		12	0	14.55	14.42	14.4	14.39	15.49	16.00
		12	6	14.5	14.51	14.49	14.33	15.42	16.00
		12	13	14.64	14.3	14.7	14.55	15.45	16.00
		25	0	14.48	14.36	14.6	14.33	15.09	16.00
	16QAM	1	0	14.52	14.46	14.4	14.36	15.42	16.00
		1	13	14.78	14.59	14.36	14.56	15.21	16.00
		1	24	14.85	14.65	14.77	14.73	15.26	16.00
		12	0	14.5	14.42	14.34	14.3	15.43	16.00
		12	6	14.46	14.47	14.4	14.31	15.39	16.00
		12	13	14.59	14.23	14.62	14.48	15.42	16.00
		25	0	14.38	14.37	14.59	14.3	15.08	16.00
	64QAM	1	0	14.49	14.46	14.36	14.40	15.43	16.00
		1	13	14.77	14.60	14.42	14.56	15.21	16.00
		1	24	14.86	14.64	14.77	14.75	15.28	16.00
		12	0	14.49	14.39	14.36	14.30	15.40	16.00
		12	6	14.47	14.48	14.43	14.31	15.37	16.00
		12	13	14.58	14.25	14.63	14.49	15.41	16.00
		25	0	14.43	14.30	14.57	14.25	15.06	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	14.56	14.49	14.46	14.43	15.51	16.00
		1	25	14.82	14.64	14.46	14.63	15.28	16.00
		1	49	14.9	14.71	14.77	14.79	15.36	16.00
		25	0	14.57	14.41	14.44	14.36	15.48	16.00
		25	13	14.51	14.52	14.47	14.33	15.42	16.00
		25	25	14.65	14.28	14.67	14.55	15.45	16.00
		50	0	14.45	14.37	14.6	14.33	15.09	16.00
	16QAM	1	0	14.51	14.49	14.4	14.38	15.44	16.00

		1	25	14.78	14.58	14.39	14.57	15.2	16.00
		1	49	14.83	14.67	14.75	14.73	15.25	16.00
		25	0	14.52	14.41	14.38	14.28	15.4	16.00
		25	13	14.48	14.46	14.38	14.31	15.39	16.00
		25	25	14.62	14.24	14.64	14.48	15.4	16.00
		50	0	14.37	14.35	14.59	14.28	15.05	16.00
		1	0	14.51	14.46	14.37	14.36	15.44	16.00
		1	25	14.78	14.59	14.40	14.55	15.24	16.00
		1	49	14.81	14.62	14.77	14.74	15.30	16.00
		25	0	14.51	14.39	14.36	14.33	15.39	16.00
	64QAM	25	13	14.48	14.47	14.44	14.31	15.36	16.00
		25	25	14.62	14.26	14.63	14.47	15.41	16.00
		50	0	14.38	14.31	14.59	14.29	15.03	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	14.56	14.53	14.48	14.42	15.48	16.00
		1	38	14.84	14.65	14.46	14.6	15.26	16.00
		1	74	14.86	14.7	14.81	14.78	15.32	16.00
		36	0	14.54	14.43	14.41	14.36	15.45	16.00
		36	18	14.52	14.5	14.48	14.37	15.4	16.00
		36	39	14.67	14.31	14.7	14.57	15.43	16.00
		75	0	14.45	14.4	14.59	14.31	15.1	16.00
	16QAM	1	0	14.5	14.45	14.39	14.37	15.43	16.00
		1	38	14.79	14.6	14.36	14.55	15.19	16.00
		1	74	14.84	14.64	14.76	14.72	15.28	16.00
		36	0	14.52	14.43	14.35	14.27	15.4	16.00
		36	18	14.46	14.47	14.38	14.33	15.37	16.00
		36	39	14.63	14.24	14.61	14.51	15.4	16.00
		75	0	14.37	14.35	14.56	14.3	15.07	16.00
	64QAM	1	0	14.49	14.45	14.39	14.37	15.42	16.00
		1	38	14.77	14.60	14.42	14.56	15.24	16.00
		1	74	14.84	14.61	14.77	14.74	15.28	16.00
		36	0	14.47	14.40	14.37	14.35	15.37	16.00
		36	18	14.45	14.45	14.46	14.27	15.36	16.00
		36	39	14.60	14.27	14.64	14.46	15.42	16.00
		75	0	14.40	14.31	14.59	14.26	15.07	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	14.61	14.57	14.51	14.49	15.54	16.00
		1	50	14.88	14.7	14.5	14.67	15.32	16.00
		1	99	14.93	14.76	14.85	14.83	15.39	16.00
		50	0	14.6	14.49	14.47	14.43	15.52	16.00
		50	25	14.58	14.57	14.53	14.41	15.46	16.00
		50	50	14.7	14.35	14.74	14.6	15.51	16.00
		100	0	14.52	14.44	14.67	14.39	15.16	16.00
	16QAM	1	0	14.57	14.53	14.45	14.41	15.48	16.00
		1	50	14.83	14.66	14.42	14.61	15.25	16.00
		1	99	14.9	14.71	14.8	14.8	15.32	16.00
		50	0	14.56	14.46	14.41	14.35	15.47	16.00
		50	25	14.53	14.51	14.45	14.37	15.43	16.00
		50	50	14.67	14.29	14.68	14.55	15.48	16.00
		100	0	14.44	14.41	14.62	14.35	15.12	16.00
	64QAM	1	0	14.57	14.51	14.44	14.43	15.50	16.00
		1	50	14.82	14.67	14.46	14.61	15.28	16.00
		1	99	14.89	14.69	14.80	14.79	15.34	16.00
		50	0	14.55	14.45	14.43	14.38	15.45	16.00
		50	25	14.53	14.53	14.49	14.35	15.41	16.00
		50	50	14.66	14.30	14.68	14.53	15.45	16.00
		100	0	14.46	14.37	14.62	14.33	15.11	16.00

LTE Band 71 Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.77	23.38	23.91	25.00
		1	13	23.69	23.71	24.02	25.00
		1	24	23.76	23.73	24	25.00
		12	0	22.91	22.77	23.23	24.00
		12	6	22.84	22.83	23.21	24.00
		12	13	22.72	22.88	23.19	24.00
		12	24	22.72	22.88	23.19	24.00

	16QAM	25	0	22.86	22.79	23.21	24.00
		1	0	22.7	22.28	23.18	24.00
		1	13	22.79	23.5	23	24.00
		1	24	22.28	23.39	22.93	24.00
		12	0	21.92	21.39	21.88	23.00
		12	6	21.89	21.48	22.11	23.00
		12	13	21.74	21.54	22.01	23.00
	64QAM	25	0	21.67	21.48	21.87	23.00
		1	0	22.11	21.67	21.39	23.00
		1	13	22.04	22.00	21.36	23.00
		1	24	21.99	21.65	21.27	23.00
		12	0	20.74	21.07	20.86	22.00
		12	6	20.77	21.09	21.09	22.00
		12	13	20.65	20.85	21.04	22.00
		25	0	20.88	20.94	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	24.01	23.71	24.05	25.00
		1	25	23.98	24.03	24.02	25.00
		1	49	23.93	24	24.02	25.00
		25	0	22.81	22.73	23.2	24.00
		25	13	22.92	22.87	23.3	24.00
		25	25	22.78	22.86	23.18	24.00
		50	0	22.83	22.86	23.26	24.00
	16QAM	1	0	22.93	23.24	23.31	24.00
		1	25	23.75	23.14	23.59	24.00
		1	49	22.77	23.73	23	24.00
		25	0	21.91	21.71	22.05	23.00
		25	13	21.91	21.58	22.09	23.00
		25	25	21.8	21.5	22.14	23.00
		50	0	21.71	21.56	22.08	23.00
	64QAM	1	0	22.58	21.93	22.15	23.00
		1	25	22.54	21.98	22.46	23.00
		1	49	22.06	22.07	22.16	23.00
		25	0	20.85	20.74	21.17	22.00
		25	13	21.26	20.87	21.19	22.00
		25	25	21.12	20.89	21.13	22.00
		50	0	20.94	20.78	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133297	/	
15MHz	QPSK	1	0	/	24	/	25.00
		1	38	/	23.69	/	25.00
		1	74	/	23.66	/	25.00
		36	0	/	22.73	/	24.00
		36	18	/	22.84	/	24.00
		36	39	/	22.83	/	24.00
		75	0	/	22.84	/	24.00
	16QAM	1	0	/	23.38	/	24.00
		1	38	/	23.45	/	24.00
		1	74	/	23.74	/	24.00
		36	0	/	21.55	/	23.00
		36	18	/	21.75	/	23.00
		36	39	/	21.79	/	23.00
		75	0	/	21.68	/	23.00
	64QAM	1	0	/	21.56	/	23.00
		1	38	/	21.86	/	23.00
		1	74	/	21.98	/	23.00
		36	0	/	20.46	/	22.00
		36	18	/	20.64	/	22.00
		36	39	/	20.98	/	22.00
		75	0	/	20.64	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	24.06	/	25.00
		1	50	/	23.89	/	25.00
		1	99	/	24.05	/	25.00
		50	0	/	23.12	/	24.00
		50	25	/	23.05	/	24.00
		50	50	/	22.95	/	24.00
		100	0	/	22.95	/	24.00

	16QAM	1	0	/	22.93	/	24.00
		1	50	/	23.22	/	24.00
		1	99	/	23.47	/	24.00
		50	0	/	21.48	/	23.00
		50	25	/	21.67	/	23.00
		50	50	/	21.93	/	23.00
		100	0	/	21.53	/	23.00
	64QAM	1	0	/	21.89	/	23.00
		1	50	/	22.10	/	23.00
		1	99	/	22.16	/	23.00
		50	0	/	20.74	/	22.00
		50	25	/	20.86	/	22.00
		50	50	/	21.20	/	22.00
		100	0	/	20.98	/	21.00

LTE Band 71 Ssensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	133147	133297	133447	22.00
		1	13	20.94	20.62	20.97	22.00
		1	24	20.88	20.96	20.94	22.00
		12	0	20.85	20.95	20.93	22.00
		12	6	20.66	20.54	20.91	22.00
		12	13	20.74	20.66	20.95	22.00
	16QAM	25	0	20.6	20.7	20.92	22.00
		1	0	20.65	20.67	20.87	22.00
		1	13	20.88	20.56	20.93	22.00
		1	24	20.82	20.91	20.94	22.00
		12	0	20.8	20.87	20.88	22.00
		12	6	20.55	20.47	20.87	22.00
	64QAM	12	13	20.67	20.6	20.92	22.00
		25	0	20.56	20.65	20.85	22.00
		1	0	20.58	20.61	20.86	22.00
		1	13	20.85	20.55	20.92	22.00
		1	24	20.87	20.94	20.89	22.00
		12	0	20.76	20.88	20.87	22.00
10MHz	QPSK	12	6	20.90	20.56	20.93	22.00
		12	13	20.87	20.58	20.94	22.00
		12	25	20.86	20.90	20.90	22.00
		25	0	20.77	20.88	20.90	21.00
	16QAM	1	0	20.85	20.55	20.92	22.00
		1	13	20.87	20.94	20.89	22.00
		1	24	20.76	20.88	20.87	22.00
		12	0	20.90	20.56	20.93	22.00
		12	6	20.87	20.58	20.94	22.00
		12	13	20.86	20.90	20.90	22.00
	64QAM	25	0	20.77	20.88	20.90	21.00
		1	0	20.93	20.62	20.98	22.00
		1	25	20.91	20.98	20.97	22.00
		1	49	20.83	20.93	20.94	22.00
		25	0	20.66	20.57	20.94	22.00
		25	13	20.75	20.68	20.97	22.00
15MHz	QPSK	25	25	20.59	20.69	20.92	22.00
		50	0	20.66	20.66	20.90	21.00
	16QAM	1	0	20.93	20.62	20.98	22.00
		1	25	20.91	20.98	20.97	22.00
		1	49	20.83	20.93	20.94	22.00
		25	0	20.66	20.57	20.94	22.00
	64QAM	25	13	20.75	20.68	20.97	22.00
		25	25	20.59	20.69	20.92	22.00
		50	0	20.66	20.66	20.90	21.00
	QPSK	1	0	20.93	20.62	20.98	22.00
		1	38	20.91	20.98	20.97	22.00
		1	74	20.83	20.93	20.94	22.00
		36	0	20.66	20.57	20.94	22.00
		36	18	20.75	20.68	20.97	22.00
		36	36	20.59	20.69	20.92	22.00

		36	39	/	20.79	/	22.00
		75	0	/	20.79	/	22.00
	16QAM	1	0	/	20.94	/	22.00
		1	38	/	20.73	/	22.00
		1	74	/	20.91	/	22.00
		36	0	/	20.86	/	22.00
		36	18	/	20.77	/	22.00
		36	39	/	20.76	/	22.00
		75	0	/	20.71	/	22.00
	64QAM	1	0	/	20.90	/	22.00
		1	38	/	20.75	/	22.00
		1	74	/	20.92	/	22.00
		36	0	/	20.46	/	22.00
		36	18	/	20.64	/	22.00
		36	39	/	20.98	/	22.00
		75	0	/	20.64	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	21.05	/	22.00
		1	50	/	20.85	/	22.00
		1	99	/	21.01	/	22.00
		50	0	/	21	/	22.00
		50	25	/	20.91	/	22.00
		50	50	/	20.83	/	22.00
		100	0	/	20.82	/	22.00
	16QAM	1	0	/	20.98	/	22.00
		1	50	/	20.8	/	22.00
		1	99	/	20.95	/	22.00
		50	0	/	20.92	/	22.00
		50	25	/	20.85	/	22.00
		50	50	/	20.79	/	22.00
		100	0	/	20.77	/	22.00
	64QAM	1	0	/	20.97	/	22.00
		1	50	/	20.80	/	22.00
		1	99	/	20.95	/	22.00
		50	0	/	20.74	/	22.00
		50	25	/	20.86	/	22.00
		50	50	/	21.20	/	22.00
		100	0	/	20.98	/	21.00

2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant1 sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.50	21.00
	6	2437		20.16	21.00
	11	2462		19.74	21.00
802.11g	1	2412	6	12.78	14.00
	6	2437		19.33	20.00
	11	2462		13.21	15.00
802.11n HT20	1	2412	6.5	13.87	15.00
	6	2437		19.03	20.00
	11	2462		13.91	15.00
802.11ax HE20	1	2412	MCS0	13.89	15.00
	6	2437		19.26	20.00
	11	2462		13.10	14.00

WIFI 2.4G Ant1 sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.45	17.00
	6	2437		16.15	17.00
	11	2462		15.71	17.00
802.11g	1	2412	6	12.78	14.00
	6	2437		16.33	17.00
	11	2462		13.21	15.00
802.11n HT20	1	2412	6.5	13.87	15.00
	6	2437		16.03	17.00
	11	2462		13.91	15.00
802.11ax HE20	1	2412	MCS0	13.89	15.00
	6	2437		16.26	17.00
	11	2462		13.10	14.00

WIFI 2.4G Ant2 sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.75	21.00
	6	2437		20.17	21.00
	11	2462		20.13	21.00
802.11g	1	2412	6	13.15	14.00
	6	2437		19.61	20.00
	11	2462		14.08	15.00
802.11n HT20	1	2412	6.5	14.83	15.00
	6	2437		19.46	20.00
	11	2462		14.87	15.00
802.11ax HE20	1	2412	MCS0	14.72	15.00
	6	2437		19.66	20.00
	11	2462		13.77	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	15.70	17.00
	6	2437		16.13	17.00
	11	2462		16.08	17.00
802.11g	1	2412	6	13.15	14.00
	6	2437		16.61	17.00
	11	2462		14.08	15.00
802.11n HT20	1	2412	6.5	14.83	15.00
	6	2437		16.46	17.00
	11	2462		14.87	15.00
802.11ax HE20	1	2412	MCS0	14.72	15.00
	6	2437		16.66	17.00
	11	2462		13.77	14.00

WIFI 2.4G MIMO sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.64	24.00
	6	2437		23.18	24.00
	11	2462		22.95	24.00
802.11g	1	2412	6	15.98	17.00
	6	2437		22.48	23.00
	11	2462		16.68	18.00
802.11n HT20	1	2412	6.5	17.39	18.00
	6	2437		22.26	23.00
	11	2462		17.43	18.00
802.11ax HE20	1	2412	MCS0	17.34	18.00
	6	2437		22.47	23.00
	11	2462		16.46	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	18.59	20.00
	6	2437		19.15	20.00
	11	2462		18.91	20.00
802.11g	1	2412	6	15.98	17.00
	6	2437		19.48	20.00
	11	2462		16.68	18.00
802.11n HT20	1	2412	6.5	17.39	18.00
	6	2437		19.26	20.00
	11	2462		17.43	18.00
802.11ax HE20	1	2412	MCS0	17.34	18.00
	6	2437		19.47	20.00
	11	2462		16.46	17.00

2.2 Conducted Power of 5G WIFI

WIFI 5G Ant 1 Sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.92	11.00
		40	5200	10.00	11.00
		48	5240	10.43	11.00
	802.11n HT20	36	5180	10.36	11.00
		40	5200	9.65	11.00
		44	5220	10.20	11.00
	802.11n HT40	38	5190	10.45	11.00
		46	5230	13.14	14.00
	802.11ac VHT20	36	5180	10.31	11.00
		40	5200	10.35	11.00
		48	5240	10.73	12.00
	802.11ac VHT40	38	5190	10.64	11.00
		46	5230	12.89	14.00
	802.11ac VHT80	42	5210	8.42	9.00
	802.11ax HE20	36	5180	11.01	12.00
		40	5200	11.98	13.00
		48	5240	11.45	12.00
	802.11ax HE40	38	5190	10.42	11.00
		46	5230	15.39	16.00
	802.11ax HE80	42	5210	8.03	9.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	14.36	15.00
		60	5300	14.98	15.00
		64	5320	14.50	15.00
	802.11n HT20	52	5260	15.37	16.00
		60	5300	15.76	16.00
		64	5320	13.64	14.00
	802.11n HT40	54	5270	15.18	16.00
		62	5310	10.80	12.00
	802.11ac VHT20	52	5260	15.56	16.00
		60	5300	15.64	16.00
		64	5320	13.61	15.00
	802.11ac VHT40	54	5270	14.87	16.00
		62	5310	10.98	12.00
	802.11ac VHT80	58	5290	10.25	11.00
	802.11ax HE20	52	5260	14.45	15.00
		56	5280	14.70	15.00
		60	5300	13.11	14.00
	802.11ax HE40	54	5270	15.19	16.00
		62	5310	11.48	13.00
	802.11ax HE80	58	5290	11.00	12.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	12.55	14.00
		116	5580	14.18	15.00
		140	5700	11.99	13.00
	802.11n HT20	100	5500	11.23	12.00
		116	5580	15.01	16.50
		140	5700	15.27	16.50
	802.11n HT40	102	5510	9.90	11.00
		110	5550	14.70	16.00
		134	5670	11.38	12.00
	802.11ac VHT20	100	5500	11.19	12.00
		116	5580	14.87	15.00
		140	5700	15.05	16.00
	802.11ac VHT40	102	5510	9.99	11.00
		110	5550	14.11	16.00
		134	5670	11.50	12.00
	802.11ac VHT80	106	5530	9.02	10.00
		122	5610	12.24	13.00

	802.11ax HE20	138	5690	13.85	14.00
		100	5500	11.70	12.00
		116	5580	14.31	15.00
		140	5700	9.98	11.00
	802.11ax HE40	102	5510	9.54	11.00
		110	5550	14.56	16.00
		134	5670	12.62	13.00
	802.11ax HE80	106	5530	9.09	10.00
		122	5610	14.32	15.00
138		5690	14.44	15.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.60	16.00
		157	5785	14.45	15.00
		165	5825	14.46	15.00
	802.11n HT20	149	5745	15.47	16.50
		157	5785	15.37	16.50
		165	5825	15.50	16.50
	802.11n HT40	151	5755	15.02	16.00
		159	5795	15.27	16.00
	802.11ac VHT20	149	5745	14.90	15.00
		157	5785	14.69	15.00
		165	5825	14.93	15.00
	802.11ac VHT40	151	5755	14.72	15.00
		159	5795	14.86	15.00
	802.11ac VHT80	155	5775	13.77	14.00
	802.11ax HE20	149	5745	14.57	15.00
		157	5785	14.46	15.00
		165	5825	14.56	15.00
	802.11ax HE40	151	5755	15.13	16.00
		159	5795	15.07	16.00
	802.11ax HE80	155	5775	13.98	14.00

WIFI 5G Ant 1 Sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	6.39	7.50
		40	5200	6.49	7.50
		48	5240	6.92	7.50
	802.11n HT20	36	5180	6.84	7.50
		40	5200	6.13	7.50
		44	5220	6.65	7.50
	802.11n HT40	38	5190	6.91	7.50
		46	5230	6.63	7.50
	802.11ac VHT20	36	5180	6.76	7.50
		40	5200	6.83	7.50
		48	5240	6.20	7.50
	802.11ac VHT40	38	5190	7.11	7.50
		46	5230	6.36	7.50
	802.11ac VHT80	42	5210	6.92	7.50
	802.11ax HE20	36	5180	6.46	7.50
		40	5200	6.48	7.50
		48	5240	6.94	7.50
	802.11ax HE40	38	5190	6.92	7.50
		46	5230	6.86	7.50
	802.11ax HE80	42	5210	6.51	7.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	6.84	7.50
		60	5300	7.48	7.50
		64	5320	6.97	7.50
	802.11n HT20	52	5260	6.83	7.50
		60	5300	7.23	7.50
		64	5320	7.13	7.50
	802.11n HT40	54	5270	6.64	7.50
		62	5310	6.26	7.50

	802.11ac VHT20	52	5260	6.04	7.50
		60	5300	6.10	7.50
		64	5320	6.09	7.50
	802.11ac VHT40	54	5270	6.33	7.50
		62	5310	6.46	7.50
	802.11ac VHT80	58	5290	6.72	7.50
	802.11ax HE20	52	5260	6.93	7.50
		56	5280	7.18	7.50
		60	5300	6.58	7.50
	802.11ax HE40	54	5270	6.69	7.50
		62	5310	5.94	7.50
	802.11ax HE80	58	5290	6.47	7.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	6.53	8.00
		116	5580	7.13	8.00
		140	5700	6.99	8.00
	802.11n HT20	100	5500	7.18	8.00
		116	5580	6.50	8.00
		140	5700	6.75	8.00
	802.11n HT40	102	5510	6.88	8.00
		110	5550	6.69	8.00
		134	5670	7.38	8.00
	802.11ac VHT20	100	5500	7.16	8.00
		116	5580	7.85	8.00
		140	5700	7.05	8.00
	802.11ac VHT40	102	5510	6.94	8.00
		110	5550	6.07	8.00
		134	5670	7.45	8.00
	802.11ac VHT80	106	5530	6.99	8.00
		122	5610	7.22	8.00
		138	5690	7.84	8.00
	802.11ax HE20	100	5500	7.66	8.00
		116	5580	7.29	8.00
		140	5700	6.95	8.00
	802.11ax HE40	102	5510	6.49	8.00
		110	5550	6.54	8.00
		134	5670	7.58	8.00
	802.11ax HE80	106	5530	7.05	8.00
		122	5610	7.28	8.00
		138	5690	7.44	8.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.13	7.50
		157	5785	6.91	7.50
		165	5825	6.92	7.50
	802.11n HT20	149	5745	6.44	7.50
		157	5785	6.34	7.50
		165	5825	6.49	7.50
	802.11n HT40	151	5755	6.49	7.50
		159	5795	6.73	7.50
	802.11ac VHT20	149	5745	7.39	7.50
		157	5785	7.17	7.50
		165	5825	7.48	7.50
	802.11ac VHT40	151	5755	7.22	7.50
		159	5795	7.33	7.50
	802.11ac VHT80	155	5775	7.26	7.50
	802.11ax HE20	149	5745	7.05	7.50
		157	5785	6.93	7.50
		165	5825	7.05	7.50
	802.11ax HE40	151	5755	6.59	7.50
		159	5795	6.53	7.50
	802.11ax HE80	155	5775	7.46	7.50

WIFI 5G Ant 2 Sensor off						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	11.12	12.00	
		40	5200	11.20	12.00	
		48	5240	11.66	12.00	
	802.11n HT20	36	5180	11.27	12.00	
		40	5200	11.06	12.00	
		48	5240	11.56	12.00	
	802.11n HT40	38	5190	10.69	11.00	
		46	5230	13.41	14.00	
	802.11ac VHT20	36	5180	11.22	12.00	
		40	5200	11.62	12.00	
		48	5240	12.06	13.00	
	802.11ac VHT40	38	5190	10.87	11.00	
		46	5230	13.42	14.00	
	802.11ac VHT80	42	5210	9.54	10.00	
		802.11ax HE20	36	5180	12.02	13.00
	40		5200	13.07	14.00	
	48		5240	12.71	13.00	
	802.11ax HE40	38	5190	10.76	11.00	
		46	5230	15.30	16.00	
	802.11ax HE80	42	5210	9.07	10.00	
		5GHz		Channel	Frequency(MHz)	Average Power (dBm)
	5GHz U-NII-2A	802.11a	52	5260	14.96	16.00
60			5300	15.51	16.00	
64			5320	15.63	16.00	
802.11n HT20		52	5260	15.39	17.00	
		60	5300	16.13	17.00	
		64	5320	14.69	15.00	
802.11n HT40		54	5270	15.66	16.00	
		62	5310	12.04	13.00	
802.11ac VHT20		52	5260	15.55	17.00	
		60	5300	16.12	17.00	
		64	5320	14.71	15.00	
802.11ac VHT40		54	5270	15.43	16.00	
		62	5310	12.25	13.00	
802.11ac VHT80		58	5290	11.57	12.00	
		802.11ax HE20	52	5260	14.48	15.00
60			5300	15.19	16.00	
64			5320	14.19	15.00	
802.11ax HE40		54	5270	15.58	16.00	
		62	5310	12.75	13.00	
802.11ax HE80		58	5290	12.24	13.00	
		5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C		802.11a	100	5500	15.19	16.00
	116		5580	15.85	17.00	
	140		5700	13.68	15.00	
	802.11n HT20	100	5500	14.02	15.00	
		116	5580	16.69	17.50	
		140	5700	16.60	17.50	
	802.11n HT40	102	5510	12.56	13.00	
		110	5550	16.11	17.00	
		134	5670	13.67	14.00	
	802.11ac VHT20	100	5500	14.13	15.00	
		116	5580	16.48	17.00	
		140	5700	16.19	17.00	
	802.11ac VHT40	102	5510	12.81	13.00	
		110	5550	15.55	17.00	
		134	5670	13.76	14.00	
	802.11ac VHT80	106	5530	11.42	12.00	
		122	5610	14.22	15.00	
		138	5690	14.72	15.00	
	802.11ax HE20	100	5500	14.44	15.00	
		116	5580	15.71	16.00	

	802.11ax HE40	140	5700	11.18	12.00
		102	5510	11.49	13.00
		110	5550	16.05	17.00
		134	5670	14.96	15.00
	802.11ax HE80	106	5530	10.77	11.00
		122	5610	15.59	16.00
		138	5690	15.44	16.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.89	16.00
		157	5785	14.40	15.00
		165	5825	14.30	15.00
	802.11n HT20	149	5745	15.42	16.50
		157	5785	15.14	16.50
		165	5825	15.15	16.50
	802.11n HT40	151	5755	14.72	16.00
		159	5795	14.77	16.00
	802.11ac VHT20	149	5745	14.83	16.00
		157	5785	14.58	16.00
		165	5825	14.59	16.00
	802.11ac VHT40	151	5755	14.18	15.00
		159	5795	14.28	15.00
	802.11ac VHT80	155	5775	14.23	15.00
	802.11ax HE20	149	5745	14.38	15.00
		157	5785	14.20	15.00
		165	5825	14.12	15.00
	802.11ax HE40	151	5755	14.82	16.00
		159	5795	14.59	16.00
	802.11ax HE80	155	5775	14.50	15.00

WIFI 5G Ant 2 Sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	6.58	7.50
		40	5200	6.69	7.50
		48	5240	7.14	7.50
	802.11n HT20	36	5180	6.77	7.50
		40	5200	6.55	7.50
		48	5240	7.02	7.50
	802.11n HT40	38	5190	7.18	7.50
		46	5230	6.86	7.50
	802.11ac VHT20	36	5180	6.72	7.50
		40	5200	7.12	7.50
		48	5240	6.55	7.50
	802.11ac VHT40	38	5190	7.18	7.50
		46	5230	6.90	7.50
	802.11ac VHT80	42	5210	7.03	7.50
	802.11ax HE20	36	5180	6.48	7.50
		40	5200	6.52	7.50
		48	5240	7.16	7.50
	802.11ax HE40	38	5190	7.13	7.50
		46	5230	6.75	7.50
	802.11ax HE80	42	5210	6.55	7.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	7.46	8.50
		60	5300	8.01	8.50
		64	5320	8.11	8.50
	802.11n HT20	52	5260	6.84	8.50
		60	5300	7.60	8.50
		64	5320	8.21	8.50
	802.11n HT40	54	5270	8.13	8.50
		62	5310	7.52	8.50
	802.11ac VHT20	52	5260	7.02	8.50
		60	5300	7.58	8.50
		64	5320	8.16	8.50

	802.11ac VHT40	54	5270	7.90	8.50
		62	5310	7.71	8.50
	802.11ac VHT80	58	5290	8.06	8.50
		802.11ax HE20	52	5260	7.97
	60		5300	7.68	8.50
	64		5320	7.66	8.50
	802.11ax HE40	54	5270	8.04	8.50
		62	5310	8.18	8.50
	802.11ax HE80	58	5290	7.73	8.50
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	8.19	9.00
		116	5580	7.80	9.00
		140	5700	7.64	9.00
	802.11n HT20	100	5500	7.97	9.00
		116	5580	8.18	9.00
		140	5700	8.08	9.00
	802.11n HT40	102	5510	8.52	9.00
		110	5550	8.06	9.00
		134	5670	8.66	9.00
	802.11ac VHT20	100	5500	8.12	9.00
		116	5580	8.48	9.00
		140	5700	8.16	9.00
	802.11ac VHT40	102	5510	8.77	9.00
		110	5550	7.55	9.00
		134	5670	8.72	9.00
	802.11ac VHT80	106	5530	8.40	9.00
		122	5610	8.21	9.00
		138	5690	8.70	9.00
	802.11ax HE20	100	5500	8.41	9.00
		116	5580	8.68	9.00
		140	5700	8.14	9.00
	802.11ax HE40	102	5510	7.49	9.00
		110	5550	8.04	9.00
		134	5670	8.92	9.00
	802.11ax HE80	106	5530	8.75	9.00
		122	5610	8.57	9.00
		138	5690	8.43	9.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	7.35	7.50
		157	5785	6.87	7.50
		165	5825	6.77	7.50
	802.11n HT20	149	5745	6.41	7.50
		157	5785	6.11	7.50
		165	5825	6.11	7.50
	802.11n HT40	151	5755	6.21	7.50
		159	5795	6.25	7.50
	802.11ac VHT20	149	5745	6.30	7.50
		157	5785	6.06	7.50
		165	5825	6.08	7.50
	802.11ac VHT40	151	5755	6.67	7.50
		159	5795	6.78	7.50
	802.11ac VHT80	155	5775	6.69	7.50
	802.11ax HE20	149	5745	6.85	7.50
		157	5785	6.66	7.50
		165	5825	6.61	7.50
	802.11ax HE40	151	5755	6.31	7.50
		159	5795	6.04	7.50
	802.11ax HE80	155	5775	6.98	7.50

WIFI 5G MIMO Sensor off						
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	5180	13.57	14.50	
		40	5200	13.65	14.50	
		48	5240	14.10	14.50	
	802.11n HT20	36	5180	13.85	14.50	
		40	5200	13.42	14.50	
		44	5220	13.94	14.50	
	802.11n HT40	38	5190	13.58	14.00	
		46	5230	16.29	17.00	
	802.11ac VHT20	36	5180	13.80	14.50	
		40	5200	14.04	14.50	
		48	5240	14.46	15.50	
	802.11ac VHT40	38	5190	13.77	14.00	
		46	5230	16.17	17.00	
	802.11ac VHT80	42	5210	12.03	12.50	
	802.11ax HE20	36	5180	14.55	15.50	
		40	5200	15.57	16.50	
		48	5240	15.14	15.50	
	802.11ax HE40	38	5190	13.60	14.00	
		46	5230	18.36	19.00	
	802.11ax HE80	42	5210	11.59	12.50	
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
	5GHz U-NII-2A	802.11a	52	5260	17.68	18.50
60			5300	18.26	18.50	
64			5320	18.11	18.50	
802.11n HT20		52	5260	18.39	19.50	
		60	5300	18.96	19.50	
		64	5320	17.21	17.50	
802.11n HT40		54	5270	18.44	19.00	
		62	5310	14.47	15.50	
802.11ac VHT20		52	5260	18.57	19.50	
		60	5300	18.90	19.50	
		64	5320	17.21	18.00	
802.11ac VHT40		54	5270	18.17	19.00	
		62	5310	14.67	15.50	
802.11ac VHT80		58	5290	13.97	14.50	
802.11ax HE20		52	5260	17.48	18.00	
		56	5280	17.96	18.50	
		60	5300	17.28	17.50	
802.11ax HE40		54	5270	18.40	19.00	
		62	5310	15.17	16.00	
802.11ax HE80		58	5290	14.67	15.50	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz UNII-2C	802.11a	100	5500	17.08	18.00	
		116	5580	18.11	19.00	
		140	5700	15.93	17.00	
	802.11n HT20	100	5500	15.86	16.80	
		116	5580	18.94	20.00	
		140	5700	19.00	20.00	
	802.11n HT40	102	5510	14.44	15.00	
		110	5550	18.47	19.00	
		134	5670	15.68	16.00	
	802.11ac VHT20	100	5500	15.91	16.80	
		116	5580	18.76	19.00	
		140	5700	18.67	19.50	
	802.11ac VHT40	102	5510	14.64	15.00	
		110	5550	17.90	19.00	
		134	5670	15.79	16.00	
	802.11ac VHT80	106	5530	13.39	14.00	
		122	5610	16.35	17.00	
		138	5690	17.32	17.50	
	802.11ax HE20	100	5500	16.29	16.50	
		116	5580	18.08	18.50	

	802.11ax HE40	140	5700	13.63	14.50
		102	5510	13.63	15.00
		110	5550	18.38	19.00
		134	5670	16.96	17.00
	802.11ax HE80	106	5530	13.02	13.50
		122	5610	18.01	18.50
		138	5690	17.98	18.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	18.76	19.00
		157	5785	17.44	18.00
		165	5825	17.39	18.00
	802.11n HT20	149	5745	18.46	19.50
		157	5785	18.27	19.50
		165	5825	18.34	19.50
	802.11n HT40	151	5755	17.88	19.00
		159	5795	18.04	19.00
	802.11ac VHT20	149	5745	17.88	18.50
		157	5785	17.65	18.50
		165	5825	17.77	18.50
	802.11ac VHT40	151	5755	17.47	18.00
		159	5795	17.59	18.00
	802.11ac VHT80	155	5775	17.02	17.50
	802.11ax HE20	149	5745	17.49	18.00
		157	5785	17.34	18.00
		165	5825	17.36	18.00
	802.11ax HE40	151	5755	17.99	19.00
		159	5795	17.85	19.00
	802.11ax HE80	155	5775	17.26	17.50

WIFI 5G MIMO Sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.50	10.50
		40	5200	9.60	10.50
		48	5240	10.04	10.50
	802.11n HT20	36	5180	9.82	10.50
		40	5200	9.36	10.50
		44	5220	9.85	10.50
	802.11n HT40	38	5190	10.06	10.50
		46	5230	9.76	10.50
	802.11ac VHT20	36	5180	9.75	10.50
		40	5200	9.99	10.50
		48	5240	9.39	10.50
	802.11ac VHT40	38	5190	10.16	10.50
		46	5230	9.65	10.50
	802.11ac VHT80	42	5210	9.99	10.50
		802.11ax HE20	36	5180	9.48
	40		5200	9.51	10.50
	48		5240	10.06	10.50
	802.11ax HE40	38	5190	10.04	10.50
		46	5230	9.82	10.50
	802.11ax HE80	42	5210	9.54	10.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	10.17	11.00
		60	5300	10.76	11.00
		64	5320	10.59	11.00
	802.11n HT20	52	5260	9.85	11.00
		60	5300	10.43	11.00
		64	5320	10.71	11.00
	802.11n HT40	54	5270	10.46	11.00
		62	5310	9.95	11.00
	802.11ac VHT20	52	5260	9.57	11.00
		60	5300	9.91	11.00
		64	5320	10.26	11.00

	802.11ac VHT40	54	5270	10.20	11.00
		62	5310	10.14	11.00
	802.11ac VHT80	58	5290	10.45	11.00
	802.11ax HE20	52	5260	10.49	11.00
		56	5280	10.45	11.00
		60	5300	10.18	11.00
	802.11ax HE40	54	5270	10.43	11.00
		62	5310	10.21	11.00
	802.11ax HE80	58	5290	10.16	11.00
	5GHz		Channel	Frequency(MHz)	Average Power (dBm)
5GHz UNII-2C	802.11a	100	5500	10.45	11.50
		116	5580	10.49	11.50
		140	5700	10.34	11.50
	802.11n HT20	100	5500	10.60	11.50
		116	5580	10.43	11.50
		140	5700	10.48	11.50
	802.11n HT40	102	5510	10.79	11.50
		110	5550	10.44	11.50
		134	5670	11.08	11.50
	802.11ac VHT20	100	5500	10.68	11.50
		116	5580	11.19	11.50
		140	5700	10.65	11.50
	802.11ac VHT40	102	5510	10.96	11.50
		110	5550	9.88	11.50
		134	5670	11.14	11.50
	802.11ac VHT80	106	5530	10.76	11.50
		122	5610	10.75	11.50
		138	5690	11.30	11.50
	802.11ax HE20	100	5500	11.06	11.50
		116	5580	11.05	11.50
		140	5700	10.60	11.50
	802.11ax HE40	102	5510	10.03	11.50
		110	5550	10.36	11.50
		134	5670	11.31	11.50
	802.11ax HE80	106	5530	10.99	11.50
		122	5610	10.98	11.50
		138	5690	10.97	11.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	10.25	10.50
		157	5785	9.90	10.50
		165	5825	9.86	10.50
	802.11n HT20	149	5745	9.44	10.50
		157	5785	9.24	10.50
		165	5825	9.31	10.50
	802.11n HT40	151	5755	9.36	10.50
		159	5795	9.51	10.50
	802.11ac VHT20	149	5745	9.89	10.50
		157	5785	9.66	10.50
		165	5825	9.85	10.50
	802.11ac VHT40	151	5755	9.96	10.50
		159	5795	10.07	10.50
	802.11ac VHT80	155	5775	9.99	10.50
	802.11ax HE20	149	5745	9.96	10.50
		157	5785	9.81	10.50
		165	5825	9.85	10.50
	802.11ax HE40	151	5755	9.46	10.50
		159	5795	9.30	10.50
	802.11ax HE80	155	5775	10.24	10.50

2.3 Conducted Power of 6E WIFI

WIFI 6E Ant1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U-NII-5 6.2GHz	802.11ax HEW20	1	5955	MCS0	2.83	3.5
		45	6175		2.90	3.5
		93	6415		2.49	3.5
	802.11ax HEW40	3	5965	MCS0	6.05	7
		43	6165		6.67	7
		91	6405		5.09	7
	802.11ax HEW80	7	5985	MCS0	7.59	8.5
		39	6145		8.44	8.5
		87	6385		6.86	8.5
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	2.60	4
		105	6475		2.48	4
		113	6515		2.94	4
	802.11ax HEW40	99	6445	MCS0	5.77	7
		107	6485		5.85	7
	802.11ax HEW80	103	6465	MCS0	6.93	8
119		6545	6.69		8	
U-NII-7 6.7GHz	802.11ax HEW20	117	6535	MCS0	1.33	2
		149	6695		0.91	2
		181	6855		2.38	3
	802.11ax HEW40	115	6525	MCS0	3.41	5
		147	6685		3.93	5
		179	6845		5.16	6
	802.11ax HEW80	135	6625	MCS0	6.85	7
		151	6705		6.04	7
		167	6785		6.67	7
U-NII-8 7.0GHz	802.11ax HEW20	189	6895	MCS0	1.95	3
		209	6995		2.08	3
		229	7095		2.93	3
	802.11ax HEW40	187	6885	MCS0	5.98	7
		227	7085		5.83	7
	802.11ax HEW80	183	6865	MCS0	7.02	8
		199	6945		7.84	8
		215	7025		8.08	9

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	2.96	3.5
		45	6175		2.50	3.5
		93	6415		3.11	3.5
	802.11ax HEW40	3	5965	MCS0	5.55	7
		43	6165		6.21	7
		91	6405		6.50	7
	802.11ax HEW80	7	5985	MCS0	7.42	8.5
		39	6145		7.49	8.5
		87	6385		8.29	8.5
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	4.96	6
		105	6475		5.03	6
		113	6515		5.18	6
	802.11ax HEW40	99	6445	MCS0	7.60	9
		107	6485		7.77	9
	802.11ax HEW80	103	6465	MCS0	9.58	10
119		6545	8.95		10	
U-NII-7 6.7GHz	802.11ax HEW20	117	6535	MCS0	3.11	4
		149	6695		3.39	4
		181	6855		3.11	5
	802.11ax HEW40	115	6525	MCS0	6.93	7
		147	6685		6.18	7
		179	6845		6.38	8
	802.11ax HEW80	135	6625	MCS0	8.86	9
		151	6705		8.68	9
		167	6785		8.68	9
U-NII-8 7.0GHz	802.11ax HEW20	189	6895	MCS0	1.96	3
		209	6995		1.64	3

		209	6995		2.20	3
	802.11ax	187	6885	MCS0	6.12	7
	HEW40	227	7085		5.70	7
	802.11ax	183	6865	MCS0	9.13	10
	HEW80	199	6945		7.33	8
		215	7025		7.46	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	5.91	6.50
		45	6175		5.71	6.50
		93	6415		5.82	6.50
	802.11ax HEW40	3	5965	MCS0	8.82	10.00
		43	6165		9.46	10.00
		91	6405		8.86	10.00
	802.11ax HEW80	7	5985	MCS0	10.52	11.50
		39	6145		11.00	11.50
		87	6385		10.64	11.50
U-NII-6 6.5GHz	802.11ax HEW20	97	6435	MCS0	6.95	8.10
		105	6475		6.95	8.10
		113	6515		7.21	8.10
	802.11ax HEW40	99	6445	MCS0	9.79	11.10
		107	6485		9.93	11.10
		103	6465	MCS0	11.46	12.10
	802.11ax HEW80	119	6545		10.98	12.10
U-NII-7 6.7GHz	802.11ax HEW20	117	6535	MCS0	5.32	6.10
		149	6695		5.33	6.10
		181	6855		5.77	7.10
	802.11ax HEW40	115	6525	MCS0	8.53	9.10
		147	6685		8.21	9.10
		179	6845		8.82	10.10
	802.11ax HEW80	135	6625	MCS0	10.98	11.10
		151	6705		10.57	11.10
		167	6785		10.80	11.10
U-NII-8 7.0GHz	802.11ax HEW20	185	6875	MCS0	4.97	6.00
		209	6995		4.88	6.00
		233	7115		5.59	6.00
	802.11ax HEW40	187	6885	MCS0	9.06	10.00
		227	7085		8.78	10.00
		183	6865	MCS0	11.21	12.10
	802.11ax HEW80	199	6945		10.60	11.00
		215	7025		10.79	12.00

2.4 Conducted Power of Bluetooth

BT Ant1		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	6.25	6.38	5.46	7.00
	$\pi/4$ DQPSK	6.12	6.25	6.31	7.00
	8DPSK	6.26	6.33	6.08	7.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.15	6.87	6.02	7.00
BLE 2M	GFSK	5.48	5.67	5.15	6.00

- End of the Appendix -