

Appendix E

Conducted RF Output Power

Measurement of RF Conducted Power

1 Conducted Power of Main Antenna (Ant0)

1.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel		128	190			128	190	251		
GSM(GMSK)	GSM	32.14	33.07	32.08	33.50	-9.19	22.95	23.88	22.89	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.22	33.12	32.12	33.50	-9.19	23.03	23.93	22.93	24.31
	2 TX Slots	30.35	30.21	30.04	31.00	-6.18	24.17	24.03	23.86	24.82
	3 TX Slots	28.64	28.82	28.55	29.50	-4.42	24.22	24.4	24.13	25.08
	4 TX Slots	27.34	27.39	27.38	28.00	-3.17	24.17	24.22	24.21	24.83
EGPRS(8PSK)	1 TX Slot	26.16	26.07	26.01	27.50	-9.19	16.97	16.88	16.82	18.31
	2 TX Slots	25.87	25.73	25.64	26.50	-6.18	19.69	19.55	19.46	20.32
	3 TX Slots	23.87	23.79	23.81	25.00	-4.42	19.45	19.37	19.39	20.58
	4 TX Slots	22.82	23.02	22.94	24.00	-3.17	19.65	19.85	19.77	20.83
GSM 1900										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel		512	661			512	661	810		
GSM(GMSK)	GSM	28.59	28.60	28.34	30.00	-9.19	19.4	19.41	19.15	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	28.55	28.26	28.25	30.00	-9.19	19.36	19.07	19.06	20.81
	2 TX Slots	26.66	26.54	26.35	27.50	-6.18	20.48	20.36	20.17	21.32
	3 TX Slots	25.62	25.47	25.25	26.00	-4.42	21.2	21.05	20.83	21.58
	4 TX Slots	24.52	24.54	24.08	25.00	-3.17	21.35	21.37	20.91	21.83
EGPRS(8PSK)	1 TX Slot	25.52	25.45	25.36	26.50	-9.19	16.33	16.26	16.17	17.31
	2 TX Slots	25.20	25.13	25.04	25.50	-6.18	19.02	18.95	18.86	19.32
	3 TX Slots	23.64	23.53	22.96	24.00	-4.42	19.22	19.11	18.54	19.58
	4 TX Slots	22.58	22.36	22.23	23.00	-3.17	19.41	19.19	19.06	19.83

Table 1 : Conducted Power of GSM

1.2 Conducted Power of WCDMA

WCDMA Band II Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.13	23.00	22.59	24.00
	12.2kbps AMR	23.06	22.96	22.54	24.00
HSDPA	Subtest 1	22.09	21.88	21.67	22.70
	Subtest 2	22.08	21.88	21.62	22.60
	Subtest 3	21.57	21.37	21.17	22.00
	Subtest 4	21.60	21.40	21.16	22.30
HSUPA	Subtest 1	22.03	21.78	21.63	22.60
	Subtest 2	20.07	19.85	19.63	20.60
	Subtest 3	21.03	20.81	20.67	21.60
	Subtest 4	20.01	19.86	19.66	20.50
DC-HSDPA	Subtest 5	22.00	21.80	21.70	22.70
	Subtest 1	21.94	21.73	21.52	22.70
	Subtest 2	21.94	21.74	21.48	22.60
	Subtest 3	21.42	21.22	21.02	22.00
HSPA+	Subtest 4	21.45	21.25	21.01	22.30
	16QAM	21.99	21.78	21.58	22.80
WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.08	21.22	21.12	22.00
	12.2kbps AMR	21.07	21.20	21.04	22.00
HSDPA	Subtest 1	20.06	19.85	19.71	20.70
	Subtest 2	20.1	19.92	19.6	20.60

	Subtest 3	19.57	19.35	19.14	20.00
	Subtest 4	19.57	19.4	19.15	20.30
HSUPA	Subtest 1	20.05	19.73	19.66	20.60
	Subtest 2	18.12	17.8	17.62	18.60
	Subtest 3	19.05	18.78	18.66	19.60
	Subtest 4	17.97	17.82	17.66	18.50
	Subtest 5	19.96	19.8	19.68	20.70
DC-HSDPA	Subtest 1	19.92	19.71	19.57	20.70
	Subtest 2	19.97	19.79	19.47	20.60
	Subtest 3	19.42	19.2	18.99	20.00
	Subtest 4	19.46	19.29	19.04	20.30
HSPA+	16QAM	19.81	19.74	19.55	20.80
WCDMA Band IV					
Average Conducted Power(dBm)					
	Channel	1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.75	22.87	22.97	24.00
	12.2kbps AMR	22.78	22.82	22.90	24.00
HSDPA	Subtest 1	22.06	22.29	22.25	22.70
	Subtest 2	22.07	22.29	22.25	22.60
	Subtest 3	21.54	21.81	21.75	22.00
	Subtest 4	21.6	21.77	21.75	22.30
HSUPA	Subtest 1	22.03	22.27	22.25	22.60
	Subtest 2	20.04	20.34	20.21	20.60
	Subtest 3	20.99	21.28	21.24	21.60
	Subtest 4	20.02	20.3	20.24	20.50
	Subtest 5	22	22.3	22.2	22.70
DC-HSDPA	Subtest 1	21.93	22.16	22.12	22.70
	Subtest 2	21.92	22.14	22.1	22.60
	Subtest 3	21.42	21.69	21.63	22.00
	Subtest 4	21.49	21.66	21.64	22.30
HSPA+	16QAM	21.86	21.89	21.98	22.80
WCDMA Band V					
Average Conducted Power(dBm)					
	Channel	4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.22	22.38	22.36	24.00
	12.2kbps AMR	22.16	22.29	22.28	24.00
HSDPA	Subtest 1	22.34	22.27	22.22	23.50
	Subtest 2	22.34	22.25	22.26	23.50
	Subtest 3	21.77	21.79	21.76	23.00
	Subtest 4	21.81	21.77	21.76	23.00
HSUPA	Subtest 1	22.31	22.25	22.17	22.50
	Subtest 2	20.26	20.22	20.24	21.50
	Subtest 3	21.27	21.24	21.24	22.00
	Subtest 4	20.28	20.23	20.23	21.50
	Subtest 5	22.3	22.2	22.2	22.80
DC-HSDPA	Subtest 1	22.19	22.12	22.07	23.50
	Subtest 2	22.22	22.13	22.14	23.50
	Subtest 3	21.66	21.68	21.65	23.00
	Subtest 4	21.7	21.66	21.65	23.00
HSPA+	16QAM	22.23	22.15	22.01	23.50

Table 2 : Conducted Power of WCDMA

1.3 Conducted Power of CDMA

CDMA BC0(850MHz)				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	23.21	24.02	23.64	24.50
1XRTT RC3 SO55	23.65	24.02	24.05	24.50
1XRTT RC3 SO32 (+ F-SCH)	23.10	23.80	23.42	24.50
1XRTT RC3 SO32 (+ SCH)	23.27	23.92	23.87	24.50
1XEVD0 RTAP 153.6Kbps	23.44	23.85	23.64	24.50
1XEVD0 RETAP 4096Bits	22.95	23.52	23.01	24.50
CDMA BC1(1900MHz)				
Average Conducted Power(dBm)				
Channel	25	600	1175	Tune up
1XRTT RC1 SO55	20.13	20.12	20.15	21.00
1XRTT RC3 SO55	20.16	20.17	20.17	21.00
1XRTT RC3 SO32 (+ F-SCH)	20.13	20.10	20.11	21.00
1XRTT RC3 SO32 (+ SCH)	20.08	20.15	20.21	21.00
1XEVD0 RTAP 153.6Kbps	20.15	20.08	20.12	21.00
1XEVD0 RETAP 4096Bits	20.16	20.16	20.18	21.00
CDMA BC10(835MHz)				
Average Conducted Power(dBm)				
Channel	476	580	684	Tune up
1XRTT RC1 SO55	23.67	23.66	23.73	24.50
1XRTT RC3 SO55	23.66	23.64	23.63	24.50
1XRTT RC3 SO32 (+ F-SCH)	23.65	23.65	23.78	24.50
1XRTT RC3 SO32 (+ SCH)	23.65	23.76	23.75	24.50
1XEVD0 RTAP 153.6Kbps	23.52	23.61	23.56	24.50
1XEVD0 RETAP 4096Bits	23.49	23.52	23.53	24.50

Table 3 : Conducted Power of CDMA

1.4 Conducted Power of LTE

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	22.42	22.40	22.21	24.00
		1	2	22.46	22.37	22.30	24.00
		1	5	22.50	22.29	22.02	24.00
		3	0	22.55	22.47	22.20	24.00
		3	2	22.61	22.41	22.19	24.00
		3	3	22.60	22.47	22.22	24.00
		6	0	21.58	21.44	21.26	23.00

	16QAM	1	0	22.06	21.74	21.40	23.00
		1	2	21.89	21.32	21.36	23.00
		1	5	21.81	21.68	21.65	23.00
		3	0	21.52	21.56	21.34	23.00
		3	2	21.46	21.49	21.27	23.00
		3	3	21.60	21.40	21.26	23.00
		6	0	20.63	20.56	20.36	22.00
	64QAM	1	0	20.63	20.53	20.32	22.00
		1	2	20.68	20.61	20.41	22.00
		1	5	20.63	20.49	20.29	22.00
		3	0	20.61	20.55	20.37	22.00
		3	2	20.68	20.55	20.41	22.00
		3	3	20.57	20.49	20.30	22.00
		6	0	19.66	19.54	19.29	21.00
	256QAM	1	0	17.37	17.59	17.66	19.00
		1	2	17.44	17.66	17.74	19.00
		1	5	17.24	17.60	17.64	19.00
		3	0	17.26	17.64	17.48	19.00
		3	2	17.47	17.60	17.78	19.00
		3	3	17.25	17.66	17.65	19.00
		6	0	17.32	17.68	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	22.64	22.65	22.33	24.00
		1	7	22.76	22.57	22.32	24.00
		1	14	22.55	22.56	22.20	24.00
		8	0	21.65	21.58	21.45	23.00
		8	4	21.68	21.57	21.31	23.00
		8	7	21.59	21.45	21.31	23.00
		15	0	21.55	21.43	21.39	23.00
	16QAM	1	0	21.79	21.73	21.76	23.00
		1	7	21.58	21.61	21.44	23.00
		1	14	22.02	21.87	21.44	23.00
		8	0	20.72	20.67	20.56	22.00
		8	4	20.62	20.53	20.57	22.00
		8	7	20.69	20.53	20.42	22.00
		15	0	20.75	20.62	20.36	22.00
	64QAM	1	0	20.62	20.49	20.54	22.00
		1	7	20.67	20.53	20.36	22.00
		1	14	20.69	20.63	20.32	22.00
		8	0	19.35	19.22	19.46	21.00
		8	4	19.12	19.19	19.04	21.00
		8	7	19.67	19.43	19.36	21.00
		15	0	19.79	19.43	19.22	21.00
	256QAM	1	0	17.38	17.55	17.69	19.00
		1	7	17.46	17.66	17.75	19.00
		1	14	17.23	17.63	17.61	19.00
		8	0	17.31	17.63	17.49	19.00
		8	4	17.41	17.55	17.78	19.00
		8	7	17.23	17.65	17.61	19.00
		15	0	17.33	17.66	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.76	22.57	22.43	24.00
		1	13	22.56	22.52	22.19	24.00

		1	24	22.58	22.42	22.14	24.00
		12	0	21.73	21.64	21.42	23.00
		12	6	21.76	21.58	21.42	23.00
		12	13	21.58	21.49	21.31	23.00
		25	0	21.69	21.62	21.32	23.00
	16QAM	1	0	21.95	21.95	21.50	23.00
		1	13	21.91	21.64	21.79	23.00
		1	24	21.81	21.76	21.43	23.00
		12	0	20.76	20.64	20.50	22.00
		12	6	20.68	20.58	20.47	22.00
		12	13	20.71	20.51	20.35	22.00
		25	0	20.74	20.68	20.32	22.00
	64QAM	1	0	20.64	20.51	20.51	22.00
		1	13	20.71	20.50	20.34	22.00
		1	24	20.72	20.66	20.37	22.00
		12	0	19.40	19.21	19.50	21.00
		12	6	19.17	19.15	19.02	21.00
		12	13	19.67	19.47	19.38	21.00
		25	0	19.81	19.43	19.22	21.00
	256QAM	1	0	17.38	17.54	17.70	19.00
		1	13	17.39	17.60	17.72	19.00
		1	24	17.21	17.64	17.62	19.00
		12	0	17.30	17.62	17.50	19.00
		12	6	17.42	17.57	17.78	19.00
		12	13	17.26	17.63	17.62	19.00
		25	0	17.27	17.62	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.62	22.84	22.51	24.00
		1	25	22.66	22.50	22.37	24.00
		1	49	22.58	22.54	22.36	24.00
		25	0	21.69	21.55	21.44	23.00
		25	13	21.69	21.58	21.43	23.00
		25	25	21.69	21.59	21.46	23.00
		50	0	21.77	21.56	21.51	23.00
	16QAM	1	0	22.32	21.53	21.47	23.00
		1	25	21.93	21.51	21.14	23.00
		1	49	21.81	22.00	21.27	23.00
		25	0	20.72	20.59	20.44	22.00
		25	13	20.74	20.61	20.53	22.00
		25	25	20.58	20.46	20.44	22.00
		50	0	20.72	20.54	20.49	22.00
	64QAM	1	0	20.67	20.45	20.54	22.00
		1	25	20.71	20.49	20.39	22.00
		1	49	20.66	20.59	20.37	22.00
		25	0	19.38	19.25	19.43	21.00
		25	13	19.16	19.20	19.09	21.00
		25	25	19.66	19.40	19.33	21.00
		50	0	19.84	19.48	19.24	21.00
	256QAM	1	0	17.35	17.61	17.67	19.00
		1	25	17.42	17.64	17.75	19.00
		1	49	17.23	17.64	17.63	19.00
		25	0	17.24	17.62	17.50	19.00
		25	13	17.48	17.56	17.75	19.00
		25	25	17.21	17.60	17.62	19.00

Bandwidth	Modulation	50	0	17.30	17.67	17.48	19.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.50	22.35	22.27	24.00
		1	38	22.47	22.33	22.23	24.00
		1	74	22.51	22.29	22.27	24.00
		36	0	21.60	21.37	21.34	23.00
		36	18	21.53	21.36	21.35	23.00
		36	39	21.65	21.40	21.42	23.00
		75	0	21.62	21.41	21.32	23.00
	16QAM	1	0	21.56	21.40	21.84	23.00
		1	38	21.98	21.39	21.74	23.00
		1	74	21.80	21.75	21.65	23.00
		36	0	20.56	20.32	20.32	22.00
		36	18	20.59	20.35	20.43	22.00
		36	39	20.52	20.37	20.38	22.00
		75	0	20.67	20.44	20.35	22.00
	64QAM	1	0	20.61	20.48	20.56	22.00
		1	38	20.63	20.56	20.36	22.00
		1	74	20.66	20.64	20.34	22.00
		36	0	19.34	19.23	19.47	21.00
		36	18	19.13	19.22	19.02	21.00
		36	39	19.68	19.41	19.33	21.00
		75	0	19.83	19.39	19.25	21.00
	256QAM	1	0	17.40	17.56	17.69	19.00
		1	38	17.44	17.60	17.74	19.00
		1	74	17.19	17.60	17.63	19.00
		36	0	17.30	17.60	17.55	19.00
		36	18	17.45	17.56	17.76	19.00
		36	39	17.28	17.60	17.65	19.00
		75	0	17.29	17.66	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.40	22.41	22.30	24.00
		1	50	22.36	22.31	22.06	24.00
		1	99	22.34	22.22	22.13	24.00
		50	0	21.58	21.45	21.39	23.00
		50	25	21.67	21.35	21.32	23.00
		50	50	21.42	21.41	21.31	23.00
		100	0	21.57	21.35	21.46	23.00
	16QAM	1	0	21.97	21.63	21.80	23.00
		1	50	21.89	21.65	21.84	23.00
		1	99	21.62	21.60	21.45	23.00
		50	0	20.52	20.47	20.35	22.00
		50	25	20.68	20.38	20.31	22.00
		50	50	20.61	20.49	20.41	22.00
		100	0	20.50	20.38	20.51	22.00
	64QAM	1	0	20.64	20.52	20.50	22.00
		1	50	20.63	20.53	20.37	22.00
		1	99	20.69	20.67	20.34	22.00
		50	0	19.32	19.20	19.48	21.00
		50	25	19.16	19.20	19.03	21.00
		50	50	19.71	19.44	19.34	21.00
		100	0	19.78	19.42	19.26	21.00
	256QAM	1	0	17.35	17.58	17.66	19.00

		1	50	17.42	17.60	17.79	19.00
		1	99	17.25	17.58	17.68	19.00
		50	0	17.28	17.58	17.54	19.00
		50	25	17.48	17.59	17.79	19.00
		50	50	17.24	17.66	17.66	19.00
		100	0	17.31	17.64	17.48	19.00

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	21.63	21.64	21.71	23.00
		1	2	21.76	21.64	21.72	23.00
		1	5	21.51	21.53	21.53	23.00
		3	0	21.66	21.62	21.62	23.00
		3	2	21.66	21.63	21.64	23.00
		3	3	21.57	21.58	21.61	23.00
		6	0	21.51	21.46	21.60	23.00
	16QAM	1	0	21.54	21.62	21.44	23.00
		1	2	21.56	21.60	21.73	23.00
		1	5	21.58	21.51	21.43	23.00
		3	0	21.61	21.43	21.62	23.00
		3	2	21.60	21.56	21.57	23.00
		3	3	21.30	21.37	21.48	23.00
		6	0	20.63	20.56	20.36	22.00
	64QAM	1	0	20.62	20.56	20.33	22.00
		1	2	20.67	20.53	20.39	22.00
		1	5	20.58	20.45	20.21	22.00
		3	0	20.54	20.53	20.37	22.00
		3	2	20.70	20.51	20.37	22.00
		3	3	20.49	20.49	20.30	22.00
		6	0	19.66	19.51	19.21	21.00
	256QAM	1	0	17.41	17.60	17.67	19.00
		1	2	17.43	17.64	17.77	19.00
		1	5	17.18	17.60	17.61	19.00
		3	0	17.26	17.59	17.50	19.00
		3	2	17.42	17.59	17.78	19.00
		3	3	17.22	17.64	17.62	19.00
		6	0	17.30	17.68	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.59	21.55	21.57	23.00
		1	7	21.36	21.79	21.56	23.00
		1	14	21.71	21.69	21.70	23.00
		8	0	21.32	21.53	21.51	23.00
		8	4	21.51	21.52	21.44	23.00
		8	7	21.61	21.50	21.62	23.00
		15	0	21.46	21.61	21.56	23.00
	16QAM	1	0	21.53	21.49	21.71	23.00
		1	7	21.69	21.45	21.38	23.00
		1	14	21.61	21.47	21.52	23.00
		8	0	20.72	20.67	20.56	22.00
		8	4	20.62	20.53	20.57	22.00
		8	7	20.69	20.53	20.42	22.00

	64QAM	15	0	20.75	20.62	20.36	22.00
		1	0	20.61	20.45	20.57	22.00
		1	7	20.63	20.56	20.34	22.00
		1	14	20.74	20.63	20.28	22.00
		8	0	19.35	19.21	19.46	21.00
		8	4	19.16	19.21	19.04	21.00
		8	7	19.69	19.43	19.33	21.00
		15	0	19.81	19.42	19.19	21.00
	256QAM	1	0	17.38	17.58	17.69	19.00
		1	7	17.45	17.59	17.76	19.00
		1	14	17.24	17.64	17.62	19.00
		8	0	17.27	17.60	17.50	19.00
		8	4	17.43	17.56	17.73	19.00
		8	7	17.28	17.66	17.66	19.00
		15	0	17.31	17.66	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.62	21.46	21.57	23.00
		1	13	21.44	21.64	21.57	23.00
		1	24	21.66	21.57	21.77	23.00
		12	0	21.38	21.47	21.50	23.00
		12	6	21.56	21.36	21.52	23.00
		12	13	21.53	21.43	21.51	23.00
		25	0	21.45	21.64	21.67	23.00
	16QAM	1	0	21.59	21.59	21.72	23.00
		1	13	21.66	21.33	21.35	23.00
		1	24	21.57	21.43	21.54	23.00
		12	0	20.76	20.64	20.50	22.00
		12	6	20.68	20.58	20.47	22.00
		12	13	20.71	20.51	20.35	22.00
		25	0	20.74	20.68	20.32	22.00
	64QAM	1	0	20.67	20.45	20.51	22.00
		1	13	20.69	20.56	20.35	22.00
		1	24	20.69	20.66	20.35	22.00
		12	0	19.40	19.19	19.44	21.00
		12	6	19.14	19.21	19.01	21.00
		12	13	19.69	19.48	19.33	21.00
		25	0	19.78	19.39	19.23	21.00
	256QAM	1	0	17.39	17.56	17.70	19.00
		1	13	17.44	17.60	17.76	19.00
		1	24	17.19	17.58	17.66	19.00
		12	0	17.31	17.64	17.55	19.00
		12	6	17.41	17.56	17.78	19.00
		12	13	17.23	17.60	17.68	19.00
		25	0	17.31	17.68	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.45	21.55	21.55	23.00
		1	25	21.46	21.79	21.60	23.00
		1	49	21.59	21.52	21.80	23.00
		25	0	21.49	21.39	21.61	23.00
		25	13	21.56	21.43	21.58	23.00
		25	25	21.48	21.46	21.53	23.00
		50	0	21.48	21.62	21.58	23.00
	16QAM	1	0	21.44	21.52	21.71	23.00

		1	25	21.71	21.31	21.51	23.00
		1	49	21.61	21.44	21.51	23.00
		25	0	20.72	20.59	20.44	22.00
		25	13	20.74	20.61	20.53	22.00
		25	25	20.58	20.46	20.44	22.00
		50	0	20.72	20.54	20.49	22.00
	64QAM	1	0	20.61	20.46	20.55	22.00
		1	25	20.72	20.52	20.34	22.00
		1	49	20.72	20.59	20.33	22.00
		25	0	19.32	19.20	19.49	21.00
		25	13	19.15	19.17	19.04	21.00
		25	25	19.65	19.45	19.40	21.00
	256QAM	50	0	19.80	19.40	19.20	21.00
		1	0	17.40	17.55	17.67	19.00
		1	25	17.42	17.60	17.78	19.00
		1	49	17.22	17.64	17.62	19.00
		25	0	17.27	17.64	17.50	19.00
		25	13	17.47	17.55	17.77	19.00
		25	25	17.27	17.60	17.67	19.00
		50	0	17.30	17.66	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.57	21.47	21.71	23.00
		1	38	21.42	21.73	21.49	23.00
		1	74	21.71	21.65	21.71	23.00
		36	0	21.44	21.57	21.55	23.00
		36	18	21.61	21.46	21.52	23.00
		36	39	21.60	21.42	21.62	23.00
		75	0	21.43	21.50	21.66	23.00
	16QAM	1	0	21.56	21.64	21.67	23.00
		1	38	21.65	21.44	21.36	23.00
		1	74	21.50	21.49	21.49	23.00
		36	0	20.56	20.32	20.32	22.00
		36	18	20.59	20.35	20.43	22.00
		36	39	20.52	20.37	20.38	22.00
		75	0	20.67	20.44	20.35	22.00
	64QAM	1	0	20.67	20.52	20.56	22.00
		1	38	20.72	20.53	20.37	22.00
		1	74	20.74	20.68	20.30	22.00
		36	0	19.33	19.25	19.51	21.00
		36	18	19.12	19.21	19.08	21.00
		36	39	19.70	19.47	19.36	21.00
		75	0	19.67	19.46	19.31	21.00
	256QAM	1	0	17.42	17.54	17.70	19.00
		1	38	17.43	17.62	17.72	19.00
		1	74	17.19	17.58	17.65	19.00
		36	0	17.27	17.63	17.50	19.00
		36	18	17.42	17.58	17.72	19.00
		36	39	17.21	17.61	17.66	19.00
		75	0	17.31	17.66	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.70	21.52	21.63	23.00
		1	50	21.44	21.69	21.59	23.00
		1	99	21.66	21.61	21.55	23.00

		50	0	21.54	21.49	21.42	23.00
		50	25	21.53	21.42	21.53	23.00
		50	50	21.51	21.52	21.53	23.00
		100	0	21.48	21.58	21.57	23.00
	16QAM	1	0	21.50	21.59	21.65	23.00
		1	50	21.61	21.37	21.45	23.00
		1	99	21.64	21.46	21.51	23.00
		50	0	20.52	20.47	20.35	22.00
		50	25	20.68	20.38	20.31	22.00
		50	50	20.61	20.49	20.41	22.00
		100	0	20.50	20.38	20.51	22.00
	64QAM	1	0	20.65	20.54	20.50	22.00
		1	50	20.70	20.51	20.33	22.00
		1	99	20.74	20.65	20.28	22.00
		50	0	19.39	19.21	19.51	21.00
		50	25	19.13	19.21	19.08	21.00
		50	50	19.70	19.39	19.36	21.00
		100	0	19.82	19.40	19.22	21.00
	256QAM	1	0	17.40	17.55	17.65	19.00
		1	50	17.40	17.66	17.75	19.00
		1	99	17.18	17.65	17.64	19.00
		50	0	17.29	17.62	17.51	19.00
		50	25	17.42	17.58	17.73	19.00
		50	50	17.24	17.63	17.65	19.00
		100	0	17.30	17.69	17.46	19.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.12	22.35	22.42	24.00
		1	2	22.19	22.51	22.41	24.00
		1	5	22.11	22.39	22.40	24.00
		3	0	22.12	22.41	22.44	24.00
		3	2	22.26	22.45	22.57	24.00
		3	3	22.20	22.38	22.46	24.00
		6	0	21.20	21.47	21.59	23.00
	16QAM	1	0	21.36	21.91	22.08	23.00
		1	2	21.72	22.00	21.72	23.00
		1	5	21.28	21.82	21.70	23.00
		3	0	21.10	21.52	21.53	23.00
		3	2	21.28	21.60	21.63	23.00
		3	3	21.24	21.39	21.59	23.00
		6	0	20.28	20.54	20.58	22.00
	64QAM	1	0	20.16	20.44	20.46	22.00
		1	2	20.15	20.43	20.46	22.00
		1	5	20.15	20.41	20.48	22.00
		3	0	20.18	20.48	20.45	22.00
		3	2	20.19	20.43	20.49	22.00
		3	3	20.15	20.48	20.52	22.00
		6	0	19.26	19.58	19.59	21.00
	256QAM	1	0	17.37	17.61	17.65	19.00
		1	2	17.39	17.64	17.73	19.00
		1	5	17.24	17.59	17.64	19.00

		3	0	17.27	17.65	17.55	19.00
		3	2	17.48	17.55	17.73	19.00
		3	3	17.26	17.59	17.62	19.00
		6	0	17.28	17.69	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.22	22.43	22.54	24.00
		1	7	22.25	22.53	22.40	24.00
		1	14	22.20	22.51	22.50	24.00
		8	0	21.29	21.56	21.66	23.00
		8	4	21.38	21.52	21.62	23.00
		8	7	21.38	21.55	21.60	23.00
		15	0	21.27	21.52	21.63	23.00
	16QAM	1	0	21.64	21.69	21.57	23.00
		1	7	21.66	21.36	21.57	23.00
		1	14	21.54	21.64	22.02	23.00
		8	0	20.42	20.51	20.62	22.00
		8	4	20.39	20.69	20.73	22.00
		8	7	20.36	20.67	20.77	22.00
		15	0	20.30	20.58	20.55	22.00
	64QAM	1	0	20.42	20.70	20.77	22.00
		1	7	20.34	20.69	20.74	22.00
		1	14	20.26	20.61	20.53	22.00
		8	0	19.32	19.61	19.60	21.00
		8	4	19.46	19.72	19.82	21.00
		8	7	19.34	19.71	19.77	21.00
		15	0	19.28	19.65	19.58	21.00
	256QAM	1	0	17.37	17.59	17.67	19.00
		1	7	17.42	17.66	17.78	19.00
		1	14	17.24	17.64	17.67	19.00
		8	0	17.28	17.61	17.55	19.00
		8	4	17.45	17.61	17.76	19.00
		8	7	17.23	17.64	17.61	19.00
		15	0	17.33	17.62	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.27	22.39	22.55	24.00
		1	13	22.23	22.41	22.64	24.00
		1	24	22.20	22.52	22.58	24.00
		12	0	21.40	21.59	21.73	23.00
		12	6	21.40	21.54	21.65	23.00
		12	13	21.38	21.58	21.70	23.00
		25	0	21.31	21.56	21.66	23.00
	16QAM	1	0	21.93	21.66	22.19	23.00
		1	13	21.58	22.21	21.67	23.00
		1	24	21.42	21.77	22.14	23.00
		12	0	20.43	20.58	20.82	22.00
		12	6	20.39	20.54	20.68	22.00
		12	13	20.36	20.63	20.65	22.00
		25	0	20.42	20.58	20.68	22.00
	64QAM	1	0	20.47	20.70	20.81	22.00
		1	13	20.39	20.67	20.72	22.00
		1	24	20.22	20.57	20.51	22.00
		12	0	19.28	19.62	19.61	21.00
		12	6	19.46	19.71	19.83	21.00

	256QAM	12	13	19.29	19.68	19.72	21.00
		25	0	19.32	19.63	19.63	21.00
		1	0	17.36	17.54	17.70	19.00
		1	13	17.41	17.64	17.75	19.00
		1	24	17.18	17.58	17.63	19.00
		12	0	17.30	17.64	17.48	19.00
		12	6	17.43	17.57	17.75	19.00
		12	13	17.23	17.62	17.63	19.00
		25	0	17.29	17.68	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.23	22.65	22.51	24.00
		1	25	22.24	22.51	22.62	24.00
		1	49	22.22	22.64	22.79	24.00
		25	0	21.38	21.56	21.71	23.00
		25	13	21.32	21.64	21.71	23.00
		25	25	21.38	21.67	21.72	23.00
		50	0	21.33	21.57	21.59	23.00
	16QAM	1	0	21.21	21.77	22.17	23.00
		1	25	21.33	21.62	21.78	23.00
		1	49	21.67	21.48	21.79	23.00
		25	0	20.33	20.60	20.72	22.00
		25	13	20.38	20.66	20.67	22.00
		25	25	20.37	20.71	20.75	22.00
		50	0	20.33	20.59	20.67	22.00
	64QAM	1	0	20.38	20.70	20.76	22.00
		1	25	20.36	20.71	20.73	22.00
		1	49	20.27	20.64	20.57	22.00
		25	0	19.37	19.57	19.62	21.00
		25	13	19.41	19.73	19.77	21.00
		25	25	19.35	19.75	19.78	21.00
		50	0	19.27	19.67	19.56	21.00
	256QAM	1	0	17.39	17.54	17.69	19.00
		1	25	17.41	17.62	17.72	19.00
		1	49	17.24	17.60	17.68	19.00
		25	0	17.27	17.60	17.54	19.00
		25	13	17.46	17.61	17.76	19.00
		25	25	17.25	17.66	17.65	19.00
		50	0	17.31	17.69	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.27	22.30	22.39	24.00
		1	38	22.18	22.31	22.41	24.00
		1	74	22.28	22.37	22.36	24.00
		36	0	21.14	21.43	21.52	23.00
		36	18	21.23	21.44	21.45	23.00
		36	39	21.24	21.40	21.57	23.00
		75	0	21.26	21.39	21.39	23.00
	16QAM	1	0	21.28	21.41	21.43	23.00
		1	38	21.71	21.89	21.63	23.00
		1	74	21.85	21.88	21.98	23.00
		36	0	20.28	20.44	20.52	22.00
		36	18	20.41	20.45	20.55	22.00
		36	39	20.35	20.51	20.48	22.00
		75	0	20.30	20.41	20.39	22.00

	64QAM	1	0	20.45	20.72	20.77	22.00
		1	38	20.31	20.65	20.70	22.00
		1	74	20.27	20.63	20.51	22.00
		36	0	19.27	19.56	19.56	21.00
		36	18	19.42	19.67	19.85	21.00
		36	39	19.34	19.73	19.81	21.00
		75	0	19.31	19.65	19.55	21.00
	256QAM	1	0	17.38	17.61	17.66	19.00
		1	38	17.44	17.64	17.72	19.00
		1	74	17.19	17.65	17.67	19.00
		36	0	17.29	17.58	17.51	19.00
		36	18	17.45	17.54	17.79	19.00
		36	39	17.27	17.62	17.63	19.00
		75	0	17.27	17.67	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.33	22.44	22.45	24.00
		1	50	22.18	22.35	22.31	24.00
		1	99	22.29	22.22	22.37	24.00
		50	0	21.29	21.37	21.43	23.00
		50	25	21.35	21.44	21.47	23.00
		50	50	21.42	21.54	21.36	23.00
		100	0	21.28	21.41	21.51	23.00
	16QAM	1	0	21.80	21.87	21.76	23.00
		1	50	21.22	21.48	21.62	23.00
		1	99	21.87	21.87	22.00	23.00
		50	0	20.25	20.41	20.48	22.00
		50	25	20.32	20.31	20.53	22.00
		50	50	20.33	20.49	20.50	22.00
		100	0	20.28	20.47	20.42	22.00
	64QAM	1	0	20.38	20.68	20.79	22.00
		1	50	20.38	20.72	20.79	22.00
		1	99	20.28	20.57	20.49	22.00
		50	0	19.37	19.60	19.64	21.00
		50	25	19.46	19.73	19.86	21.00
		50	50	19.30	19.71	19.75	21.00
		100	0	19.33	19.67	19.61	21.00
	256QAM	1	0	17.41	17.58	17.70	19.00
		1	50	17.41	17.62	17.74	19.00
		1	99	17.21	17.65	17.67	19.00
		50	0	17.27	17.63	17.49	19.00
		50	25	17.48	17.56	17.72	19.00
		50	50	17.24	17.62	17.68	19.00
		100	0	17.31	17.65	17.52	19.00

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.90	22.69	22.76	24.00
		1	2	22.60	22.89	22.52	24.00
		1	5	22.60	22.78	22.71	24.00
		3	0	22.50	22.82	22.51	24.00
		3	2	22.54	22.97	22.13	24.00

		3	3	22.47	22.97	22.88	24.00
		6	0	21.57	21.84	21.36	23.00
	16QAM	1	0	21.89	22.24	21.88	23.00
		1	2	22.12	22.55	21.82	23.00
		1	5	21.78	21.75	21.97	23.00
		3	0	21.43	21.91	21.68	23.00
		3	2	21.56	21.91	21.40	23.00
		3	3	21.65	21.98	21.12	23.00
		6	0	20.66	20.84	20.49	22.00
		6	0	20.66	20.84	20.49	22.00
	64QAM	1	0	20.14	20.43	20.48	22.00
		1	2	20.17	20.42	20.51	22.00
		1	5	20.13	20.45	20.43	22.00
		3	0	20.18	20.44	20.42	22.00
		3	2	20.24	20.40	20.54	22.00
		3	3	20.14	20.49	20.48	22.00
		6	0	19.23	19.60	19.63	21.00
		6	0	19.23	19.60	19.63	21.00
	256QAM	1	0	17.40	17.55	17.63	19.00
		1	2	17.43	17.59	17.74	19.00
		1	5	17.19	17.62	17.63	19.00
		3	0	17.28	17.62	17.53	19.00
		3	2	17.48	17.57	17.77	19.00
		3	3	17.28	17.66	17.66	19.00
		6	0	17.33	17.63	17.47	19.00
		6	0	17.33	17.63	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.95	22.92	22.89	24.00
		1	7	22.90	22.88	22.87	24.00
		1	14	22.92	22.87	22.07	24.00
		8	0	21.91	21.91	22.01	23.00
		8	4	21.94	22.08	22.01	23.00
		8	7	22.02	22.07	21.80	23.00
		15	0	21.93	21.91	21.93	23.00
		15	0	21.93	21.91	21.93	23.00
	16QAM	1	0	21.92	21.96	22.28	23.00
		1	7	21.74	22.28	22.43	23.00
		1	14	22.62	22.05	21.21	23.00
		8	0	20.94	21.05	21.10	22.00
		8	4	21.02	21.07	20.94	22.00
		8	7	21.13	21.11	20.94	22.00
		15	0	21.03	21.00	21.01	22.00
		15	0	21.03	21.00	21.01	22.00
	64QAM	1	0	20.33	20.72	20.76	22.00
		1	7	20.35	20.69	20.75	22.00
		1	14	20.26	20.56	20.52	22.00
		8	0	19.35	19.60	19.61	21.00
		8	4	19.45	19.76	19.89	21.00
		8	7	19.29	19.70	19.80	21.00
		15	0	19.36	19.66	19.58	21.00
		15	0	19.36	19.66	19.58	21.00
	256QAM	1	0	17.35	17.58	17.63	19.00
		1	7	17.42	17.63	17.77	19.00
		1	14	17.20	17.58	17.66	19.00
		8	0	17.25	17.58	17.53	19.00
		8	4	17.47	17.54	17.75	19.00
		8	7	17.25	17.60	17.63	19.00
		15	0	17.28	17.64	17.46	19.00
		15	0	17.28	17.64	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	

5MHz	QPSK	1	0	23.06	22.87	22.32	24.00
		1	13	22.99	22.83	22.92	24.00
		1	24	22.86	22.87	22.05	24.00
		12	0	22.00	21.92	21.63	23.00
		12	6	22.05	22.02	21.94	23.00
		12	13	22.05	22.08	21.93	23.00
		25	0	22.10	21.96	21.80	23.00
	16QAM	1	0	21.84	22.31	21.44	23.00
		1	13	22.45	22.33	22.48	23.00
		1	24	22.54	22.64	21.18	23.00
		12	0	21.01	21.04	20.67	22.00
		12	6	21.06	21.05	20.98	22.00
		12	13	21.01	21.09	21.02	22.00
		25	0	21.17	21.01	20.82	22.00
	64QAM	1	0	20.42	20.70	20.76	22.00
		1	13	20.33	20.70	20.77	22.00
		1	24	20.29	20.56	20.50	22.00
		12	0	19.40	19.56	19.59	21.00
		12	6	19.50	19.74	19.90	21.00
		12	13	19.30	19.68	19.80	21.00
		25	0	19.37	19.70	19.60	21.00
	256QAM	1	0	17.35	17.58	17.64	19.00
		1	13	17.45	17.60	17.75	19.00
		1	24	17.23	17.63	17.63	19.00
		12	0	17.31	17.61	17.55	19.00
		12	6	17.45	17.59	17.77	19.00
		12	13	17.25	17.65	17.67	19.00
		25	0	17.27	17.66	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.91	23.20	22.67	24.00
		1	25	23.23	22.82	23.90	24.00
		1	49	23.12	22.73	22.12	24.00
		25	0	21.93	21.99	21.96	23.00
		25	13	22.12	22.16	21.23	23.00
		25	25	22.02	22.12	21.67	23.00
		50	0	22.19	22.09	21.41	23.00
	16QAM	1	0	21.90	22.16	22.19	23.00
		1	25	21.99	22.51	22.71	23.00
		1	49	22.65	22.08	21.76	23.00
		25	0	20.97	21.03	20.77	22.00
		25	13	21.08	21.10	20.27	22.00
		25	25	20.99	21.13	20.67	22.00
		50	0	21.14	20.98	20.43	22.00
	64QAM	1	0	20.38	20.71	20.83	22.00
		1	25	20.36	20.75	20.83	22.00
		1	49	20.31	20.60	20.49	22.00
		25	0	19.40	19.55	19.61	21.00
		25	13	19.48	19.71	19.90	21.00
		25	25	19.30	19.74	19.70	21.00
		50	0	19.30	19.68	19.57	21.00
	256QAM	1	0	17.35	17.55	17.66	19.00
		1	25	17.40	17.66	17.78	19.00
		1	49	17.22	17.60	17.63	19.00
		25	0	17.30	17.63	17.51	19.00

		25	13	17.42	17.54	17.78	19.00
		25	25	17.27	17.59	17.61	19.00
		50	0	17.30	17.69	17.47	19.00

LTE Band 7 sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.64	22.44	22.68	24.00
		1	13	22.67	22.57	22.69	24.00
		1	24	22.63	22.65	22.66	24.00
		12	0	21.59	21.57	21.68	23.00
		12	6	21.69	21.71	21.75	23.00
		12	13	21.78	21.74	21.76	23.00
		25	0	21.72	21.63	21.70	23.00
	16QAM	1	0	21.70	21.69	21.93	23.00
		1	13	21.91	21.63	21.77	23.00
		1	24	22.20	22.16	21.96	23.00
		12	0	20.56	20.58	20.66	22.00
		12	6	20.73	20.69	20.77	22.00
		12	13	20.78	20.79	20.81	22.00
		25	0	20.62	20.70	20.67	22.00
	64QAM	1	0	20.38	20.64	20.76	22.00
		1	13	20.38	20.72	20.82	22.00
		1	24	20.24	20.53	20.47	22.00
		12	0	19.41	19.57	19.67	21.00
		12	6	19.44	19.73	19.81	21.00
		12	13	19.30	19.75	19.78	21.00
		25	0	19.30	19.63	19.66	21.00
	256QAM	1	0	17.39	17.54	17.65	19.00
		1	13	17.41	17.63	17.78	19.00
		1	24	17.19	17.58	17.63	19.00
		12	0	17.29	17.58	17.51	19.00
		12	6	17.48	17.58	17.74	19.00
		12	13	17.25	17.61	17.67	19.00
		25	0	17.28	17.67	17.46	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.65	22.46	22.45	24.00
		1	25	22.61	22.67	22.57	24.00
		1	49	22.78	22.39	22.81	24.00
		25	0	21.71	21.58	21.64	23.00
		25	13	21.78	21.72	21.77	23.00
		25	25	21.73	21.82	21.75	23.00
		50	0	21.75	21.69	21.69	23.00
	16QAM	1	0	21.81	22.14	22.13	23.00
		1	25	21.91	21.88	22.05	23.00
		1	49	21.97	21.82	21.87	23.00
		25	0	20.71	20.70	20.59	22.00
		25	13	20.80	20.68	20.81	22.00
		25	25	20.74	20.80	20.65	22.00
		50	0	20.74	20.69	20.69	22.00
	64QAM	1	0	20.43	20.73	20.76	22.00
		1	25	20.33	20.77	20.74	22.00

		1	49	20.29	20.57	20.45	22.00
		25	0	19.32	19.59	19.65	21.00
		25	13	19.44	19.72	19.88	21.00
		25	25	19.25	19.69	19.74	21.00
		50	0	19.37	19.72	19.59	21.00
	256QAM	1	0	17.42	17.58	17.70	19.00
		1	25	17.45	17.61	17.76	19.00
		1	49	17.24	17.58	17.65	19.00
		25	0	17.31	17.63	17.48	19.00
		25	13	17.47	17.60	17.78	19.00
		25	25	17.26	17.59	17.65	19.00
		50	0	17.33	17.63	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.32	22.33	22.32	24.00
		1	38	22.50	22.42	22.45	24.00
		1	74	22.55	22.62	22.38	24.00
		36	0	21.49	21.52	21.52	23.00
		36	18	21.55	21.49	21.59	23.00
		36	39	21.65	21.59	21.64	23.00
		75	0	21.63	21.61	21.53	23.00
	16QAM	1	0	21.83	21.93	21.61	23.00
		1	38	22.02	21.78	21.69	23.00
		1	74	21.49	22.17	21.99	23.00
		36	0	20.63	20.55	20.46	22.00
		36	18	20.56	20.55	20.62	22.00
		36	39	20.55	20.65	20.62	22.00
		75	0	20.58	20.55	20.62	22.00
	64QAM	1	0	20.36	20.68	20.81	22.00
		1	38	20.39	20.73	20.80	22.00
		1	74	20.25	20.60	20.44	22.00
		36	0	19.41	19.56	19.66	21.00
		36	18	19.51	19.75	19.83	21.00
		36	39	19.35	19.69	19.76	21.00
		75	0	19.36	19.68	19.57	21.00
	256QAM	1	0	17.39	17.60	17.67	19.00
		1	38	17.44	17.60	17.77	19.00
		1	74	17.20	17.59	17.64	19.00
		36	0	17.28	17.65	17.53	19.00
		36	18	17.46	17.55	17.79	19.00
		36	39	17.25	17.60	17.63	19.00
		75	0	17.28	17.64	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.29	22.43	22.40	24.00
		1	50	22.53	22.48	22.37	24.00
		1	99	22.48	22.55	22.49	24.00
		50	0	21.42	21.36	21.50	23.00
		50	25	21.67	21.46	21.58	23.00
		50	50	21.66	21.63	21.60	23.00
		100	0	21.56	21.48	21.47	23.00
	16QAM	1	0	21.55	21.61	21.51	23.00
		1	50	21.37	21.70	21.61	23.00
		1	99	21.64	21.78	21.87	23.00
		50	0	20.46	20.37	20.47	22.00



		50	25	20.50	20.47	20.46	22.00
		50	50	20.63	20.59	20.65	22.00
		100	0	20.69	20.62	20.49	22.00
	64QAM	1	0	20.40	20.63	20.77	22.00
		1	50	20.38	20.72	20.75	22.00
		1	99	20.33	20.59	20.52	22.00
		50	0	19.39	19.65	19.61	21.00
		50	25	19.43	19.71	19.83	21.00
		50	50	19.35	19.73	19.76	21.00
		100	0	19.30	19.69	19.62	21.00
	256QAM	1	0	17.37	17.59	17.70	19.00
		1	50	17.44	17.60	17.74	19.00
		1	99	17.23	17.59	17.65	19.00
		50	0	17.28	17.63	17.52	19.00
		50	25	17.47	17.57	17.75	19.00
		50	50	17.23	17.59	17.63	19.00
		100	0	17.33	17.62	17.47	19.00

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	20.68	20.72	20.70	22.00
		1	13	20.83	20.84	20.79	22.00
		1	24	20.74	20.76	20.83	22.00
		12	0	20.75	20.80	20.81	22.00
		12	6	20.81	20.89	20.90	22.00
		12	13	20.89	20.81	20.90	22.00
		25	0	20.84	20.78	20.86	22.00
	16QAM	1	0	20.94	21.05	21.06	22.00
		1	13	21.08	21.14	21.15	22.00
		1	24	21.10	21.11	21.11	22.00
		12	0	20.54	20.58	20.57	22.00
		12	6	20.62	20.65	20.70	22.00
		12	13	20.66	20.66	20.73	22.00
		25	0	20.61	20.61	20.62	22.00
	64QAM	1	0	20.43	20.63	20.78	22.00
		1	13	20.34	20.67	20.79	22.00
		1	24	20.29	20.60	20.54	22.00
		12	0	19.37	19.56	19.67	21.00
		12	6	19.47	19.68	19.86	21.00
		12	13	19.28	19.73	19.79	21.00
		25	0	19.28	19.67	19.64	21.00
	256QAM	1	0	17.36	17.61	17.64	19.00
		1	13	17.45	17.62	17.74	19.00
		1	24	17.23	17.64	17.68	19.00
		12	0	17.28	17.61	17.54	19.00
		12	6	17.43	17.58	17.74	19.00
		12	13	17.26	17.59	17.64	19.00
		25	0	17.33	17.68	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.63	20.75	20.72	22.00
		1	25	20.76	20.71	20.81	22.00
		1	49	20.78	20.79	20.84	22.00
		25	0	20.80	20.84	20.84	22.00
		25	13	20.88	20.79	20.90	22.00
		25	25	20.84	20.79	20.90	22.00
		50	0	20.85	20.78	20.83	22.00
	16QAM	1	0	20.99	20.93	20.98	22.00
		1	25	21.04	20.96	21.01	22.00
		1	49	21.16	21.16	21.19	22.00
		25	0	20.63	20.63	20.68	22.00
		25	13	20.70	20.59	20.71	22.00
		25	25	20.66	20.62	20.72	22.00
		50	0	20.63	20.59	20.67	22.00
	64QAM	1	0	20.33	20.65	20.83	22.00
		1	25	20.39	20.76	20.76	22.00
		1	49	20.25	20.61	20.46	22.00
		25	0	19.32	19.64	19.59	21.00
		25	13	19.46	19.74	19.88	21.00

	256QAM	25	25	19.26	19.70	19.76	21.00
		50	0	19.32	19.72	19.60	21.00
		1	0	17.35	17.60	17.68	19.00
		1	25	17.39	17.62	17.73	19.00
		1	49	17.21	17.59	17.65	19.00
		25	0	17.24	17.58	17.48	19.00
		25	13	17.46	17.54	17.74	19.00
		25	25	17.26	17.60	17.64	19.00
		50	0	17.32	17.64	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.46	20.55	20.57	22.00
		1	38	20.58	20.58	20.61	22.00
		1	74	20.67	20.67	20.69	22.00
		36	0	20.71	20.69	20.72	22.00
		36	18	20.75	20.68	20.79	22.00
		36	39	20.80	20.71	20.81	22.00
		75	0	20.77	20.68	20.81	22.00
	16QAM	1	0	20.88	20.73	20.88	22.00
		1	38	20.89	20.86	20.92	22.00
		1	74	20.98	21.00	21.10	22.00
		36	0	20.47	20.50	20.52	22.00
		36	18	20.58	20.48	20.59	22.00
		36	39	20.56	20.52	20.58	22.00
		75	0	20.57	20.51	20.59	22.00
	64QAM	1	0	20.41	20.64	20.74	22.00
		1	38	20.33	20.68	20.84	22.00
		1	74	20.23	20.61	20.47	22.00
		36	0	19.34	19.61	19.66	21.00
		36	18	19.49	19.74	19.90	21.00
		36	39	19.26	19.75	19.80	21.00
		75	0	19.34	19.67	19.56	21.00
	256QAM	1	0	17.35	17.60	17.65	19.00
		1	38	17.46	17.61	17.78	19.00
		1	74	17.24	17.63	17.65	19.00
		36	0	17.30	17.63	17.49	19.00
		36	18	17.44	17.57	17.79	19.00
		36	39	17.24	17.62	17.62	19.00
		75	0	17.33	17.68	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.50	20.46	20.53	22.00
		1	50	20.58	20.53	20.60	22.00
		1	99	20.68	20.71	20.70	22.00
		50	0	20.69	20.71	20.74	22.00
		50	25	20.81	20.70	20.77	22.00
		50	50	20.80	20.74	20.79	22.00
		100	0	20.80	20.69	20.79	22.00
	16QAM	1	0	20.73	20.71	20.92	22.00
		1	50	20.92	20.92	20.93	22.00
		1	99	20.96	20.96	21.08	22.00
		50	0	20.54	20.51	20.55	22.00
		50	25	20.57	20.48	20.62	22.00
		50	50	20.61	20.52	20.56	22.00
		100	0	20.57	20.51	20.60	22.00

	64QAM	1	0	20.33	20.68	20.83	22.00
		1	50	20.37	20.67	20.76	22.00
		1	99	20.26	20.54	20.47	22.00
		50	0	19.37	19.55	19.59	21.00
		50	25	19.49	19.71	19.86	21.00
		50	50	19.26	19.72	19.72	21.00
		100	0	19.37	19.65	19.57	21.00
	256QAM	1	0	17.41	17.54	17.70	19.00
		1	50	17.44	17.60	17.72	19.00
		1	99	17.23	17.65	17.68	19.00
		50	0	17.28	17.65	17.52	19.00
		50	25	17.46	17.57	17.72	19.00
		50	50	17.27	17.62	17.68	19.00
		100	0	17.28	17.68	17.52	19.00

LTE Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.74	22.74	22.72	24.00
		1	2	22.86	22.81	22.54	24.00
		1	5	22.73	22.77	22.96	24.00
		3	0	22.81	22.82	22.56	24.00
		3	2	22.88	22.91	22.31	24.00
		3	3	22.79	22.68	22.11	24.00
		6	0	21.90	21.86	21.39	23.00
	16QAM	1	0	22.24	22.05	22.29	23.00
		1	2	22.48	22.02	22.09	23.00
		1	5	21.80	22.20	21.55	23.00
		3	0	21.98	21.75	21.54	23.00
		3	2	21.95	21.87	21.29	23.00
		3	3	21.94	21.89	21.31	23.00
		6	0	20.92	21.04	20.50	22.00
	64QAM	1	0	20.14	20.40	20.43	22.00
		1	2	20.18	20.45	20.56	22.00
		1	5	20.14	20.41	20.47	22.00
		3	0	20.13	20.45	20.45	22.00
		3	2	20.28	20.43	20.50	22.00
		3	3	20.09	20.50	20.49	22.00
		6	0	19.28	19.62	19.61	21.00
	256QAM	1	0	17.35	17.56	17.67	19.00
		1	2	17.41	17.60	17.74	19.00
		1	5	17.25	17.64	17.64	19.00
		3	0	17.25	17.60	17.53	19.00
		3	2	17.42	17.57	17.79	19.00
		3	3	17.26	17.64	17.64	19.00
		6	0	17.30	17.63	17.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	22.74	22.66	22.80	24.00
		1	7	22.89	22.88	22.78	24.00
		1	14	22.79	22.80	22.40	24.00
		8	0	22.00	21.91	21.83	23.00
		8	4	21.97	21.97	21.95	23.00

		8	7	21.88	21.85	21.77	23.00
		15	0	21.95	21.82	21.87	23.00
	16QAM	1	0	22.31	21.83	21.95	23.00
		1	7	22.09	22.53	22.02	23.00
		1	14	22.27	22.29	21.94	23.00
		8	0	21.09	21.03	20.79	22.00
		8	4	20.91	21.03	21.06	22.00
		8	7	20.93	20.94	20.89	22.00
		15	0	20.79	20.67	20.84	22.00
	64QAM	1	0	20.38	20.68	20.76	22.00
		1	7	20.43	20.69	20.78	22.00
		1	14	20.31	20.57	20.49	22.00
		8	0	19.37	19.60	19.56	21.00
		8	4	19.38	19.75	19.86	21.00
		8	7	19.40	19.68	19.71	21.00
		15	0	19.33	19.66	19.60	21.00
	256QAM	1	0	17.40	17.54	17.66	19.00
		1	7	17.41	17.59	17.75	19.00
		1	14	17.18	17.60	17.67	19.00
		8	0	17.30	17.64	17.48	19.00
		8	4	17.41	17.60	17.79	19.00
		8	7	17.26	17.64	17.65	19.00
		15	0	17.33	17.65	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.77	22.75	22.80	24.00
		1	13	22.80	22.92	22.79	24.00
		1	24	22.76	22.79	22.38	24.00
		12	0	21.95	21.93	21.83	23.00
		12	6	21.95	21.89	21.98	23.00
		12	13	21.94	21.92	21.68	23.00
		25	0	21.96	21.90	21.75	23.00
	16QAM	1	0	22.44	21.95	22.03	23.00
		1	13	22.00	22.20	22.26	23.00
		1	24	22.09	22.22	21.64	23.00
		12	0	20.98	20.98	20.85	22.00
		12	6	20.92	20.96	20.90	22.00
		12	13	20.97	20.94	20.86	22.00
		25	0	20.98	20.93	20.85	22.00
	64QAM	1	0	20.45	20.59	20.77	22.00
		1	13	20.39	20.77	20.75	22.00
		1	24	20.33	20.56	20.51	22.00
		12	0	19.35	19.67	19.61	21.00
		12	6	19.43	19.70	19.81	21.00
		12	13	19.35	19.76	19.74	21.00
		25	0	19.35	19.64	19.64	21.00
	256QAM	1	0	17.38	17.59	17.67	19.00
		1	13	17.41	17.60	17.77	19.00
		1	24	17.18	17.61	17.62	19.00
		12	0	17.29	17.65	17.55	19.00
		12	6	17.43	17.59	17.76	19.00
		12	13	17.26	17.62	17.65	19.00
		25	0	17.27	17.63	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	

10MHz	QPSK	1	0	22.89	22.82	22.77	24.00
		1	25	22.87	22.84	22.77	24.00
		1	49	22.98	22.95	22.31	24.00
		25	0	21.91	21.96	21.96	23.00
		25	13	21.91	22.11	21.97	23.00
		25	25	21.81	22.01	21.95	23.00
		50	0	22.14	22.02	22.09	23.00
	16QAM	1	0	21.95	22.41	21.93	23.00
		1	25	21.81	22.04	22.38	23.00
		1	49	22.53	22.18	21.96	23.00
		25	0	21.03	21.00	20.95	22.00
		25	13	21.07	21.08	20.99	22.00
		25	25	20.83	20.91	21.05	22.00
		50	0	21.11	21.12	21.04	22.00
	64QAM	1	0	20.36	20.64	20.73	22.00
		1	25	20.42	20.76	20.75	22.00
		1	49	20.36	20.60	20.50	22.00
		25	0	19.35	19.63	19.58	21.00
		25	13	19.39	19.75	19.86	21.00
		25	25	19.37	19.70	19.81	21.00
		50	0	19.34	19.71	19.66	21.00
	256QAM	1	0	17.42	17.55	17.67	19.00
		1	25	17.40	17.63	17.79	19.00
		1	49	17.19	17.62	17.63	19.00
		25	0	17.24	17.59	17.51	19.00
		25	13	17.42	17.55	17.79	19.00
		25	25	17.26	17.60	17.68	19.00
		50	0	17.30	17.64	17.47	19.00

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.85	22.92	22.98	24.00
		1	13	22.95	22.88	23.11	24.00
		1	24	22.89	23.01	22.84	24.00
		12	0	21.93	21.97	21.95	23.00
		12	6	22.05	22.05	22.05	23.00
		12	13	22.02	22.08	22.01	23.00
		25	0	22.01	21.99	22.03	23.00
	16QAM	1	0	22.16	22.47	22.10	23.00
		1	13	22.17	22.33	22.54	23.00
		1	24	22.29	22.49	22.53	23.00
		12	0	21.01	20.93	20.90	22.00
		12	6	21.10	20.97	20.99	22.00
		12	13	21.02	21.01	21.02	22.00
		25	0	21.13	20.98	21.01	22.00
	64QAM	1	0	20.36	20.67	20.73	22.00
		1	13	20.35	20.67	20.73	22.00
		1	24	20.35	20.56	20.56	22.00

		12	0	19.34	19.62	19.62	21.00
		12	6	19.39	19.74	19.87	21.00
		12	13	19.40	19.78	19.73	21.00
		25	0	19.29	19.73	19.63	21.00
	256QAM	1	0	17.41	17.55	17.63	19.00
		1	13	17.40	17.66	17.73	19.00
		1	24	17.25	17.61	17.66	19.00
		12	0	17.27	17.65	17.50	19.00
		12	6	17.41	17.60	17.78	19.00
		12	13	17.23	17.65	17.64	19.00
		25	0	17.32	17.65	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	23230	\	
		1	0	\	23.02	\	24.00
		1	25	\	23.10	\	24.00
		1	49	\	23.10	\	24.00
		25	0	\	22.03	\	23.00
		25	13	\	22.03	\	23.00
		25	25	\	22.08	\	23.00
		50	0	\	21.97	\	23.00
		1	0	\	22.37	\	23.00
		1	25	\	21.98	\	23.00
		1	49	\	22.17	\	23.00
		25	0	\	21.06	\	22.00
		25	13	\	21.03	\	22.00
		25	25	\	21.06	\	22.00
		50	0	\	20.98	\	22.00
		1	0	\	20.60	\	22.00
		1	25	\	20.67	\	22.00
		1	49	\	20.61	\	22.00
		25	0	\	19.62	\	21.00
		25	13	\	19.71	\	21.00
		25	25	\	19.77	\	21.00
		50	0	\	19.70	\	21.00
		1	0	\	17.57	\	19.00
		1	25	\	17.66	\	19.00
		1	49	\	17.65	\	19.00
		25	0	\	17.64	\	19.00
		25	13	\	17.59	\	19.00
		25	25	\	17.62	\	19.00
		50	0	\	17.63	\	19.00

LTE Band 14				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
		1	0	22.88	22.97	22.87	24.00
		1	13	22.91	22.94	22.95	24.00
		1	24	23.08	22.84	22.78	24.00
		12	0	22.10	22.00	21.96	23.00
		12	6	22.05	22.05	21.94	23.00
		12	13	21.99	21.93	21.92	23.00
		25	0	22.02	21.98	21.91	23.00

	16QAM	1	0	22.32	22.39	22.31	23.00
		1	13	22.39	22.33	21.97	23.00
		1	24	22.07	21.97	22.43	23.00
		12	0	21.11	20.94	21.05	22.00
		12	6	21.06	21.06	20.95	22.00
		12	13	20.92	21.06	21.03	22.00
		25	0	21.12	21.06	21.05	22.00
	64QAM	1	0	20.35	20.64	20.73	22.00
		1	13	20.34	20.67	20.73	22.00
		1	24	20.36	20.56	20.56	22.00
		12	0	19.38	19.60	19.62	21.00
		12	6	19.41	19.67	19.85	21.00
		12	13	19.36	19.69	19.74	21.00
		25	0	19.26	19.69	19.60	21.00
	256QAM	1	0	17.41	17.58	17.68	19.00
		1	13	17.41	17.66	17.77	19.00
		1	24	17.21	17.62	17.63	19.00
		12	0	17.27	17.60	17.55	19.00
		12	6	17.45	17.60	17.79	19.00
		12	13	17.21	17.66	17.68	19.00
		25	0	17.27	17.64	17.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	23330	\	
10MHz	QPSK	1	0	\	23.05	\	24.00
		1	25	\	22.87	\	24.00
		1	49	\	22.95	\	24.00
		25	0	\	21.94	\	23.00
		25	13	\	22.12	\	23.00
		25	25	\	22.06	\	23.00
		50	0	\	21.97	\	23.00
	16QAM	1	0	\	22.17	\	23.00
		1	25	\	21.91	\	23.00
		1	49	\	22.39	\	23.00
		25	0	\	21.11	\	22.00
		25	13	\	21.18	\	22.00
		25	25	\	21.08	\	22.00
		50	0	\	21.08	\	22.00
	64QAM	1	0	\	20.62	\	22.00
		1	25	\	20.70	\	22.00
		1	49	\	20.64	\	22.00
		25	0	\	19.60	\	21.00
		25	13	\	19.69	\	21.00
		25	25	\	19.72	\	21.00
		50	0	\	19.64	\	21.00
	256QAM	1	0	\	17.56	\	19.00
		1	25	\	17.60	\	19.00
		1	49	\	17.65	\	19.00
		25	0	\	17.58	\	19.00
		25	13	\	17.57	\	19.00
		25	25	\	17.63	\	19.00
		50	0	\	17.68	\	19.00

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	22.40	22.25	21.96	23.50
		1	2	22.45	22.28	21.92	23.50
		1	5	22.39	22.18	21.99	23.50
		3	0	22.55	22.44	21.69	23.50
		3	2	22.52	22.38	22.13	23.50
		3	3	22.47	22.40	22.29	23.50
		6	0	21.56	21.37	21.14	22.50
	16QAM	1	0	21.95	21.51	20.53	22.50
		1	2	21.72	21.48	21.54	22.50
		1	5	21.49	21.97	20.50	22.50
		3	0	21.51	21.38	21.24	22.50
		3	2	21.56	21.31	21.27	22.50
		3	3	21.51	21.30	21.17	22.50
		6	0	20.56	20.59	20.40	21.50
	64QAM	1	0	20.54	20.64	20.42	21.50
		1	2	20.54	20.57	20.44	21.50
		1	5	20.57	20.62	20.44	21.50
		3	0	20.58	20.57	20.42	21.50
		3	2	20.57	20.61	20.43	21.50
		3	3	20.56	20.64	20.42	21.50
		6	0	19.50	19.64	19.43	20.50
	256QAM	1	0	17.38	17.58	17.66	18.50
		1	2	17.43	17.64	17.73	18.50
		1	5	17.21	17.60	17.68	18.50
		3	0	17.30	17.59	17.48	18.50
		3	2	17.42	17.56	17.72	18.50
		3	3	17.28	17.59	17.61	18.50
		6	0	17.31	17.62	17.53	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.79	22.53	22.64	23.50
		1	7	22.40	22.38	22.11	23.50
		1	14	22.62	22.45	22.59	23.50
		8	0	21.61	21.55	21.42	22.50
		8	4	21.69	21.51	21.43	22.50
		8	7	21.62	21.47	21.40	22.50
		15	0	21.57	21.47	21.32	22.50
	16QAM	1	0	21.96	22.08	21.44	22.50
		1	7	22.09	21.89	21.63	22.50
		1	14	22.28	21.58	21.38	22.50
		8	0	20.69	20.55	20.34	21.50
		8	4	20.62	20.49	20.39	21.50
		8	7	20.55	20.53	20.44	21.50
		15	0	20.58	20.60	20.37	21.50
	64QAM	1	0	20.34	20.62	20.72	21.50
		1	7	20.30	20.65	20.72	21.50
		1	14	20.32	20.60	20.52	21.50
		8	0	19.38	19.64	19.66	20.50
		8	4	19.45	19.70	19.81	20.50
		8	7	19.39	19.70	19.74	20.50

		15	0	19.30	19.68	19.65	20.50
	256QAM	1	0	17.35	17.59	17.65	18.50
		1	7	17.39	17.66	17.72	18.50
		1	14	17.19	17.62	17.65	18.50
		8	0	17.28	17.59	17.54	18.50
		8	4	17.46	17.59	17.78	18.50
		8	7	17.22	17.62	17.64	18.50
		15	0	17.34	17.65	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.68	22.72	22.44	23.50
		1	13	22.51	22.50	22.43	23.50
		1	24	22.56	22.53	22.20	23.50
		12	0	21.64	21.62	21.46	22.50
		12	6	21.55	21.56	21.39	22.50
		12	13	21.64	21.50	21.28	22.50
		25	0	21.73	21.61	21.26	22.50
	16QAM	1	0	21.87	21.58	21.65	22.50
		1	13	22.09	21.65	21.77	22.50
		1	24	21.73	21.73	21.49	22.50
		12	0	20.71	20.59	20.44	21.50
		12	6	20.68	20.51	20.36	21.50
		12	13	20.66	20.55	20.32	21.50
		25	0	20.68	20.50	20.37	21.50
	64QAM	1	0	20.33	20.68	20.71	21.50
		1	13	20.33	20.66	20.73	21.50
		1	24	20.34	20.53	20.54	21.50
		12	0	19.33	19.55	19.65	20.50
		12	6	19.44	19.72	19.84	20.50
		12	13	19.31	19.74	19.73	20.50
		25	0	19.31	19.66	19.58	20.50
	256QAM	1	0	17.42	17.60	17.70	18.50
		1	13	17.41	17.65	17.72	18.50
		1	24	17.25	17.65	17.68	18.50
		12	0	17.27	17.60	17.53	18.50
		12	6	17.48	17.57	17.75	18.50
		12	13	17.23	17.61	17.64	18.50
		25	0	17.28	17.68	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.20	22.57	22.38	23.50
		1	25	22.48	22.45	22.28	23.50
		1	49	22.57	22.49	22.25	23.50
		25	0	21.61	21.50	21.41	22.50
		25	13	21.60	21.53	21.52	22.50
		25	25	21.62	21.48	21.41	22.50
		50	0	21.65	21.54	21.52	22.50
	16QAM	1	0	21.93	21.99	21.58	22.50
		1	25	21.88	21.63	21.45	22.50
		1	49	22.01	21.53	21.42	22.50
		25	0	20.61	20.56	20.38	21.50
		25	13	20.65	20.63	20.54	21.50
		25	25	20.65	20.47	20.29	21.50
		50	0	20.72	20.57	20.38	21.50
	64QAM	1	0	20.33	20.65	20.74	21.50

		1	25	20.37	20.66	20.71	21.50
		1	49	20.35	20.52	20.52	21.50
		25	0	19.38	19.57	19.60	20.50
		25	13	19.45	19.67	19.87	20.50
		25	25	19.39	19.74	19.70	20.50
		50	0	19.31	19.67	19.59	20.50
	256QAM	1	0	17.42	17.58	17.68	18.50
		1	25	17.42	17.61	17.79	18.50
		1	49	17.25	17.58	17.64	18.50
		25	0	17.26	17.60	17.48	18.50
		25	13	17.41	17.54	17.79	18.50
		25	25	17.23	17.66	17.62	18.50
		50	0	17.27	17.66	17.51	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 26115	Channel 26365	Channel 26615	Tune up
15MHz	QPSK	1	0	22.32	22.37	22.15	23.50
		1	38	22.39	22.34	22.17	23.50
		1	74	22.45	22.24	22.13	23.50
		36	0	21.48	21.42	21.30	22.50
		36	18	21.54	21.46	21.22	22.50
		36	39	21.53	21.45	21.57	22.50
		75	0	21.51	21.39	21.14	22.50
	16QAM	1	0	21.60	21.65	21.34	22.50
		1	38	21.99	21.67	21.70	22.50
		1	74	21.89	21.61	21.22	22.50
		36	0	20.56	20.43	20.24	21.50
		36	18	20.58	20.50	20.29	21.50
		36	39	20.46	20.49	20.49	21.50
		75	0	20.56	20.51	20.20	21.50
	64QAM	1	0	20.31	20.61	20.71	21.50
		1	38	20.37	20.63	20.77	21.50
		1	74	20.31	20.52	20.58	21.50
		36	0	19.38	19.57	19.58	20.50
		36	18	19.44	19.65	19.83	20.50
		36	39	19.36	19.68	19.74	20.50
		75	0	19.21	19.71	19.56	20.50
	256QAM	1	0	17.40	17.54	17.63	18.50
		1	38	17.40	17.66	17.76	18.50
		1	74	17.25	17.58	17.67	18.50
		36	0	17.28	17.61	17.51	18.50
		36	18	17.41	17.61	17.79	18.50
		36	39	17.26	17.66	17.67	18.50
		75	0	17.32	17.68	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	22.51	22.37	22.18	23.50
		1	50	22.41	22.23	22.15	23.50
		1	99	22.33	22.25	22.06	23.50
		50	0	21.58	21.31	21.22	22.50
		50	25	21.58	21.40	21.36	22.50
		50	50	21.59	21.47	21.36	22.50
		100	0	21.61	21.31	21.38	22.50
	16QAM	1	0	22.10	21.52	21.68	22.50
		1	50	21.69	21.81	21.76	22.50
		1	99	21.67	21.77	21.72	22.50

		50	0	20.63	20.48	20.17	21.50
		50	25	20.63	20.38	20.30	21.50
		50	50	20.53	20.42	20.37	21.50
		100	0	20.57	20.57	20.45	21.50
	64QAM	1	0	20.31	20.63	20.71	21.50
		1	50	20.39	20.63	20.76	21.50
		1	99	20.38	20.55	20.55	21.50
		50	0	19.41	19.59	19.67	20.50
		50	25	19.43	19.68	19.82	20.50
		50	50	19.31	19.71	19.74	20.50
		100	0	19.31	19.65	19.58	20.50
	256QAM	1	0	17.43	17.62	17.71	18.50
		1	50	17.47	17.67	17.80	18.50
		1	99	17.26	17.66	17.69	18.50
		50	0	17.32	17.66	17.56	18.50
		50	25	17.49	17.62	17.80	18.50
		50	50	17.29	17.67	17.69	18.50
		100	0	17.35	17.70	17.54	18.50

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	21.67	21.70	21.71	22.50
		1	2	21.70	21.70	21.79	22.50
		1	5	21.60	21.64	21.72	22.50
		3	0	21.72	21.77	21.75	22.50
		3	2	21.78	21.72	21.83	22.50
		3	3	21.67	21.69	21.75	22.50
		6	0	21.58	21.56	21.53	22.50
	16QAM	1	0	21.74	21.66	21.65	22.50
		1	2	21.76	21.70	21.59	22.50
		1	5	21.62	21.80	21.58	22.50
		3	0	21.51	21.38	21.24	22.50
		3	2	21.56	21.31	21.27	22.50
		3	3	21.51	21.30	21.17	22.50
		6	0	20.56	20.59	20.40	21.50
	64QAM	1	0	20.55	20.67	20.39	21.50
		1	2	20.49	20.56	20.45	21.50
		1	5	20.59	20.57	20.39	21.50
		3	0	20.57	20.52	20.42	21.50
		3	2	20.56	20.65	20.41	21.50
		3	3	20.57	20.67	20.42	21.50
		6	0	19.53	19.63	19.48	20.50
	256QAM	1	0	17.41	17.59	17.66	18.50
		1	2	17.42	17.62	17.76	18.50
		1	5	17.23	17.61	17.61	18.50
		3	0	17.28	17.61	17.50	18.50
		3	2	17.41	17.56	17.75	18.50
		3	3	17.22	17.62	17.61	18.50
		6	0	17.32	17.64	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.87	21.70	21.68	22.50

		1	7	21.61	21.53	21.80	22.50
		1	14	21.66	21.62	21.85	22.50
		8	0	21.53	21.52	21.44	22.50
		8	4	21.52	21.47	21.69	22.50
		8	7	21.71	21.63	21.63	22.50
		15	0	21.68	21.57	21.51	22.50
	16QAM	1	0	21.77	21.55	21.65	22.50
		1	7	21.77	21.38	21.77	22.50
		1	14	21.46	21.77	21.72	22.50
		8	0	20.69	20.55	20.34	21.50
		8	4	20.62	20.49	20.39	21.50
		8	7	20.55	20.53	20.44	21.50
	64QAM	15	0	20.58	20.60	20.37	21.50
		1	0	20.38	20.67	20.73	21.50
		1	7	20.29	20.70	20.78	21.50
		1	14	20.31	20.52	20.54	21.50
		8	0	19.41	19.60	19.64	20.50
		8	4	19.42	19.72	19.90	20.50
	256QAM	8	7	19.40	19.64	19.70	20.50
		15	0	19.30	19.68	19.56	20.50
		1	0	17.41	17.55	17.66	18.50
		1	7	17.41	17.60	17.73	18.50
		1	14	17.23	17.65	17.61	18.50
		8	0	17.31	17.63	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	21.73	21.75	21.65	22.50
		1	13	21.54	21.54	21.68	22.50
		1	24	21.50	21.52	21.66	22.50
		12	0	21.53	21.48	21.61	22.50
		12	6	21.55	21.47	21.60	22.50
		12	13	21.65	21.64	21.78	22.50
		25	0	21.50	21.54	21.61	22.50
	16QAM	1	0	21.67	21.72	21.57	22.50
		1	13	21.74	21.35	21.67	22.50
		1	24	21.49	21.77	21.70	22.50
		12	0	20.71	20.59	20.44	21.50
		12	6	20.68	20.51	20.36	21.50
		12	13	20.66	20.55	20.32	21.50
		25	0	20.68	20.50	20.37	21.50
	64QAM	1	0	20.33	20.60	20.69	21.50
		1	13	20.38	20.67	20.70	21.50
		1	24	20.38	20.56	20.58	21.50
		12	0	19.43	19.59	19.57	20.50
		12	6	19.39	19.62	19.83	20.50
		12	13	19.40	19.67	19.69	20.50
		25	0	19.24	19.68	19.59	20.50
	256QAM	1	0	17.35	17.57	17.64	18.50
		1	13	17.39	17.66	17.78	18.50
		1	24	17.19	17.65	17.62	18.50
		12	0	17.28	17.64	17.52	18.50
		12	6	17.46	17.59	17.75	18.50

		12	13	17.21	17.59	17.61	18.50
		25	0	17.31	17.67	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	21.84	21.79	21.69	22.50
		1	25	21.53	21.49	21.75	22.50
		1	49	21.49	21.61	21.80	22.50
		25	0	21.61	21.64	21.46	22.50
		25	13	21.58	21.57	21.56	22.50
		25	25	21.68	21.59	21.64	22.50
		50	0	21.65	21.53	21.41	22.50
	16QAM	1	0	21.70	21.72	21.55	22.50
		1	25	21.80	21.41	21.68	22.50
		1	49	21.42	21.68	21.76	22.50
		25	0	20.61	20.56	20.38	21.50
		25	13	20.65	20.63	20.54	21.50
		25	25	20.65	20.47	20.29	21.50
		50	0	20.72	20.57	20.38	21.50
	64QAM	1	0	20.31	20.69	20.74	21.50
		1	25	20.32	20.63	20.75	21.50
		1	49	20.37	20.57	20.54	21.50
		25	0	19.40	19.58	19.66	20.50
		25	13	19.41	19.70	19.83	20.50
		25	25	19.36	19.67	19.77	20.50
		50	0	19.28	19.64	19.61	20.50
	256QAM	1	0	17.41	17.58	17.68	18.50
		1	25	17.46	17.59	17.79	18.50
		1	49	17.19	17.64	17.63	18.50
		25	0	17.29	17.59	17.50	18.50
		25	13	17.48	17.59	17.77	18.50
		25	25	17.27	17.62	17.68	18.50
		50	0	17.34	17.64	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	21.89	21.67	21.66	22.50
		1	38	21.61	21.48	21.76	22.50
		1	74	21.46	21.67	21.72	22.50
		36	0	21.57	21.58	21.53	22.50
		36	18	21.62	21.47	21.70	22.50
		36	39	21.55	21.64	21.78	22.50
		75	0	21.58	21.44	21.61	22.50
	16QAM	1	0	21.68	21.60	21.67	22.50
		1	38	21.80	21.33	21.74	22.50
		1	74	21.38	21.81	21.80	22.50
		36	0	20.56	20.43	20.24	21.50
		36	18	20.58	20.50	20.29	21.50
		36	39	20.46	20.49	20.49	21.50
		75	0	20.56	20.51	20.20	21.50
	64QAM	1	0	20.40	20.65	20.74	21.50
		1	38	20.39	20.69	20.72	21.50
		1	74	20.35	20.55	20.53	21.50
		36	0	19.40	19.57	19.57	20.50
		36	18	19.41	19.68	19.90	20.50
		36	39	19.32	19.68	19.75	20.50
		75	0	19.31	19.66	19.56	20.50

		1	0	17.37	17.55	17.66	18.50
		1	38	17.41	17.59	17.73	18.50
		1	74	17.19	17.64	17.63	18.50
	256QAM	36	0	17.27	17.59	17.53	18.50
		36	18	17.42	17.55	17.72	18.50
		36	39	17.25	17.63	17.65	18.50
		75	0	17.30	17.66	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	21.81	21.69	21.77	22.50
		1	50	21.55	21.56	21.70	22.50
		1	99	21.56	21.60	21.76	22.50
		50	0	21.59	21.56	21.52	22.50
		50	25	21.56	21.53	21.60	22.50
		50	50	21.72	21.57	21.70	22.50
		100	0	21.50	21.58	21.41	22.50
	16QAM	1	0	21.74	21.64	21.62	22.50
		1	50	21.80	21.39	21.77	22.50
		1	99	21.46	21.74	21.80	22.50
		50	0	20.63	20.48	20.17	21.50
		50	25	20.63	20.38	20.30	21.50
		50	50	20.53	20.42	20.37	21.50
		100	0	20.57	20.57	20.45	21.50
	64QAM	1	0	20.30	20.66	20.74	21.50
		1	50	20.35	20.63	20.72	21.50
		1	99	20.35	20.56	20.55	21.50
		50	0	19.40	19.63	19.57	20.50
		50	25	19.38	19.66	19.86	20.50
		50	50	19.39	19.74	19.71	20.50
		100	0	19.29	19.72	19.61	20.50
	256QAM	1	0	17.42	17.56	17.67	18.50
		1	50	17.39	17.65	17.72	18.50
		1	99	17.19	17.63	17.68	18.50
		50	0	17.25	17.61	17.50	18.50
		50	25	17.46	17.61	17.76	18.50
		50	50	17.28	17.61	17.64	18.50
		100	0	17.27	17.63	17.49	18.50

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.98	22.79	22.82	24.00
		1	2	22.93	22.95	22.76	24.00
		1	5	22.93	22.83	22.03	24.00
		3	0	23.02	22.90	22.67	24.00
		3	2	23.16	22.95	22.54	24.00
		3	3	23.09	22.94	22.28	24.00
		6	0	22.03	21.94	21.47	23.00
	16QAM	1	0	22.42	22.39	21.86	23.00
		1	2	22.23	22.30	22.06	23.00
		1	5	22.43	22.03	21.66	23.00
		3	0	21.93	22.00	21.77	23.00
		3	2	22.14	21.83	21.49	23.00

		3	3	22.09	21.85	21.50	23.00
		6	0	21.04	21.01	20.71	22.00
	64QAM	1	0	21.07	20.97	20.68	22.00
		1	2	21.09	21.02	20.67	22.00
		1	5	21.06	21.04	20.76	22.00
		3	0	21.00	20.97	20.69	22.00
		3	2	21.08	21.01	20.73	22.00
		3	3	20.99	21.01	20.72	22.00
		6	0	20.04	20.00	19.67	21.00
		1	0	17.33	17.50	17.53	19.00
	256QAM	1	2	17.42	17.67	17.79	19.00
		1	5	17.36	17.68	17.64	19.00
		3	0	17.22	17.68	17.50	19.00
		3	2	17.31	17.64	17.78	19.00
		3	3	17.28	17.70	17.63	19.00
		6	0	17.25	17.71	17.45	19.00
		1	0	17.33	17.50	17.53	19.00
		1	2	17.42	17.67	17.79	19.00
		1	5	17.36	17.68	17.64	19.00
		3	0	17.22	17.68	17.50	19.00
		3	2	17.31	17.64	17.78	19.00
		3	3	17.28	17.70	17.63	19.00
		6	0	17.25	17.71	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.04	22.89	22.93	24.00
		1	7	23.01	22.94	22.78	24.00
		1	14	23.10	22.95	22.38	24.00
		8	0	22.10	21.94	21.93	23.00
		8	4	22.20	22.07	22.00	23.00
		8	7	22.14	22.00	22.02	23.00
		15	0	22.14	22.01	22.02	23.00
	16QAM	1	0	22.41	22.15	22.03	23.00
		1	7	22.14	22.32	22.21	23.00
		1	14	22.55	22.15	21.67	23.00
		8	0	21.21	21.11	20.99	22.00
		8	4	21.22	21.16	21.14	22.00
		8	7	21.20	21.15	21.06	22.00
		15	0	21.15	20.97	21.05	22.00
	64QAM	1	0	20.35	20.69	20.73	22.00
		1	7	20.29	20.68	20.68	22.00
		1	14	20.32	20.56	20.59	22.00
		8	0	19.41	19.58	19.64	21.00
		8	4	19.36	19.65	19.89	21.00
		8	7	19.39	19.68	19.77	21.00
		15	0	19.27	19.64	19.58	21.00
	256QAM	1	0	17.35	17.56	17.53	19.00
		1	7	17.43	17.60	17.73	19.00
		1	14	17.34	17.63	17.68	19.00
		8	0	17.22	17.63	17.46	19.00
		8	4	17.33	17.65	17.85	19.00
		8	7	17.28	17.68	17.62	19.00
		15	0	17.24	17.71	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.09	22.89	22.71	24.00
		1	13	22.92	22.89	22.86	24.00
		1	24	22.92	23.16	22.58	24.00
		12	0	22.10	22.04	21.92	23.00
		12	6	22.19	22.01	22.06	23.00
		12	13	22.14	22.09	22.02	23.00
		25	0	22.10	22.01	21.99	23.00

	16QAM	1	0	22.16	22.23	21.73	23.00
		1	13	22.39	22.63	22.60	23.00
		1	24	22.19	22.25	21.68	23.00
		12	0	21.18	21.00	20.99	22.00
		12	6	21.15	21.07	21.09	22.00
		12	13	21.05	20.97	21.11	22.00
		25	0	21.10	20.95	21.00	22.00
	64QAM	1	0	20.32	20.60	20.77	22.00
		1	13	20.33	20.70	20.71	22.00
		1	24	20.40	20.56	20.61	22.00
		12	0	19.39	19.56	19.60	21.00
		12	6	19.36	19.71	19.90	21.00
		12	13	19.37	19.73	19.76	21.00
		25	0	19.21	19.71	19.60	21.00
	256QAM	1	0	17.33	17.55	17.51	19.00
		1	13	17.39	17.67	17.76	19.00
		1	24	17.38	17.69	17.70	19.00
		12	0	17.22	17.67	17.49	19.00
		12	6	17.33	17.63	17.85	19.00
		12	13	17.34	17.73	17.66	19.00
		25	0	17.26	17.64	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	23.18	22.85	23.07	24.00
		1	25	23.04	23.07	22.27	24.00
		1	49	22.41	23.05	22.65	24.00
		25	0	22.12	21.96	21.94	23.00
		25	13	22.17	22.12	21.98	23.00
		25	25	21.92	22.10	21.99	23.00
		50	0	22.14	22.09	22.05	23.00
	16QAM	1	0	22.68	22.09	21.87	23.00
		1	25	22.02	22.18	21.83	23.00
		1	49	22.14	22.45	21.59	23.00
		25	0	21.21	21.09	21.01	22.00
		25	13	21.15	21.12	20.77	22.00
		25	25	21.01	21.03	20.94	22.00
		50	0	21.13	21.03	21.00	22.00
	64QAM	1	0	20.34	20.65	20.70	22.00
		1	25	20.32	20.66	20.76	22.00
		1	49	20.39	20.54	20.52	22.00
		25	0	19.36	19.56	19.62	21.00
		25	13	19.43	19.71	19.90	21.00
		25	25	19.34	19.71	19.78	21.00
		50	0	19.26	19.72	19.63	21.00
	256QAM	1	0	17.30	17.57	17.49	19.00
		1	25	17.39	17.67	17.74	19.00
		1	49	17.34	17.64	17.66	19.00
		25	0	17.22	17.65	17.50	19.00
		25	13	17.33	17.65	17.78	19.00
		25	25	17.27	17.67	17.67	19.00
		50	0	17.24	17.64	17.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	22.82	22.65	22.74	24.00
		1	38	22.67	22.84	22.48	24.00

		1	74	22.78	22.92	22.75	24.00
		36	0	21.94	21.88	21.92	23.00
		36	18	21.88	21.88	21.95	23.00
		36	39	21.94	21.97	21.96	23.00
		75	0	22.04	21.84	21.85	23.00
	16QAM	1	0	22.20	21.71	22.10	23.00
		1	38	22.23	21.89	21.71	23.00
		1	74	22.24	22.10	21.81	23.00
		36	0	20.99	20.89	20.86	22.00
		36	18	20.96	20.95	20.99	22.00
		36	39	21.06	21.06	20.91	22.00
		75	0	20.96	20.97	20.85	22.00
	64QAM	1	0	20.37	20.62	20.75	22.00
		1	38	20.38	20.63	20.68	22.00
		1	74	20.40	20.58	20.54	22.00
		36	0	19.38	19.55	19.62	21.00
		36	18	19.45	19.69	19.85	21.00
		36	39	19.39	19.74	19.71	21.00
		75	0	19.28	19.65	19.58	21.00
	256QAM	1	0	17.36	17.58	17.57	19.00
		1	38	17.44	17.68	17.81	19.00
		1	74	17.40	17.70	17.71	19.00
		36	0	17.25	17.69	17.54	19.00
		36	18	17.39	17.71	17.86	19.00
		36	39	17.35	17.75	17.68	19.00
		75	0	17.29	17.72	17.53	19.00

LTE Band 30				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	22.53	22.64	22.68	24.00
		1	13	22.69	22.66	22.69	24.00
		1	24	22.56	22.60	22.39	24.00
		12	0	21.69	21.59	21.65	23.00
		12	6	21.77	21.65	21.66	23.00
		12	13	21.71	21.66	21.72	23.00
		25	0	21.69	21.60	21.66	23.00
	16QAM	1	0	22.14	21.59	21.84	23.00
		1	13	21.66	21.67	21.78	23.00
		1	24	21.88	22.16	21.59	23.00
		12	0	20.69	20.69	20.73	22.00
		12	6	20.60	20.77	20.77	22.00
		12	13	20.66	20.70	20.59	22.00
		25	0	20.70	20.59	20.72	22.00
	64QAM	1	0	20.34	20.68	20.69	22.00
		1	13	20.36	20.69	20.74	22.00
		1	24	20.36	20.56	20.56	22.00
		12	0	19.39	19.59	19.66	21.00
		12	6	19.36	19.63	19.81	21.00
		12	13	19.34	19.70	19.74	21.00
		25	0	19.29	19.65	19.63	21.00
	256QAM	1	0	17.43	17.57	17.64	19.00

		1	13	17.33	17.63	17.81	19.00
		1	24	17.37	17.68	17.76	19.00
		12	0	17.32	17.61	17.67	19.00
		12	6	17.29	17.61	17.85	19.00
		12	13	17.40	17.70	17.71	19.00
		25	0	17.31	17.58	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				\	27710	\	
10MHz	QPSK	1	0	\	22.87	\	24.00
		1	25	\	22.75	\	24.00
		1	49	\	22.71	\	24.00
		25	0	\	21.55	\	23.00
		25	13	\	21.65	\	23.00
		25	25	\	21.62	\	23.00
		50	0	\	21.66	\	23.00
	16QAM	1	0	\	22.23	\	23.00
		1	25	\	21.95	\	23.00
		1	49	\	22.18	\	23.00
		25	0	\	20.63	\	22.00
		25	13	\	20.73	\	22.00
		25	25	\	20.71	\	22.00
		50	0	\	20.72	\	22.00
	64QAM	1	0	\	20.59	\	22.00
		1	25	\	20.62	\	22.00
		1	49	\	20.55	\	22.00
		25	0	\	19.59	\	21.00
		25	13	\	19.66	\	21.00
		25	25	\	19.74	\	21.00
		50	0	\	19.72	\	21.00
	256QAM	1	0	\	17.44	\	19.00
		1	25	\	17.64	\	19.00
		1	49	\	17.57	\	19.00
		25	0	\	17.66	\	19.00
		25	13	\	17.63	\	19.00
		25	25	\	17.51	\	19.00
		50	0	\	17.70	\	19.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.62	22.68	22.85	24.00
		1	13	22.60	22.70	22.89	24.00
		1	24	22.60	22.68	22.70	24.00
		12	0	21.72	21.74	21.91	23.00
		12	6	21.71	21.76	21.80	23.00
		12	13	21.70	21.76	21.87	23.00
		25	0	21.73	21.70	21.87	23.00
	16QAM	1	0	21.84	21.76	22.07	23.00
		1	13	21.79	21.95	22.11	23.00
		1	24	21.84	21.93	22.08	23.00
		12	0	20.75	20.77	20.81	22.00
		12	6	20.66	20.68	20.87	22.00

		12	13	20.65	20.78	20.88	22.00
		25	0	20.76	20.77	20.84	22.00
	64QAM	1	0	20.31	20.68	20.71	22.00
		1	13	20.34	20.71	20.72	22.00
		1	24	20.41	20.60	20.56	22.00
		12	0	19.38	19.57	19.62	21.00
		12	6	19.44	19.67	19.88	21.00
		12	13	19.31	19.72	19.78	21.00
		25	0	19.30	19.66	19.65	21.00
		25	0	19.30	19.66	19.65	21.00
	256QAM	1	0	17.35	17.44	17.46	19.00
		1	13	17.39	17.61	17.81	19.00
		1	24	17.21	17.55	17.62	19.00
		12	0	17.18	17.67	17.62	19.00
		12	6	17.36	17.60	17.78	19.00
		12	13	17.27	17.58	17.65	19.00
		25	0	17.22	17.71	17.56	19.00
		25	0	17.22	17.71	17.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.58	22.60	22.67	24.00
		1	25	22.60	22.65	22.67	24.00
		1	49	22.58	22.51	22.78	24.00
		25	0	21.66	21.65	21.78	23.00
		25	13	21.74	21.76	21.76	23.00
		25	25	21.63	21.85	21.80	23.00
		50	0	21.65	21.65	21.83	23.00
		50	0	21.65	21.65	21.83	23.00
	16QAM	1	0	21.73	21.78	21.79	23.00
		1	25	21.79	21.69	21.92	23.00
		1	49	21.66	21.82	22.00	23.00
		25	0	20.54	20.80	20.86	22.00
		25	13	20.84	20.63	20.83	22.00
		25	25	20.73	20.81	20.97	22.00
		50	0	20.76	20.83	20.82	22.00
		50	0	20.76	20.83	20.82	22.00
	64QAM	1	0	20.30	20.69	20.69	22.00
		1	25	20.33	20.62	20.72	22.00
		1	49	20.31	20.54	20.59	22.00
		25	0	19.33	19.58	19.61	21.00
		25	13	19.44	19.66	19.80	21.00
		25	25	19.35	19.73	19.70	21.00
		50	0	19.31	19.72	19.61	21.00
		50	0	19.31	19.72	19.61	21.00
	256QAM	1	0	17.36	17.48	17.52	19.00
		1	25	17.40	17.64	17.78	19.00
		1	49	17.23	17.59	17.66	19.00
		25	0	17.13	17.64	17.60	19.00
		25	13	17.39	17.64	17.73	19.00
		25	25	17.23	17.53	17.66	19.00
		50	0	17.19	17.69	17.55	19.00
		50	0	17.19	17.69	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.51	22.48	22.59	24.00
		1	38	22.37	22.49	22.56	24.00
		1	74	22.38	22.60	22.54	24.00
		36	0	21.61	21.57	21.65	23.00
		36	18	21.64	21.55	21.65	23.00
		36	39	21.57	21.65	21.66	23.00
		75	0	21.61	21.51	21.70	23.00
		75	0	21.61	21.51	21.70	23.00

	16QAM	1	0	21.62	21.77	21.79	23.00
		1	38	21.73	21.82	21.77	23.00
		1	74	21.74	21.81	21.85	23.00
		36	0	20.62	20.56	20.66	22.00
		36	18	20.56	20.56	20.65	22.00
		36	39	20.58	20.66	20.65	22.00
		75	0	20.67	20.56	20.74	22.00
	64QAM	1	0	20.37	20.64	20.77	22.00
		1	38	20.35	20.64	20.73	22.00
		1	74	20.38	20.55	20.56	22.00
		36	0	19.35	19.64	19.63	21.00
		36	18	19.42	19.62	19.90	21.00
		36	39	19.33	19.64	19.75	21.00
		75	0	19.24	19.69	19.65	21.00
	256QAM	1	0	17.36	17.44	17.51	19.00
		1	38	17.35	17.62	17.79	19.00
		1	74	17.23	17.60	17.62	19.00
		36	0	17.13	17.64	17.61	19.00
		36	18	17.38	17.65	17.74	19.00
		36	39	17.25	17.56	17.64	19.00
		75	0	17.21	17.68	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.58	22.76	22.65	24.00
		1	50	22.36	22.61	22.47	24.00
		1	99	22.66	22.59	22.69	24.00
		50	0	21.53	21.52	21.60	23.00
		50	25	21.56	21.49	21.67	23.00
		50	50	21.55	21.59	21.77	23.00
		100	0	21.56	21.61	21.59	23.00
	16QAM	1	0	21.74	21.76	21.86	23.00
		1	50	21.62	21.75	21.70	23.00
		1	99	21.65	21.81	21.74	23.00
		50	0	20.56	20.58	20.65	22.00
		50	25	20.57	20.67	20.73	22.00
		50	50	20.63	20.65	20.65	22.00
		100	0	20.67	20.67	20.65	22.00
	64QAM	1	0	20.40	20.68	20.69	22.00
		1	50	20.33	20.66	20.68	22.00
		1	99	20.40	20.53	20.58	22.00
		50	0	19.43	19.55	19.58	21.00
		50	25	19.40	19.65	19.85	21.00
		50	50	19.32	19.65	19.71	21.00
		100	0	19.21	19.72	19.64	21.00
	256QAM	1	0	17.40	17.52	17.53	19.00
		1	50	17.43	17.67	17.83	19.00
		1	99	17.29	17.62	17.70	19.00
		50	0	17.20	17.72	17.64	19.00
		50	25	17.41	17.66	17.80	19.00
		50	50	17.28	17.59	17.67	19.00
		100	0	17.24	17.75	17.63	19.00

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.76	22.63	22.58	22.80	22.75	24.00
		1	13	22.78	22.66	22.72	22.86	22.81	24.00
		1	24	22.52	22.73	22.71	22.92	22.84	24.00
		12	0	21.67	21.69	21.75	21.90	21.81	23.00
		12	6	21.78	21.75	21.78	21.94	21.84	23.00
		12	13	21.62	21.67	21.79	21.85	21.80	23.00
		25	0	21.61	21.77	21.80	21.85	21.83	23.00
	16QAM	1	0	21.89	21.72	21.74	21.93	21.96	23.00
		1	13	21.93	21.90	21.95	22.02	22.02	23.00
		1	24	21.68	21.83	21.90	22.00	21.76	22.00
		12	0	20.63	20.71	20.67	20.90	20.81	22.00
		12	6	20.64	20.67	20.78	20.85	20.85	22.00
		12	13	20.66	20.69	20.78	20.89	20.83	22.00
		25	0	20.73	20.74	20.86	20.92	20.83	22.00
	64QAM	1	0	20.66	20.70	20.80	20.90	20.83	22.00
		1	13	20.69	20.72	20.81	20.94	20.85	22.00
		1	24	20.75	20.73	20.84	20.96	20.83	22.00
		12	0	19.64	19.66	19.63	19.92	19.83	21.00
		12	6	19.66	19.67	19.75	19.82	19.82	21.00
		12	13	19.68	19.67	19.83	19.89	19.81	21.00
		25	0	19.71	19.75	19.83	19.91	19.79	21.00
	256QAM	1	0	17.68	17.64	17.64	17.94	17.84	19.00
		1	13	17.71	17.67	17.71	17.84	17.85	19.00
		1	24	17.64	17.63	17.81	17.92	17.82	19.00
		12	0	17.74	17.73	17.83	17.96	17.81	19.00
		12	6	17.74	17.67	17.73	17.86	17.82	19.00
		12	13	17.65	17.59	17.78	17.88	17.83	19.00
		25	0	17.79	17.75	17.84	18.01	17.86	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.59	22.59	22.60	22.75	22.73	24.00
		1	25	22.62	22.57	22.70	22.78	22.59	24.00
		1	49	22.53	22.62	22.76	22.75	22.77	24.00
		25	0	21.74	21.73	21.64	21.97	21.89	23.00
		25	13	21.70	21.72	21.89	21.97	21.89	23.00
		25	25	21.74	21.68	21.79	21.81	21.80	23.00
		50	0	21.60	21.71	21.77	21.93	21.90	23.00
	16QAM	1	0	21.80	21.75	21.80	21.92	21.89	23.00
		1	25	21.78	21.75	21.72	21.81	21.72	23.00
		1	49	21.73	21.66	21.65	21.78	21.72	22.00
		25	0	20.71	20.70	20.78	20.84	20.76	22.00
		25	13	20.79	20.80	20.74	20.97	20.78	22.00
		25	25	20.81	20.86	20.73	20.98	20.79	22.00
		50	0	20.78	20.78	20.91	21.00	20.79	22.00
	64QAM	1	0	20.66	20.65	20.83	20.89	20.86	22.00
		1	25	20.74	20.75	20.80	20.98	20.82	22.00
		1	49	20.72	20.71	20.85	21.00	20.88	22.00
		25	0	19.69	19.69	19.58	19.97	19.88	21.00
		25	13	19.69	19.63	19.79	19.86	19.78	21.00
		25	25	19.69	19.66	19.83	19.89	19.81	21.00

		50	0	19.72	19.80	19.86	19.89	19.78	21.00
	256QAM	1	0	17.67	17.62	17.62	17.93	17.87	19.00
		1	25	17.70	17.69	17.69	17.84	17.89	19.00
		1	49	17.62	17.60	17.81	17.97	17.86	19.00
		25	0	17.72	17.75	17.85	17.92	17.83	19.00
		25	13	17.72	17.62	17.70	17.89	17.80	19.00
		25	25	17.63	17.54	17.73	17.83	17.82	19.00
		50	0	17.78	17.77	17.88	18.00	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.32	22.52	22.49	22.71	22.73	24.00
		1	38	22.31	22.36	22.48	22.61	22.60	24.00
		1	74	22.38	22.52	22.61	22.67	22.67	24.00
		36	0	21.51	21.57	21.60	21.76	21.79	23.00
		36	18	21.58	21.64	21.61	21.81	21.72	23.00
		36	39	21.64	21.69	21.67	21.84	21.72	23.00
		75	0	21.72	21.72	21.68	21.77	21.76	23.00
	16QAM	1	0	21.55	21.59	21.70	21.76	21.80	23.00
		1	38	21.63	21.61	21.60	21.68	21.64	23.00
		1	74	21.59	21.65	21.73	21.82	21.74	22.00
		36	0	20.63	20.49	20.58	20.84	20.72	22.00
		36	18	20.49	20.57	20.60	20.70	20.65	22.00
		36	39	20.56	20.60	20.64	20.74	20.66	22.00
		75	0	20.59	20.69	20.71	20.82	20.83	22.00
	64QAM	1	0	20.69	20.68	20.79	20.94	20.81	22.00
		1	38	20.65	20.69	20.79	20.96	20.90	22.00
		1	74	20.76	20.71	20.82	20.92	20.88	22.00
		36	0	19.66	19.62	19.64	19.88	19.80	21.00
		36	18	19.71	19.66	19.78	19.85	19.86	21.00
		36	39	19.70	19.62	19.88	19.90	19.86	21.00
		75	0	19.71	19.71	19.79	19.90	19.79	21.00
	256QAM	1	0	17.67	17.66	17.61	17.89	17.82	19.00
		1	38	17.69	17.63	17.76	17.81	17.86	19.00
		1	74	17.60	17.66	17.79	17.94	17.79	19.00
		36	0	17.72	17.74	17.79	17.97	17.86	19.00
		36	18	17.75	17.71	17.68	17.90	17.82	19.00
		36	39	17.65	17.63	17.83	17.93	17.79	19.00
		75	0	17.80	17.70	17.87	18.04	17.91	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.51	22.56	22.52	22.58	22.68	24.00
		1	50	22.37	22.37	22.33	22.60	22.51	24.00
		1	99	22.43	22.46	22.61	22.72	22.64	24.00
		50	0	21.49	21.51	21.58	21.82	21.71	23.00
		50	25	21.62	21.53	21.60	21.74	21.69	23.00
		50	50	21.52	21.53	21.64	21.81	21.69	23.00
		100	0	21.53	21.59	21.70	21.80	21.82	23.00
	16QAM	1	0	21.57	21.64	21.74	21.84	21.87	23.00
		1	50	21.44	21.56	21.13	21.73	21.76	23.00
		1	99	21.60	21.53	21.73	21.79	21.79	22.00
		50	0	20.63	20.47	20.63	20.86	20.76	22.00
		50	25	20.53	20.69	20.64	20.79	20.87	22.00
		50	50	20.60	20.52	20.57	20.78	20.65	22.00
		100	0	20.69	20.65	20.66	20.76	20.86	22.00

	64QAM	1	0	20.62	20.73	20.81	20.86	20.79	22.00
		1	50	20.70	20.73	20.79	20.96	20.81	22.00
		1	99	20.71	20.70	20.84	20.91	20.79	22.00
		50	0	19.61	19.64	19.61	19.87	19.84	21.00
		50	25	19.67	19.63	19.71	19.86	19.77	21.00
		50	50	19.69	19.66	19.78	19.88	19.79	21.00
		100	0	19.75	19.70	19.82	19.95	19.82	21.00
	256QAM	1	0	17.67	17.60	17.61	17.89	17.88	19.00
		1	50	17.67	17.65	17.76	17.86	17.81	19.00
		1	99	17.64	17.64	17.85	17.95	17.79	19.00
		50	0	17.71	17.70	17.88	17.92	17.78	19.00
		50	25	17.79	17.62	17.72	17.84	17.80	19.00
		50	50	17.62	17.64	17.81	17.86	17.84	19.00
		100	0	17.74	17.75	17.80	17.96	17.81	19.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.51	23.66	23.64	24.00
		1	2	23.72	23.81	23.63	24.00
		1	5	23.80	23.82	23.84	24.00
		3	0	23.77	23.72	23.74	24.00
		3	1	23.67	23.68	23.79	24.00
		3	3	23.86	23.72	23.95	24.00
		6	0	22.85	22.79	22.92	23.00
	16QAM	1	0	22.45	22.51	22.35	23.00
		1	2	22.42	22.62	22.62	23.00
		1	5	22.62	22.73	22.63	23.00
		3	0	21.79	21.69	21.66	23.00
		3	1	21.58	21.65	21.63	23.00
		3	3	21.95	21.75	21.88	23.00
		6	0	21.75	21.70	21.77	22.00
	64QAM	1	0	21.71	21.69	21.73	22.00
		1	2	21.80	21.66	21.73	22.00
		1	5	21.70	21.73	21.73	22.00
		3	0	21.75	21.70	21.77	22.00
		3	1	21.70	21.72	21.77	22.00
		3	3	21.76	21.72	21.76	22.00
		6	0	20.72	20.68	20.76	21.00
	256QAM	1	0	18.75	18.74	18.76	19.00
		1	2	18.44	18.48	18.77	19.00
		1	5	18.85	18.69	18.88	19.00
		3	0	18.69	18.62	18.80	19.00
		3	1	18.46	18.48	18.84	19.00
		3	3	18.93	18.73	18.98	19.00

		6	0	18.59	18.67	18.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.66	23.71	23.60	24.00
		1	7	23.65	23.74	23.69	24.00
		1	14	23.66	23.74	23.91	24.00
		8	0	22.77	22.81	22.82	23.00
		8	4	22.61	22.82	22.79	23.00
		8	7	22.94	22.87	22.82	23.00
		15	0	22.83	22.79	22.81	23.00
	16QAM	1	0	22.31	22.52	22.40	23.00
		1	7	22.55	22.56	22.67	23.00
		1	14	22.55	22.68	22.62	23.00
		8	0	21.75	21.82	21.76	22.00
		8	4	21.59	21.59	21.69	22.00
		8	7	21.82	21.75	21.85	22.00
		15	0	21.74	21.68	21.77	22.00
	64QAM	1	0	21.75	21.78	21.80	22.00
		1	7	21.57	21.59	21.72	22.00
		1	14	21.87	21.75	21.85	22.00
		8	0	20.74	20.79	20.76	21.00
		8	4	20.55	20.58	20.77	21.00
		8	7	20.92	20.74	20.90	21.00
		15	0	20.77	20.74	20.81	21.00
	256QAM	1	0	18.73	18.75	18.69	19.00
		1	7	18.43	18.51	18.77	19.00
		1	14	18.86	18.71	18.86	19.00
		8	0	18.70	18.69	18.76	19.00
		8	4	18.44	18.47	18.84	19.00
		8	7	18.92	18.75	18.91	19.00
		15	0	18.62	18.73	18.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.51	23.62	23.70	24.00
		1	13	23.75	23.68	23.70	24.00
		1	24	23.82	23.73	23.93	24.00
		12	0	22.79	22.75	22.68	23.00
		12	6	22.74	22.84	22.93	23.00
		12	13	22.88	22.83	22.78	23.00
		25	0	22.76	22.77	22.89	23.00
	16QAM	1	0	22.30	22.48	22.43	23.00
		1	13	22.42	22.60	22.50	23.00
		1	24	22.66	22.73	22.72	23.00
		12	0	21.64	21.68	21.62	22.00
		12	6	21.69	21.72	21.68	22.00
		12	13	21.82	21.78	21.93	22.00
		25	0	21.78	21.77	21.89	22.00
	64QAM	1	0	21.72	21.75	21.76	22.00
		1	13	21.62	21.56	21.70	22.00
		1	24	21.86	21.77	21.80	22.00
		12	0	20.78	20.77	20.72	21.00
		12	6	20.59	20.60	20.77	21.00
		12	13	20.93	20.79	20.93	21.00
		25	0	20.77	20.72	20.85	21.00
	256QAM	1	0	18.74	18.80	18.74	19.00

		1	13	18.49	18.49	18.82	19.00
		1	24	18.88	18.72	18.92	19.00
		12	0	18.66	18.69	18.74	19.00
		12	6	18.46	18.48	18.84	19.00
		12	13	18.88	18.68	18.91	19.00
		25	0	18.63	18.69	18.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.65	23.65	23.68	24.00
		1	25	23.78	23.70	23.68	24.00
		1	49	23.78	23.85	23.83	24.00
		25	0	22.76	22.72	22.73	23.00
		25	13	22.69	22.85	22.84	23.00
		25	25	22.91	22.89	22.94	23.00
		50	0	22.79	22.85	22.88	23.00
	16QAM	1	0	22.44	22.51	22.38	23.00
		1	25	22.50	22.66	22.52	23.00
		1	49	22.61	22.69	22.71	23.00
		25	0	21.71	21.70	21.67	22.00
		25	13	21.66	21.59	21.64	22.00
		25	25	21.84	21.76	21.96	22.00
		50	0	21.78	21.66	21.82	22.00
	64QAM	1	0	21.73	21.74	21.75	22.00
		1	25	21.52	21.56	21.69	22.00
		1	49	21.86	21.75	21.86	22.00
		25	0	20.77	20.81	20.71	21.00
		25	13	20.53	20.58	20.75	21.00
		25	25	20.96	20.75	20.92	21.00
		50	0	20.73	20.79	20.85	21.00
	256QAM	1	0	18.79	18.76	18.69	19.00
		1	25	18.44	18.51	18.81	19.00
		1	49	18.91	18.75	18.90	19.00
		25	0	18.65	18.68	18.73	19.00
		25	13	18.43	18.48	18.77	19.00
		25	25	18.90	18.73	18.94	19.00
		50	0	18.58	18.67	18.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.49	23.64	23.58	24.00
		1	38	23.76	23.75	23.75	24.00
		1	74	23.80	23.79	23.93	24.00
		36	0	22.77	22.86	22.81	23.00
		36	18	22.69	22.73	22.81	23.00
		36	39	22.92	22.89	22.83	23.00
		75	0	22.81	22.75	22.99	23.00
	16QAM	1	0	22.39	22.40	22.33	23.00
		1	38	22.47	22.59	22.65	23.00
		1	74	22.62	22.64	22.64	23.00
		36	0	21.67	21.76	21.61	22.00
		36	18	21.66	21.65	21.53	22.00
		36	39	21.86	21.92	21.84	22.00
		75	0	21.75	21.66	21.80	22.00
	64QAM	1	0	21.79	21.82	21.82	22.00
		1	38	21.60	21.57	21.76	22.00
		1	74	21.85	21.73	21.86	22.00

		36	0	20.70	20.78	20.75	21.00
		36	18	20.59	20.54	20.78	21.00
		36	39	20.91	20.70	20.87	21.00
		75	0	20.72	20.73	20.84	21.00
	256QAM	1	0	18.73	18.74	18.70	19.00
		1	38	18.45	18.49	18.76	19.00
		1	74	18.90	18.75	18.89	19.00
		36	0	18.63	18.69	18.76	19.00
		36	18	18.45	18.49	18.77	19.00
		36	39	18.94	18.73	18.96	19.00
		75	0	18.65	18.72	18.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.57	23.65	23.62	24.00
		1	50	23.69	23.75	23.72	24.00
		1	99	23.75	23.85	23.82	24.00
		50	0	22.78	22.79	22.73	23.00
		50	25	22.68	22.86	22.76	23.00
		50	50	22.84	22.82	22.85	23.00
		100	0	22.79	22.82	22.89	23.00
	16QAM	1	0	22.37	22.44	22.37	23.00
		1	50	22.48	22.56	22.60	23.00
		1	99	22.60	22.64	22.72	23.00
		50	0	21.74	21.74	21.71	22.00
		50	25	21.64	21.68	21.63	22.00
		50	50	21.86	21.84	21.94	22.00
		100	0	21.82	21.76	21.81	22.00
	64QAM	1	0	21.76	21.76	21.76	22.00
		1	50	21.57	21.59	21.69	22.00
		1	99	21.85	21.80	21.82	22.00
		50	0	20.71	20.82	20.81	21.00
		50	25	20.60	20.63	20.72	21.00
		50	50	20.90	20.79	20.88	21.00
		100	0	20.75	20.76	20.78	21.00
	256QAM	1	0	18.72	18.78	18.71	19.00
		1	50	18.42	18.53	18.79	19.00
		1	99	18.90	18.73	18.93	19.00
		50	0	18.64	18.66	18.79	19.00
		50	25	18.46	18.48	18.79	19.00
		50	50	18.94	18.73	18.97	19.00
		100	0	18.59	18.72	18.79	19.00

LTE Band 71				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.56	23.46	23.47	24.00
		1	13	23.55	23.64	23.58	24.00
		1	24	23.33	23.41	23.34	24.00
		12	0	22.49	22.32	22.42	23.00
		12	6	22.42	22.36	22.28	23.00
		12	13	22.47	22.41	22.42	23.00
		25	0	22.47	22.59	22.53	23.00

	16QAM	1	0	22.71	22.54	22.62	23.00
		1	13	22.59	22.72	22.52	23.00
		1	24	22.53	22.67	22.52	23.00
		12	0	21.49	21.47	21.52	22.00
		12	6	21.40	21.30	21.40	22.00
		12	13	21.57	21.52	21.56	22.00
		25	0	21.47	21.46	21.43	22.00
	64QAM	1	0	21.78	21.76	21.80	22.00
		1	13	21.62	21.64	21.74	22.00
		1	24	21.90	21.76	21.86	22.00
		12	0	20.71	20.75	20.72	21.00
		12	6	20.53	20.57	20.72	21.00
		12	13	20.88	20.70	20.93	21.00
		25	0	20.78	20.75	20.85	21.00
	256QAM	1	0	18.76	18.78	18.72	19.00
		1	13	18.49	18.49	18.83	19.00
		1	24	18.87	18.70	18.86	19.00
		12	0	18.66	18.69	18.76	19.00
		12	6	18.48	18.48	18.79	19.00
		12	13	18.94	18.71	18.97	19.00
		25	0	18.63	18.67	18.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	23.43	23.43	23.45	24.00
		1	25	23.52	23.58	23.68	24.00
		1	49	23.49	23.44	23.44	24.00
		25	0	22.43	22.34	22.42	23.00
		25	13	22.39	22.32	22.43	23.00
		25	25	22.34	22.52	22.48	23.00
		50	0	22.46	22.57	22.49	23.00
	16QAM	1	0	22.63	22.54	22.65	23.00
		1	25	22.75	22.72	22.69	23.00
		1	49	22.65	22.57	22.61	23.00
		25	0	21.53	21.41	21.37	22.00
		25	13	21.39	21.43	21.49	22.00
		25	25	21.72	21.54	21.44	22.00
		50	0	21.49	21.45	21.45	22.00
	64QAM	1	0	21.80	21.74	21.82	22.00
		1	25	21.54	21.55	21.73	22.00
		1	49	21.91	21.73	21.89	22.00
		25	0	20.75	20.75	20.72	21.00
		25	13	20.54	20.60	20.77	21.00
		25	25	20.87	20.77	20.94	21.00
		50	0	20.77	20.70	20.85	21.00
	256QAM	1	0	18.79	18.79	18.76	19.00
		1	25	18.45	18.49	18.82	19.00
		1	49	18.86	18.71	18.88	19.00
		25	0	18.66	18.69	18.79	19.00
		25	13	18.45	18.50	18.78	19.00
		25	25	18.92	18.68	18.93	19.00
		50	0	18.63	18.73	18.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	23.49	23.43	23.42	24.00
		1	38	23.51	23.65	23.54	24.00

		1	74	23.36	23.41	23.34	24.00
		36	0	22.42	22.27	22.32	23.00
		36	18	22.32	22.33	22.40	23.00
		36	39	22.44	22.57	22.32	23.00
		75	0	22.49	22.46	22.62	23.00
	16QAM	1	0	22.56	22.67	22.56	23.00
		1	38	22.79	22.77	22.58	23.00
		1	74	22.55	22.71	22.60	23.00
		36	0	21.56	21.56	21.43	22.00
		36	18	21.37	21.45	21.43	22.00
		36	39	21.66	21.64	21.59	22.00
		75	0	21.46	21.52	21.44	22.00
	64QAM	1	0	21.72	21.73	21.81	22.00
		1	38	21.57	21.54	21.75	22.00
		1	74	21.83	21.72	21.80	22.00
		36	0	20.79	20.79	20.81	21.00
		36	18	20.57	20.61	20.77	21.00
		36	39	20.90	20.77	20.93	21.00
		75	0	20.72	20.77	20.86	21.00
	256QAM	1	0	18.72	18.74	18.76	19.00
		1	38	18.43	18.53	18.80	19.00
		1	74	18.86	18.73	18.90	19.00
		36	0	18.67	18.69	18.74	19.00
		36	18	18.45	18.47	18.81	19.00
		36	39	18.92	18.68	18.97	19.00
		75	0	18.60	18.70	18.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	23.51	23.48	23.42	24.00
		1	50	23.51	23.59	23.59	24.00
		1	99	23.40	23.46	23.41	24.00
		50	0	22.39	22.34	22.32	23.00
		50	25	22.35	22.39	22.38	23.00
		50	50	22.41	22.48	22.40	23.00
		100	0	22.55	22.49	22.52	23.00
	16QAM	1	0	22.66	22.57	22.55	23.00
		1	50	22.69	22.69	22.59	23.00
		1	99	22.62	22.61	22.52	23.00
		50	0	21.47	21.46	21.46	22.00
		50	25	21.41	21.36	21.46	22.00
		50	50	21.65	21.58	21.50	22.00
		100	0	21.39	21.44	21.47	22.00
	64QAM	1	0	21.75	21.75	21.78	22.00
		1	50	21.55	21.54	21.71	22.00
		1	99	21.83	21.79	21.85	22.00
		50	0	20.79	20.83	20.79	21.00
		50	25	20.51	20.56	20.79	21.00
		50	50	20.94	20.74	20.90	21.00
		100	0	20.75	20.69	20.81	21.00
	256QAM	1	0	18.80	18.81	18.77	19.00
		1	50	18.50	18.55	18.84	19.00
		1	99	18.92	18.76	18.94	19.00

		50	0	18.71	18.70	18.81	19.00
		50	25	18.49	18.51	18.85	19.00
		50	50	18.95	18.76	18.99	19.00
		100	0	18.66	18.74	18.85	19.00

Table 4 : Conducted Power of LTE

2 Conducted Power of Main Antenna (Ant1)

2.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251			128	190	251	Tune up
GSM(GMSK)	GSM	32.33	32.24	32.16	33.50	-9.19	23.14	23.05	22.97	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.22	32.23	32.21	33.50	-9.19	23.03	23.04	23.02	24.31
	2 TX Slots	30.85	30.66	30.81	31.00	-6.18	24.67	24.48	24.63	24.82
	3 TX Slots	29.21	29.19	29.12	29.50	-4.42	24.79	24.77	24.7	25.08
	4 TX Slots	27.57	27.87	27.56	28.00	-3.17	24.4	24.7	24.39	24.83
EGPRS(8PSK)	1 TX Slot	26.42	26.47	26.45	27.50	-9.19	17.23	17.28	17.26	18.31
	2 TX Slots	26.12	26.17	26.22	26.50	-6.18	19.94	19.99	20.04	20.32
	3 TX Slots	24.41	24.42	24.39	25.00	-4.42	19.99	20	19.97	20.58
	4 TX Slots	23.57	23.52	23.49	24.00	-3.17	20.4	20.35	20.32	20.83
GSM 1900 Receiver off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810			512	661	810	Tune up
GSM(GMSK)	GSM	29.13	29.14	28.93	30.00	-9.19	19.94	19.95	19.74	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.21	28.32	29.01	30.00	-9.19	20.02	19.13	19.82	20.81
	2 TX Slots	26.98	27.07	26.96	27.50	-6.18	20.8	20.89	20.78	21.32
	3 TX Slots	25.99	25.84	25.98	26.00	-4.42	21.57	21.42	21.56	21.58
	4 TX Slots	24.46	24.73	24.71	25.00	-3.17	21.29	21.56	21.54	21.83
EGPRS(8PSK)	1 TX Slot	24.94	24.78	24.86	26.50	-9.19	15.75	15.59	15.67	17.31
	2 TX Slots	24.42	24.42	24.40	25.50	-6.18	18.24	18.24	18.22	19.32
	3 TX Slots	23.00	22.96	22.91	24.00	-4.42	18.58	18.54	18.49	19.58
	4 TX Slots	22.52	22.56	22.61	23.00	-3.17	19.35	19.39	19.44	19.83
GSM 1900 Receiver on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810			512	661	810	Tune up
GSM(GMSK)	GSM	27.09	27.67	27.67	28.00	-9.19	17.9	18.48	18.48	18.81
GPRS/EGPRS (GMSK)	1 TX Slot	27.15	27.65	27.66	28.00	-9.19	17.96	18.46	18.47	18.81
	2 TX Slots	26.55	26.55	26.53	27.50	-6.18	20.37	20.37	20.35	21.32
	3 TX Slots	25.43	25.32	25.22	26.00	-4.42	21.01	20.9	20.8	21.58
	4 TX Slots	24.07	24.11	24.01	25.00	-3.17	20.9	20.94	20.84	21.83
EGPRS(8PSK)	1 TX Slot	25.31	25.18	25.22	26.50	-9.19	16.12	15.99	16.03	17.31
	2 TX Slots	24.45	24.44	24.36	25.50	-6.18	18.27	18.26	18.18	19.32
	3 TX Slots	23.24	23.43	23.39	24.00	-4.42	18.82	19.01	18.97	19.58
	4 TX Slots	22.29	22.30	22.17	23.00	-3.17	19.12	19.13	19	19.83

Table 5 : Conducted Power of GSM

2.2 Conducted Power of WCDMA

WCDMA Band II Receiver off/ Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.42	23.55	23.50	24.50
	12.2kbps AMR	23.36	23.49	23.42	24.50
HSDPA	Subtest 1	21.85	21.74	21.64	22.70
	Subtest 2	21.78	21.72	21.6	22.60
	Subtest 3	21.33	20.93	21.11	22.00
	Subtest 4	21.35	21.24	21.12	22.30
HSUPA	Subtest 1	21.77	21.66	21.6	22.60
	Subtest 2	19.8	19.66	19.55	20.60
	Subtest 3	20.75	20.7	20.55	21.60
	Subtest 4	19.79	19.66	19.58	20.50
	Subtest 5	21.8	21.7	21.6	22.70

DC-HSDPA	Subtest 1	21.72	21.61	21.51	22.70
	Subtest 2	21.68	21.62	21.5	22.60
	Subtest 3	21.18	20.78	20.96	22.00
	Subtest 4	21.21	21.1	20.98	22.30
HSPA+	16QAM	22.55	22.61	22.4	22.80
WCDMA Band II Receiver on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.91	19.95	19.89	21.00
	12.2kbps AMR	19.81	19.92	19.86	21.00
HSDPA	Subtest 1	18.31	18.26	18.19	19.20
	Subtest 2	18.23	18.22	18.12	19.10
	Subtest 3	17.78	17.44	17.6	18.50
	Subtest 4	17.8	17.77	17.58	18.80
HSUPA	Subtest 1	18.27	18.2	18.09	19.10
	Subtest 2	16.29	16.11	16.01	17.10
	Subtest 3	17.22	17.25	17.03	18.10
	Subtest 4	16.25	16.14	16.1	17.00
	Subtest 5	18.27	18.23	18.08	19.20
DC-HSDPA	Subtest 1	18.2	18.15	18.08	19.20
	Subtest 2	18.08	18.07	17.97	19.10
	Subtest 3	17.64	17.3	17.46	18.50
	Subtest 4	17.68	17.65	17.46	18.80
HSPA+	16QAM	17.95	17.88	17.9	19.30
WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.44	22.49	22.36	23.50
	12.2kbps AMR	22.37	22.47	22.34	23.50
HSDPA	Subtest 1	20.82	20.73	20.6	21.70
	Subtest 2	20.8	20.71	20.61	21.60
	Subtest 3	20.3	19.98	20.09	21.00
	Subtest 4	20.3	20.26	20.12	21.30
HSUPA	Subtest 1	20.78	20.68	20.62	21.60
	Subtest 2	18.82	18.61	18.58	19.60
	Subtest 3	19.76	19.72	19.53	20.60
	Subtest 4	18.79	18.71	18.59	19.50
	Subtest 5	20.85	20.75	20.56	21.70
DC-HSDPA	Subtest 1	20.69	20.6	20.47	21.70
	Subtest 2	20.66	20.57	20.47	21.60
	Subtest 3	20.19	19.87	19.98	21.00
	Subtest 4	20.17	20.13	19.99	21.30
HSPA+	16QAM	20.49	20.58	20.45	21.80
WCDMA Band IV Receiver off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.50	23.53	23.49	24.50
	12.2kbps AMR	23.46	23.45	23.43	24.50
HSDPA	Subtest 1	22.01	22.13	22.05	22.70
	Subtest 2	22.01	22.12	22.05	22.60
	Subtest 3	21.55	21.64	21.51	22.00

	Subtest 4	21.53	21.62	21.54	22.30
HSUPA	Subtest 1	21.98	22.09	22	22.60
	Subtest 2	19.95	20.1	20.01	20.60
	Subtest 3	20.97	21.05	20.99	21.60
	Subtest 4	19.96	20.08	19.98	20.50
	Subtest 5	22	22	22	22.70
DC-HSDPA	Subtest 1	21.88	22	21.92	22.70
	Subtest 2	21.91	22.02	21.95	22.60
	Subtest 3	21.45	21.54	21.41	22.00
	Subtest 4	21.43	21.52	21.44	22.30
HSPA+	16QAM	21.88	21.89	21.92	22.80
WCDMA Band IV Receiver on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.98	19.95	19.88	21.00
	12.2kbps AMR	19.96	19.92	19.85	21.00
HSDPA	Subtest 1	18.47	18.59	18.52	19.20
	Subtest 2	18.53	18.67	18.6	19.10
	Subtest 3	18.04	18.14	18.06	18.50
	Subtest 4	18.07	18.17	18	18.80
HSUPA	Subtest 1	18.49	18.6	18.49	19.10
	Subtest 2	16.41	16.62	16.52	17.10
	Subtest 3	17.48	17.56	17.51	18.10
	Subtest 4	16.43	16.53	16.49	17.00
	Subtest 5	18.49	18.47	18.5	19.20
DC-HSDPA	Subtest 1	18.34	18.46	18.39	19.20
	Subtest 2	18.43	18.57	18.5	19.10
	Subtest 3	17.92	18.02	17.94	18.50
	Subtest 4	17.93	18.03	17.86	18.80
HSPA+	16QAM	18.33	18.42	18.25	19.30
WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.44	24.36	24.27	24.50
	12.2kbps AMR	24.44	24.36	24.29	24.50
HSDPA	Subtest 1	21.79	21.73	21.6	23.50
	Subtest 2	21.85	21.7	21.57	23.50
	Subtest 3	21.35	21.2	21.09	23.00
	Subtest 4	21.33	21.23	21.08	23.00
HSUPA	Subtest 1	21.81	21.71	21.56	22.50
	Subtest 2	19.72	19.72	19.59	21.50
	Subtest 3	20.8	20.73	20.58	22.00
	Subtest 4	19.86	19.71	19.6	21.50
	Subtest 5	21.8	21.7	21.6	22.80
DC-HSDPA	Subtest 1	21.69	21.63	21.5	23.50
	Subtest 2	21.74	21.59	21.46	23.50
	Subtest 3	21.25	21.1	20.99	23.00
	Subtest 4	21.23	21.13	20.98	23.00
HSPA+	16QAM	21.51	21.47	21.28	23.50

Table 6 : Conducted Power of WCDMA

2.3 Conducted Power of CDMA

CDMA BC0(850MHz)				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	23.22	23.03	23.32	24.50
1XRTT RC3 SO55	23.24	23.05	23.35	24.50
1XRTT RC3 SO32 (+ F-SCH)	23.17	22.98	23.30	24.50
1XRTT RC3 SO32 (+ SCH)	23.31	23.15	23.36	24.50
1XEVD0 RTAP 153.6Kbps	22.87	23.03	22.94	24.50
1XEVD0 RETAP 4096Bits	22.94	23.10	22.89	24.50
CDMA BC0(850MHz) Receiver on + WLAN				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XRTT RC1 SO55	22.12	22.03	22.24	23.50
1XRTT RC3 SO55	22.15	21.98	22.30	23.50
1XRTT RC3 SO32 (+ F-SCH)	22.13	21.95	22.21	23.50
1XRTT RC3 SO32 (+ SCH)	22.31	22.15	22.27	23.50
1XEVD0 RTAP 153.6Kbps	21.79	21.93	21.89	23.50
1XEVD0 RETAP 4096Bits	21.92	22.01	21.80	23.50
CDMA BC1(1900MHz) Receiver off				
Average Conducted Power(dBm)				
Channel	25	600	1175	Tune up
1XRTT RC1 SO55	20.53	20.56	20.58	22.00
1XRTT RC3 SO55	20.62	20.56	20.49	22.00
1XRTT RC3 SO32 (+ F-SCH)	20.48	20.66	20.52	22.00
1XRTT RC3 SO32 (+ SCH)	20.58	20.48	20.48	22.00
1XEVD0 RTAP 153.6Kbps	20.54	20.58	20.48	22.00
1XEVD0 RETAP 4096Bits	20.50	20.66	20.58	22.00
CDMA BC1(1900MHz) Receiver on				
Average Conducted Power(dBm)				
Channel	25	600	1175	Tune up
1XRTT RC1 SO55	18.53	18.48	18.49	20.00
1XRTT RC3 SO55	18.56	18.44	18.39	20.00
1XRTT RC3 SO32 (+ F-SCH)	18.41	18.40	18.52	19.00
1XRTT RC3 SO32 (+ SCH)	18.41	18.24	18.29	19.00
1XEVD0 RTAP 153.6Kbps	18.34	18.45	18.34	19.00
1XEVD0 RETAP 4096Bits	18.38	18.46	18.35	19.00
CDMA BC10(835MHz)				
Average Conducted Power(dBm)				
Channel	476	580	684	Tune up

1XRTT RC1 SO55	24.15	24.22	24.23	24.50
1XRTT RC3 SO55	24.17	24.22	24.25	24.50
1XRTT RC3 SO32 (+ F-SCH)	24.15	24.20	24.22	24.50
1XRTT RC3 SO32 (+ SCH)	24.19	24.23	24.18	24.50
1XEVD0 RTAP 153.6Kbps	24.03	24.05	24.07	24.50
1XEVD0 RETAP 4096Bits	24.33	24.30	24.34	24.50

Table 7 : Conducted Power of CDMA

2.4 Conducted Power of LTE

LTE Band 2 Receiver off/Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.34	23.36	23.32	24.00
		1	2	23.32	23.41	23.41	24.00
		1	5	23.22	23.29	23.25	24.00
		3	0	23.36	23.36	23.37	24.00
		3	2	23.34	23.38	23.35	24.00
		3	3	23.29	23.33	23.32	24.00
		6	0	22.39	22.42	22.38	23.00
	16QAM	1	0	22.6	22.66	22.7	23.00
		1	2	22.69	22.73	22.68	23.00
		1	5	22.59	22.56	22.6	23.00
		3	0	22.39	22.47	22.42	23.00
		3	2	22.4	22.48	22.4	23.00
		3	3	22.38	22.41	22.34	23.00
		6	0	21.48	21.51	21.45	22.00
	64QAM	1	0	21.19	21.24	21.26	22.00
		1	2	21.15	21.09	21.18	22.00
		1	5	21.20	21.18	21.24	22.00
		3	0	21.15	21.12	21.05	22.00
		3	2	21.11	21.15	21.21	22.00
		3	3	21.05	21.04	20.94	22.00
		6	0	20.00	20.05	20.02	21.00
	256QAM	1	0	17.96	18.03	18.14	19.00
		1	2	18.01	17.98	17.99	19.00
		1	5	17.97	17.93	17.78	19.00
		3	0	17.81	17.93	18.05	19.00
		3	2	18.15	18.02	18.00	19.00
		3	3	17.93	18.02	17.74	19.00
		6	0	17.95	17.89	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	23.25	23.35	23.37	24.00
		1	7	23.21	23.18	23.27	24.00
		1	14	23.21	23.32	23.28	24.00
		8	0	22.36	22.42	22.39	23.00
		8	4	22.35	22.34	22.47	23.00
		8	7	22.37	22.48	22.44	23.00

	16QAM	15	0	22.41	22.35	22.37	23.00
		1	0	22.63	22.76	22.53	23.00
		1	7	22.62	22.66	22.67	23.00
		1	14	22.60	22.61	22.67	23.00
		8	0	21.36	21.41	21.43	22.00
		8	4	21.45	21.35	21.41	22.00
		8	7	21.33	21.42	21.42	22.00
		15	0	21.41	21.39	21.53	22.00
	64QAM	1	0	21.04	20.93	20.84	22.00
		1	7	20.90	20.86	20.80	22.00
		1	14	20.80	20.85	20.89	22.00
		8	0	20.02	20.00	20.13	21.00
		8	4	20.01	19.99	20.02	21.00
		8	7	20.01	19.99	19.83	21.00
		15	0	19.88	19.98	19.95	21.00
	256QAM	1	0	18.02	17.99	18.20	19.00
		1	7	18.13	17.92	18.10	19.00
		1	14	17.93	18.02	17.92	19.00
		8	0	17.77	17.92	18.00	19.00
		8	4	18.07	18.00	18.00	19.00
		8	7	18.04	18.12	17.73	19.00
		15	0	18.00	17.94	18.02	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.28	23.27	23.28	24.00
		1	13	23.28	23.24	23.33	24.00
		1	24	23.30	23.27	23.34	24.00
		12	0	22.32	22.39	22.41	23.00
		12	6	22.45	22.30	22.50	23.00
		12	13	22.41	22.41	22.46	23.00
		25	0	22.39	22.42	22.39	23.00
	16QAM	1	0	22.63	22.75	22.60	23.00
		1	13	22.57	22.55	22.58	23.00
		1	24	22.64	22.54	22.66	23.00
		12	0	21.30	21.41	21.39	22.00
		12	6	21.39	21.37	21.47	22.00
		12	13	21.43	21.38	21.47	22.00
		25	0	21.46	21.32	21.54	22.00
	64QAM	1	0	21.05	20.85	20.80	22.00
		1	13	20.98	20.90	20.83	22.00
		1	24	20.83	20.83	20.84	22.00
		12	0	19.97	19.99	20.05	21.00
		12	6	20.08	20.01	20.00	21.00
		12	13	19.95	20.01	19.87	21.00
		25	0	19.93	19.98	19.93	21.00
	256QAM	1	0	18.00	18.03	18.06	19.00
		1	13	18.14	17.98	18.01	19.00
		1	24	18.00	18.02	17.88	19.00
		12	0	17.77	17.89	18.08	19.00
		12	6	18.18	17.92	18.00	19.00
		12	13	18.04	18.03	17.79	19.00
		25	0	17.94	17.99	17.97	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	

10MHz	QPSK	1	0	23.45	23.52	23.43	24.00
		1	25	23.4	23.46	23.37	24.00
		1	49	23.32	23.36	23.42	24.00
		25	0	22.5	22.46	22.47	23.00
		25	13	22.48	22.46	22.45	23.00
		25	25	22.41	22.48	22.45	23.00
		50	0	22.45	22.41	22.42	23.00
	16QAM	1	0	22.76	22.71	22.72	23.00
		1	25	22.59	22.68	22.64	23.00
		1	49	22.66	22.79	22.73	23.00
		25	0	21.53	21.48	21.49	22.00
		25	13	21.49	21.48	21.51	22.00
		25	25	21.41	21.51	21.51	22.00
		50	0	21.48	21.46	21.47	22.00
	64QAM	1	0	20.91	20.97	20.70	22.00
		1	25	21.03	20.84	20.95	22.00
		1	49	20.72	20.73	20.80	22.00
		25	0	19.88	20.08	20.12	21.00
		25	13	20.10	20.01	20.01	21.00
		25	25	20.00	19.97	19.92	21.00
		50	0	19.90	19.92	19.88	21.00
	256QAM	1	0	17.92	18.00	18.12	19.00
		1	25	18.04	17.98	17.98	19.00
		1	49	17.89	18.03	17.84	19.00
		25	0	17.93	17.97	17.98	19.00
		25	13	18.18	17.86	17.92	19.00
		25	25	17.96	18.01	17.82	19.00
		50	0	17.97	18.01	18.00	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.24	23.28	23.31	24.00
		1	38	23.29	23.21	23.33	24.00
		1	74	23.26	23.27	23.33	24.00
		36	0	22.36	22.41	22.41	23.00
		36	18	22.44	22.31	22.40	23.00
		36	39	22.44	22.44	22.39	23.00
		75	0	22.45	22.32	22.49	23.00
	16QAM	1	0	22.64	22.77	22.61	23.00
		1	38	22.59	22.54	22.57	23.00
		1	74	22.62	22.60	22.67	23.00
		36	0	21.28	21.41	21.37	22.00
		36	18	21.45	21.39	21.48	22.00
		36	39	21.35	21.39	21.47	22.00
		75	0	21.42	21.33	21.51	22.00
	64QAM	1	0	21.02	20.86	20.86	22.00
		1	38	20.90	20.93	20.77	22.00
		1	74	20.81	20.80	20.88	22.00
		36	0	20.03	19.98	20.06	21.00
		36	18	20.07	20.00	19.99	21.00
		36	39	19.96	19.96	19.84	21.00
		75	0	19.91	19.97	19.93	21.00
	256QAM	1	0	17.97	18.03	18.09	19.00
		1	38	18.15	17.96	18.05	19.00
		1	74	17.95	18.06	17.91	19.00
		36	0	17.93	17.92	18.07	19.00

		36	18	18.19	17.95	18.00	19.00
		36	39	17.95	18.06	17.70	19.00
		75	0	17.88	17.98	18.03	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.32	23.30	23.26	24.00
		1	50	23.26	23.24	23.31	24.00
		1	99	23.25	23.30	23.29	24.00
		50	0	22.46	22.40	22.39	23.00
		50	25	22.40	22.36	22.36	23.00
		50	50	22.40	22.43	22.45	23.00
		100	0	22.41	22.37	22.43	23.00
	16QAM	1	0	22.64	22.71	22.58	23.00
		1	50	22.58	22.60	22.62	23.00
		1	99	22.62	22.58	22.65	23.00
		50	0	21.34	21.41	21.41	22.00
		50	25	21.41	21.39	21.47	22.00
		50	50	21.39	21.43	21.41	22.00
		100	0	21.43	21.34	21.48	22.00
	64QAM	1	0	20.99	20.91	20.82	22.00
		1	50	20.95	20.89	20.83	22.00
		1	99	20.83	20.85	20.89	22.00
		50	0	20.00	20.02	20.09	21.00
		50	25	20.07	19.98	20.03	21.00
		50	50	19.95	19.95	19.88	21.00
		100	0	19.89	19.92	19.96	21.00
	256QAM	1	0	17.99	17.99	18.13	19.00
		1	50	18.07	17.98	18.06	19.00
		1	99	17.92	17.99	17.85	19.00
		50	0	17.85	17.96	18.01	19.00
		50	25	18.14	17.94	18.00	19.00
		50	50	17.98	18.05	17.77	19.00
		100	0	17.93	17.97	18.04	19.00

LTE Band 2 Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.4	19.42	19.42	20.00
		1	2	19.4	19.45	19.41	20.00
		1	5	19.32	19.33	19.33	20.00
		3	0	19.44	19.47	19.43	20.00
		3	2	19.45	19.49	19.44	20.00
		3	3	19.41	19.43	19.39	20.00
		6	0	19.42	19.5	19.48	20.00
	16QAM	1	0	19.74	19.82	19.72	20.00
		1	2	19.75	19.82	19.74	20.00
		1	5	19.6	19.74	19.71	20.00
		3	0	19.49	19.52	19.49	20.00
		3	2	19.45	19.54	19.54	20.00
		3	3	19.43	19.45	19.46	20.00
		6	0	19.5	19.58	19.51	20.00
	64QAM	1	0	19.70	19.77	19.72	20.00

		1	2	19.72	19.79	19.73	20.00
		1	5	19.55	19.75	19.67	20.00
		3	0	19.49	19.55	19.53	20.00
		3	2	19.45	19.59	19.59	20.00
		3	3	19.48	19.49	19.43	20.00
		6	0	19.47	19.53	19.50	20.00
	64QAM	1	0	17.95	18.05	18.11	19.00
		1	2	18.03	17.98	18.01	19.00
		1	5	17.94	17.89	17.77	19.00
		3	0	17.76	17.93	18.05	19.00
		3	2	18.18	18.05	18.05	19.00
		3	3	17.92	18.01	17.73	19.00
		6	0	17.95	17.86	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.39	19.45	19.36	20.00
		1	7	19.31	19.45	19.38	20.00
		1	14	19.28	19.41	19.46	20.00
		8	0	19.4	19.38	19.48	20.00
		8	4	19.54	19.43	19.44	20.00
		8	7	19.39	19.49	19.56	20.00
		15	0	19.47	19.41	19.56	20.00
	16QAM	1	0	19.71	19.62	19.79	20.00
		1	7	19.61	19.66	19.68	20.00
		1	14	19.63	19.65	19.76	20.00
		8	0	19.53	19.48	19.48	20.00
		8	4	19.37	19.54	19.53	20.00
		8	7	19.46	19.58	19.48	20.00
		15	0	19.55	19.36	19.58	20.00
	64QAM	1	0	19.66	19.78	19.72	20.00
		1	7	19.71	19.83	19.73	20.00
		1	14	19.51	19.70	19.65	20.00
		8	0	19.47	19.57	19.51	20.00
		8	4	19.49	19.62	19.59	20.00
		8	7	19.47	19.45	19.47	20.00
		15	0	19.49	19.48	19.52	20.00
	256QAM	1	0	17.95	18.03	18.12	19.00
		1	7	17.99	17.96	18.06	19.00
		1	14	17.94	17.86	17.72	19.00
		8	0	17.79	17.95	18.09	19.00
		8	4	18.18	18.02	18.04	19.00
		8	7	17.91	17.97	17.71	19.00
		15	0	17.92	17.88	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.49	19.43	19.42	20.00
		1	13	19.36	19.33	19.32	20.00
		1	24	19.23	19.45	19.48	20.00
		12	0	19.37	19.48	19.44	20.00
		12	6	19.41	19.44	19.56	20.00
		12	13	19.42	19.5	19.53	20.00
		25	0	19.49	19.43	19.6	20.00
	16QAM	1	0	19.68	19.7	19.75	20.00
		1	13	19.66	19.76	19.68	20.00

		1	24	19.59	19.62	19.8	20.00
		12	0	19.46	19.43	19.42	20.00
		12	6	19.4	19.38	19.51	20.00
		12	13	19.38	19.51	19.54	20.00
		25	0	19.51	19.51	19.55	20.00
	64QAM	1	0	19.65	19.72	19.67	20.00
		1	13	19.71	19.74	19.68	20.00
		1	24	19.53	19.72	19.70	20.00
		12	0	19.49	19.57	19.57	20.00
		12	6	19.49	19.59	19.64	20.00
		12	13	19.49	19.52	19.40	20.00
		25	0	19.47	19.55	19.51	20.00
	256QAM	1	0	17.91	18.04	18.07	19.00
		1	13	18.05	18.02	18.00	19.00
		1	24	17.94	17.84	17.74	19.00
		12	0	17.72	17.89	18.04	19.00
		12	6	18.20	18.01	18.05	19.00
		12	13	17.91	17.98	17.71	19.00
		25	0	17.91	17.88	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.46	19.43	19.34	20.00
		1	25	19.36	19.36	19.43	20.00
		1	49	19.29	19.35	19.48	20.00
		25	0	19.45	19.54	19.36	20.00
		25	13	19.54	19.4	19.51	20.00
		25	25	19.48	19.45	19.5	20.00
		50	0	19.44	19.44	19.56	20.00
	16QAM	1	0	19.62	19.66	19.79	20.00
		1	25	19.74	19.62	19.7	20.00
		1	49	19.6	19.62	19.75	20.00
		25	0	19.51	19.47	19.42	20.00
		25	13	19.47	19.4	19.47	20.00
		25	25	19.41	19.59	19.55	20.00
		50	0	19.42	19.46	19.47	20.00
	64QAM	1	0	19.73	19.73	19.71	20.00
		1	25	19.77	19.76	19.69	20.00
		1	49	19.56	19.74	19.70	20.00
		25	0	19.44	19.53	19.57	20.00
		25	13	19.43	19.62	19.55	20.00
		25	25	19.47	19.51	19.39	20.00
		50	0	19.46	19.57	19.51	20.00
	256QAM	1	0	17.99	18.10	18.14	19.00
		1	25	18.07	18.01	18.06	19.00
		1	49	17.97	17.86	17.76	19.00
		25	0	17.72	17.96	18.08	19.00
		25	13	18.14	18.06	18.06	19.00
		25	25	17.95	18.05	17.70	19.00
		50	0	17.96	17.91	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.34	19.45	19.37	20.00
		1	38	19.35	19.38	19.33	20.00
		1	74	19.25	19.38	19.45	20.00

		36	0	19.39	19.44	19.5	20.00
		36	18	19.43	19.46	19.44	20.00
		36	39	19.41	19.54	19.47	20.00
		75	0	19.53	19.52	19.52	20.00
	16QAM	1	0	19.57	19.73	19.7	20.00
		1	38	19.69	19.61	19.69	20.00
		1	74	19.74	19.66	19.7	20.00
		36	0	19.43	19.4	19.47	20.00
		36	18	19.45	19.38	19.54	20.00
		36	39	19.42	19.46	19.54	20.00
		75	0	19.39	19.48	19.61	20.00
	64QAM	1	0	19.72	19.72	19.74	20.00
		1	38	19.75	19.79	19.77	20.00
		1	74	19.52	19.75	19.71	20.00
		36	0	19.51	19.59	19.54	20.00
		36	18	19.40	19.56	19.54	20.00
		36	39	19.49	19.44	19.46	20.00
		75	0	19.43	19.54	19.45	20.00
	256QAM	1	0	17.95	18.00	18.13	19.00
		1	38	17.99	17.98	17.96	19.00
		1	74	17.91	17.92	17.82	19.00
		36	0	17.79	17.96	18.02	19.00
		36	18	18.18	18.00	18.01	19.00
		36	39	17.92	18.02	17.74	19.00
		75	0	17.90	17.81	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.41	19.38	19.41	20.00
		1	50	19.31	19.38	19.35	20.00
		1	99	19.3	19.38	19.42	20.00
		50	0	19.39	19.46	19.44	20.00
		50	25	19.47	19.45	19.52	20.00
		50	50	19.46	19.47	19.51	20.00
		100	0	19.46	19.44	19.52	20.00
	16QAM	1	0	19.65	19.7	19.71	20.00
		1	50	19.67	19.69	19.71	20.00
		1	99	19.67	19.66	19.72	20.00
		50	0	19.45	19.47	19.45	20.00
		50	25	19.45	19.46	19.52	20.00
		50	50	19.45	19.51	19.52	20.00
		100	0	19.47	19.44	19.54	20.00
	64QAM	1	0	19.74	19.82	19.74	20.00
		1	50	19.67	19.84	19.74	20.00
		1	99	19.60	19.80	19.62	20.00
		50	0	19.45	19.50	19.49	20.00
		50	25	19.43	19.62	19.62	20.00
		50	50	19.43	19.52	19.46	20.00
		100	0	19.51	19.50	19.47	20.00
	256QAM	1	0	17.93	18.03	18.13	19.00
		1	50	18.08	18.02	17.98	19.00
		1	99	17.99	17.88	17.82	19.00
		50	0	17.72	17.96	18.07	19.00
		50	25	18.21	18.05	18.03	19.00
		50	50	17.91	17.99	17.75	19.00