



Report No.: SUCR260500047608
Page: 1 of 37

Appendix E

Conducted RF Output Power

1 Conducted Power of Legacy

1.1 Conducted Power of Legacy

GSM 850 sensor off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GPRS (GMSK)	1 TX Slot	33.43	33.50	33.36	34.00	-9.19	24.24	24.31	24.17	24.81
	2 TX Slots	32.61	32.75	32.53	33.00	-6.18	26.43	26.57	26.35	26.82
	3 TX Slots	30.54	30.73	30.41	31.00	-4.42	26.12	26.31	25.99	26.58
	4 TX Slots	29.36	29.44	29.20	30.00	-3.17	26.19	26.27	26.03	26.83
EGPRS (GMSK)	1 TX Slot	33.42	33.44	33.27	34.00	-9.19	24.23	24.25	24.08	24.81
	2 TX Slots	32.60	32.66	32.54	33.00	-6.18	26.42	26.48	26.36	26.82
	3 TX Slots	30.41	30.57	30.37	31.00	-4.42	25.99	26.15	25.95	26.58
	4 TX Slots	29.25	29.37	29.20	30.00	-3.17	26.08	26.20	26.03	26.83
EGPRS (8PSK)	1 TX Slot	27.35	27.48	27.12	28.00	-9.19	18.16	18.29	17.93	18.81
	2 TX Slots	26.72	26.47	26.61	27.00	-6.18	20.54	20.29	20.43	20.82
	3 TX Slots	24.74	24.55	24.40	25.00	-4.42	20.32	20.13	19.98	20.58
	4 TX Slots	23.55	23.57	23.38	24.00	-3.17	20.38	20.40	20.21	20.83

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	30.19	30.37	30.27	31.00	-9.19	21.00	21.18	21.08	21.81
	2 TX Slots	29.09	29.30	29.19	30.00	-6.18	22.91	23.12	23.01	23.82
	3 TX Slots	27.07	27.21	27.22	28.00	-4.42	22.65	22.79	22.80	23.58
	4 TX Slots	26.02	26.16	25.98	27.00	-3.17	22.85	22.99	22.81	23.83
EGPRS (GMSK)	1 TX Slot	30.18	30.43	30.39	31.00	-9.19	20.99	21.24	21.20	21.81
	2 TX Slots	29.21	29.31	29.05	30.00	-6.18	23.03	23.13	22.87	23.82
	3 TX Slots	27.20	27.16	27.08	28.00	-4.42	22.78	22.74	22.66	23.58
	4 TX Slots	26.04	26.12	25.95	27.00	-3.17	22.87	22.95	22.78	23.83
EGPRS (8PSK)	1 TX Slot	26.06	26.13	26.37	27.00	-9.19	16.87	16.94	17.18	17.81
	2 TX Slots	25.42	25.65	25.55	26.00	-6.18	19.24	19.47	19.37	19.82
	3 TX Slots	23.49	23.94	23.71	24.00	-4.42	19.07	19.52	19.29	19.58
	4 TX Slots	22.45	22.55	22.52	23.00	-3.17	19.28	19.38	19.35	19.83

GSM 1900 sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GPRS (GMSK)	1 TX Slot	23.15	23.40	23.25	24.00	-9.19	13.96	14.21	14.06	14.81
	2 TX Slots	22.12	22.27	22.18	23.00	-6.18	15.94	16.09	16.00	16.82
	3 TX Slots	20.07	20.22	20.20	21.00	-4.42	15.65	15.80	15.78	16.58
	4 TX Slots	19.02	19.12	18.96	20.00	-3.17	15.85	15.95	15.79	16.83
EGPRS (GMSK)	1 TX Slot	23.22	23.38	23.40	24.00	-9.19	14.03	14.19	14.21	14.81
	2 TX Slots	22.24	22.29	22.06	23.00	-6.18	16.06	16.11	15.88	16.82
	3 TX Slots	20.15	20.12	20.08	21.00	-4.42	15.73	15.70	15.66	16.58
	4 TX Slots	19.03	19.15	18.91	20.00	-3.17	15.86	15.98	15.74	16.83
EGPRS (8PSK)	1 TX Slot	19.08	19.14	19.39	20.00	-9.19	9.89	9.95	10.20	10.81
	2 TX Slots	18.44	18.67	18.52	19.00	-6.18	12.26	12.49	12.34	12.82
	3 TX Slots	16.46	16.97	16.70	17.00	-4.42	12.04	12.55	12.28	12.58
	4 TX Slots	15.49	15.53	15.50	16.00	-3.17	12.32	12.36	12.33	12.83

WCDMA Band II sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.74	23.91	23.86	24.00
HSDPA	Subtest 1	22.12	22.11	22.22	23.00
	Subtest 2	22.03	22.14	22.27	23.00
	Subtest 3	22.14	22.13	22.15	23.00
	Subtest 4	22.15	22.11	22.19	23.00
HSUPA	Subtest 1	20.80	20.61	20.90	21.00
	Subtest 2	20.84	20.44	20.81	21.00
	Subtest 3	20.69	20.48	20.95	21.00
	Subtest 4	20.81	20.54	20.75	21.00
	Subtest 5	20.71	20.43	20.89	21.00
DC-HSDPA	Subtest 1	21.99	21.95	22.10	23.00
	Subtest 2	21.83	21.88	22.14	23.00
	Subtest 3	21.92	21.91	21.79	23.00
	Subtest 4	21.94	21.80	22.03	23.00
HSPA+	16QAM	19.75	19.96	20.05	21.00

WCDMA Band II sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.2	16.37	16.31	16.50
HSDPA	Subtest 1	14.58	14.63	14.74	15.50
	Subtest 2	14.53	14.62	14.75	15.50
	Subtest 3	14.64	14.59	14.68	15.50
	Subtest 4	14.66	14.61	14.71	15.50
HSUPA	Subtest 1	13.31	13.07	13.39	13.50
	Subtest 2	13.31	12.98	13.34	13.50
	Subtest 3	13.22	12.96	13.41	13.50
	Subtest 4	13.32	13.07	13.24	13.50
	Subtest 5	13.22	12.92	13.38	13.50
DC-HSDPA	Subtest 1	14.50	14.45	14.63	15.50
	Subtest 2	14.33	14.37	14.67	15.50
	Subtest 3	14.37	14.36	14.33	15.50
	Subtest 4	14.44	14.28	14.54	15.50
HSPA+	16QAM	12.25	12.48	12.50	13.50

WCDMA Band IV sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.59	23.83	23.71	24.00
HSDPA	Subtest 1	22.01	22.04	22.10	23.00
	Subtest 2	21.93	22.08	22.08	23.00
	Subtest 3	21.91	22.04	21.94	23.00
	Subtest 4	21.92	22.03	22.12	23.00
HSUPA	Subtest 1	20.70	20.5	20.77	21.00
	Subtest 2	20.86	20.37	20.72	21.00
	Subtest 3	20.62	20.42	20.77	21.00
	Subtest 4	20.68	20.52	20.82	21.00
DC-HSDPA	Subtest 5	20.69	20.34	20.76	21.00
	Subtest 1	21.90	22.01	21.86	23.00
	Subtest 2	21.60	21.86	22.00	23.00
	Subtest 3	21.76	21.83	21.76	23.00
HSPA+	Subtest 4	21.90	21.76	21.93	23.00
	16QAM	19.71	19.86	19.85	21.00

WCDMA Band IV sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.06	19.34	19.25	19.50
HSDPA	Subtest 1	17.54	17.53	17.59	18.50
	Subtest 2	17.43	17.58	17.57	18.50
	Subtest 3	17.37	17.51	17.40	18.50
	Subtest 4	17.43	17.50	17.58	18.50
HSUPA	Subtest 1	16.16	16.02	16.27	16.50
	Subtest 2	16.37	15.87	16.23	16.50
	Subtest 3	16.14	15.87	16.30	16.50
	Subtest 4	16.17	15.98	16.33	16.50
DC-HSDPA	Subtest 5	16.21	15.84	16.25	16.50
	Subtest 1	17.37	17.50	17.32	18.50
	Subtest 2	17.13	17.36	17.45	18.50
	Subtest 3	17.26	17.33	17.27	18.50
HSPA+	Subtest 4	17.38	17.23	17.46	18.50
	16QAM	15.20	15.38	15.38	16.50

WCDMA Band V sensor off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.67	23.75	23.64	24.00
HSDPA	Subtest 1	22.15	22.03	22.18	23.00
	Subtest 2	21.93	22.08	22.17	23.00
	Subtest 3	22.02	22.04	22.02	23.00
	Subtest 4	21.90	21.95	22.19	23.00
HSUPA	Subtest 1	20.78	20.50	20.76	21.00
	Subtest 2	20.85	20.50	20.78	21.00
	Subtest 3	20.72	20.44	20.79	21.00
	Subtest 4	20.62	20.42	20.69	21.00
DC-HSDPA	Subtest 5	20.76	20.35	20.67	21.00
	Subtest 1	21.87	21.82	21.83	23.00
	Subtest 2	21.55	21.70	21.93	23.00
	Subtest 3	21.65	21.82	21.82	23.00
HSPA+	Subtest 4	21.86	21.72	21.90	23.00
	16QAM	19.64	19.88	19.77	21.00

WCDMA Band V sensor on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.16	23.25	23.17	23.50
HSDPA	Subtest 1	21.60	21.56	21.71	22.50
	Subtest 2	21.42	21.59	21.66	22.50
	Subtest 3	21.52	21.50	21.54	22.50
	Subtest 4	21.35	21.40	21.66	22.50
HSUPA	Subtest 1	20.24	19.99	20.22	20.50
	Subtest 2	20.37	20.03	20.25	20.50
	Subtest 3	20.21	19.92	20.32	20.50
	Subtest 4	20.12	19.88	20.19	20.50
	Subtest 5	20.23	19.86	20.16	20.50
DC-HSDPA	Subtest 1	21.33	21.30	21.28	22.50
	Subtest 2	21.03	21.18	21.42	22.50
	Subtest 3	21.17	21.30	21.32	22.50
	Subtest 4	21.39	21.21	21.37	22.50
HSPA+	16QAM	19.09	19.39	19.29	20.50

LTE Band 2 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.75	22.94	22.83	24.00
		1	2	22.74	22.93	22.83	24.00
		1	5	22.61	22.78	22.72	24.00
		3	0	22.65	23.20	22.87	24.00
		3	2	23.07	23.00	22.81	24.00
		3	3	22.86	22.79	22.82	24.00
	16QAM	6	0	21.91	21.73	22.12	23.00
		1	0	22.29	22.31	21.94	23.00
		1	2	22.13	22.57	22.26	23.00
		1	5	22.30	22.24	22.42	23.00
		3	0	22.13	21.99	21.79	23.00
		3	2	21.70	21.81	21.87	23.00
		3	3	21.60	21.91	21.62	23.00
		6	0	20.62	20.78	20.80	22.00
3MHz	QPSK	1	0	22.69	22.94	22.87	24.00
		1	7	22.81	23.00	22.88	24.00
		1	14	22.66	22.69	22.75	24.00
		8	0	21.59	22.14	21.93	23.00
		8	4	22.01	21.97	21.90	23.00
		8	7	21.94	21.79	21.74	23.00
	16QAM	15	0	21.92	21.66	22.08	23.00
		1	0	22.19	22.31	21.88	23.00
		1	7	22.14	22.57	22.25	23.00
		1	14	22.20	22.34	22.46	23.00
		8	0	21.04	20.89	20.89	22.00
		8	4	20.78	20.85	20.89	22.00
		8	7	20.52	20.89	20.64	22.00
		15	0	20.68	20.77	20.80	22.00
5MHz	QPSK	1	0	22.69	22.95	22.86	24.00
		1	13	22.71	22.92	22.81	24.00
		1	24	22.76	22.63	22.75	24.00
		12	0	21.67	22.05	21.92	23.00
		12	6	21.91	21.97	21.99	23.00
		12	13	21.85	21.85	21.74	23.00
	16QAM	25	0	22.01	21.66	21.98	23.00
		1	0	22.23	22.29	21.98	23.00
		1	13	22.13	22.49	22.15	23.00
		1	24	22.25	22.27	22.45	23.00
		12	0	21.10	20.96	20.88	22.00
		12	6	20.79	20.86	20.79	22.00
		12	13	20.61	20.90	20.72	22.00
		25	0	20.75	20.74	20.85	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.62	22.88	22.78	24.00
		1	25	22.75	22.86	22.71	24.00
		1	49	22.71	22.69	22.75	24.00
		25	0	21.75	21.96	21.83	23.00
		25	13	21.86	21.93	21.89	23.00
		25	25	21.86	21.87	21.66	23.00
	16QAM	50	0	22.02	21.73	21.94	23.00
		1	0	22.23	22.34	21.98	23.00
		1	25	22.16	22.42	22.07	23.00
		1	49	22.27	22.30	22.51	23.00
		25	0	21.02	20.90	20.86	22.00
		25	13	20.81	20.91	20.74	22.00
		25	25	20.59	20.92	20.75	22.00
		50	0	20.77	20.84	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.70	22.89	22.78	24.00
		1	38	22.67	22.81	22.61	24.00
		1	74	22.65	22.78	22.70	24.00
		36	0	21.83	21.98	21.77	23.00
		36	18	21.79	21.85	21.93	23.00
		36	39	21.83	21.87	21.67	23.00
	16QAM	75	0	21.99	21.82	22.02	23.00
		1	0	22.16	22.27	22.08	23.00
		1	38	22.16	22.32	22.07	23.00
		1	74	22.24	22.25	22.43	23.00
		36	0	21.07	20.83	20.87	22.00
		36	18	20.81	20.85	20.67	22.00
		36	39	20.59	20.95	20.78	22.00
		75	0	20.74	20.87	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.75	22.99	22.82	24.00
		1	50	22.67	22.73	22.67	24.00
		1	99	22.61	22.68	22.68	24.00
		50	0	21.92	22.04	21.74	23.00
		50	25	21.82	21.88	21.84	23.00
		50	50	21.86	21.93	21.68	23.00
	16QAM	100	0	21.93	21.91	21.96	23.00
		1	0	22.25	22.25	22.09	23.00
		1	50	22.24	22.24	22.12	23.00
		1	99	22.34	22.34	22.39	23.00
		50	0	20.99	20.91	20.78	22.00
		50	25	20.83	20.85	20.71	22.00
		50	50	20.69	20.97	20.78	22.00
		100	0	20.83	20.89	20.81	22.00

LTE Band 2 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	15.22	15.26	15.27	16.50
		1	2	15.11	15.43	15.20	16.50
		1	5	15.20	15.63	15.37	16.50
		3	0	15.49	15.40	15.36	16.50
		3	2	15.29	15.50	15.03	16.50
		3	3	15.29	15.71	15.42	16.50
	16QAM	6	0	15.29	15.75	15.20	16.50
		1	0	15.23	15.51	15.28	16.50
		1	2	15.09	15.27	15.36	16.50
		1	5	15.37	15.33	15.32	16.50
		3	0	15.37	15.31	15.53	16.50
		3	2	15.24	15.39	15.28	16.50
		3	3	15.38	15.60	15.21	16.50
		6	0	15.28	15.62	15.24	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	

3MHz	QPSK	1	0	15.28	15.36	15.24	16.50
		1	7	15.16	15.50	15.17	16.50
		1	14	15.19	15.58	15.43	16.50
		8	0	15.53	15.48	15.30	16.50
		8	4	15.29	15.43	15.03	16.50
		8	7	15.19	15.67	15.52	16.50
		15	0	15.33	15.65	15.10	16.50
	16QAM	1	0	15.26	15.46	15.38	16.50
		1	7	15.14	15.37	15.40	16.50
		1	14	15.38	15.39	15.42	16.50
		8	0	15.38	15.32	15.47	16.50
		8	4	15.31	15.43	15.37	16.50
		8	7	15.28	15.54	15.28	16.50
		15	0	15.33	15.55	15.25	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	15.31	15.44	15.21	16.50
		1	13	15.14	15.44	15.20	16.50
		1	24	15.18	15.54	15.33	16.50
		12	0	15.44	15.42	15.34	16.50
		12	6	15.35	15.40	15.05	16.50
		12	13	15.16	15.64	15.45	16.50
	16QAM	25	0	15.34	15.66	15.18	16.50
		1	0	15.24	15.53	15.28	16.50
		1	13	15.17	15.29	15.37	16.50
		1	24	15.32	15.33	15.40	16.50
		12	0	15.41	15.38	15.37	16.50
		12	6	15.24	15.44	15.39	16.50
		12	13	15.24	15.48	15.25	16.50
		25	0	15.30	15.55	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.32	15.43	15.22	16.50
		1	25	15.21	15.53	15.27	16.50
		1	49	15.18	15.49	15.33	16.50
		25	0	15.34	15.39	15.27	16.50
		25	13	15.36	15.48	15.14	16.50
		25	25	15.17	15.58	15.41	16.50
	16QAM	50	0	15.34	15.58	15.27	16.50
		1	0	15.31	15.52	15.37	16.50
		1	25	15.12	15.34	15.31	16.50
		1	49	15.33	15.42	15.34	16.50
		25	0	15.36	15.41	15.39	16.50
		25	13	15.34	15.44	15.34	16.50
		25	25	15.29	15.42	15.28	16.50
		50	0	15.24	15.59	15.36	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	15.37	15.44	15.29	16.50
		1	38	15.30	15.48	15.20	16.50
		1	74	15.19	15.49	15.34	16.50
		36	0	15.27	15.42	15.29	16.50
		36	18	15.32	15.55	15.20	16.50
		36	39	15.22	15.53	15.42	16.50
	16QAM	75	0	15.31	15.52	15.30	16.50
		1	0	15.22	15.49	15.40	16.50
		1	38	15.22	15.44	15.33	16.50
		1	74	15.27	15.51	15.33	16.50
		36	0	15.30	15.40	15.33	16.50
		36	18	15.30	15.46	15.25	16.50
		36	39	15.23	15.47	15.35	16.50
		75	0	15.34	15.51	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	15.28	15.54	15.27	16.50
		1	50	15.25	15.46	15.28	16.50
		1	99	15.24	15.46	15.35	16.50
		50	0	15.28	15.45	15.30	16.50
		50	25	15.26	15.45	15.28	16.50
		50	50	15.28	15.50	15.33	16.50

	16QAM	100	0	15.25	15.45	15.35	16.50
		1	0	15.22	15.45	15.32	16.50
		1	50	15.21	15.52	15.29	16.50
		1	99	15.27	15.53	15.32	16.50
		50	0	15.25	15.49	15.32	16.50
		50	25	15.23	15.51	15.32	16.50
		50	50	15.25	15.48	15.28	16.50
		100	0	15.27	15.46	15.30	16.50

LTE Band 4 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.26	23.27	23.23	24.00
		1	2	22.81	22.82	22.78	24.00
		1	5	22.69	22.77	22.75	24.00
		3	0	22.95	22.92	22.85	24.00
		3	2	23.04	23.01	23.05	24.00
		3	3	22.87	22.91	22.92	24.00
		6	0	21.75	21.82	21.83	23.00
	16QAM	1	0	22.31	22.28	22.34	23.00
		1	2	22.30	22.29	22.24	23.00
		1	5	22.27	22.35	22.25	23.00
		3	0	21.88	21.98	22.08	23.00
		3	2	22.23	22.18	22.16	23.00
		3	3	21.94	21.98	21.98	23.00
		6	0	20.64	20.72	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.30	23.21	23.27	24.00
		1	7	22.81	22.77	22.85	24.00
		1	14	22.67	22.68	22.66	24.00
		8	0	22.01	21.92	21.83	23.00
		8	4	21.86	21.93	21.92	23.00
		8	7	21.78	21.84	21.87	23.00
		15	0	21.97	21.88	21.92	23.00
	16QAM	1	0	22.15	22.23	22.25	23.00
		1	7	22.29	22.32	22.42	23.00
		1	14	22.32	22.36	22.30	23.00
		8	0	20.89	20.95	20.86	22.00
		8	4	21.16	21.11	21.16	22.00
		8	7	20.84	20.94	21.04	22.00
		15	0	20.68	20.76	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	23.31	23.26	23.19	24.00
		1	13	22.67	22.75	22.79	24.00
		1	24	22.74	22.73	22.67	24.00
		12	0	21.94	21.86	21.76	23.00
		12	6	22.00	21.99	22.07	23.00
		12	13	21.98	21.91	21.83	23.00
		25	0	21.93	21.95	21.97	23.00
	16QAM	1	0	22.14	22.23	22.26	23.00
		1	13	22.29	22.30	22.34	23.00
		1	24	22.27	22.32	22.26	23.00
		12	0	20.84	20.92	20.84	22.00
		12	6	21.09	21.06	20.97	22.00
		12	13	21.02	20.97	20.87	22.00
		25	0	20.79	20.77	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.27	23.18	23.25	24.00
		1	25	22.72	22.78	22.69	24.00
		1	49	22.55	22.64	22.60	24.00
		25	0	21.86	21.93	22.02	23.00
		25	13	22.06	22.07	22.01	23.00
		25	25	21.84	21.89	21.93	23.00
		50	0	21.85	21.86	21.96	23.00
	16QAM	1	0	22.17	22.18	22.09	23.00

		1	25	22.37	22.36	22.28	23.00
		1	49	22.38	22.38	22.30	23.00
		25	0	21.09	21.02	20.96	22.00
		25	13	21.00	21.00	20.99	22.00
		25	25	20.98	21.01	20.91	22.00
		50	0	20.78	20.80	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.03	23.08	23.03	24.00
		1	38	22.77	22.81	22.77	24.00
		1	74	22.70	22.72	22.68	24.00
		36	0	21.83	21.84	21.91	23.00
		36	18	21.99	22.00	22.05	23.00
		36	39	21.90	21.94	21.99	23.00
		75	0	21.77	21.86	21.82	23.00
	16QAM	1	0	22.20	22.25	22.34	23.00
		1	38	22.24	22.32	22.23	23.00
		1	74	22.23	22.30	22.27	23.00
		36	0	20.98	21.02	20.95	22.00
		36	18	20.90	20.94	21.00	22.00
		36	39	20.99	21.03	20.95	22.00
		75	0	20.85	20.88	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20175	Channel /	Tune up
20MHz	QPSK	1	0	/	23.07	/	24.00
		1	50	/	22.80	/	24.00
		1	99	/	22.64	/	24.00
		50	0	/	21.93	/	23.00
		50	25	/	21.96	/	23.00
		50	50	/	21.94	/	23.00
		100	0	/	21.96	/	23.00
	16QAM	1	0	/	22.32	/	23.00
		1	50	/	22.29	/	23.00
		1	99	/	22.32	/	23.00
		50	0	/	20.98	/	22.00
		50	25	/	21.00	/	22.00
		50	50	/	20.93	/	22.00
		100	0	/	20.96	/	22.00

LTE Band 4 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	19.32	19.37	19.39	20.50
		1	2	19.26	19.35	19.43	20.50
		1	5	19.20	19.28	19.29	20.50
		3	0	19.24	19.34	19.25	20.50
		3	2	19.34	19.42	19.42	20.50
		3	3	19.50	19.44	19.35	20.50
		6	0	19.65	19.55	19.56	20.50
	16QAM	1	0	19.55	19.59	19.66	20.50
		1	2	19.63	19.57	19.55	20.50
		1	5	19.38	19.31	19.30	20.50
		3	0	19.69	19.65	19.74	20.50
		3	2	19.21	19.29	19.33	20.50
		3	3	19.21	19.22	19.20	20.50
		6	0	19.05	19.08	19.00	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	19.42	19.32	19.39	20.50
		1	7	19.33	19.36	19.29	20.50
		1	14	19.44	19.37	19.34	20.50
		8	0	19.31	19.39	19.29	20.50
		8	4	19.30	19.37	19.45	20.50
		8	7	19.37	19.47	19.53	20.50
		15	0	19.62	19.58	19.51	20.50
	16QAM	1	0	19.54	19.50	19.46	20.50
		1	7	19.42	19.51	19.50	20.50
		1	14	19.22	19.29	19.34	20.50

		8	0	19.50	19.59	19.51	20.50
		8	4	19.22	19.30	19.28	20.50
		8	7	19.32	19.30	19.37	20.50
		15	0	19.10	19.17	19.21	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.49	19.41	19.39	20.50
		1	13	19.22	19.29	19.29	20.50
		1	24	19.24	19.34	19.36	20.50
		12	0	19.45	19.47	19.40	20.50
		12	6	19.36	19.42	19.45	20.50
		12	13	19.46	19.39	19.36	20.50
	16QAM	25	0	19.45	19.52	19.48	20.50
		1	0	19.39	19.41	19.45	20.50
		1	13	19.53	19.55	19.60	20.50
		1	24	19.39	19.34	19.31	20.50
		12	0	19.45	19.55	19.51	20.50
		12	6	19.26	19.32	19.34	20.50
		12	13	19.32	19.22	19.27	20.50
		25	0	19.30	19.23	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.45	19.50	19.57	20.50
		1	25	19.29	19.35	19.36	20.50
		1	49	19.39	19.36	19.37	20.50
		25	0	19.37	19.42	19.32	20.50
		25	13	19.40	19.34	19.43	20.50
		25	25	19.44	19.38	19.28	20.50
	16QAM	50	0	19.43	19.46	19.56	20.50
		1	0	19.41	19.43	19.40	20.50
		1	25	19.44	19.47	19.47	20.50
		1	49	19.29	19.33	19.35	20.50
		25	0	19.57	19.47	19.41	20.50
		25	13	19.18	19.28	19.32	20.50
		25	25	19.30	19.24	19.16	20.50
		50	0	19.26	19.26	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.47	19.53	19.52	20.50
		1	38	19.21	19.30	19.39	20.50
		1	74	19.28	19.33	19.37	20.50
		36	0	19.33	19.32	19.25	20.50
		36	18	19.38	19.36	19.46	20.50
		36	39	19.42	19.33	19.33	20.50
	16QAM	75	0	19.46	19.37	19.36	20.50
		1	0	19.24	19.34	19.43	20.50
		1	38	19.38	19.37	19.43	20.50
		1	74	19.29	19.24	19.27	20.50
		36	0	19.36	19.37	19.36	20.50
		36	18	19.21	19.25	19.22	20.50
		36	39	19.27	19.24	19.32	20.50
		75	0	19.26	19.27	19.35	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 20175	Channel /	Tune up
20MHz	QPSK	1	0	/	19.60	/	20.50
		1	50	/	19.26	/	20.50
		1	99	/	19.34	/	20.50
		50	0	/	19.30	/	20.50
		50	25	/	19.32	/	20.50
		50	50	/	19.30	/	20.50
	16QAM	100	0	/	19.27	/	20.50
		1	0	/	19.29	/	20.50
		1	50	/	19.33	/	20.50
		1	99	/	19.32	/	20.50
		50	0	/	19.27	/	20.50
		50	25	/	19.27	/	20.50
		50	50	/	19.27	/	20.50
		100	0	/	19.30	/	20.50

LTE Band 5 sensor off

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.84	22.82	22.88	24.00
		1	2	22.75	22.72	22.77	24.00
		1	5	22.71	22.77	22.76	24.00
		3	0	22.93	22.98	23.03	24.00
		3	2	22.77	22.79	22.78	24.00
		3	3	22.94	22.92	22.86	24.00
	16QAM	6	0	21.90	21.85	21.94	23.00
		1	0	22.00	22.04	21.96	23.00
		1	2	22.43	22.36	22.37	23.00
		1	5	22.61	22.51	22.42	23.00
		3	0	21.92	21.92	21.98	23.00
		3	2	21.66	21.74	21.83	23.00
3MHz	QPSK	3	3	22.02	22.03	22.09	23.00
		6	0	20.85	20.80	20.90	22.00
	16QAM	1	0	22.95	22.89	22.83	24.00
		1	7	22.67	22.75	22.67	24.00
		1	14	22.64	22.71	22.79	24.00
		8	0	21.88	21.91	21.84	23.00
	16QAM	8	4	21.95	21.86	21.91	23.00
		8	7	22.04	21.94	21.86	23.00
		15	0	21.83	21.83	21.90	23.00
		1	0	22.05	22.10	22.11	23.00
		1	7	22.41	22.38	22.30	23.00
		1	14	22.39	22.48	22.45	23.00
5MHz	QPSK	8	0	20.99	20.95	20.95	22.00
		8	4	20.74	20.81	20.85	22.00
		8	7	20.90	20.93	20.92	22.00
		15	0	20.87	20.85	20.92	22.00
	16QAM	1	0	22.87	22.94	22.98	24.00
		1	13	22.88	22.85	22.83	24.00
	QPSK	1	24	22.80	22.79	22.78	24.00
		12	0	21.97	21.94	22.04	23.00
		12	6	21.97	21.87	21.93	23.00
		12	13	21.96	21.86	21.94	23.00
	16QAM	25	0	21.77	21.83	21.86	23.00
		1	0	22.11	22.19	22.22	23.00
		1	13	22.37	22.33	22.38	23.00
		1	24	22.47	22.42	22.45	23.00
		12	0	20.93	20.96	20.95	22.00
		12	6	20.76	20.85	20.92	22.00
10MHz	QPSK	12	13	20.98	20.91	20.99	22.00
		25	0	20.94	20.93	20.96	22.00
	16QAM	1	0	22.87	22.94	22.98	24.00
		1	25	22.88	22.85	22.83	24.00
		1	49	22.80	22.79	22.78	24.00
		25	0	21.97	21.94	22.04	23.00
10MHz	QPSK	25	13	21.97	21.87	21.93	23.00
		25	25	21.96	21.86	21.94	23.00
		50	0	21.77	21.83	21.86	23.00
	16QAM	1	0	22.11	22.19	22.22	23.00
		1	13	22.37	22.33	22.38	23.00
		1	24	22.47	22.42	22.45	23.00
10MHz	QPSK	12	0	20.93	20.96	20.95	22.00
		12	6	20.76	20.85	20.92	22.00
		12	13	20.98	20.91	20.99	22.00
		25	0	20.94	20.93	20.96	22.00
	16QAM	1	0	22.87	22.94	22.98	24.00
		1	25	22.88	22.85	22.83	24.00
10MHz	QPSK	1	49	22.80	22.79	22.78	24.00
		25	0	21.97	21.94	22.04	23.00
		25	13	21.97	21.87	21.93	23.00
		25	25	21.96	21.86	21.94	23.00
		50	0	21.77	21.83	21.86	23.00
	16QAM	1	0	22.11	22.19	22.22	23.00
10MHz	QPSK	1	25	22.37	22.33	22.38	23.00
		1	49	22.47	22.42	22.45	23.00
		25	0	20.93	20.96	20.95	22.00
		25	13	20.76	20.85	20.92	22.00
		25	25	20.98	20.91	20.99	22.00
	16QAM	50	0	20.94	20.93	20.96	22.00

LTE Band 5 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.38	21.42	21.45	22.50
		1	2	20.98	20.99	20.95	22.50
		1	5	21.02	21.10	21.08	22.50
		3	0	21.40	21.36	21.27	22.50
		3	2	21.09	21.18	21.28	22.50
		3	3	21.18	21.23	21.33	22.50
	16QAM	6	0	21.13	21.06	20.96	22.50
		1	0	21.16	21.26	21.26	22.50
		1	2	21.22	21.19	21.22	22.50
		1	5	21.32	21.26	21.30	22.50
		3	0	21.25	21.23	21.33	22.50
		3	2	21.64	21.54	21.58	22.50
3MHz	QPSK	3	3	21.35	21.44	21.41	22.50
		6	0	21.13	21.06	20.98	22.00
		1	0	21.53	21.43	21.47	22.50
		1	7	21.13	21.07	21.06	22.50
		1	14	21.17	21.11	21.20	22.50
		8	0	21.28	21.32	21.34	22.50
	16QAM	8	4	21.30	21.23	21.20	22.50
		8	7	21.28	21.19	21.18	22.50
		15	0	20.99	21.08	21.18	22.50
		1	0	21.24	21.20	21.28	22.50
		1	7	21.17	21.21	21.27	22.50
		1	14	21.22	21.21	21.28	22.50
5MHz	QPSK	8	0	20.87	20.80	20.85	22.00
		8	4	21.13	21.06	21.15	22.00
		8	7	20.91	20.84	20.89	22.00
		15	0	21.15	21.06	21.15	22.00
		1	0	21.43	21.42	21.33	22.50
		1	13	21.10	21.10	21.03	22.50
	16QAM	1	24	21.13	21.16	21.13	22.50
		12	0	21.19	21.25	21.17	22.50
		12	6	21.21	21.18	21.08	22.50
		12	13	21.27	21.20	21.21	22.50
		25	0	21.23	21.13	21.07	22.50
		1	0	21.18	21.17	21.13	22.50
10MHz	QPSK	1	13	21.05	21.14	21.18	22.50
		1	24	21.23	21.17	21.16	22.50
		12	0	20.84	20.90	20.97	22.00
		12	6	20.89	20.96	20.96	22.00
		12	13	20.76	20.84	20.79	22.00
		25	0	20.98	20.96	20.97	22.00
	16QAM	1	0	21.43	21.42	21.33	22.50
		1	13	21.10	21.10	21.03	22.50
		1	24	21.13	21.16	21.13	22.50
		12	0	21.19	21.25	21.17	22.50
		12	6	21.21	21.18	21.08	22.50
		12	13	21.27	21.20	21.21	22.50

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	22.49	22.75	22.46	24.00	
		1	13	22.35	22.53	22.40	24.00	
		1	24	22.17	22.46	22.53	24.00	
		12	0	21.68	21.65	21.73	23.00	
		12	6	21.45	21.93	21.45	23.00	
		12	13	21.64	21.44	21.31	23.00	
	16QAM	25	0	21.63	21.54	21.70	23.00	
		1	0	22.12	21.92	21.61	23.00	
		1	13	21.90	21.93	21.61	23.00	
		1	24	21.95	22.17	21.97	23.00	
		12	0	20.74	20.84	20.56	22.00	
		12	6	20.46	20.43	20.51	22.00	
16QAM	12	13	20.59	20.78	20.59	22.00		
	25	0	20.48	20.49	20.60	22.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
	10MHz	QPSK	1	0	22.53	22.79	22.43	24.00
1			25	22.34	22.49	22.49	24.00	
1			49	22.20	22.37	22.49	24.00	
25			0	21.69	21.63	21.66	23.00	
25			13	21.49	21.83	21.44	23.00	
25			25	21.74	21.51	21.35	23.00	
16QAM		50	0	21.72	21.53	21.68	23.00	
		1	0	22.07	21.90	21.66	23.00	
		1	25	21.93	21.99	21.71	23.00	
		1	49	21.98	22.07	22.01	23.00	
		25	0	20.71	20.74	20.53	22.00	
		25	13	20.47	20.47	20.48	22.00	
		25	25	20.50	20.79	20.57	22.00	
		50	0	20.58	20.52	20.51	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	22.61	22.72	22.43	24.00	
		1	38	22.36	22.50	22.48	24.00	
		1	74	22.21	22.30	22.42	24.00	
		36	0	21.72	21.73	21.64	23.00	
		36	18	21.49	21.75	21.48	23.00	
		36	39	21.72	21.51	21.44	23.00	
	16QAM	75	0	21.70	21.60	21.59	23.00	
		1	0	22.02	21.92	21.75	23.00	
		1	38	21.89	21.97	21.74	23.00	
		1	74	21.89	22.02	22.08	23.00	
		36	0	20.72	20.68	20.52	22.00	
		36	18	20.57	20.52	20.40	22.00	
		36	39	20.49	20.81	20.64	22.00	
		75	0	20.50	20.52	20.59	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	0	22.52	22.76	22.44	24.00	
		1	50	22.39	22.54	22.47	24.00	
		1	99	22.30	22.26	22.38	24.00	
		50	0	21.62	21.71	21.55	23.00	
		50	25	21.57	21.66	21.49	23.00	
		50	50	21.69	21.60	21.46	23.00	
	16QAM	100	0	21.71	21.59	21.67	23.00	
		1	0	21.96	22.00	21.72	23.00	
		1	50	21.90	21.95	21.80	23.00	
		1	99	21.94	22.06	21.98	23.00	
		50	0	20.68	20.60	20.59	22.00	
		50	25	20.52	20.50	20.39	22.00	
		50	50	20.42	20.72	20.58	22.00	
		100	0	20.56	20.58	20.52	22.00	

LTE Band 7 sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	12.61	12.78	12.46	14.00	
		1	13	12.54	12.62	12.46	14.00	
		1	24	12.36	12.76	12.41	14.00	
		12	0	12.41	12.73	12.40	14.00	
		12	6	12.37	12.68	12.52	14.00	
		12	13	12.51	12.69	12.43	14.00	
	16QAM	25	0	12.53	12.76	12.45	14.00	
		1	0	12.47	12.45	12.39	14.00	
		1	13	12.31	12.71	12.32	14.00	
		1	24	12.42	12.67	12.40	14.00	
		12	0	12.33	12.72	12.35	14.00	
		12	6	12.41	12.55	12.30	14.00	
16QAM	12	13	12.26	12.59	12.24	14.00		
	25	0	12.38	12.73	12.31	14.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
10MHz	QPSK	1	0	12.62	12.72	12.37	14.00	
		1	25	12.44	12.66	12.41	14.00	
		1	49	12.27	12.71	12.40	14.00	
		25	0	12.46	12.68	12.33	14.00	
		25	13	12.35	12.58	12.42	14.00	
		25	25	12.48	12.63	12.33	14.00	
	16QAM	50	0	12.46	12.68	12.36	14.00	
		1	0	12.44	12.46	12.35	14.00	
		1	25	12.30	12.65	12.42	14.00	
		1	49	12.32	12.71	12.35	14.00	
		25	0	12.36	12.80	12.45	14.00	
		25	13	12.39	12.55	12.26	14.00	
		25	25	12.36	12.59	12.34	14.00	
		50	0	12.37	12.67	12.40	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	12.61	12.70	12.34	14.00	
		1	38	12.40	12.72	12.35	14.00	
		1	74	12.25	12.65	12.40	14.00	
		36	0	12.48	12.62	12.43	14.00	
		36	18	12.31	12.49	12.37	14.00	
		36	39	12.47	12.67	12.29	14.00	
	16QAM	75	0	12.43	12.63	12.32	14.00	
		1	0	12.41	12.53	12.38	14.00	
		1	38	12.38	12.64	12.36	14.00	
		1	74	12.28	12.69	12.37	14.00	
		36	0	12.29	12.72	12.35	14.00	
		36	18	12.33	12.51	12.34	14.00	
		36	39	12.33	12.65	12.44	14.00	
		75	0	12.34	12.73	12.46	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	0	12.52	12.75	12.42	14.00	
		1	50	12.37	12.62	12.33	14.00	
		1	99	12.34	12.62	12.42	14.00	
		50	0	12.38	12.58	12.41	14.00	
		50	25	12.32	12.58	12.38	14.00	
		50	50	12.39	12.66	12.33	14.00	
	16QAM	100	0	12.40	12.60	12.37	14.00	
		1	0	12.33	12.60	12.39	14.00	
		1	50	12.37	12.63	12.35	14.00	
		1	99	12.31	12.61	12.38	14.00	
		50	0	12.31	12.65	12.36	14.00	
		50	25	12.32	12.58	12.41	14.00	
		50	50	12.37	12.66	12.42	14.00	
		100	0	12.31	12.63	12.41	14.00	

LTE FDD Band 12 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.13	23.11	23.09	24.00
		1	2	22.77	22.86	22.95	24.00
		1	5	23.07	23.04	23.02	24.00
		3	0	22.94	22.94	22.94	24.00
		3	2	22.99	22.94	22.94	24.00
		3	3	23.21	23.21	23.29	24.00
	16QAM	6	0	22.03	22.06	22.04	23.00
		1	0	22.30	22.28	22.36	23.00
		1	2	22.44	22.49	22.42	23.00
		1	5	22.57	22.51	22.44	23.00
		3	0	21.83	21.80	21.84	23.00
		3	2	21.95	21.99	21.93	23.00
3	3	22.01	22.00	21.92	23.00		
6	0	20.92	20.97	21.07	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.19	23.20	23.21	24.00
		1	7	22.77	22.85	22.90	24.00
		1	14	23.08	22.98	23.01	24.00
		8	0	21.97	21.99	22.01	23.00
		8	4	21.98	21.94	21.84	23.00
		8	7	22.05	22.14	22.10	23.00
	16QAM	15	0	22.01	22.09	22.11	23.00
		1	0	22.41	22.37	22.39	23.00
		1	7	22.45	22.46	22.53	23.00
		1	14	22.61	22.57	22.51	23.00
		8	0	20.93	20.88	20.89	22.00
		8	4	20.96	20.89	20.88	22.00
8	7	20.98	20.96	20.91	22.00		
15	0	21.00	21.07	20.99	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.23	23.16	23.18	24.00
		1	13	22.90	22.89	22.79	24.00
		1	24	22.87	22.88	22.87	24.00
		12	0	22.04	22.08	22.17	23.00
		12	6	21.94	21.98	21.89	23.00
		12	13	22.06	22.04	22.14	23.00
	16QAM	25	0	22.01	22.01	22.00	23.00
		1	0	22.40	22.40	22.41	23.00
		1	13	22.51	22.43	22.49	23.00
		1	24	22.58	22.62	22.66	23.00
		12	0	20.91	20.88	20.90	22.00
		12	6	21.00	20.99	20.95	22.00
12	13	20.85	20.90	20.87	22.00		
25	0	21.00	21.04	21.10	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	23.12	/	24.00
		1	25	/	22.85	/	24.00
		1	49	/	22.82	/	24.00
		25	0	/	22.00	/	23.00
		25	13	/	22.03	/	23.00
		25	25	/	21.97	/	23.00
	16QAM	50	0	/	22.07	/	23.00
		1	0	/	22.30	/	23.00
		1	25	/	22.38	/	23.00
		1	49	/	22.59	/	23.00
		25	0	/	20.97	/	22.00
		25	13	/	21.06	/	22.00
25	25	/	20.97	/	22.00		
50	0	/	21.14	/	22.00		

LTE FDD Band 13 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23230	/	
5MHz	QPSK	1	0	/	22.88	/	24.00
		1	13	/	22.54	/	24.00
		1	24	/	22.51	/	24.00
		12	0	/	21.90	/	23.00
		12	6	/	21.83	/	23.00
		12	13	/	21.65	/	23.00
	16QAM	25	0	/	21.77	/	23.00
		1	0	/	22.09	/	23.00
		1	13	/	22.08	/	23.00
		1	24	/	22.39	/	23.00
		12	0	/	20.73	/	22.00
		12	6	/	20.78	/	22.00
		12	13	/	20.87	/	22.00
		25	0	/	20.94	/	22.00
10MHz	QPSK	1	0	/	22.87	/	24.00
		1	25	/	22.6	/	24.00
		1	49	/	22.54	/	24.00
		25	0	/	21.92	/	23.00
		25	13	/	21.84	/	23.00
		25	25	/	21.7	/	23.00
	16QAM	50	0	/	21.79	/	23.00
		1	0	/	22.17	/	23.00
		1	25	/	22.16	/	23.00
		1	49	/	22.3	/	23.00
		25	0	/	20.82	/	22.00
		25	13	/	20.8	/	22.00
		25	25	/	20.79	/	22.00
		50	0	/	20.85	/	22.00

LTE FDD Band 14 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
5MHz	QPSK	1	0	/	23.03	/	24.00
		1	13	/	22.70	/	24.00
		1	24	/	22.53	/	24.00
		12	0	/	21.97	/	23.00
		12	6	/	21.84	/	23.00
		12	13	/	21.84	/	23.00
	16QAM	25	0	/	21.89	/	23.00
		1	0	/	22.12	/	23.00
		1	13	/	22.14	/	23.00
		1	24	/	22.28	/	23.00
		12	0	/	21.00	/	22.00
		12	6	/	20.75	/	22.00
		12	13	/	20.70	/	22.00
		25	0	/	20.90	/	22.00
10MHz	QPSK	1	0	/	22.94	/	24.00
		1	25	/	22.74	/	24.00
		1	49	/	22.51	/	24.00
		25	0	/	21.87	/	23.00
		25	13	/	21.87	/	23.00
		25	25	/	21.74	/	23.00
	16QAM	50	0	/	21.83	/	23.00
		1	0	/	22.13	/	23.00
		1	25	/	22.13	/	23.00
		1	49	/	22.28	/	23.00
		25	0	/	20.9	/	22.00
		25	13	/	20.72	/	22.00
		25	25	/	20.74	/	22.00
		50	0	/	20.82	/	22.00

LTE FDD Band 17 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
5MHz	QPSK	1	0	/	22.90	/	24.00
		1	13	/	22.54	/	24.00
		1	24	/	22.59	/	24.00
		12	0	/	21.96	/	23.00
		12	6	/	21.76	/	23.00
		12	13	/	21.83	/	23.00
	16QAM	25	0	/	21.93	/	23.00
		1	0	/	22.23	/	23.00
		1	13	/	22.22	/	23.00
		1	24	/	22.40	/	23.00
		12	0	/	20.85	/	22.00
		12	6	/	20.92	/	22.00
		12	13	/	20.76	/	22.00
		25	0	/	20.95	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	22.92	/	24.00
		1	25	/	22.61	/	24.00
		1	49	/	22.55	/	24.00
		25	0	/	21.98	/	23.00
		25	13	/	21.84	/	23.00
		25	25	/	21.89	/	23.00
	16QAM	50	0	/	21.86	/	23.00
		1	0	/	22.13	/	23.00
		1	25	/	22.20	/	23.00
		1	49	/	22.33	/	23.00
		25	0	/	20.82	/	22.00
		25	13	/	20.82	/	22.00
		25	25	/	20.75	/	22.00
		50	0	/	20.91	/	22.00

LTE Band 26 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.13	23.15	23.16	24.00
		1	2	22.87	22.79	22.84	24.00
		1	5	22.79	22.74	22.71	24.00
		3	0	23.00	22.99	23.05	24.00
		3	2	22.90	22.91	22.92	24.00
		3	3	22.94	22.91	22.97	24.00
	16QAM	6	0	21.87	21.80	21.89	23.00
		1	0	22.35	22.29	22.36	23.00
		1	2	22.12	22.16	22.19	23.00
		1	5	22.59	22.63	22.55	23.00
		3	0	21.98	21.94	21.84	23.00
		3	2	22.12	22.08	22.09	23.00
		3	3	21.92	21.86	21.85	23.00
		6	0	21.06	21.12	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.16	23.11	23.20	24.00
		1	7	22.83	22.78	22.84	24.00
		1	14	22.76	22.77	22.84	24.00
		8	0	22.00	22.06	22.11	23.00
		8	4	21.88	21.86	21.92	23.00
		8	7	21.82	21.90	21.89	23.00
	16QAM	15	0	21.92	21.84	21.83	23.00
		1	0	22.31	22.23	22.26	23.00
		1	7	22.15	22.24	22.26	23.00
		1	14	22.61	22.53	22.44	23.00
		8	0	20.95	20.98	21.00	22.00
		8	4	20.96	21.03	21.06	22.00
		8	7	20.95	20.96	21.01	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		15	0	21.20	21.22	21.28	22.00
				26715	26865	27015	
5MHz	QPSK	1	0	22.93	23.02	23.11	24.00
		1	13	22.75	22.77	22.83	24.00
		1	24	22.66	22.70	22.79	24.00
		12	0	22.22	22.14	22.15	23.00
		12	6	21.94	21.95	21.96	23.00
		12	13	21.81	21.90	21.83	23.00
		25	0	21.90	21.87	21.90	23.00
	16QAM	1	0	22.13	22.22	22.21	23.00
		1	13	22.32	22.26	22.21	23.00
		1	24	22.44	22.45	22.39	23.00
		12	0	20.91	20.92	20.95	22.00
		12	6	21.18	21.13	21.05	22.00
		12	13	21.04	21.06	21.04	22.00
		25	0	21.12	21.20	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.09	23.05	23.11	24.00
		1	25	22.79	22.72	22.63	24.00
		1	49	22.75	22.66	22.62	24.00
		25	0	22.06	22.11	22.21	23.00
		25	13	21.89	21.97	21.91	23.00
		25	25	21.93	21.92	21.94	23.00
		50	0	21.87	21.88	21.96	23.00
	16QAM	1	0	22.18	22.22	22.30	23.00
		1	25	22.29	22.36	22.44	23.00
		1	49	22.49	22.48	22.55	23.00
		25	0	21.07	20.98	21.05	22.00
		25	13	20.95	21.04	21.03	22.00
		25	25	21.04	21.00	20.96	22.00
		50	0	21.08	21.16	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.13	/	24.00
		1	38	/	22.75	/	24.00
		1	74	/	22.76	/	24.00
		36	0	/	22.10	/	23.00
		36	18	/	22.05	/	23.00
		36	39	/	21.97	/	23.00
		75	0	/	21.92	/	23.00
	16QAM	1	0	/	22.32	/	23.00
		1	38	/	22.45	/	23.00
		1	74	/	22.49	/	23.00
		36	0	/	20.97	/	22.00
		36	18	/	21.06	/	22.00
		36	39	/	21.06	/	22.00
		75	0	/	21.07	/	22.00

LTE Band 26 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	21.79	21.69	21.66	22.50
		1	2	21.49	21.46	21.55	22.50
		1	5	21.46	21.45	21.41	22.50
		3	0	21.12	21.14	21.15	22.50
		3	2	21.71	21.73	21.66	22.50
		3	3	21.38	21.37	21.28	22.50
		6	0	21.25	21.34	21.24	22.50
	16QAM	1	0	21.24	21.15	21.10	22.50
		1	2	21.55	21.53	21.60	22.50
		1	5	21.37	21.42	21.52	22.50
		3	0	21.62	21.69	21.66	22.50
		3	2	21.66	21.64	21.72	22.50
		3	3	21.64	21.69	21.64	22.50
		6	0	21.40	21.31	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

3MHz	QPSK	1	0	26705	26865	27025	
		1	7	21.68	21.65	21.67	22.50
		1	14	21.41	21.36	21.43	22.50
		8	0	21.41	21.43	21.46	22.50
		8	4	21.21	21.24	21.22	22.50
		8	7	21.73	21.67	21.63	22.50
		8	7	21.49	21.44	21.54	22.50
	16QAM	15	0	21.35	21.32	21.27	22.50
		1	0	21.30	21.24	21.15	22.50
		1	7	21.66	21.56	21.65	22.50
		1	14	21.49	21.49	21.44	22.50
		8	0	21.11	21.09	20.99	22.00
		8	4	21.28	21.18	21.15	22.00
		8	7	21.22	21.28	21.28	22.00
		15	0	21.31	21.21	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.81	21.75	21.74	22.50
		1	13	21.23	21.28	21.30	22.50
		1	24	21.58	21.52	21.54	22.50
		12	0	21.41	21.31	21.32	22.50
		12	6	21.66	21.63	21.69	22.50
		12	13	21.35	21.35	21.40	22.50
		25	0	21.47	21.40	21.49	22.50
	16QAM	1	0	21.40	21.32	21.33	22.50
		1	13	21.54	21.64	21.63	22.50
		1	24	21.54	21.44	21.53	22.50
		12	0	21.15	21.18	21.14	22.00
		12	6	21.23	21.19	21.24	22.00
		12	13	21.22	21.18	21.09	22.00
		25	0	21.09	21.18	21.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	21.82	21.75	21.67	22.50
		1	25	21.26	21.35	21.42	22.50
		1	49	21.63	21.54	21.64	22.50
		25	0	21.31	21.35	21.31	22.50
		25	13	21.65	21.61	21.62	22.50
		25	25	21.49	21.44	21.44	22.50
		50	0	21.44	21.41	21.34	22.50
	16QAM	1	0	21.44	21.39	21.37	22.50
		1	25	21.61	21.60	21.58	22.50
		1	49	21.62	21.52	21.44	22.50
		25	0	21.14	21.18	21.21	22.00
		25	13	21.24	21.19	21.20	22.00
		25	25	21.28	21.27	21.18	22.00
		50	0	21.18	21.19	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	21.66	/	22.50
		1	38	/	21.45	/	22.50
		1	74	/	21.44	/	22.50
		36	0	/	21.45	/	22.50
		36	18	/	21.55	/	22.50
		36	39	/	21.46	/	22.50
		75	0	/	21.47	/	22.50
	16QAM	1	0	/	21.48	/	22.50
		1	38	/	21.51	/	22.50
		1	74	/	21.46	/	22.50
		36	0	/	21.21	/	22.00
		36	18	/	21.18	/	22.00
		36	39	/	21.19	/	22.00
		75	0	/	21.21	/	22.00

LTE Band 25 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.68	23.17	23.04	24.00
		1	2	22.56	23.08	22.56	24.00
		1	5	22.85	22.93	22.63	24.00
		3	0	23.01	23.10	23.19	24.00
		3	2	22.78	22.76	22.98	24.00
		3	3	22.80	23.04	22.87	24.00
		6	0	21.95	22.11	21.94	23.00
	16QAM	1	0	22.57	22.42	22.26	23.00
		1	2	22.44	22.48	22.34	23.00
		1	5	22.30	22.67	22.57	23.00
		3	0	21.99	21.72	21.93	23.00
		3	2	21.90	22.03	21.38	23.00
		3	3	21.77	21.90	21.98	23.00
		6	0	21.15	21.20	20.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.76	23.17	22.98	24.00
		1	7	22.65	23.00	22.46	24.00
		1	14	22.78	22.84	22.71	24.00
		8	0	22.08	22.06	22.13	23.00
		8	4	21.73	21.83	21.91	23.00
		8	7	21.89	21.97	21.87	23.00
		15	0	21.96	22.20	21.86	23.00
	16QAM	1	0	22.51	22.32	22.32	23.00
		1	7	22.36	22.54	22.25	23.00
		1	14	22.39	22.71	22.48	23.00
		8	0	20.95	20.81	20.85	22.00
		8	4	20.87	21.13	20.48	22.00
		8	7	20.87	21.00	20.98	22.00
		15	0	21.05	21.28	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.78	23.09	22.91	24.00
		1	13	22.60	23.04	22.56	24.00
		1	24	22.78	22.86	22.71	24.00
		12	0	22.05	22.13	22.14	23.00
		12	6	21.82	21.90	21.84	23.00
		12	13	21.95	21.91	21.93	23.00
		25	0	21.95	22.11	21.85	23.00
	16QAM	1	0	22.43	22.36	22.32	23.00
		1	13	22.37	22.49	22.18	23.00
		1	24	22.47	22.64	22.46	23.00
		12	0	21.02	20.90	20.78	22.00
		12	6	20.95	21.11	20.54	22.00
		12	13	20.79	21.01	21.00	22.00
		25	0	20.96	21.34	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.73	23.08	22.81	24.00
		1	25	22.63	22.99	22.62	24.00
		1	49	22.73	22.88	22.63	24.00
		25	0	22.11	22.11	22.07	23.00
		25	13	21.85	21.93	21.92	23.00
		25	25	21.86	21.97	21.87	23.00
		50	0	21.85	22.05	21.94	23.00
	16QAM	1	0	22.36	22.31	22.31	23.00
		1	25	22.38	22.52	22.16	23.00
		1	49	22.49	22.59	22.38	23.00
		25	0	20.97	20.97	20.83	22.00
		25	13	20.92	21.05	20.60	22.00
		25	25	20.82	21.04	20.94	22.00
		50	0	20.88	21.27	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	22.82	23.12	22.89	24.00
		1	38	22.70	22.99	22.70	24.00

		1	74	22.73	22.83	22.61	24.00
		36	0	22.11	22.03	22.07	23.00
		36	18	21.94	21.96	21.99	23.00
		36	39	21.89	21.93	21.82	23.00
		75	0	21.91	22.03	22.03	23.00
	16QAM	1	0	22.35	22.28	22.21	23.00
		1	38	22.32	22.48	22.18	23.00
		1	74	22.41	22.57	22.33	23.00
		36	0	20.96	21.06	20.83	22.00
		36	18	21.02	20.96	20.68	22.00
		36	39	20.89	20.94	20.93	22.00
		75	0	20.93	21.21	20.90	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.81	23.16	22.99	24.00
		1	50	22.75	22.91	22.80	24.00
		1	99	22.72	22.81	22.69	24.00
		50	0	22.08	22.04	21.99	23.00
		50	25	22.01	22.01	22.07	23.00
		50	50	21.96	21.92	21.80	23.00
	16QAM	100	0	22.01	21.94	21.97	23.00
		1	0	22.34	22.34	22.24	23.00
		1	50	22.30	22.40	22.19	23.00
		1	99	22.39	22.54	22.43	23.00
		50	0	21.01	21.10	20.88	22.00
		50	25	20.96	20.89	20.75	22.00
		50	50	20.82	21.04	20.84	22.00
		100	0	20.90	21.15	20.97	22.00

LTE Band 25 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	15.24	15.93	15.61	16.50
		1	2	15.25	15.64	15.47	16.50
		1	5	14.82	15.58	15.54	16.50
		3	0	15.32	15.55	15.48	16.50
		3	2	15.20	15.53	15.44	16.50
		3	3	14.82	15.69	15.45	16.50
	16QAM	6	0	15.38	15.76	15.65	16.50
		1	0	15.32	15.54	15.49	16.50
		1	2	15.17	15.53	15.36	16.50
		1	5	15.16	15.82	15.31	16.50
		3	0	15.18	15.83	15.51	16.50
		3	2	14.98	15.31	15.42	16.50
3MHz	QPSK	3	3	15.10	15.60	15.46	16.50
		6	0	15.19	15.57	15.49	16.50
	16QAM	1	0	15.19	15.85	15.60	16.50
		1	7	15.19	15.60	15.37	16.50
		1	14	14.91	15.55	15.48	16.50
		8	0	15.37	15.54	15.57	16.50
		8	4	15.13	15.61	15.53	16.50
		8	7	14.91	15.61	15.45	16.50
		15	0	15.42	15.66	15.65	16.50
		1	0	15.31	15.44	15.59	16.50
		1	7	15.24	15.57	15.42	16.50
		1	14	15.12	15.76	15.29	16.50
		8	0	15.28	15.79	15.60	16.50
		8	4	15.05	15.39	15.42	16.50
		8	7	15.09	15.69	15.45	16.50
		15	0	15.23	15.63	15.55	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
5MHz	QPSK	1	0	15.26	15.86	15.62	16.50
		1	13	15.18	15.54	15.34	16.50
		1	24	15.00	15.54	15.49	16.50
		12	0	15.29	15.46	15.64	16.50

	16QAM	12	6	15.12	15.53	15.55	16.50
		12	13	14.93	15.58	15.41	16.50
		25	0	15.34	15.61	15.56	16.50
		1	0	15.26	15.53	15.58	16.50
		1	13	15.28	15.55	15.41	16.50
		1	24	15.02	15.74	15.34	16.50
		12	0	15.18	15.82	15.61	16.50
		12	6	14.98	15.43	15.51	16.50
		12	13	15.14	15.64	15.36	16.50
		25	0	15.20	15.58	15.60	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	15.32	15.88	15.62	16.50
		1	25	15.12	15.64	15.36	16.50
		1	49	15.10	15.50	15.57	16.50
		25	0	15.19	15.44	15.57	16.50
		25	13	15.15	15.45	15.48	16.50
		25	25	14.98	15.51	15.51	16.50
	16QAM	50	0	15.34	15.51	15.58	16.50
		1	0	15.18	15.63	15.59	16.50
		1	25	15.23	15.48	15.46	16.50
		1	49	15.09	15.73	15.40	16.50
		25	0	15.21	15.72	15.56	16.50
		25	13	15.07	15.51	15.45	16.50
		25	25	15.15	15.72	15.30	16.50
		50	0	15.17	15.53	15.55	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up
15MHz	QPSK	1	0	15.33	15.79	15.60	16.50
		1	38	15.09	15.72	15.43	16.50
		1	74	15.16	15.50	15.51	16.50
		36	0	15.18	15.45	15.54	16.50
		36	18	15.14	15.52	15.51	16.50
		36	39	15.03	15.54	15.42	16.50
	16QAM	75	0	15.25	15.51	15.54	16.50
		1	0	15.24	15.58	15.51	16.50
		1	38	15.29	15.58	15.44	16.50
		1	74	15.06	15.70	15.35	16.50
		36	0	15.16	15.66	15.50	16.50
		36	18	15.16	15.56	15.50	16.50
		36	39	15.06	15.62	15.38	16.50
		75	0	15.21	15.52	15.48	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	15.26	15.69	15.52	16.50
		1	50	15.17	15.62	15.40	16.50
		1	99	15.18	15.60	15.45	16.50
		50	0	15.15	15.55	15.46	16.50
		50	25	15.14	15.55	15.46	16.50
		50	50	15.13	15.57	15.39	16.50
	16QAM	100	0	15.17	15.57	15.46	16.50
		1	0	15.16	15.60	15.41	16.50
		1	50	15.20	15.59	15.38	16.50
		1	99	15.11	15.62	15.38	16.50
		50	0	15.13	15.60	15.43	16.50
		50	25	15.19	15.59	15.43	16.50
		50	50	15.14	15.57	15.43	16.50
		100	0	15.12	15.57	15.41	16.50

LTE FDD Band 30 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	27710	/	24.00
		1	13	/	22.34	/	24.00
		1	24	/	22.08	/	24.00
		12	0	/	21.57	/	23.00
		12	6	/	21.54	/	23.00
		12	13	/	21.51	/	23.00
		12	13	/	21.51	/	23.00

		25	0	/	21.47	/	23.00
		1	0	/	21.80	/	23.00
		1	13	/	21.89	/	23.00
		1	24	/	22.01	/	23.00
		12	0	/	20.52	/	22.00
		12	6	/	20.37	/	22.00
		12	13	/	20.55	/	22.00
		25	0	/	20.59	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
		1	0	/	22.58	/	24.00
		1	25	/	22.34	/	24.00
		1	49	/	22.17	/	24.00
		25	0	/	21.59	/	23.00
		25	13	/	21.58	/	23.00
		25	25	/	21.50	/	23.00
		50	0	/	21.43	/	23.00
		1	0	/	21.89	/	23.00
		1	25	/	21.94	/	23.00
		1	49	/	22.01	/	23.00
		25	0	/	20.45	/	22.00
		25	13	/	20.40	/	22.00
		25	25	/	20.51	/	22.00
		50	0	/	20.60	/	22.00

LTE FDD Band 30 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
		1	0	/	15.49	/	17.00
		1	13	/	15.35	/	17.00
		1	24	/	15.18	/	17.00
		12	0	/	15.41	/	17.00
		12	6	/	15.29	/	17.00
		12	13	/	15.35	/	17.00
		25	0	/	15.23	/	17.00
		1	0	/	15.28	/	17.00
		1	13	/	15.16	/	17.00
		1	24	/	15.23	/	17.00
		12	0	/	15.29	/	17.00
		12	6	/	15.31	/	17.00
		12	13	/	15.27	/	17.00
		25	0	/	15.30	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
		1	0	/	15.57	/	17.00
		1	25	/	15.28	/	17.00
		1	49	/	15.25	/	17.00
		25	0	/	15.31	/	17.00
		25	13	/	15.30	/	17.00
		25	25	/	15.25	/	17.00
		50	0	/	15.26	/	17.00
		1	0	/	15.31	/	17.00
		1	25	/	15.25	/	17.00
		1	49	/	15.26	/	17.00
		25	0	/	15.25	/	17.00
		25	13	/	15.29	/	17.00
		25	25	/	15.31	/	17.00
		50	0	/	15.30	/	17.00

LTE Band 66 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
		1	0	23.27	23.31	23.47	24.00
		1	2	23.32	23.27	23.06	24.00
		1	5	23.50	23.31	22.90	24.00
		3	0	23.17	23.45	23.67	24.00
		3	1	23.22	23.43	23.21	24.00

	16QAM	3	3	23.44	23.28	23.21	24.00
		6	0	22.48	22.28	22.38	23.00
		1	0	22.61	22.88	22.40	23.00
		1	2	22.67	22.58	22.56	23.00
		1	5	22.67	22.75	22.90	23.00
		3	0	22.41	22.36	22.30	23.00
		3	1	22.63	22.39	22.35	23.00
		3	3	22.09	22.36	22.21	23.00
		6	0	21.50	21.52	21.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	131987	132322	132657	24.00
		1	7	23.24	23.23	23.46	24.00
		1	14	23.23	23.25	23.07	24.00
		8	0	23.45	23.25	22.94	24.00
		8	4	22.27	22.35	22.58	23.00
		8	7	22.30	22.33	22.14	23.00
	16QAM	15	0	22.42	22.25	22.12	23.00
		1	0	22.50	22.27	22.46	23.00
		1	7	22.70	22.78	22.41	23.00
		1	14	22.58	22.58	22.61	23.00
		8	0	22.70	22.77	22.96	23.00
		8	4	21.51	21.39	21.27	22.00
		8	7	21.64	21.36	21.30	22.00
		8	14	21.03	21.45	21.20	22.00
		15	0	21.55	21.50	21.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	131997	132322	132647	24.00
		1	13	23.34	23.22	23.45	24.00
		1	24	23.16	23.20	23.12	24.00
		12	0	23.35	23.28	22.92	24.00
		12	6	22.37	22.36	22.52	23.00
		12	13	22.27	22.42	22.15	23.00
	16QAM	25	0	22.32	22.28	22.22	23.00
		1	0	22.44	22.36	22.44	23.00
		1	13	22.72	22.69	22.51	23.00
		1	24	22.61	22.55	22.71	23.00
		12	0	22.66	22.85	23.00	23.00
		12	6	21.41	21.49	21.17	22.00
		12	13	21.56	21.40	21.27	22.00
		12	24	21.12	21.43	21.18	22.00
		25	0	21.47	21.42	21.34	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	132022	132322	132622	24.00
		1	25	23.33	23.32	23.43	24.00
		1	49	23.23	23.17	23.18	24.00
		25	0	23.25	23.24	23.02	24.00
		25	13	22.31	22.37	22.56	23.00
		25	25	22.22	22.40	22.20	23.00
	16QAM	50	0	22.29	22.35	22.23	23.00
		1	0	22.39	22.30	22.35	23.00
		1	25	22.69	22.66	22.51	23.00
		1	49	22.58	22.65	22.63	23.00
		25	0	22.71	22.88	22.90	23.00
		25	13	21.32	21.40	21.24	22.00
		25	25	21.47	21.34	21.31	22.00
		25	49	21.18	21.38	21.20	22.00
		50	0	21.41	21.32	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	132047	132322	132597	24.00
		1	38	23.27	23.41	23.38	24.00
		1	74	23.26	23.24	23.21	24.00
		36	0	23.21	23.14	23.11	24.00
		36	18	22.40	22.47	22.51	23.00
		36	39	22.17	22.50	22.26	23.00
	16QAM	75	0	22.26	22.37	22.29	23.00
		1	0	22.38	22.28	22.36	23.00
		1	38	22.73	22.74	22.42	23.00
		1	74	22.67	22.64	22.68	23.00
		36	0	22.72	22.95	22.82	23.00
		36	0	21.42	21.36	21.26	22.00

		36	18	21.37	21.44	21.26	22.00
		36	39	21.27	21.45	21.27	22.00
		75	0	21.34	21.39	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	23.24	23.45	23.38	24.00
		1	50	23.17	23.21	23.11	24.00
		1	99	23.16	23.08	23.05	24.00
		50	0	22.40	22.44	22.43	23.00
		50	25	22.27	22.41	22.36	23.00
		50	50	22.34	22.39	22.22	23.00
		100	0	22.48	22.37	22.46	23.00
	16QAM	1	0	22.70	22.71	22.49	23.00
		1	50	22.71	22.70	22.68	23.00
		1	99	22.72	22.95	22.80	23.00
		50	0	21.49	21.46	21.31	22.00
		50	25	21.32	21.39	21.17	22.00
		50	50	21.23	21.38	21.31	22.00
		100	0	21.30	21.47	21.30	22.00

LTE Band 66 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	19.79	20.11	19.83	20.50
		1	2	19.38	19.68	19.75	20.50
		1	5	19.44	19.73	19.55	20.50
		3	0	19.57	19.69	19.58	20.50
		3	1	19.60	19.79	19.59	20.50
		3	3	19.48	19.91	19.53	20.50
		6	0	19.70	19.54	19.38	20.50
	16QAM	1	0	19.68	19.70	19.70	20.50
		1	2	19.40	19.55	19.58	20.50
		1	5	19.58	19.61	19.42	20.50
		3	0	19.57	19.83	19.34	20.50
		3	1	19.92	19.76	19.58	20.50
		3	3	19.62	19.89	19.44	20.50
		6	0	19.86	19.75	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	19.82	20.18	19.90	20.50
		1	7	19.42	19.65	19.79	20.50
		1	14	19.49	19.66	19.47	20.50
		8	0	19.48	19.77	19.51	20.50
		8	4	19.53	19.70	19.55	20.50
		8	7	19.57	19.82	19.49	20.50
		15	0	19.75	19.52	19.43	20.50
	16QAM	1	0	19.61	19.78	19.63	20.50
		1	7	19.45	19.64	19.67	20.50
		1	14	19.56	19.71	19.34	20.50
		8	0	19.54	19.74	19.34	20.50
		8	4	19.83	19.84	19.60	20.50
		8	7	19.56	19.86	19.41	20.50
		15	0	19.88	19.66	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	19.75	20.09	19.93	20.50
		1	13	19.49	19.67	19.70	20.50
		1	24	19.47	19.68	19.46	20.50
		12	0	19.56	19.73	19.55	20.50
		12	6	19.61	19.68	19.58	20.50
		12	13	19.65	19.82	19.47	20.50
		25	0	19.75	19.57	19.38	20.50
	16QAM	1	0	19.62	19.82	19.64	20.50
		1	13	19.54	19.72	19.60	20.50
		1	24	19.57	19.65	19.36	20.50
		12	0	19.51	19.71	19.44	20.50
		12	6	19.74	19.82	19.61	20.50
		12	13	19.51	19.76	19.46	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	0	19.78	19.72	19.72	20.50
				132022	132322	132622	
10MHz	QPSK	1	0	19.78	20.11	19.92	20.50
		1	25	19.49	19.70	19.78	20.50
		1	49	19.56	19.62	19.54	20.50
		25	0	19.53	19.66	19.55	20.50
		25	13	19.54	19.65	19.48	20.50
		25	25	19.66	19.77	19.53	20.50
		50	0	19.73	19.59	19.39	20.50
	16QAM	1	0	19.63	19.76	19.71	20.50
		1	25	19.53	19.82	19.67	20.50
		1	49	19.55	19.70	19.44	20.50
		25	0	19.54	19.71	19.51	20.50
		25	13	19.82	19.79	19.64	20.50
		25	25	19.56	19.77	19.48	20.50
		50	0	19.78	19.77	19.67	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	19.81	20.02	19.92	20.50
		1	38	19.57	19.70	19.72	20.50
		1	74	19.64	19.64	19.54	20.50
		36	0	19.63	19.64	19.47	20.50
		36	18	19.61	19.74	19.52	20.50
		36	39	19.70	19.78	19.61	20.50
		75	0	19.67	19.66	19.48	20.50
	16QAM	1	0	19.56	19.76	19.64	20.50
		1	38	19.63	19.80	19.60	20.50
		1	74	19.59	19.75	19.51	20.50
		36	0	19.61	19.67	19.59	20.50
		36	18	19.74	19.72	19.70	20.50
		36	39	19.60	19.69	19.58	20.50
		75	0	19.70	19.68	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	19.78	19.93	19.84	20.50
		1	50	19.65	19.68	19.64	20.50
		1	99	19.68	19.68	19.58	20.50
		50	0	19.62	19.73	19.57	20.50
		50	25	19.63	19.69	19.59	20.50
		50	50	19.66	19.68	19.58	20.50
		100	0	19.68	19.70	19.58	20.50
	16QAM	1	0	19.64	19.69	19.60	20.50
		1	50	19.66	19.70	19.62	20.50
		1	99	19.65	19.71	19.60	20.50
		50	0	19.66	19.70	19.62	20.50
		50	25	19.68	19.69	19.64	20.50
		50	50	19.69	19.71	19.63	20.50
		100	0	19.67	19.67	19.58	20.50

LTE Band 38 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.15	23.19	23.16	24.00
		1	13	22.69	22.62	22.64	24.00
		1	24	22.74	22.77	22.79	24.00
		12	0	21.94	21.89	21.98	23.00
		12	6	21.76	21.82	21.73	23.00
		12	13	21.75	21.81	21.91	23.00
		25	0	21.82	21.80	21.76	23.00
	16QAM	1	0	22.18	22.21	22.18	23.00
		1	13	22.25	22.15	22.22	23.00
		1	24	22.52	22.44	22.50	23.00
		12	0	21.08	21.02	21.08	22.00
		12	6	20.86	20.80	20.89	22.00
		12	13	20.82	20.89	20.90	22.00
		25	0	21.00	21.03	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
10MHz	QPSK	1	0	23.24	23.28	23.28	24.00
		1	25	22.66	22.70	22.62	24.00
		1	49	22.78	22.87	22.97	24.00
		25	0	21.92	21.85	21.91	23.00
		25	13	21.91	21.90	21.94	23.00
		25	25	21.98	21.88	21.90	23.00
		50	0	21.78	21.80	21.84	23.00
	16QAM	1	0	22.15	22.25	22.19	23.00
		1	25	22.20	22.19	22.23	23.00
		1	49	22.43	22.36	22.41	23.00
		25	0	21.01	21.01	20.93	22.00
		25	13	20.83	20.78	20.78	22.00
		25	25	20.76	20.82	20.74	22.00
		50	0	20.90	20.94	20.93	22.00
15MHz	QPSK	1	0	23.13	23.19	23.20	24.00
		1	38	22.71	22.80	22.89	24.00
		1	74	22.75	22.81	22.77	24.00
		36	0	21.92	21.95	21.86	23.00
		36	18	22.02	21.94	21.87	23.00
		36	39	21.79	21.88	21.92	23.00
		75	0	21.78	21.80	21.80	23.00
	16QAM	1	0	22.27	22.29	22.31	23.00
		1	38	22.30	22.27	22.36	23.00
		1	74	22.40	22.36	22.33	23.00
		36	0	20.95	20.93	20.88	22.00
		36	18	20.92	20.86	20.94	22.00
		36	39	20.99	20.89	20.80	22.00
		75	0	21.03	20.98	21.04	22.00
20MHz	QPSK	1	0	/	23.09	/	24.00
		1	50	/	22.74	/	24.00
		1	99	/	22.75	/	24.00
		50	0	/	21.93	/	23.00
		50	25	/	21.85	/	23.00
		50	50	/	21.84	/	23.00
		100	0	/	21.89	/	23.00
	16QAM	1	0	/	22.24	/	23.00
		1	50	/	22.28	/	23.00
		1	99	/	22.32	/	23.00
		50	0	/	20.89	/	22.00
		50	25	/	20.81	/	22.00
		50	50	/	20.90	/	22.00
		100	0	/	20.89	/	22.00

LTE Band 38 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	14.13	14.15	14.06	15.00
		1	13	13.63	13.59	13.57	15.00
		1	24	13.52	13.53	13.54	15.00
		12	0	13.77	13.81	13.91	15.00
		12	6	13.81	13.71	13.81	15.00
		12	13	13.94	13.92	13.83	15.00
		25	0	13.65	13.65	13.68	15.00
	16QAM	1	0	13.88	13.83	13.91	15.00
		1	13	13.72	13.64	13.56	15.00
		1	24	13.76	13.68	13.61	15.00
		12	0	13.80	13.70	13.70	15.00
		12	6	13.82	13.78	13.79	15.00
		12	13	13.59	13.59	13.69	15.00
		25	0	13.64	13.62	13.64	15.00
10MHz	QPSK	1	0	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.21	14.15	14.17	15.00

		1	25	13.64	13.60	13.59	15.00
		1	49	13.44	13.51	13.52	15.00
		25	0	13.72	13.76	13.83	15.00
		25	13	13.74	13.67	13.75	15.00
		25	25	13.85	13.86	13.93	15.00
		50	0	13.69	13.61	13.56	15.00
	16QAM	1	0	13.84	13.74	13.80	15.00
		1	25	13.56	13.61	13.52	15.00
		1	49	13.67	13.65	13.58	15.00
		25	0	13.70	13.73	13.76	15.00
		25	13	13.76	13.69	13.61	15.00
		25	25	13.69	13.65	13.63	15.00
		50	0	13.57	13.66	13.72	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	14.02	14.08	14.02	15.00
		1	38	13.74	13.65	13.61	15.00
		1	74	13.51	13.61	13.70	15.00
		36	0	13.82	13.83	13.84	15.00
		36	18	13.68	13.73	13.74	15.00
		36	39	13.88	13.85	13.93	15.00
		75	0	13.74	13.67	13.66	15.00
	16QAM	1	0	13.80	13.72	13.78	15.00
		1	38	13.79	13.71	13.66	15.00
		1	74	13.72	13.64	13.74	15.00
		36	0	13.86	13.81	13.72	15.00
		36	18	13.83	13.74	13.83	15.00
		36	39	13.67	13.71	13.68	15.00
		75	0	13.70	13.66	13.58	15.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 38000	Channel /	Tune up
20MHz	QPSK	1	0	/	14.09	/	15.00
		1	50	/	13.70	/	15.00
		1	99	/	13.69	/	15.00
		50	0	/	13.75	/	15.00
		50	25	/	13.69	/	15.00
		50	50	/	13.75	/	15.00
		100	0	/	13.77	/	15.00
	16QAM	1	0	/	13.76	/	15.00
		1	50	/	13.75	/	15.00
		1	99	/	13.70	/	15.00
		50	0	/	13.74	/	15.00
		50	25	/	13.74	/	15.00
		50	50	/	13.72	/	15.00
		100	0	/	13.72	/	15.00

LTE Band 40 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 38675	Channel 39150	Channel 39625	Tune up
5MHz	QPSK	1	0	23.21	23.50	23.68	24.00
		1	13	23.58	23.57	23.49	24.00
		1	24	23.49	23.36	23.18	24.00
		12	0	22.34	22.26	22.50	23.00
		12	6	22.32	22.50	22.43	23.00
		12	13	22.45	22.43	22.39	23.00
		25	0	22.53	22.45	22.28	23.00
	16QAM	1	0	22.46	22.47	22.80	23.00
		1	13	22.56	22.70	22.78	23.00
		1	24	22.34	22.55	22.45	23.00
		12	0	21.31	21.33	21.59	22.00
		12	6	21.40	21.90	21.32	22.00
		12	13	21.49	21.56	21.45	22.00
		25	0	21.60	21.59	21.33	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 38700	Channel 39150	Channel 39600	Tune up
10MHz	QPSK	1	0	23.36	23.57	23.58	24.00
		1	25	23.51	23.63	23.37	24.00
		1	49	23.45	23.41	23.22	24.00

		25	0	22.34	22.28	22.37	23.00
		25	13	22.30	22.48	22.32	23.00
		25	25	22.42	22.57	22.40	23.00
		50	0	22.48	22.47	22.42	23.00
	16QAM	1	0	22.43	22.41	22.86	23.00
		1	25	22.45	22.64	22.77	23.00
		1	49	22.36	22.50	22.35	23.00
		25	0	21.44	21.37	21.65	22.00
		25	13	21.48	21.81	21.31	22.00
		25	25	21.50	21.59	21.40	22.00
		50	0	21.55	21.64	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38725	39150	39575	
15MHz	QPSK	1	0	23.34	23.61	23.62	24.00
		1	38	23.61	23.68	23.38	24.00
		1	74	23.39	23.37	23.22	24.00
		36	0	22.34	22.32	22.47	23.00
		36	18	22.35	22.47	22.36	23.00
		36	39	22.41	22.51	22.41	23.00
		75	0	22.62	22.37	22.35	23.00
	16QAM	1	0	22.39	22.50	22.75	23.00
		1	38	22.43	22.79	22.82	23.00
		1	74	22.34	22.49	22.48	23.00
		36	0	21.36	21.37	21.66	22.00
		36	18	21.34	21.77	21.37	22.00
		36	39	21.57	21.55	21.43	22.00
		75	0	21.54	21.66	21.37	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	23.43	23.77	23.69	24.00
		1	50	23.71	23.74	23.55	24.00
		1	99	23.65	23.54	23.37	24.00
		50	0	22.45	22.60	22.58	23.00
		50	25	22.49	22.65	22.55	23.00
		50	50	22.58	22.60	22.58	23.00
		100	0	22.49	22.56	22.50	23.00
	16QAM	1	0	22.49	22.58	22.93	23.00
		1	50	22.70	22.86	22.97	23.00
		1	99	22.51	22.67	22.52	23.00
		50	0	21.50	21.50	21.72	22.00
		50	25	21.58	21.91	21.55	22.00
		50	50	21.64	21.66	21.54	22.00
		100	0	21.72	21.70	21.50	22.00

LTE Band 40 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	16.36	16.73	16.51	17.00
		1	13	16.53	16.71	16.46	17.00
		1	24	16.56	16.68	16.43	17.00
		12	0	16.59	16.60	16.40	17.00
		12	6	16.58	16.60	16.42	17.00
		12	13	16.66	16.70	16.43	17.00
		25	0	16.59	16.59	16.49	17.00
	16QAM	1	0	16.65	16.63	16.44	17.00
		1	13	16.67	16.59	16.42	17.00
		1	24	16.60	16.56	16.38	17.00
		12	0	16.61	16.63	16.44	17.00
		12	6	16.61	16.66	16.43	17.00
		12	13	16.54	16.57	16.36	17.00
		25	0	16.57	16.60	16.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38700	39150	39600	
10MHz	QPSK	1	0	16.35	16.67	16.54	17.00
		1	25	16.59	16.66	16.44	17.00
		1	49	16.59	16.60	16.45	17.00
		25	0	16.55	16.67	16.39	17.00
		25	13	16.66	16.56	16.46	17.00

	16QAM	25	25	16.67	16.66	16.44	17.00
		50	0	16.63	16.59	16.50	17.00
		1	0	16.62	16.65	16.41	17.00
		1	25	16.63	16.64	16.48	17.00
		1	49	16.58	16.56	16.42	17.00
		25	0	16.63	16.64	16.42	17.00
		25	13	16.58	16.62	16.47	17.00
		25	25	16.52	16.57	16.36	17.00
		50	0	16.56	16.63	16.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	38725	39150	39575	17.00
		1	38	16.37	16.73	16.52	17.00
		1	74	16.56	16.71	16.41	17.00
		36	0	16.61	16.67	16.47	17.00
		36	18	16.56	16.62	16.46	17.00
		36	39	16.59	16.56	16.43	17.00
		75	0	16.64	16.64	16.48	17.00
	16QAM	1	0	16.57	16.56	16.47	17.00
		1	38	16.59	16.66	16.45	17.00
		1	74	16.64	16.64	16.41	17.00
		36	0	16.63	16.62	16.37	17.00
		36	18	16.67	16.69	16.43	17.00
		36	39	16.56	16.68	16.49	17.00
		36	0	16.56	16.58	16.40	17.00
		75	0	16.61	16.63	16.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	38750	39150	39550	17.00
		1	50	16.44	16.80	16.65	17.00
		1	99	16.68	16.77	16.54	17.00
		50	0	16.69	16.75	16.58	17.00
		50	25	16.69	16.74	16.52	17.00
		50	50	16.72	16.69	16.56	17.00
		100	0	16.75	16.78	16.55	17.00
	16QAM	1	0	16.72	16.69	16.57	17.00
		1	50	16.72	16.73	16.52	17.00
		1	99	16.74	16.70	16.55	17.00
		50	0	16.69	16.71	16.50	17.00
		50	25	16.73	16.76	16.52	17.00
		50	50	16.68	16.75	16.57	17.00
		50	0	16.66	16.69	16.50	17.00
		100	0	16.70	16.74	16.58	17.00

LTE Band 41 2496 - 2690 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	22.57	22.94	23.21	22.92	23.05	24.00
		1	24	22.7	22.66	22.94	22.91	22.67	24.00
		12	0	22.75	22.67	22.8	22.92	22.58	24.00
		12	6	21.96	22.16	22.06	21.9	22.03	23.00
		12	13	21.95	22.17	22.22	21.78	22.11	23.00
		25	0	21.95	21.86	22.13	21.83	21.85	23.00
	16QAM	1	0	22.1	22.07	22.18	22.03	21.96	23.00
		1	13	22.21	22.03	22.25	22.35	21.95	23.00
		1	24	22.35	22.17	22.45	22.52	22.29	23.00
		12	0	22.13	22.45	22.51	22.31	22.38	23.00
		12	6	21.27	20.89	20.95	20.89	20.83	22.00
		12	13	20.89	20.79	21.13	21.02	20.74	22.00
		12	0	20.84	21.08	21.05	21.01	20.97	22.00
		25	0	20.78	20.75	21.23	21.21	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	24.00
		1	25	22.56	22.94	23.12	22.86	23.1	24.00
		1	49	22.68	22.71	22.96	22.88	22.73	24.00
		25	0	22.8	22.75	22.78	22.92	22.59	24.00
		25	13	22	22.06	22.1	21.95	21.93	23.00
		25	25	22.03	22.12	22.13	21.86	22.04	23.00
		50	0	21.92	21.84	22.03	21.87	21.75	23.00

	16QAM	1	0	22.29	22.13	22.21	22.35	21.97	23.00
		1	25	22.3	22.25	22.39	22.45	22.35	23.00
		1	49	22.23	22.51	22.61	22.37	22.33	23.00
		25	0	21.19	20.94	21.04	20.95	20.93	22.00
		25	13	20.87	20.85	21.12	21.08	20.67	22.00
		25	25	20.91	21.11	21.02	20.92	20.9	22.00
		50	0	20.73	20.83	21.15	21.18	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	22.64	23.01	23.06	22.81	23.12	24.00
		1	38	22.66	22.75	22.91	22.79	22.74	24.00
		1	74	22.71	22.75	22.77	22.85	22.68	24.00
		36	0	22	22	22.19	22.03	21.96	23.00
		36	18	21.97	22.09	22.21	21.94	22.06	23.00
		36	39	22.02	21.86	22.07	21.97	21.8	23.00
		75	0	22.08	22.01	22.11	22.01	22.04	23.00
	16QAM	1	0	22.37	22.23	22.31	22.34	21.99	23.00
		1	38	22.31	22.29	22.32	22.42	22.27	23.00
		1	74	22.3	22.43	22.58	22.41	22.27	23.00
		36	0	21.19	20.84	21.06	21.01	21	22.00
		36	18	20.87	20.78	21.02	21	20.7	22.00
		36	39	20.9	21.04	21.03	21.02	21	22.00
		75	0	20.83	20.9	21.24	21.2	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	22.73	22.93	23.15	22.83	23.02	24.00
		1	50	22.74	22.77	22.91	22.8	22.75	24.00
		1	99	22.78	22.69	22.78	22.82	22.73	24.00
		50	0	21.99	21.93	22.13	22.05	22	23.00
		50	25	21.89	22.03	22.14	21.95	22.02	23.00
		50	50	22.04	21.87	22.04	21.9	21.85	23.00
		100	0	22	21.98	22.07	22.06	21.98	23.00
	16QAM	1	0	22.33	22.23	22.39	22.24	22.09	23.00
		1	50	22.39	22.27	22.4	22.44	22.22	23.00
		1	99	22.35	22.34	22.49	22.43	22.34	23.00
		50	0	21.1	20.91	21.02	21.05	20.91	22.00
		50	25	20.82	20.81	20.94	20.94	20.73	22.00
		50	50	20.87	21.01	21.05	21.06	21	22.00
		100	0	20.93	20.93	21.14	21.1	20.95	22.00

LTE Band 41 2496 - 2690 sensor on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	13.7	14.09	14.22	13.95	14.1	15.00
		1	13	13.77	13.95	13.77	13.85	13.88	15.00
		1	24	13.69	13.96	13.95	14	13.72	15.00
		12	0	13.84	13.98	13.92	13.83	13.77	15.00
		12	6	13.71	13.67	13.8	13.85	13.77	15.00
		12	13	13.67	13.56	13.89	13.85	13.91	15.00
		25	0	13.87	13.65	14.14	13.96	13.76	15.00
	16QAM	1	0	13.74	13.85	13.75	13.67	13.73	15.00
		1	13	13.79	13.81	13.94	13.79	13.5	15.00
		1	24	13.71	13.64	13.75	13.95	13.63	15.00
		12	0	13.91	13.6	13.96	13.55	13.93	15.00
		12	6	13.56	13.76	13.89	13.87	13.81	15.00
		12	13	13.93	13.98	14.05	13.73	13.84	15.00
		25	0	13.86	13.69	13.97	13.91	13.67	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	13.66	14.05	14.21	13.87	14.17	15.00
		1	25	13.75	13.91	13.78	13.82	13.78	15.00
		1	49	13.73	13.86	13.94	13.9	13.72	15.00
		25	0	13.8	13.9	14	13.83	13.79	15.00
		25	13	13.72	13.7	13.73	13.82	13.72	15.00
		25	25	13.77	13.62	13.88	13.78	13.82	15.00
		50	0	13.82	13.66	14.14	13.86	13.75	15.00
	16QAM	1	0	13.64	13.82	13.79	13.67	13.66	15.00
		1	25	13.77	13.89	13.98	13.78	13.6	15.00

		1	49	13.75	13.6	13.72	13.98	13.7	15.00
		25	0	13.81	13.56	13.88	13.63	13.86	15.00
		25	13	13.65	13.77	13.87	13.79	13.79	15.00
		25	25	13.87	13.9	14.02	13.73	13.8	15.00
		50	0	13.85	13.73	13.93	13.9	13.73	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	13.75	13.95	14.27	13.78	14.13	15.00
		1	38	13.68	13.81	13.86	13.8	13.78	15.00
		1	74	13.64	13.82	13.92	13.81	13.78	15.00
		36	0	13.71	13.8	13.93	13.76	13.73	15.00
		36	18	13.69	13.71	13.82	13.77	13.78	15.00
		36	39	13.76	13.71	13.98	13.82	13.72	15.00
	16QAM	75	0	13.76	13.7	14.04	13.81	13.75	15.00
		1	0	13.69	13.79	13.89	13.68	13.76	15.00
		1	38	13.83	13.84	13.97	13.82	13.66	15.00
		1	74	13.68	13.7	13.8	13.91	13.67	15.00
		36	0	13.79	13.65	13.92	13.72	13.81	15.00
		36	18	13.72	13.78	13.93	13.86	13.7	15.00
		36	39	13.82	13.84	13.96	13.72	13.76	15.00
		75	0	13.83	13.83	13.99	13.9	13.7	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	13.63	13.84	14.18	13.69	13.98	15.00
		1	50	13.72	13.73	13.9	13.77	13.78	15.00
		1	99	13.72	13.77	13.9	13.84	13.72	15.00
		50	0	13.7	13.77	13.9	13.78	13.74	15.00
		50	25	13.73	13.74	13.87	13.81	13.75	15.00
		50	50	13.75	13.78	13.93	13.77	13.78	15.00
	16QAM	100	0	13.74	13.8	13.95	13.79	13.72	15.00
		1	0	13.72	13.76	13.89	13.78	13.72	15.00
		1	50	13.74	13.76	13.93	13.79	13.71	15.00
		1	99	13.77	13.73	13.87	13.84	13.77	15.00
		50	0	13.7	13.74	13.95	13.79	13.76	15.00
		50	25	13.76	13.8	13.9	13.8	13.75	15.00
		50	50	13.76	13.81	13.91	13.81	13.75	15.00
		100	0	13.76	13.79	13.89	13.81	13.74	15.00

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	23.13	23.09	23.18	24.00
		1	13	22.85	22.84	22.84	24.00
		1	24	22.99	22.91	22.84	24.00
		12	0	22.18	22.2	22.3	23.00
		12	6	22.13	22.11	22.18	23.00
		12	13	22.12	22.02	21.99	23.00
	16QAM	25	0	21.88	21.88	21.82	23.00
		1	0	22.47	22.43	22.45	23.00
		1	13	22.33	22.34	22.29	23.00
		1	24	22.61	22.6	22.69	23.00
		12	0	21.1	21.1	21.03	22.00
		12	6	20.94	20.86	20.79	22.00
10MHz	QPSK	12	13	20.85	20.95	21.04	22.00
		25	0	20.96	20.99	21.08	22.00
	16QAM	1	0	23.13	23.11	23.07	24.00
		1	25	22.73	22.8	22.77	24.00
		1	49	22.95	22.86	22.93	24.00
		25	0	22.07	22.14	22.13	23.00
	QPSK	25	13	22.02	22.08	22.01	23.00
		25	25	21.98	22	22.06	23.00
		50	0	22.05	21.97	21.96	23.00
	16QAM	1	0	22.4	22.36	22.39	23.00
		1	25	22.3	22.32	22.34	23.00
		1	49	22.48	22.53	22.46	23.00
		25	0	21.12	21.18	21.28	22.00

		25	13	20.75	20.85	20.92	22.00
		25	25	20.99	20.93	21	22.00
		50	0	21.05	21.03	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133297	/	
15MHz	QPSK	1	0	/	23.02	/	24.00
		1	38	/	22.78	/	24.00
		1	74	/	22.78	/	24.00
		36	0	/	22.07	/	23.00
		36	18	/	22.06	/	23.00
		36	39	/	22.1	/	23.00
		75	0	/	22.07	/	23.00
	16QAM	1	0	/	22.38	/	23.00
		1	38	/	22.36	/	23.00
		1	74	/	22.55	/	23.00
		36	0	/	21.12	/	22.00
		36	18	/	20.92	/	22.00
		36	39	/	20.97	/	22.00
		75	0	/	21.06	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	133322	/	
20MHz	QPSK	1	0	/	23.08	/	24.00
		1	50	/	22.79	/	24.00
		1	99	/	22.77	/	24.00
		50	0	/	22	/	23.00
		50	25	/	22.01	/	23.00
		50	50	/	22.03	/	23.00
		100	0	/	22.05	/	23.00
	16QAM	1	0	/	22.34	/	23.00
		1	50	/	22.37	/	23.00
		1	99	/	22.5	/	23.00
		50	0	/	21.03	/	22.00
		50	25	/	20.9	/	22.00
		50	50	/	21.07	/	22.00
		100	0	/	21.05	/	22.00

2 Conducted Power of WIFI and Bluetooth

2.1 Conducted Power of 2.4G WIFI

WIFI 2.4G sensor off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.40	19.00
	6	2437		18.00	19.00
	11	2462		18.34	19.00
802.11g	1	2412	6	17.81	18.00
	6	2437		17.25	18.00
	11	2462		17.58	18.00
802.11n HT20	1	2412	6.5	17.51	18.00
	6	2437		17.11	18.00
	11	2462		17.48	18.00
802.11n HT40	3	2422	13.5	16.81	18.00
	6	2437		17.56	18.00
	9	2452		17.00	18.00

WIFI 2.4G sensor on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.44	16.00
	6	2437		15.10	16.00
	11	2462		15.26	16.00
802.11g	1	2412	6	14.79	15.00
	6	2437		14.17	15.00
	11	2462		14.54	15.00
802.11n HT20	1	2412	6.5	14.52	15.00
	6	2437		14.14	15.00
	11	2462		14.39	15.00
802.11n HT40	3	2422	13.5	13.74	15.00
	6	2437		14.59	15.00
	9	2452		14.04	15.00

2.2 Conducted Power of 5G WIFI

WIFI 5G sensor off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	17.11	18.00
		40	5200	17.24	18.00
		48	5240	17.14	18.00
	802.11n HT20	36	5180	17.63	18.00
		40	5200	17.81	18.00
		48	5240	17.81	18.00
	802.11n HT40	38	5190	18.38	20.00
		46	5230	19.23	20.00
	802.11ac VHT20	36	5180	17.70	18.00
		40	5200	17.87	18.00
		48	5240	17.91	18.00
	802.11ac VHT40	38	5190	18.45	20.00
		46	5230	19.27	20.00
	802.11ac VHT80	42	5210	18.50	20.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	19.16	20.00
		60	5300	19.27	20.00
		64	5320	19.48	20.00
	802.11n HT20	52	5260	19.18	20.00
		60	5300	19.20	20.00
		64	5320	19.45	20.00
	802.11n HT40	54	5270	18.58	20.00
		62	5310	19.06	20.00
	802.11ac VHT20	52	5260	19.17	20.00
		60	5300	19.28	20.00
		64	5320	19.47	20.00
	802.11ac VHT40	54	5270	18.68	20.00
		62	5310	19.14	20.00
	802.11ac VHT80	58	5290	18.68	20.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	18.23	20.00
		116	5580	18.93	20.00
		140	5700	18.30	20.00
	802.11n HT20	100	5500	18.30	20.00
		116	5580	19.03	20.00
		140	5700	18.47	20.00
	802.11n HT40	102	5510	18.12	20.00
		110	5550	18.67	20.00
		134	5670	18.49	20.00
	802.11ac VHT20	100	5500	18.18	20.00
		116	5580	18.88	20.00
		140	5700	18.38	20.00
	802.11ac VHT40	102	5510	19.35	20.00
		110	5550	18.64	20.00
		134	5670	18.51	20.00
	802.11ac VHT80	106	5530	19.52	20.00
122		5610	18.65	20.00	
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	18.89	20.00
		157	5785	18.41	20.00
		165	5825	18.96	20.00
	802.11n HT20	149	5745	19.03	20.00
		157	5785	18.37	20.00
		165	5825	19.12	20.00
	802.11n HT40	151	5755	18.96	20.00
		159	5795	18.12	20.00
	802.11ac VHT20	149	5745	18.93	20.00
		157	5785	18.31	20.00
		165	5825	19.02	20.00
	802.11ac	151	5755	18.95	20.00

	VHT40	159	5795	18.17	20.00
	802.11ac VHT80	155	5775	18.86	20.00

WIFI 5G sensor on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	15.01	16.00
		40	5200	15.12	16.00
		48	5240	15.06	16.00
	802.11n HT20	36	5180	14.84	16.00
		40	5200	15.06	16.00
		48	5240	14.86	16.00
	802.11n HT40	38	5190	16.26	18.00
		46	5230	17.09	18.00
	802.11ac VHT20	36	5180	14.90	16.00
		40	5200	15.03	16.00
		48	5240	14.88	16.00
	802.11ac VHT40	38	5190	16.16	18.00
		46	5230	16.92	18.00
	802.11ac VHT80	42	5210	16.86	18.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-2A	802.11a	52	5260	17.07	18.00
		60	5300	17.03	18.00
		64	5320	17.11	18.00
	802.11n HT20	52	5260	16.96	18.00
		60	5300	17.04	18.00
		64	5320	17.06	18.00
	802.11n HT40	54	5270	16.44	18.00
		62	5310	16.90	18.00
	802.11ac VHT20	52	5260	17.02	18.00
		60	5300	17.01	18.00
		64	5320	17.05	18.00
	802.11ac VHT40	54	5270	16.31	18.00
		62	5310	16.74	18.00
	802.11ac VHT80	58	5290	17.11	18.00
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-2C	802.11a	100	5500	14.65	16.50
		116	5580	15.37	16.50
		140	5700	14.70	16.50
	802.11n HT20	100	5500	14.53	16.50
		116	5580	15.22	16.50
		140	5700	14.63	16.50
	802.11n HT40	102	5510	14.52	16.50
		110	5550	15.10	16.50
		134	5670	14.84	16.50
	802.11ac VHT20	100	5500	14.54	16.50
		116	5580	15.22	16.50
		140	5700	14.59	16.50
	802.11ac VHT40	102	5510	15.25	16.50
		110	5550	14.91	16.50
		134	5670	14.75	16.50
	802.11ac VHT80	106	5530	16.26	16.50
		122	5610	15.69	16.50
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz UNII-3	802.11a	149	5745	15.32	16.50
		157	5785	14.72	16.50
		165	5825	15.29	16.50
	802.11n HT20	149	5745	15.26	16.50
		157	5785	14.65	16.50
		165	5825	15.16	16.50
	802.11n HT40	151	5755	15.32	16.50
		159	5795	15.10	16.50
	802.11ac VHT20	149	5745	15.26	16.50
		157	5785	14.57	16.50

		165	5825	15.22	16.50
	802.11ac	151	5755	15.14	16.50
	VHT40	159	5795	14.97	16.50
	802.11ac	155	5775	15.96	16.50
	VHT80				

2.3 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	6.05	6.18	6.04	7.00
	$\pi/4$ DQPSK	6.89	7.09	6.86	8.00
	8DPSK	7.19	7.36	7.12	8.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.22	6.19	6.50	7.00
BLE 2M	GFSK	6.29	6.28	6.63	7.00

- End of the Appendix -