

Appendix E

Conducted RF Output Power Table

Measurement of RF Conducted Power	
1	Conducted Power of Main Antenna (Ant0)
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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	251			128	190	251	
GSM(GMSK)	GSM	33.08	33.19	33.26	34.00	-9.19	23.89	24	24.07	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	33.05	33.16	33.28	34.00	-9.19	23.86	23.97	24.09	24.81
	2 TX Slots	30.03	30.15	30.19	31.00	-6.18	23.85	23.97	24.01	24.82
	3 TX Slots	27.51	27.64	27.75	29.20	-4.42	23.09	23.22	23.33	24.78
	4 TX Slots	26.56	26.67	26.77	28.00	-3.17	23.39	23.5	23.6	24.83
EGPRS(8PSK)	1 TX Slot	27.15	27.17	27.18	28.50	-9.19	17.96	17.98	17.99	19.31
	2 TX Slots	23.91	24.04	24.08	25.50	-6.18	17.73	17.86	17.9	19.32
	3 TX Slots	22.12	22.10	22.12	23.70	-4.42	17.7	17.68	17.7	19.28
	4 TX Slots	20.76	20.96	20.64	22.50	-3.17	17.59	17.79	17.47	19.33

GSM 1900 Hotspot off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.61	30.62	30.56	31.00	-9.19	21.42	21.43	21.37	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.59	30.55	30.52	31.00	-9.19	21.4	21.36	21.33	21.81
	2 TX Slots	27.37	27.52	27.54	28.00	-6.18	21.19	21.34	21.36	21.82
	3 TX Slots	25.39	25.54	25.56	26.20	-4.42	20.97	21.12	21.14	21.78
	4 TX Slots	23.91	24.06	24.01	25.00	-3.17	20.74	20.89	20.84	21.83
EGPRS(8PSK)	1 TX Slot	25.08	24.99	25.06	26.00	-9.19	15.89	15.8	15.87	16.81
	2 TX Slots	21.15	21.13	21.43	23.00	-6.18	14.97	14.95	15.25	16.82
	3 TX Slots	19.32	19.32	19.27	21.20	-4.42	14.9	14.9	14.85	16.78
	4 TX Slots	18.05	18.11	18.09	20.00	-3.17	14.88	14.94	14.92	16.83

GSM 1900 Hotspot on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	26.94	27.09	27.12	27.50	-9.19	17.75	17.9	17.93	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.98	27.12	27.17	27.50	-9.19	17.79	17.93	17.98	18.31
	2 TX Slots	23.81	23.94	24.02	24.50	-6.18	17.63	17.76	17.84	18.32
	3 TX Slots	21.84	21.97	22.12	22.70	-4.42	17.42	17.55	17.7	18.28
	4 TX Slots	20.38	20.56	20.64	21.50	-3.17	17.21	17.39	17.47	18.33
EGPRS(8PSK)	1 TX Slot	25.08	24.99	25.06	26.00	-9.19	15.89	15.8	15.87	16.81
	2 TX Slots	21.15	21.13	21.43	23.00	-6.18	14.97	14.95	15.25	16.82
	3 TX Slots	19.32	19.32	19.27	21.20	-4.42	14.9	14.9	14.85	16.78
	4 TX Slots	18.05	18.11	18.09	20.00	-3.17	14.88	14.94	14.92	16.83

Table 1 : Conducted Power of GSM

1.2 Conducted Power of WCDMA

WCDMA Band II Sensor off&Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.17	24.22	24.18	25.00
	12.2kbps AMR	24.20	24.20	24.21	25.00
HSDPA	Subtest 1	22.67	23.01	22.59	24.00
	Subtest 2	22.47	22.82	22.43	24.00
	Subtest 3	22.19	22.42	22.28	23.50
	Subtest 4	22.16	22.15	22.05	23.50
HSUPA	Subtest 1	22.72	22.91	22.42	24.00
	Subtest 2	20.44	20.81	20.50	22.00
	Subtest 3	21.35	21.58	21.59	23.00
	Subtest 4	20.61	20.20	20.20	22.00
DC-HSDPA	Subtest 5	22.62	22.72	22.43	24.00
	Subtest 1	22.66	22.85	22.42	24.00
	Subtest 2	22.59	22.93	22.40	24.00
	Subtest 3	22.17	22.36	22.37	23.50
	Subtest 4	22.15	22.22	21.99	23.50

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.24	22.29	22.28	23.00
	12.2kbps AMR	22.16	22.26	22.25	23.00
HSDPA	Subtest 1	20.57	20.88	20.47	22.00
	Subtest 2	20.33	20.68	20.30	22.00
	Subtest 3	20.06	20.32	20.18	21.50
	Subtest 4	20.03	20.01	19.91	21.50
HSUPA	Subtest 1	20.61	20.77	20.28	22.00
	Subtest 2	18.32	18.70	18.35	20.00
	Subtest 3	19.25	19.46	19.44	21.00
	Subtest 4	18.49	18.05	18.05	20.00
DC-HSDPA	Subtest 5	20.47	20.59	20.30	22.00
	Subtest 1	20.42	20.75	20.32	22.00
	Subtest 2	20.25	20.60	20.21	22.00
	Subtest 3	19.94	20.16	20.05	21.50
	Subtest 4	19.93	19.95	19.85	21.50



WCDMA Band II Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.52	18.65	18.63	19.50
	12.2kbps AMR	18.49	18.62	18.61	19.50
HSDPA	Subtest 1	16.97	17.28	16.82	18.50
	Subtest 2	16.70	17.06	16.65	18.50
	Subtest 3	16.42	16.68	16.56	18.00
	Subtest 4	16.38	16.36	16.28	18.00
HSUPA	Subtest 1	16.96	17.14	16.65	18.50
	Subtest 2	14.70	15.07	14.72	16.50
	Subtest 3	15.63	15.82	15.80	17.50
	Subtest 4	14.85	14.71	14.63	16.50
	Subtest 5	16.83	16.98	16.70	18.50
DC-HSDPA	Subtest 1	16.78	17.13	16.72	18.50
	Subtest 2	16.61	16.97	16.58	18.50
	Subtest 3	16.31	16.53	16.43	18.00
	Subtest 4	16.28	16.34	16.23	18.00

WCDMA Band IV Hotspot off&Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.18	24.19	24.18	25.00
	12.2kbps AMR	24.11	24.1	24.15	25.00
HSDPA	Subtest 1	22.45	22.73	22.36	24.00
	Subtest 2	22.26	22.55	22.17	24.00
	Subtest 3	21.95	22.17	22.05	23.50
	Subtest 4	21.91	21.89	21.76	23.50
HSUPA	Subtest 1	22.52	22.63	22.20	24.00
	Subtest 2	20.16	20.58	20.22	22.00
	Subtest 3	21.10	21.31	21.35	23.00
	Subtest 4	20.37	20.18	20.14	22.00
	Subtest 5	22.39	22.46	22.18	24.00
DC-HSDPA	Subtest 1	22.42	22.58	22.14	24.00
	Subtest 2	22.33	22.68	22.13	24.00
	Subtest 3	21.90	22.11	22.08	23.50
	Subtest 4	21.91	21.98	21.74	23.50



WCDMA Band IV Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.27	22.25	22.24	23.00
	12.2kbps AMR	22.2	22.21	22.2	23.00
HSDPA	Subtest 1	20.45	20.78	20.34	22.00
	Subtest 2	20.22	20.54	20.19	22.00
	Subtest 3	19.93	20.18	20.05	21.50
	Subtest 4	19.91	19.89	19.79	21.50
HSUPA	Subtest 1	20.51	20.66	20.17	22.00
	Subtest 2	18.17	18.57	18.22	20.00
	Subtest 3	19.11	19.35	19.34	21.00
	Subtest 4	18.39	18.12	18.23	20.00
	Subtest 5	20.36	20.47	20.15	22.00
DC-HSDPA	Subtest 1	20.27	20.62	20.22	22.00
	Subtest 2	20.13	20.46	20.09	22.00
	Subtest 3	19.83	20.05	19.94	21.50
	Subtest 4	19.82	19.81	19.70	21.50

WCDMA Band IV Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	18.58	18.52	18.55	19.50
	12.2kbps AMR	18.56	18.5	18.53	19.50
HSDPA	Subtest 1	16.83	17.13	16.72	18.50
	Subtest 2	16.59	16.93	16.51	18.50
	Subtest 3	16.29	16.58	16.46	18.00
	Subtest 4	16.24	16.25	16.16	18.00
HSUPA	Subtest 1	16.81	17.00	16.52	18.50
	Subtest 2	14.55	14.94	14.57	16.50
	Subtest 3	15.51	15.69	15.65	17.50
	Subtest 4	14.70	14.58	14.57	16.50
	Subtest 5	16.70	16.86	16.57	18.50
DC-HSDPA	Subtest 1	16.68	17.01	16.57	18.50
	Subtest 2	16.57	16.86	16.65	18.50
	Subtest 3	16.17	16.41	16.33	18.00
	Subtest 4	16.13	16.20	16.13	18.00

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.4	24.33	24.31	25.00
	12.2kbps AMR	24.37	24.29	24.3	25.00
HSDPA	Subtest 1	22.52	22.91	22.44	24.00
	Subtest 2	22.33	22.71	22.29	24.00
	Subtest 3	22.06	22.29	22.17	23.50
	Subtest 4	22.02	22.02	21.95	23.50
HSUPA	Subtest 1	22.59	22.77	22.31	24.00
	Subtest 2	20.30	20.66	20.36	22.00
	Subtest 3	21.21	21.47	21.47	23.00
	Subtest 4	20.51	20.10	20.09	22.00
	Subtest 5	22.47	22.59	22.29	24.00
DC-HSDPA	Subtest 1	22.52	22.72	22.29	24.00
	Subtest 2	22.44	22.80	22.30	24.00
	Subtest 3	22.03	22.25	22.25	23.50
	Subtest 4	22.02	22.09	21.86	23.50

Table 2 : Conducted Power of WCDMA

1.3 Conducted Power of LTE

LTE Band 2 Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.92	24.16	24.14	25.00
		1	2	23.95	24.05	24.00	25.00
		1	5	24.10	24.16	24.13	25.00
		3	0	24.02	24.00	24.22	25.00
		3	2	24.03	23.97	24.03	25.00
		3	3	24.17	23.98	24.14	25.00
		6	0	23.00	23.13	23.13	24.00
	16QAM	1	0	23.01	23.37	23.14	24.00
		1	2	22.81	22.85	23.12	24.00
		1	5	23.19	22.88	23.16	24.00
		3	0	22.98	23.12	23.12	24.00
		3	2	23.07	23.06	23.24	24.00
		3	3	22.97	22.93	23.07	24.00
		6	0	22.09	22.10	22.34	23.00
	64QAM	1	0	21.83	22.10	22.09	23.00
		1	2	21.89	22.01	21.95	23.00
		1	5	22.06	22.15	22.06	23.00
		3	0	22.00	21.92	22.21	23.00
		3	2	21.99	21.94	21.99	23.00
		3	3	22.16	21.90	22.12	23.00
		6	0	20.91	21.09	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.92	24.16	24.06	25.00
		1	7	24.12	24.20	24.15	25.00
		1	14	24.11	24.01	24.26	25.00
		8	0	23.05	23.04	23.09	24.00
		8	4	23.00	22.99	23.18	24.00
		8	7	22.94	22.96	23.10	24.00
		15	0	22.96	23.02	23.09	24.00
	16QAM	1	0	22.99	23.32	23.48	24.00
		1	7	22.96	23.12	23.07	24.00
		1	14	23.32	23.35	23.46	24.00
		8	0	22.14	22.16	22.27	23.00
		8	4	22.16	22.00	22.09	23.00
		8	7	21.97	22.08	22.04	23.00
		15	0	22.11	22.06	22.14	23.00
	16QAM	1	0	21.85	22.10	22.04	23.00
		1	7	22.09	22.18	22.06	23.00
		1	14	22.09	21.99	22.17	23.00
		8	0	21.04	21.00	21.08	22.00
		8	4	20.91	20.97	21.15	22.00
		8	7	20.89	20.88	21.07	22.00
		15	0	20.92	21.00	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.95	24.09	24.23	25.00

		1	13	24.10	24.07	24.27	25.00
		1	24	24.06	24.17	24.13	25.00
		12	0	22.96	23.01	23.22	24.00
		12	6	23.01	23.06	23.08	24.00
		12	13	22.96	22.98	23.11	24.00
		25	0	23.08	23.04	23.13	24.00
	16QAM	1	0	23.31	22.88	23.35	24.00
		1	13	23.32	23.41	23.13	24.00
		1	24	23.08	23.12	23.39	24.00
		12	0	21.94	22.04	22.09	23.00
		12	6	21.96	22.00	22.02	23.00
		12	13	21.99	21.96	21.99	23.00
	16QAM	25	0	21.96	21.99	22.04	23.00
		1	0	21.92	22.01	22.20	23.00
		1	13	22.06	22.03	22.22	23.00
		1	24	21.97	22.16	22.06	23.00
		12	0	20.92	20.99	21.16	22.00
		12	6	20.98	20.98	21.05	22.00
		12	13	20.93	20.94	21.08	22.00
		25	0	21.05	21.01	21.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	24.14	24.15	24.14	25.00
		1	25	24.01	24.05	24.10	25.00
		1	49	24.10	24.13	24.13	25.00
		25	0	23.03	23.02	23.06	24.00
		25	13	23.03	23.02	23.11	24.00
		25	25	22.98	22.94	23.03	24.00
	16QAM	50	0	23.01	22.99	23.09	24.00
		1	0	23.02	22.99	22.94	24.00
		1	25	23.01	22.89	23.05	24.00
		1	49	22.83	23.31	23.40	24.00
		25	0	21.99	21.95	22.13	23.00
		25	13	22.04	22.10	22.20	23.00
	64QAM	25	25	21.99	21.93	22.02	23.00
		50	0	22.01	21.92	22.07	23.00
		1	0	22.08	22.07	22.10	23.00
		1	25	21.94	22.02	22.07	23.00
		1	49	22.07	22.05	22.04	23.00
		25	0	20.97	20.96	21.04	22.00
15MHz	QPSK	25	13	20.94	21.01	21.10	22.00
		25	25	20.93	20.93	21.02	22.00
		50	0	20.96	20.98	21.06	22.00
	16QAM	1	0	23.88	23.90	24.21	25.00
		1	38	23.97	24.03	23.91	25.00
		1	74	23.83	24.17	24.03	25.00
	QPSK	36	0	23.07	22.98	23.08	24.00
		36	18	22.99	23.00	23.11	24.00
		36	39	22.99	22.98	23.09	24.00
		75	0	23.01	22.98	23.11	24.00
15MHz	16QAM	1	0	23.29	23.41	23.36	24.00
		1	38	23.41	22.84	23.57	24.00

		1	74	23.12	23.38	23.11	24.00
		36	0	22.04	22.03	22.08	23.00
		36	18	22.05	21.99	22.14	23.00
		36	39	21.95	21.92	22.13	23.00
		75	0	22.04	21.95	22.04	23.00
	64QAM	1	0	21.83	21.89	22.15	23.00
		1	38	21.92	21.98	21.88	23.00
		1	74	21.75	22.08	21.97	23.00
		36	0	21.02	20.91	21.07	22.00
		36	18	20.95	20.98	21.09	22.00
		36	39	20.91	20.91	21.07	22.00
		75	0	21.00	20.90	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	24.14	24.01	23.95	25.00
		1	50	24.21	24.22	24.14	25.00
		1	99	24.04	23.97	24.05	25.00
		50	0	23.11	23.30	23.22	24.00
		50	25	23.08	23.02	23.22	24.00
		50	50	23.11	22.94	23.22	24.00
		100	0	23.09	22.83	23.24	24.00
	16QAM	1	0	23.25	23.32	22.97	24.00
		1	50	23.29	23.33	23.48	24.00
		1	99	23.06	23.38	23.44	24.00
		50	0	22.05	21.98	22.26	23.00
		50	25	22.01	22.08	22.16	23.00
		50	50	22.11	21.94	22.18	23.00
		100	0	22.04	21.81	22.18	23.00
	64QAM	1	0	22.05	21.97	21.88	23.00
		1	50	22.13	22.13	22.09	23.00
		1	99	22.01	21.90	21.99	23.00
		50	0	21.05	21.21	21.19	22.00
		50	25	21.03	20.96	21.14	22.00
		50	50	21.02	20.87	21.15	22.00
		100	0	21.07	20.74	21.21	22.00



LTE Band 2 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.59	19.62	19.67	20.50
		1	2	19.61	19.62	19.72	20.50
		1	5	19.57	19.64	19.68	20.50
		3	0	19.61	19.64	19.72	20.50
		3	2	19.61	19.57	19.75	20.50
		3	3	19.59	19.62	19.74	20.50
		6	0	19.62	19.62	19.7	20.50
	16QAM	1	0	19.61	19.57	19.5	20.50
		1	2	19.54	19.62	19.69	20.50
		1	5	19.5	19.48	19.57	20.50
		3	0	19.68	19.55	19.7	20.50
		3	2	19.69	19.65	19.73	20.50
		3	3	19.58	19.42	19.75	20.50
		6	0	19.64	19.45	19.7	20.50
	64QAM	1	0	19.54	19.59	19.62	20.50
		1	2	19.59	19.54	19.66	20.50
		1	5	19.55	19.59	19.63	20.50
		3	0	19.56	19.55	19.70	20.50
		3	2	19.58	19.54	19.72	20.50
		3	3	19.52	19.60	19.72	20.50
		6	0	19.60	19.59	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.53	19.60	19.56	20.50
		1	7	19.60	19.62	19.74	20.50
		1	14	19.57	19.55	19.59	20.50
		8	0	19.77	19.58	19.89	20.50
		8	4	19.64	19.69	19.74	20.50
		8	7	19.65	19.49	19.82	20.50
		15	0	19.68	19.49	19.86	20.50
	16QAM	1	0	19.61	19.56	19.52	20.50
		1	7	19.50	19.59	19.68	20.50
		1	14	19.52	19.39	19.60	20.50
		8	0	19.70	19.48	19.86	20.50
		8	4	19.66	19.58	19.68	20.50
		8	7	19.64	19.47	19.72	20.50
		15	0	19.64	19.39	19.78	20.50
	16QAM	1	0	19.52	19.51	19.52	20.50
		1	7	19.53	19.61	19.73	20.50
		1	14	19.55	19.51	19.55	20.50
		8	0	19.74	19.50	19.85	20.50
		8	4	19.63	19.62	19.71	20.50
		8	7	19.62	19.42	19.78	20.50
		15	0	19.65	19.48	19.79	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.54	19.56	19.52	20.50
		1	13	19.57	19.64	19.73	20.50

		1	24	19.56	19.50	19.62	20.50
		12	0	19.77	19.59	19.82	20.50
		12	6	19.62	19.70	19.80	20.50
		12	13	19.66	19.51	19.81	20.50
		25	0	19.66	19.53	19.81	20.50
	16QAM	1	0	19.55	19.49	19.49	20.50
		1	13	19.55	19.62	19.66	20.50
		1	24	19.55	19.45	19.59	20.50
		12	0	19.73	19.54	19.80	20.50
		12	6	19.69	19.64	19.66	20.50
		12	13	19.60	19.46	19.70	20.50
		25	0	19.59	19.47	19.75	20.50
	16QAM	1	0	19.52	19.47	19.47	20.50
		1	13	19.56	19.63	19.65	20.50
		1	24	19.53	19.49	19.54	20.50
		12	0	19.69	19.51	19.81	20.50
		12	6	19.60	19.62	19.78	20.50
		12	13	19.61	19.44	19.77	20.50
		25	0	19.57	19.50	19.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	19.61	19.61	19.56	20.50
		1	25	19.63	19.63	19.70	20.50
		1	49	19.55	19.54	19.68	20.50
		25	0	19.71	19.55	19.82	20.50
		25	13	19.68	19.70	19.79	20.50
		25	25	19.72	19.51	19.82	20.50
		50	0	19.68	19.54	19.78	20.50
	16QAM	1	0	19.60	19.51	19.47	20.50
		1	25	19.53	19.60	19.64	20.50
		1	49	19.56	19.47	19.62	20.50
		25	0	19.73	19.47	19.80	20.50
		25	13	19.65	19.60	19.71	20.50
		25	25	19.60	19.41	19.77	20.50
		50	0	19.58	19.45	19.79	20.50
	64QAM	1	0	19.59	19.56	19.49	20.50
		1	25	19.59	19.55	19.62	20.50
		1	49	19.49	19.47	19.64	20.50
		25	0	19.62	19.47	19.81	20.50
		25	13	19.63	19.62	19.76	20.50
		25	25	19.64	19.44	19.80	20.50
		50	0	19.61	19.51	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	19.61	19.57	19.56	20.50
		1	38	19.61	19.67	19.73	20.50
		1	74	19.54	19.58	19.59	20.50
		36	0	19.78	19.56	19.82	20.50
		36	18	19.62	19.70	19.80	20.50
		36	39	19.71	19.48	19.80	20.50
		75	0	19.71	19.49	19.80	20.50
	16QAM	1	0	19.55	19.50	19.53	20.50
		1	38	19.53	19.60	19.65	20.50
		1	74	19.53	19.48	19.59	20.50

		36	0	19.73	19.53	19.80	20.50
		36	18	19.67	19.58	19.69	20.50
		36	39	19.58	19.46	19.69	20.50
		75	0	19.62	19.44	19.73	20.50
	64QAM	1	0	19.60	19.54	19.48	20.50
		1	38	19.60	19.65	19.70	20.50
		1	74	19.53	19.49	19.51	20.50
		36	0	19.73	19.51	19.79	20.50
		36	18	19.61	19.69	19.79	20.50
		36	39	19.67	19.43	19.78	20.50
		75	0	19.70	19.46	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	19.63	19.63	19.59	20.50
		1	50	19.66	19.8	19.79	20.50
		1	99	19.6	19.59	19.69	20.50
		50	0	19.81	19.9	19.81	20.50
		50	25	19.71	19.73	19.84	20.50
		50	50	19.73	19.55	19.88	20.50
		100	0	19.75	19.58	19.87	20.50
	16QAM	1	0	19.62	19.58	19.56	20.50
		1	50	19.56	19.67	19.74	20.50
		1	99	19.57	19.49	19.67	20.50
		50	0	19.77	19.56	19.88	20.50
		50	25	19.7	19.68	19.76	20.50
		50	50	19.65	19.5	19.78	20.50
		100	0	19.66	19.48	19.83	20.50
	64QAM	1	0	19.57	19.56	19.53	20.50
		1	50	19.57	19.78	19.75	20.50
		1	99	19.58	19.56	19.63	20.50
		50	0	19.77	19.89	19.79	20.50
		50	25	19.69	19.64	19.81	20.50
		50	50	19.64	19.51	19.85	20.50
		100	0	19.71	19.49	19.86	20.50



LTE Band 4 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.33	24.08	24.03	25.00
		1	2	24.24	23.94	24.13	25.00
		1	5	24.48	24.12	24.08	25.00
		3	0	24.22	24.09	24.08	25.00
		3	2	24.10	24.19	24.13	25.00
		3	3	24.11	24.22	24.11	25.00
		6	0	23.19	23.16	23.05	24.00
	16QAM	1	0	23.45	23.19	23.23	24.00
		1	2	23.57	23.13	23.26	24.00
		1	5	23.42	23.39	22.95	24.00
		3	0	23.21	23.18	23.12	24.00
		3	2	23.08	23.02	23.12	24.00
		3	3	23.16	23.01	23.13	24.00
		6	0	22.14	22.16	22.10	23.00
	64QAM	1	0	22.28	21.99	22.00	23.00
		1	2	22.20	21.87	22.05	23.00
		1	5	22.41	22.04	22.05	23.00
		3	0	22.21	22.07	21.99	23.00
		3	2	22.04	22.11	22.11	23.00
		3	3	22.10	22.15	22.06	23.00
		6	0	21.11	21.08	20.99	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.18	24.05	24.07	25.00
		1	7	24.15	24.15	24.11	25.00
		1	14	24.07	24.17	24.12	25.00
		8	0	23.13	23.14	23.11	24.00
		8	4	23.07	23.05	23.11	24.00
		8	7	23.09	23.13	23.09	24.00
		15	0	23.06	23.13	23.13	24.00
	16QAM	1	0	23.50	23.58	23.19	24.00
		1	7	23.54	23.22	23.28	24.00
		1	14	23.23	23.59	23.37	24.00
		8	0	22.14	22.11	22.15	23.00
		8	4	22.17	22.29	22.09	23.00
		8	7	22.09	22.11	22.13	23.00
		15	0	22.16	22.19	22.13	23.00
	64QAM	1	0	22.16	22.02	22.01	23.00
		1	7	22.10	22.13	22.09	23.00
		1	14	22.05	22.09	22.11	23.00
		8	0	21.09	21.07	21.04	22.00
		8	4	20.98	21.04	21.09	22.00
		8	7	21.06	21.06	21.07	22.00
		15	0	21.04	21.06	21.10	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	24.22	24.20	24.14	25.00
		1	13	24.11	24.13	24.07	25.00

		1	24	24.07	24.20	24.17	25.00
		12	0	23.10	23.23	23.16	24.00
		12	6	23.12	23.19	23.20	24.00
		12	13	23.16	23.16	23.11	24.00
		25	0	23.12	23.13	23.19	24.00
	16QAM	1	0	23.41	23.41	23.41	24.00
		1	13	23.37	23.61	22.87	24.00
		1	24	22.93	22.95	23.11	24.00
		12	0	22.14	22.12	22.14	23.00
		12	6	22.13	22.11	22.12	23.00
		12	13	22.07	22.12	22.07	23.00
		25	0	22.23	22.08	22.10	23.00
	64QAM	1	0	22.18	22.11	22.10	23.00
		1	13	22.08	22.11	21.98	23.00
		1	24	22.03	22.18	22.15	23.00
		12	0	21.09	21.21	21.11	22.00
		12	6	21.07	21.12	21.13	22.00
		12	13	21.08	21.12	21.06	22.00
		25	0	21.04	21.12	21.13	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	24.22	24.12	24.19	25.00
		1	25	24.22	24.18	24.15	25.00
		1	49	24.30	24.14	24.04	25.00
		25	0	23.04	23.21	23.10	24.00
		25	13	23.11	23.16	23.11	24.00
		25	25	23.31	23.14	23.13	24.00
		50	0	23.17	23.23	23.16	24.00
	16QAM	1	0	23.63	23.23	23.69	24.00
		1	25	22.95	23.45	23.08	24.00
		1	49	23.14	23.53	23.19	24.00
		25	0	22.04	22.14	22.13	23.00
		25	13	22.20	22.13	22.14	23.00
		25	25	22.30	22.09	22.12	23.00
		50	0	22.13	22.08	22.20	23.00
	64QAM	1	0	22.17	22.04	22.17	23.00
		1	25	22.16	22.09	22.13	23.00
		1	49	22.22	22.05	21.99	23.00
		25	0	20.97	21.16	21.03	22.00
		25	13	21.07	21.09	21.08	22.00
		25	25	21.28	21.13	21.07	22.00
		50	0	21.13	21.17	21.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	24.00	24.36	24.31	25.00
		1	38	24.40	24.13	24.43	25.00
		1	74	24.09	24.23	24.05	25.00
		36	0	23.05	23.10	23.04	24.00
		36	18	23.12	23.10	23.11	24.00
		36	39	23.07	23.11	23.11	24.00
		75	0	23.08	23.09	23.12	24.00
	16QAM	1	0	23.48	23.44	23.51	24.00
		1	38	23.62	23.65	23.12	24.00
		1	74	23.31	23.18	22.93	24.00

		36	0	22.06	22.13	22.00	23.00
		36	18	22.12	22.13	22.11	23.00
		36	39	22.10	22.07	22.08	23.00
		75	0	22.05	22.08	22.12	23.00
	64QAM	1	0	21.95	22.33	22.24	23.00
		1	38	22.37	22.05	22.42	23.00
		1	74	22.07	22.15	22.00	23.00
		36	0	21.00	21.08	20.97	22.00
		36	18	21.10	21.07	21.03	22.00
		36	39	21.06	21.03	21.04	22.00
		75	0	21.05	21.07	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	24.17	24.06	24.22	25.00
		1	50	24.07	24.36	24.08	25.00
		1	99	24.18	24.05	24.05	25.00
		50	0	23.07	23.23	23.11	24.00
		50	25	23.23	23.13	23.22	24.00
		50	50	23.12	23.15	23.18	24.00
		100	0	23.04	23.15	23.10	24.00
	16QAM	1	0	23.24	23.14	23.41	24.00
		1	50	23.54	23.65	23.56	24.00
		1	99	23.54	23.51	23.00	24.00
		50	0	22.06	22.19	22.09	23.00
		50	25	22.14	22.14	22.14	23.00
		50	50	22.07	22.06	22.25	23.00
		100	0	22.04	22.16	22.06	23.00
	64QAM	1	0	22.13	22.05	22.16	23.00
		1	50	22.00	22.33	22.05	23.00
		1	99	22.11	21.99	21.98	23.00
		50	0	20.99	21.18	21.03	22.00
		50	25	21.21	21.06	21.18	22.00
		50	50	21.05	21.07	21.17	22.00
		100	0	21.02	21.12	21.09	22.00



LTE Band 4 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.09	19.08	19.01	20.00
		1	2	19.15	19.11	19.07	20.00
		1	5	19.09	19.06	19.07	20.00
		3	0	19.11	19.1	19.03	20.00
		3	2	19.1	19.06	19.05	20.00
		3	3	19.1	19.07	19.06	20.00
		6	0	19.13	19.11	19.05	20.00
	16QAM	1	0	19.41	19.4	19.31	20.00
		1	2	19.35	19.45	19.33	20.00
		1	5	19.32	19.37	19.3	20.00
		3	0	19.05	19.1	19.07	20.00
		3	2	19.08	19.06	19.02	20.00
		3	3	19.09	19.02	19.1	20.00
		6	0	19.17	19.19	19.1	20.00
	64QAM	1	0	19.07	18.99	18.99	20.00
		1	2	19.14	19.04	18.98	20.00
		1	5	19.06	18.98	19.00	20.00
		3	0	19.03	19.01	18.99	20.00
		3	2	19.05	19.05	18.98	20.00
		3	3	19.03	19.06	19.01	20.00
		6	0	19.05	19.09	18.97	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.09	19.04	19.00	20.00
		1	7	19.12	19.06	19.04	20.00
		1	14	18.98	18.97	18.94	20.00
		8	0	18.91	19.18	19.08	20.00
		8	4	19.10	19.11	19.04	20.00
		8	7	19.01	19.07	19.05	20.00
		15	0	18.96	19.09	19.02	20.00
	16QAM	1	0	18.97	18.95	18.93	20.00
		1	7	19.05	19.02	19.00	20.00
		1	14	18.92	18.97	18.93	20.00
		8	0	18.89	19.14	18.97	20.00
		8	4	19.03	19.00	19.07	20.00
		8	7	19.06	19.03	19.01	20.00
		15	0	18.93	19.04	18.99	20.00
	64QAM	1	0	19.03	18.96	18.92	20.00
		1	7	19.08	19.03	19.01	20.00
		1	14	18.93	18.94	18.90	20.00
		8	0	18.86	19.10	19.01	20.00
		8	4	19.04	19.02	18.96	20.00
		8	7	18.95	19.04	18.97	20.00
		15	0	18.95	19.00	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19.09	19.02	19.04	20.00
		1	13	19.15	19.02	19.08	20.00

		1	24	18.96	18.94	18.92	20.00
		12	0	18.97	19.18	19.05	20.00
		12	6	19.06	19.05	19.06	20.00
		12	13	19.08	19.10	19.13	20.00
		25	0	19.00	19.07	19.01	20.00
	16QAM	1	0	18.93	18.98	18.95	20.00
		1	13	19.09	19.05	19.03	20.00
		1	24	18.89	18.98	18.94	20.00
		12	0	18.88	19.07	18.93	20.00
		12	6	18.97	18.97	19.00	20.00
		12	13	18.99	19.00	19.00	20.00
		25	0	18.84	19.02	18.91	20.00
	64QAM	1	0	19.00	18.93	18.96	20.00
		1	13	19.13	18.97	18.99	20.00
		1	24	18.89	18.90	18.91	20.00
		12	0	18.90	19.16	18.96	20.00
		12	6	19.01	18.97	19.05	20.00
		12	13	19.03	19.03	19.10	20.00
		25	0	18.97	19.00	18.97	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.09	19.04	19.02	20.00
		1	25	19.13	19.06	19.09	20.00
		1	49	19.00	18.96	18.98	20.00
		25	0	18.95	19.13	19.04	20.00
		25	13	19.07	19.11	19.10	20.00
		25	25	19.10	19.05	19.12	20.00
		50	0	19.01	19.05	19.07	20.00
	16QAM	1	0	18.98	18.96	18.95	20.00
		1	25	19.03	19.03	19.04	20.00
		1	49	18.92	18.96	18.94	20.00
		25	0	18.88	19.10	18.92	20.00
		25	13	18.98	18.99	19.02	20.00
		25	25	19.07	18.97	19.02	20.00
		50	0	18.84	19.03	18.99	20.00
	64QAM	1	0	19.05	18.96	19.00	20.00
		1	25	19.09	19.03	19.03	20.00
		1	49	18.95	18.92	18.97	20.00
		25	0	18.91	19.07	18.99	20.00
		25	13	19.02	19.03	19.01	20.00
		25	25	19.05	19.03	19.08	20.00
		50	0	18.92	19.00	19.01	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	19.05	18.98	19.04	20.00
		1	38	19.06	19.04	19.12	20.00
		1	74	18.91	19.00	18.94	20.00
		36	0	18.90	19.12	19.03	20.00
		36	18	19.13	19.12	19.06	20.00
		36	39	19.08	19.02	19.05	20.00
		75	0	18.97	19.04	19.06	20.00
	16QAM	1	0	18.94	18.93	18.95	20.00
		1	38	19.08	19.03	19.05	20.00
		1	74	18.89	18.92	18.98	20.00

		36	0	18.89	19.09	18.91	20.00
		36	18	18.98	18.98	19.02	20.00
		36	39	19.01	18.97	19.06	20.00
		75	0	18.87	18.99	18.95	20.00
	64QAM	1	0	18.96	18.97	18.98	20.00
		1	38	19.04	19.03	19.05	20.00
		1	74	18.86	18.93	18.88	20.00
		36	0	18.82	19.06	18.97	20.00
		36	18	19.09	19.09	19.03	20.00
		36	39	19.00	18.93	19.01	20.00
		75	0	18.92	18.95	19.03	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	19.12	19.08	19.07	20.00
		1	50	19.12	19.16	19.14	20.00
		1	99	19.01	19.01	19.02	20.00
		50	0	19	19.23	19.09	20.00
		50	25	19.14	19.13	19.12	20.00
		50	50	19.11	19.12	19.14	20.00
		100	0	19.04	19.11	19.08	20.00
	16QAM	1	0	19.02	19	19.03	20.00
		1	50	19.1	19.09	19.08	20.00
		1	99	18.95	18.99	18.99	20.00
		50	0	18.92	19.16	19	20.00
		50	25	19.05	19.04	19.09	20.00
		50	50	19.09	19.05	19.08	20.00
		100	0	18.94	19.05	19	20.00
	64QAM	1	0	19.05	19.03	18.98	20.00
		1	50	19.05	19.14	19.13	20.00
		1	99	18.92	18.93	18.95	20.00
		50	0	18.96	19.17	19.06	20.00
		50	25	19.10	19.11	19.10	20.00
		50	50	19.07	19.10	19.05	20.00
		100	0	19.03	19.05	18.99	20.00



LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.35	23.32	23.27	24.00
		1	2	23.33	23.36	23.28	24.00
		1	5	23.31	23.33	23.21	24.00
		3	0	23.31	23.32	23.24	24.00
		3	2	23.32	23.31	23.28	24.00
		3	3	23.33	23.29	23.25	24.00
		6	0	23.34	23.35	23.25	24.00
	16QAM	1	0	23.56	23.6	23.53	24.00
		1	2	23.56	23.6	23.52	24.00
		1	5	23.57	23.48	23.43	24.00
		3	0	23.31	23.34	23.22	24.00
		3	2	23.35	23.33	23.28	24.00
		3	3	23.35	23.32	23.28	24.00
		6	0	22.38	22.39	22.32	23.00
	64QAM	1	0	22.52	22.58	22.45	23.00
		1	2	22.54	22.53	22.48	23.00
		1	5	22.50	22.42	22.37	23.00
		3	0	22.22	22.25	22.18	23.00
		3	2	22.32	22.30	22.20	23.00
		3	3	22.28	22.30	22.19	23.00
		6	0	21.36	21.36	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.35	23.32	23.29	24.00
		1	7	23.29	23.31	23.29	24.00
		1	14	23.26	23.3	23.29	24.00
		8	0	23.3	23.31	23.26	24.00
		8	4	23.29	23.31	23.26	24.00
		8	7	23.3	23.28	23.23	24.00
		15	0	23.29	23.3	23.27	24.00
	16QAM	1	0	23.62	23.54	23.52	24.00
		1	7	23.44	23.5	23.4	24.00
		1	14	23.5	23.59	23.45	24.00
		8	0	22.36	22.4	22.33	23.00
		8	4	22.36	22.35	22.35	23.00
		8	7	22.37	22.34	22.29	23.00
		15	0	22.31	22.32	22.31	23.00
	64QAM	1	0	22.56	22.46	22.45	23.00
		1	7	22.41	22.45	22.33	23.00
		1	14	22.48	22.51	22.37	23.00
		8	0	21.34	21.39	21.25	22.00
		8	4	21.30	21.32	21.32	22.00
		8	7	21.29	21.29	21.22	22.00
		15	0	21.22	21.28	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.44	23.37	23.34	24.00
		1	13	23.32	23.35	23.3	24.00

		1	24	23.32	23.35	23.3	24.00
		12	0	23.34	23.38	23.35	24.00
		12	6	23.33	23.36	23.33	24.00
		12	13	23.34	23.33	23.26	24.00
		25	0	23.32	23.36	23.32	24.00
	16QAM	1	0	23.64	23.59	23.56	24.00
		1	13	23.51	23.54	23.48	24.00
		1	24	23.48	23.52	23.5	24.00
		12	0	22.29	22.37	22.34	23.00
		12	6	22.3	22.32	22.29	23.00
		12	13	22.3	22.3	22.25	23.00
		25	0	22.34	22.38	22.33	23.00
	64QAM	1	0	22.57	22.50	22.47	23.00
		1	13	22.44	22.48	22.46	23.00
		1	24	22.39	22.51	22.49	23.00
		12	0	21.26	21.36	21.32	22.00
		12	6	21.21	21.27	21.27	22.00
		12	13	21.26	21.27	21.18	22.00
		25	0	21.31	21.33	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.38	23.35	23.34	24.00
		1	25	23.37	23.34	23.35	24.00
		1	49	23.32	23.27	23.27	24.00
		25	0	23.25	23.38	23.32	24.00
		25	13	23.3	23.35	23.32	24.00
		25	25	23.4	23.35	23.29	24.00
		50	0	23.35	23.34	23.36	24.00
	16QAM	1	0	23.62	23.54	23.6	24.00
		1	25	23.6	23.59	23.56	24.00
		1	49	23.51	23.58	23.46	24.00
		25	0	22.3	22.39	22.34	23.00
		25	13	22.33	22.35	22.32	23.00
		25	25	22.43	22.29	22.32	23.00
		50	0	22.33	22.31	22.34	23.00
	64QAM	1	0	22.54	22.51	22.53	23.00
		1	25	22.59	22.54	22.51	23.00
		1	49	22.44	22.51	22.44	23.00
		25	0	21.23	21.36	21.33	22.00
		25	13	21.30	21.33	21.31	22.00
		25	25	21.41	21.28	21.23	22.00
		50	0	21.31	21.26	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.38	23.34	23.32	24.00
		1	38	23.39	23.34	23.32	24.00
		1	74	23.3	23.27	23.23	24.00
		36	0	23.24	23.34	23.27	24.00
		36	18	23.33	23.35	23.33	24.00
		36	39	23.31	23.29	23.28	24.00
		75	0	23.31	23.34	23.34	24.00
	16QAM	1	0	23.52	23.54	23.58	24.00
		1	38	23.6	23.56	23.54	24.00
		1	74	23.54	23.47	23.49	24.00

		36	0	22.27	22.36	22.29	23.00
		36	18	22.36	22.37	22.34	23.00
		36	39	22.31	22.32	22.29	23.00
		75	0	22.32	22.34	22.29	23.00
	64QAM	1	0	22.47	22.47	22.54	23.00
		1	38	22.53	22.53	22.51	23.00
		1	74	22.49	22.45	22.47	23.00
		36	0	21.25	21.27	21.26	22.00
		36	18	21.27	21.35	21.32	22.00
		36	39	21.25	21.28	21.26	22.00
		75	0	21.29	21.26	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	23.37	23.31	23.3	24.00
		1	50	23.4	23.34	23.33	24.00
		1	99	23.27	23.22	23.21	24.00
		50	0	23.37	23.41	23.37	24.00
		50	25	23.36	23.36	23.29	24.00
		50	50	23.35	23.37	23.35	24.00
		100	0	23.36	23.37	23.29	24.00
	16QAM	1	0	23.25	23.26	23.32	24.00
		1	50	23.3	23.36	23.25	24.00
		1	99	23.22	23.21	23.15	24.00
		50	0	21.95	22.13	21.99	23.00
		50	25	22.07	22.04	22	23.00
		50	50	22.02	22.06	22.07	23.00
		100	0	22.05	22.06	22	23.00
	64QAM	1	0	22.16	22.19	22.30	23.00
		1	50	22.26	22.30	22.19	23.00
		1	99	22.15	22.18	22.14	23.00
		50	0	20.92	21.09	20.96	22.00
		50	25	21.01	20.98	20.94	22.00
		50	50	20.94	20.98	21.00	22.00
		100	0	21.02	21.02	20.95	22.00

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	23.80	23.84	23.81	25.00
		1	2	23.87	23.88	23.81	25.00
		1	5	23.87	23.84	23.75	25.00
		3	0	23.83	23.86	23.83	25.00
		3	2	23.86	23.84	23.78	25.00
		3	3	23.84	23.84	23.78	25.00
		6	0	22.85	22.88	22.82	24.00
	16QAM	1	0	23.13	23.10	23.00	24.00
		1	2	23.10	23.14	23.06	24.00
		1	5	23.05	23.09	23.08	24.00
		3	0	22.82	22.87	22.81	24.00
		3	2	22.86	22.83	22.77	24.00
		3	3	22.83	22.78	22.74	24.00
		6	0	21.88	21.93	21.92	23.00
	64QAM	1	0	21.77	21.80	21.76	23.00
		1	2	21.86	21.83	21.79	23.00
		1	5	21.80	21.80	21.72	23.00
		3	0	21.80	21.84	21.76	23.00
		3	2	21.85	21.79	21.72	23.00
		3	3	21.76	21.75	21.75	23.00
		6	0	20.81	20.83	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.82	23.88	23.88	25.00
		1	7	23.83	23.87	23.82	25.00
		1	14	23.87	23.84	23.74	25.00
		8	0	22.81	22.82	22.85	24.00
		8	4	22.85	22.87	22.81	24.00
		8	7	22.84	22.82	22.80	24.00
		15	0	22.82	22.86	22.82	24.00
	16QAM	1	0	23.07	23.16	23.07	24.00
		1	7	23.04	23.08	23.09	24.00
		1	14	23.09	23.10	22.99	24.00
		8	0	21.88	21.89	21.92	23.00
		8	4	21.89	21.90	21.87	23.00
		8	7	21.94	21.92	21.89	23.00
		15	0	21.80	21.87	21.84	23.00
	64QAM	1	0	21.76	21.80	21.79	23.00
		1	7	21.80	21.79	21.76	23.00
		1	14	21.85	21.83	21.67	23.00
		8	0	20.78	20.76	20.79	22.00
		8	4	20.80	20.79	20.79	22.00
		8	7	20.83	20.80	20.77	22.00
		15	0	20.81	20.83	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.88	23.94	23.90	25.00
		1	13	23.91	23.91	23.93	25.00

		1	24	23.96	23.86	23.81	25.00
		12	0	22.89	22.92	22.94	24.00
		12	6	22.88	22.88	22.86	24.00
		12	13	22.85	22.84	22.83	24.00
		25	0	22.90	22.88	22.91	24.00
	16QAM	1	0	23.05	23.11	23.05	24.00
		1	13	23.16	23.20	23.08	24.00
		1	24	23.10	23.15	23.10	24.00
		12	0	21.86	21.90	21.94	23.00
		12	6	21.86	21.86	21.85	23.00
		12	13	21.83	21.83	21.83	23.00
		25	0	21.88	21.87	21.90	23.00
	64QAM	1	0	21.79	21.92	21.89	23.00
		1	13	21.90	21.83	21.88	23.00
		1	24	21.90	21.81	21.77	23.00
		12	0	20.85	20.85	20.87	22.00
		12	6	20.79	20.87	20.84	22.00
		12	13	20.81	20.80	20.76	22.00
		25	0	20.82	20.80	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.82	23.89	23.80	25.00
		1	25	23.91	23.92	23.86	25.00
		1	49	23.87	23.86	23.81	25.00
		25	0	22.90	22.93	22.84	24.00
		25	13	22.91	22.85	22.86	24.00
		25	25	22.90	22.90	22.88	24.00
		50	0	22.94	22.90	22.89	24.00
	16QAM	1	0	23.07	23.07	23.05	24.00
		1	25	23.15	23.09	23.00	24.00
		1	49	23.06	23.09	22.99	24.00
		25	0	21.93	21.87	21.88	23.00
		25	13	21.91	21.88	21.89	23.00
		25	25	21.90	21.92	21.90	23.00
		50	0	21.91	21.93	21.88	23.00
	64QAM	1	0	21.74	21.81	21.78	23.00
		1	25	21.90	21.91	21.78	23.00
		1	49	21.78	21.85	21.77	23.00
		25	0	20.88	20.89	20.77	22.00
		25	13	20.84	20.77	20.79	22.00
		25	25	20.85	20.83	20.85	22.00
		50	0	20.92	20.81	20.87	22.00



LTE Band 7 Sensor off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.25	24.34	24.37	25.00
		1	13	24.33	24.33	24.40	25.00
		1	24	24.30	24.36	24.42	25.00
		12	0	23.23	23.34	23.40	24.00
		12	6	23.21	23.33	23.34	24.00
		12	13	23.27	23.25	23.34	24.00
		25	0	23.22	23.29	23.34	24.00
	16QAM	1	0	23.43	23.42	23.46	24.00
		1	13	23.49	23.51	23.49	24.00
		1	24	23.50	23.48	23.52	24.00
		12	0	22.22	22.30	22.40	23.00
		12	6	22.19	22.31	22.34	23.00
		12	13	22.28	22.23	22.31	23.00
		25	0	22.25	22.30	22.36	23.00
	64QAM	1	0	22.19	22.27	22.36	23.00
		1	13	22.24	22.28	22.38	23.00
		1	24	22.29	22.33	22.38	23.00
		12	0	21.21	21.29	21.38	22.00
		12	6	21.14	21.26	21.25	22.00
		12	13	21.21	21.21	21.25	22.00
		25	0	21.18	21.20	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.23	24.34	24.28	25.00
		1	25	24.30	24.36	24.42	25.00
		1	49	24.34	24.38	24.43	25.00
		25	0	23.22	23.33	23.40	24.00
		25	13	23.29	23.30	23.39	24.00
		25	25	23.37	23.33	23.35	24.00
		50	0	23.29	23.40	23.34	24.00
	16QAM	1	0	23.38	23.50	23.50	24.00
		1	25	23.44	23.51	23.54	24.00
		1	49	23.57	23.56	23.56	24.00
		25	0	22.26	22.33	22.42	23.00
		25	13	22.29	22.32	22.40	23.00
		25	25	22.38	22.37	22.38	23.00
		50	0	22.30	22.36	22.36	23.00
	64QAM	1	0	22.15	22.32	22.27	23.00
		1	25	22.29	22.27	22.37	23.00
		1	49	22.26	22.32	22.38	23.00
		25	0	21.21	21.30	21.33	22.00
		25	13	21.27	21.28	21.38	22.00
		25	25	21.30	21.30	21.33	22.00
		50	0	21.23	21.32	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	

15MHz	QPSK	1	0	24.16	24.16	24.20	25.00
		1	38	24.33	24.34	24.36	25.00
		1	74	24.35	24.36	24.43	25.00
		36	0	23.17	23.30	23.29	24.00
		36	18	23.27	23.27	23.34	24.00
		36	39	23.34	23.24	23.36	24.00
		75	0	23.24	23.28	23.35	24.00
	16QAM	1	0	23.35	23.38	23.43	24.00
		1	38	23.50	23.52	23.53	24.00
		1	74	23.56	23.49	23.62	24.00
		36	0	22.15	22.30	22.27	23.00
		36	18	22.27	22.28	22.37	23.00
		36	39	22.34	22.30	22.36	23.00
		75	0	22.26	22.29	22.31	23.00
	64QAM	1	0	22.15	22.10	22.16	23.00
		1	38	22.28	22.28	22.29	23.00
		1	74	22.34	22.32	22.38	23.00
		36	0	21.15	21.24	21.20	22.00
		36	18	21.26	21.24	21.33	22.00
		36	39	21.26	21.22	21.33	22.00
		75	0	21.22	21.27	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	24.08	24.09	24.19	25.00
		1	50	24.29	24.31	24.33	25.00
		1	99	24.29	24.30	24.42	25.00
		50	0	23.18	23.28	23.41	24.00
		50	25	23.29	23.33	23.35	24.00
		50	50	23.33	23.28	23.27	24.00
		100	0	23.25	23.29	23.32	24.00
	16QAM	1	0	23.32	23.32	23.29	24.00
		1	50	23.44	23.48	23.46	24.00
		1	99	23.47	23.42	23.52	24.00
		50	0	22.13	22.25	22.26	23.00
		50	25	22.32	22.35	22.36	23.00
		50	50	22.40	22.25	22.31	23.00
		100	0	22.26	22.25	22.29	23.00
	64QAM	1	0	22.05	22.03	22.16	23.00
		1	50	22.26	22.29	22.25	23.00
		1	99	22.20	22.29	22.37	23.00
		50	0	21.17	21.19	21.32	22.00
		50	25	21.21	21.27	21.30	22.00
		50	50	21.28	21.26	21.26	22.00
		100	0	21.20	21.22	21.25	22.00



LTE Band 7 Sensor on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.16	20.21	20.23	21.00
		1	13	20.18	20.23	20.25	21.00
		1	24	20.2	20.27	20.32	21.00
		12	0	20.16	20.29	20.31	21.00
		12	6	20.19	20.27	20.29	21.00
		12	13	20.21	20.21	20.25	21.00
		25	0	20.16	20.21	20.3	21.00
	16QAM	1	0	20.1	20.15	20.16	21.00
		1	13	20.13	20.13	20.18	21.00
		1	24	20.1	20.25	20.26	21.00
		12	0	20.07	20.28	20.22	21.00
		12	6	20.12	20.23	20.26	21.00
		12	13	20.17	20.11	20.15	21.00
		25	0	20.13	20.13	20.23	21.00
	64QAM	1	0	20.09	20.20	20.20	21.00
		1	13	20.12	20.22	20.18	21.00
		1	24	20.18	20.23	20.30	21.00
		12	0	20.13	20.26	20.25	21.00
		12	6	20.11	20.20	20.25	21.00
		12	13	20.18	20.17	20.23	21.00
		25	0	20.09	20.18	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.1	20.19	20.16	21.00
		1	25	20.19	20.23	20.25	21.00
		1	49	20.23	20.25	20.32	21.00
		25	0	20.13	20.27	20.3	21.00
		25	13	20.2	20.23	20.33	21.00
		25	25	20.28	20.28	20.29	21.00
		50	0	20.22	20.27	20.29	21.00
	16QAM	1	0	20.14	20.15	20.18	21.00
		1	25	20.17	20.18	20.2	21.00
		1	49	20.12	20.22	20.23	21.00
		25	0	20.08	20.27	20.28	21.00
		25	13	20.17	20.18	20.25	21.00
		25	25	20.15	20.2	20.24	21.00
		50	0	20.12	20.17	20.25	21.00
	64QAM	1	0	20.08	20.15	20.14	21.00
		1	25	20.15	20.18	20.19	21.00
		1	49	20.16	20.24	20.30	21.00
		25	0	20.10	20.19	20.21	21.00
		25	13	20.15	20.16	20.32	21.00
		25	25	20.25	20.23	20.27	21.00
		50	0	20.16	20.20	20.25	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20.1	20.11	20.13	21.00
		1	38	20.24	20.24	20.31	21.00

		1	74	20.28	20.24	20.35	21.00
		36	0	20.13	20.24	20.21	21.00
		36	18	20.25	20.21	20.29	21.00
		36	39	20.29	20.21	20.3	21.00
		75	0	20.24	20.21	20.28	21.00
	16QAM	1	0	20.14	20.17	20.19	21.00
		1	38	20.12	20.13	20.16	21.00
		1	74	20.15	20.22	20.27	21.00
		36	0	20.15	20.24	20.27	21.00
		36	18	20.16	20.24	20.24	21.00
		36	39	20.17	20.19	20.16	21.00
		75	0	20.11	20.13	20.23	21.00
	64QAM	1	0	20.06	20.09	20.05	21.00
		1	38	20.21	20.18	20.25	21.00
		1	74	20.24	20.20	20.31	21.00
		36	0	20.05	20.17	20.18	21.00
		36	18	20.24	20.14	20.20	21.00
		36	39	20.26	20.19	20.23	21.00
		75	0	20.22	20.19	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	20.34	20.27	20.3	21.00
		1	50	20.52	20.53	20.51	21.00
		1	99	20.46	20.48	20.59	21.00
		50	0	20.17	20.2	20.36	21.00
		50	25	20.28	20.29	20.31	21.00
		50	50	20.27	20.26	20.31	21.00
		100	0	20.22	20.2	20.26	21.00
	16QAM	1	0	20.13	20.11	20.15	21.00
		1	50	20.14	20.2	20.23	21.00
		1	99	20.11	20.25	20.23	21.00
		50	0	20.14	20.19	20.24	21.00
		50	25	20.13	20.25	20.22	21.00
		50	50	20.12	20.17	20.15	21.00
		100	0	20.13	20.2	20.27	21.00
	64QAM	1	0	20.27	20.21	20.24	21.00
		1	50	20.45	20.50	20.44	21.00
		1	99	20.40	20.44	20.58	21.00
		50	0	20.11	20.11	20.34	21.00
		50	25	20.26	20.28	20.22	21.00
		50	50	20.25	20.20	20.25	21.00
		100	0	20.17	20.13	20.24	21.00

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	23.91	23.99	23.91	25.00
		1	2	23.99	23.72	23.65	25.00
		1	5	23.88	23.90	23.56	25.00
		3	0	23.79	23.76	23.67	25.00
		3	1	23.60	23.74	23.80	25.00
		3	3	23.76	23.77	23.81	25.00
		6	0	22.86	22.88	22.77	24.00
	16QAM	1	0	22.99	23.02	23.05	24.00
		1	2	23.24	23.18	23.02	24.00
		1	5	23.03	23.07	22.74	24.00
		3	0	22.87	22.90	22.76	24.00
		3	1	22.63	22.79	22.79	24.00
		3	3	22.83	22.76	22.71	24.00
		6	0	21.86	21.94	21.85	23.00
	64QAM	1	0	21.86	21.97	21.84	23.00
		1	2	21.96	21.70	21.56	23.00
		1	5	21.81	21.83	21.51	23.00
		3	0	21.75	21.69	21.66	23.00
		3	1	21.56	21.66	21.72	23.00
		3	3	21.69	21.68	21.73	23.00
		6	0	20.77	20.81	20.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.93	23.80	23.73	25.00
		1	7	23.86	23.80	23.76	25.00
		1	14	23.82	23.74	23.75	25.00
		8	0	22.82	22.88	22.78	24.00
		8	4	22.83	22.76	22.75	24.00
		8	7	22.80	22.78	22.78	24.00
		15	0	22.78	22.82	22.75	24.00
	16QAM	1	0	22.92	22.87	23.27	24.00
		1	7	23.17	23.21	22.68	24.00
		1	14	23.05	23.10	22.95	24.00
		8	0	21.93	21.95	21.89	23.00
		8	4	21.84	21.86	21.80	23.00
		8	7	21.83	21.89	21.87	23.00
		15	0	21.96	21.84	21.81	23.00
	64QAM	1	0	21.87	21.79	21.72	23.00
		1	7	21.79	21.72	21.74	23.00
		1	14	21.81	21.73	21.67	23.00
		8	0	20.75	20.83	20.71	22.00
		8	4	20.75	20.73	20.71	22.00
		8	7	20.74	20.77	20.69	22.00
		15	0	20.71	20.80	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.81	23.98	23.78	25.00
		1	13	23.83	23.87	23.68	25.00

		1	24	23.93	23.87	23.75	25.00
		12	0	22.91	22.93	22.90	24.00
		12	6	22.89	22.88	22.82	24.00
		12	13	22.88	22.86	22.80	24.00
		25	0	22.83	22.80	22.85	24.00
	16QAM	1	0	22.69	22.82	23.32	24.00
		1	13	22.91	23.27	22.77	24.00
		1	24	23.33	23.05	22.67	24.00
		12	0	21.85	21.88	21.89	23.00
		12	6	21.84	21.75	21.78	23.00
		12	13	21.84	21.78	21.78	23.00
		25	0	21.90	21.82	21.95	23.00
	64QAM	1	0	21.73	21.94	21.76	23.00
		1	13	21.81	21.83	21.63	23.00
		1	24	21.85	21.78	21.70	23.00
		12	0	20.83	20.85	20.81	22.00
		12	6	20.88	20.86	20.79	22.00
		12	13	20.86	20.80	20.78	22.00
		25	0	20.81	20.78	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.82	23.97	23.63	25.00
		1	25	23.76	24.04	23.72	25.00
		1	49	23.87	23.75	23.73	25.00
		25	0	22.79	22.93	22.72	24.00
		25	13	22.84	22.88	22.71	24.00
		25	25	22.88	22.85	22.67	24.00
		50	0	22.90	22.83	22.71	24.00
	16QAM	1	0	23.20	23.16	22.77	24.00
		1	25	23.00	23.33	23.17	24.00
		1	49	22.69	22.78	22.88	24.00
		25	0	21.89	21.82	21.63	23.00
		25	13	21.85	21.89	21.66	23.00
		25	25	21.97	21.80	21.55	23.00
		50	0	21.98	21.80	21.71	23.00
	64QAM	1	0	21.79	21.89	21.58	23.00
		1	25	21.73	21.95	21.66	23.00
		1	49	21.78	21.66	21.69	23.00
		25	0	20.76	20.85	20.63	22.00
		25	13	20.83	20.84	20.64	22.00
		25	25	20.79	20.82	20.64	22.00
		50	0	20.82	20.76	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.70	23.72	23.75	25.00
		1	38	24.05	24.08	23.68	25.00
		1	74	24.00	23.84	23.87	25.00
		36	0	22.77	22.82	22.58	24.00
		36	18	22.81	22.80	22.67	24.00
		36	39	22.79	22.80	22.62	24.00
		75	0	22.77	22.82	22.63	24.00
	16QAM	1	0	22.89	23.19	22.83	24.00
		1	38	22.94	23.25	22.85	24.00
		1	74	23.29	22.66	22.65	24.00

		36	0	21.82	21.84	21.57	23.00
		36	18	21.84	21.87	21.59	23.00
		36	39	21.73	21.83	21.52	23.00
		75	0	21.72	21.88	21.59	23.00
	64QAM	1	0	21.63	21.64	21.72	23.00
		1	38	21.97	22.07	21.64	23.00
		1	74	21.95	21.80	21.82	23.00
		36	0	20.75	20.73	20.53	22.00
		36	18	20.75	20.73	20.58	22.00
		36	39	20.76	20.75	20.58	22.00
		75	0	20.69	20.80	20.59	22.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.20	24.23	24.20	25.00
		1	13	24.29	24.25	24.21	25.00
		1	24	24.28	24.24	24.22	25.00
		12	0	23.18	23.21	23.21	24.00
		12	6	23.19	23.19	23.21	24.00
		12	13	23.20	23.15	23.16	24.00
		25	0	23.21	23.20	23.21	24.00
	16QAM	1	0	23.19	23.18	23.16	24.00
		1	13	23.24	23.17	23.13	24.00
		1	24	23.26	23.19	23.18	24.00
		12	0	22.13	22.17	22.13	23.00
		12	6	22.13	22.14	22.14	23.00
		12	13	22.17	22.11	22.11	23.00
		25	0	22.22	22.24	22.23	23.00
	64QAM	1	0	22.11	22.15	22.13	23.00
		1	13	22.27	22.19	22.13	23.00
		1	24	22.26	22.21	22.18	23.00
		12	0	21.10	21.19	21.18	22.00
		12	6	21.18	21.10	21.20	22.00
		12	13	21.14	21.14	21.14	22.00
		25	0	21.19	21.12	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.18	24.24	24.14	25.00
		1	25	24.26	24.21	24.20	25.00
		1	49	24.23	24.20	24.16	25.00
		25	0	23.14	23.18	23.16	24.00
		25	13	23.21	23.15	23.14	24.00
		25	25	23.21	23.14	23.16	24.00
		50	0	23.23	23.17	23.18	24.00
	16QAM	1	0	23.16	23.20	23.09	24.00
		1	25	23.25	23.18	23.16	24.00
		1	49	23.20	23.11	23.17	24.00
		25	0	22.18	22.21	22.19	23.00
		25	13	22.22	22.21	22.18	23.00
		25	25	22.22	22.15	22.19	23.00
		50	0	22.23	22.17	22.19	23.00

		1	0	22.09	22.20	22.07	23.00
		1	25	22.20	22.17	22.17	23.00
		1	49	22.20	22.16	22.11	23.00
	64QAM	25	0	21.08	21.09	21.13	22.00
		25	13	21.20	21.10	21.11	22.00
		25	25	21.17	21.07	21.13	22.00
		50	0	21.22	21.15	21.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	24.22	24.24	24.13	25.00
		1	38	24.26	24.24	24.20	25.00
		1	74	24.28	24.16	24.17	25.00
		36	0	23.18	23.18	23.12	24.00
		36	18	23.19	23.14	23.15	24.00
		36	39	23.22	23.13	23.13	24.00
		75	0	23.23	23.16	23.16	24.00
	16QAM	1	0	23.16	23.20	23.08	24.00
		1	38	23.26	23.20	23.17	24.00
		1	74	23.25	23.13	23.14	24.00
		36	0	22.15	22.15	22.09	23.00
		36	18	22.17	22.14	22.09	23.00
		36	39	22.18	22.13	22.08	23.00
		75	0	22.20	22.15	22.15	23.00
	64QAM	1	0	22.14	22.19	22.12	23.00
		1	38	22.23	22.18	22.16	23.00
		1	74	22.23	22.14	22.12	23.00
		36	0	21.14	21.11	21.10	22.00
		36	18	21.14	21.07	21.10	22.00
		36	39	21.21	21.07	21.11	22.00
		75	0	21.16	21.08	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	24.12	24.16	24.07	25.00
		1	50	24.10	24.19	24.16	25.00
		1	99	24.19	24.08	24.22	25.00
		50	0	23.19	23.20	23.26	24.00
		50	25	23.22	23.18	23.18	24.00
		50	50	23.17	23.15	23.13	24.00
		100	0	23.22	23.15	23.16	24.00
	16QAM	1	0	23.14	23.17	23.03	24.00
		1	50	23.24	23.17	23.12	24.00
		1	99	23.14	23.06	23.07	24.00
		50	0	22.18	22.19	22.16	23.00
		50	25	22.24	22.17	22.20	23.00
		50	50	22.26	22.14	22.14	23.00
		100	0	22.22	22.13	22.16	23.00
	64QAM	1	0	22.07	22.09	22.06	23.00
		1	50	22.07	22.17	22.11	23.00
		1	99	22.17	22.05	22.13	23.00
		50	0	21.10	21.16	21.18	22.00
		50	25	21.16	21.15	21.17	22.00
		50	50	21.13	21.14	21.10	22.00
		100	0	21.21	21.09	21.13	22.00

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	24.27	24.28	24.19	24.18	24.28	25.00
		1	13	24.23	24.30	24.30	24.20	24.35	25.00
		1	24	24.20	24.29	24.20	24.19	24.18	25.00
		12	0	23.23	23.25	23.30	23.17	23.13	24.00
		12	6	23.20	23.26	23.24	23.15	23.20	24.00
		12	13	23.17	23.23	23.18	23.16	23.20	24.00
		25	0	23.20	23.25	23.24	23.11	23.25	24.00
	16QAM	1	0	23.17	23.21	23.13	23.20	23.18	24.00
		1	13	23.17	23.24	23.17	23.18	23.17	24.00
		1	24	23.14	23.32	23.15	23.22	23.26	24.00
		12	0	22.16	22.20	22.21	22.15	22.11	23.00
		12	6	22.16	22.20	22.18	22.13	22.24	23.00
		12	13	22.16	22.20	22.15	22.11	22.33	23.00
		25	0	22.23	22.21	22.25	22.23	22.16	23.00
	64QAM	1	0	22.23	22.23	22.15	22.16	22.24	23.00
		1	13	22.16	22.27	22.22	22.17	22.27	23.00
		1	24	22.12	22.22	22.15	22.14	22.15	23.00
		12	0	21.19	21.16	21.26	21.16	21.05	22.00
		12	6	21.19	21.22	21.23	21.07	21.16	22.00
		12	13	21.10	21.15	21.11	21.13	21.12	22.00
		25	0	21.18	21.17	21.15	21.03	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.24	24.29	24.15	24.20	24.05	25.00
		1	25	24.22	24.22	24.17	24.17	24.33	25.00
		1	49	24.14	24.28	24.22	24.18	24.12	25.00
		25	0	23.17	23.16	23.20	23.14	23.18	24.00
		25	13	23.18	23.25	23.20	23.16	23.38	24.00
		25	25	23.15	23.23	23.17	23.21	23.18	24.00
		50	0	23.22	23.26	23.21	23.18	23.09	24.00
	16QAM	1	0	23.20	23.26	23.20	23.19	23.04	24.00
		1	25	23.23	23.25	23.17	23.10	23.18	24.00
		1	49	23.22	23.29	23.10	23.11	23.07	24.00
		25	0	22.21	22.20	22.25	22.16	22.17	23.00
		25	13	22.26	22.26	22.22	22.20	22.36	23.00
		25	25	22.21	22.28	22.23	22.21	22.33	23.00
		50	0	22.20	22.26	22.17	22.17	22.15	23.00
	64QAM	1	0	22.17	22.25	22.06	22.17	21.99	23.00
		1	25	22.18	22.13	22.14	22.16	22.28	23.00
		1	49	22.10	22.25	22.21	22.13	22.03	23.00
		25	0	21.12	21.15	21.19	21.13	21.12	22.00
		25	13	21.12	21.24	21.18	21.11	21.35	22.00
		25	25	21.10	21.22	21.11	21.18	21.14	22.00
		50	0	21.18	21.19	21.12	21.11	21.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.21	24.23	24.15	24.13	24.06	25.00
		1	38	24.25	24.30	24.18	24.15	24.30	25.00

		1	74	24.22	24.25	24.16	24.11	24.04	25.00
		36	0	23.16	23.18	23.18	23.10	23.20	24.00
		36	18	23.14	23.19	23.12	23.09	23.36	24.00
		36	39	23.16	23.22	23.10	23.07	23.28	24.00
		75	0	23.19	23.21	23.16	23.13	23.13	24.00
	16QAM	1	0	23.15	23.19	23.14	23.14	23.10	24.00
		1	38	23.22	23.25	23.13	23.12	23.22	24.00
		1	74	23.17	23.22	23.13	23.09	23.28	24.00
		36	0	22.10	22.15	22.16	22.09	22.15	23.00
		36	18	22.10	22.19	22.09	22.09	22.29	23.00
		36	39	22.12	22.24	22.13	22.09	22.31	23.00
		75	0	22.21	22.25	22.21	22.12	22.28	23.00
	64QAM	1	0	22.17	22.15	22.12	22.11	22.02	23.00
		1	38	22.21	22.24	22.12	22.07	22.25	23.00
		1	74	22.15	22.23	22.08	22.03	22.03	23.00
		36	0	21.14	21.17	21.12	21.06	21.14	22.00
		36	18	21.10	21.15	21.09	21.08	21.32	22.00
		36	39	21.10	21.21	21.06	21.06	21.24	22.00
		75	0	21.17	21.18	21.12	21.09	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.16	24.13	24.09	24.11	24.28	25.00
		1	50	24.25	24.27	24.20	24.16	24.13	25.00
		1	99	24.16	24.28	24.29	24.11	24.28	25.00
		50	0	23.21	23.22	23.34	23.14	23.33	24.00
		50	25	23.26	23.26	23.21	23.14	23.20	24.00
		50	50	23.19	23.29	23.17	23.17	23.16	24.00
		100	0	23.19	23.20	23.23	23.13	23.28	24.00
	16QAM	1	0	23.11	23.19	23.11	23.12	23.10	24.00
		1	50	23.19	23.30	23.15	23.18	23.07	24.00
		1	99	23.19	23.21	23.12	23.10	23.14	24.00
		50	0	22.23	22.25	22.28	22.14	22.35	23.00
		50	25	22.24	22.30	22.22	22.18	22.25	23.00
		50	50	22.21	22.30	22.17	22.14	22.18	23.00
		100	0	22.20	22.20	22.16	22.14	22.11	23.00
	64QAM	1	0	22.14	22.08	22.05	22.02	22.21	23.00
		1	50	22.16	22.21	22.16	22.13	22.08	23.00
		1	99	22.08	22.22	22.25	22.03	22.21	23.00
		50	0	21.16	21.21	21.31	21.10	21.29	22.00
		50	25	21.20	21.22	21.19	21.12	21.15	22.00
		50	50	21.12	21.26	21.10	21.09	21.14	22.00
		100	0	21.10	21.18	21.14	21.09	21.26	22.00

Table 3 : Conducted Power of LTE

2 Conducted Power of Main Antenna(Ant2)

2.1 Conducted Power of LTE

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	22.55	22.58	22.60	23.50
		1	13	22.69	22.69	22.65	23.50
		1	24	22.80	22.59	22.53	23.50
		12	0	21.54	21.60	21.61	22.50
		12	6	21.58	21.67	21.70	22.50
		12	13	21.74	21.58	21.60	22.50
		25	0	21.53	21.57	21.71	22.50
	16QAM	1	0	21.51	21.69	21.46	22.50
		1	13	21.77	21.64	21.59	22.50
		1	24	21.71	21.63	21.67	22.50
		12	0	20.57	20.62	20.46	21.50
		12	6	20.61	20.54	20.51	21.50
		12	13	20.56	20.55	20.51	21.50
		25	0	20.60	20.57	20.62	21.50
	64QAM	1	0	20.50	20.57	20.54	21.50
		1	13	20.64	20.60	20.63	21.50
		1	24	20.76	20.58	20.51	21.50
		12	0	19.49	19.58	19.60	20.50
		12	6	19.50	19.66	19.61	20.50
		12	13	19.70	19.50	19.57	20.50
		25	0	19.51	19.52	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	22.60	22.68	22.62	23.50
		1	25	22.69	22.67	22.69	23.50
		1	49	22.70	22.64	22.66	23.50
		25	0	21.59	21.64	21.64	22.50
		25	13	21.66	21.62	21.65	22.50
		25	25	21.65	21.61	21.65	22.50
		50	0	21.69	21.61	21.67	22.50
	16QAM	1	0	21.57	21.67	21.56	22.50
		1	25	21.67	21.65	21.64	22.50
		1	49	21.65	21.61	21.62	22.50
		25	0	20.64	20.67	20.64	21.50
		25	13	20.67	20.65	20.67	21.50
		25	25	20.68	20.62	20.68	21.50
		50	0	20.67	20.61	20.66	21.50
	64QAM	1	0	20.55	20.60	20.60	21.50
		1	25	20.60	20.66	20.68	21.50
		1	49	20.62	20.57	20.64	21.50
		25	0	19.55	19.59	19.62	20.50
		25	13	19.65	19.54	19.59	20.50
		25	25	19.63	19.60	19.61	20.50
		50	0	19.68	19.60	19.64	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up

15MHz	QPSK	1	0	22.62	22.66	22.58	23.50
		1	38	22.69	22.69	22.67	23.50
		1	74	22.71	22.61	22.63	23.50
		36	0	21.60	21.61	21.57	22.50
		36	18	21.62	21.58	21.60	22.50
		36	39	21.64	21.57	21.59	22.50
		75	0	21.63	21.59	21.63	22.50
	16QAM	1	0	21.60	21.65	21.54	22.50
		1	38	21.68	21.67	21.62	22.50
		1	74	21.71	21.57	21.59	22.50
		36	0	20.59	20.59	20.53	21.50
		36	18	20.58	20.54	20.56	21.50
		36	39	20.63	20.57	20.56	21.50
		75	0	20.65	20.59	20.60	21.50
	64QAM	1	0	20.53	20.65	20.51	21.50
		1	38	20.61	20.67	20.66	21.50
		1	74	20.63	20.60	20.60	21.50
		36	0	19.57	19.53	19.56	20.50
		36	18	19.53	19.49	19.59	20.50
		36	39	19.62	19.50	19.51	20.50
		75	0	19.58	19.53	19.58	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.55	22.62	22.54	23.50
		1	50	22.66	22.56	22.61	23.50
		1	99	22.60	22.57	22.67	23.50
		50	0	21.61	21.62	21.70	22.50
		50	25	21.65	21.62	21.65	22.50
		50	50	21.60	21.61	21.61	22.50
		100	0	21.66	21.59	21.62	22.50
	16QAM	1	0	21.56	21.60	21.52	22.50
		1	50	21.70	21.62	21.57	22.50
		1	99	21.58	21.53	21.54	22.50
		50	0	20.61	20.62	20.61	21.50
		50	25	20.66	20.62	20.67	21.50
		50	50	20.71	20.64	20.61	21.50
		100	0	20.63	20.58	20.61	21.50
	64QAM	1	0	20.49	20.57	20.52	21.50
		1	50	20.65	20.47	20.56	21.50
		1	99	20.56	20.52	20.58	21.50
		50	0	19.52	19.56	19.67	20.50
		50	25	19.61	19.59	19.63	20.50
		50	50	19.57	19.52	19.52	20.50
		100	0	19.58	19.54	19.59	20.50

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	22.63	22.61	22.54	22.62	22.50	23.50
		1	13	22.64	22.79	22.61	22.51	22.53	23.50
		1	24	22.49	22.64	22.54	22.44	22.44	23.50
		12	0	21.54	21.66	21.61	21.47	21.58	22.50
		12	6	21.52	21.62	21.56	21.50	21.49	22.50
		12	13	21.49	21.73	21.57	21.50	21.70	22.50
		25	0	21.55	21.66	21.62	21.47	21.46	22.50
	16QAM	1	0	21.58	21.70	21.53	21.59	21.39	22.50
		1	13	21.58	21.65	21.64	21.57	21.48	22.50
		1	24	21.43	21.65	21.66	21.41	21.47	22.50
		12	0	20.55	20.55	20.54	20.52	20.63	21.50
		12	6	20.59	20.56	20.55	20.53	20.69	21.50
		12	13	20.52	20.68	20.58	20.40	20.53	21.50
		25	0	20.53	20.57	20.66	20.67	20.60	21.50
	64QAM	1	0	20.62	20.56	20.50	20.58	20.47	21.50
		1	13	20.58	20.70	20.56	20.46	20.45	21.50
		1	24	20.48	20.63	20.52	20.39	20.36	21.50
		12	0	19.49	19.65	19.59	19.43	19.50	20.50
		12	6	19.50	19.53	19.48	19.45	19.42	20.50
		12	13	19.48	19.64	19.48	19.47	19.67	20.50
		25	0	19.50	19.65	19.58	19.42	19.45	20.50
10MHz	QPSK	1	0	22.62	22.67	22.63	22.52	22.59	23.50
		1	25	22.54	22.71	22.52	22.62	22.49	23.50
		1	49	22.51	22.67	22.56	22.62	22.49	23.50
		25	0	21.44	21.57	21.54	21.63	21.55	22.50
		25	13	21.47	21.56	21.48	21.46	21.58	22.50
		25	25	21.64	21.62	21.47	21.39	21.53	22.50
		50	0	21.67	21.67	21.64	21.52	21.59	22.50
	16QAM	1	0	21.60	21.72	21.55	21.60	21.43	22.50
		1	25	21.51	21.63	21.54	21.59	21.56	22.50
		1	49	21.59	21.64	21.48	21.54	21.54	22.50
		25	0	20.55	20.48	20.49	20.49	20.69	21.50
		25	13	20.61	20.56	20.44	20.56	20.51	21.50
		25	25	20.59	20.67	20.55	20.53	20.68	21.50
		50	0	20.73	20.59	20.61	20.53	20.56	21.50
	64QAM	1	0	20.59	20.58	20.59	20.47	20.57	21.50
		1	25	20.49	20.62	20.44	20.59	20.45	21.50
		1	49	20.44	20.65	20.50	20.56	20.41	21.50
		25	0	19.38	19.48	19.47	19.54	19.51	20.50
		25	13	19.45	19.49	19.47	19.39	19.52	20.50
		25	25	19.62	19.55	19.42	19.34	19.49	20.50
		50	0	19.62	19.59	19.60	19.50	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.62	22.61	22.60	22.55	22.61	23.50
		1	38	22.63	22.73	22.59	22.58	22.57	23.50
		1	74	22.58	22.64	22.62	22.54	22.36	23.50

		36	0	21.53	21.64	21.59	21.56	21.56	22.50
		36	18	21.57	21.59	21.58	21.52	21.59	22.50
		36	39	21.54	21.63	21.57	21.48	21.66	22.50
		75	0	21.65	21.65	21.66	21.56	21.55	22.50
	16QAM	1	0	21.54	21.67	21.57	21.50	21.59	22.50
		1	38	21.56	21.64	21.56	21.61	21.54	22.50
		1	74	21.52	21.68	21.56	21.47	21.31	22.50
		36	0	20.56	20.58	20.57	20.51	20.54	21.50
		36	18	20.51	20.56	20.53	20.53	20.66	21.50
		36	39	20.49	20.63	20.56	20.45	20.54	21.50
		75	0	20.63	20.62	20.67	20.57	20.65	21.50
	64QAM	1	0	20.54	20.58	20.55	20.52	20.60	21.50
		1	38	20.58	20.64	20.55	20.52	20.56	21.50
		1	74	20.56	20.63	20.55	20.52	20.31	21.50
		36	0	19.50	19.55	19.54	19.48	19.49	20.50
		36	18	19.52	19.55	19.50	19.51	19.54	20.50
		36	39	19.53	19.58	19.55	19.39	19.57	20.50
		75	0	19.63	19.61	19.58	19.48	19.46	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.51	22.53	22.51	22.55	22.63	23.50
		1	50	22.59	22.66	22.61	22.56	22.56	23.50
		1	99	22.59	22.63	22.67	22.46	22.45	23.50
		50	0	21.59	21.63	21.71	21.56	21.49	22.50
		50	25	21.63	21.67	21.62	21.59	21.62	22.50
		50	50	21.57	21.67	21.61	21.58	21.64	22.50
		100	0	21.58	21.70	21.61	21.57	21.47	22.50
	16QAM	1	0	21.52	21.60	21.45	21.51	21.49	22.50
		1	50	21.57	21.70	21.56	21.55	21.43	22.50
		1	99	21.49	21.64	21.51	21.43	21.42	22.50
		50	0	20.61	20.65	20.68	20.58	20.48	21.50
		50	25	20.63	20.69	20.64	20.61	20.59	21.50
		50	50	20.63	20.68	20.60	20.56	20.53	21.50
		100	0	20.60	20.63	20.58	20.58	20.68	21.50
	64QAM	1	0	20.47	20.46	20.50	20.49	20.59	21.50
		1	50	20.55	20.58	20.53	20.55	20.54	21.50
		1	99	20.50	20.55	20.64	20.40	20.37	21.50
		50	0	19.52	19.55	19.70	19.47	19.46	20.50
		50	25	19.61	19.66	19.58	19.55	19.56	20.50
		50	50	19.53	19.66	19.52	19.49	19.55	20.50
		100	0	19.50	19.67	19.54	19.55	19.43	20.50

Table 4 : Conducted Power of LTE

3 Conducted Power of Main Antenna(Ant3)

3.1 Conducted Power of GSM

GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.84	30.80	30.78	31.00	-9.19	21.65	21.61	21.59	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.83	30.78	30.72	31.00	-9.19	21.64	21.59	21.53	21.81
	2 TX Slots	27.65	27.75	27.74	28.00	-6.18	21.47	21.57	21.56	21.82
	3 TX Slots	25.63	25.72	25.71	26.20	-4.42	21.21	21.3	21.29	21.78
	4 TX Slots	24.05	24.13	24.11	25.00	-3.17	20.88	20.96	20.94	21.83
EGPRS(8PSK)	1 TX Slot	25.09	25.12	25.13	26.50	-9.19	15.9	15.93	15.94	17.31
	2 TX Slots	21.57	21.73	21.84	23.50	-6.18	15.39	15.55	15.66	17.32
	3 TX Slots	19.85	19.95	20.01	21.70	-4.42	15.43	15.53	15.59	17.28
	4 TX Slots	18.50	18.57	18.66	20.50	-3.17	15.33	15.4	15.49	17.33

Table 5 : Conducted Power of GSM

3.2 Conducted Power of WCDMA

WCDMA Band II Sensor off&Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.45	24.5	24.43	25.50
	12.2kbps AMR	24.42	24.48	24.39	25.50
HSDPA	Subtest 1	23.14	23.51	23.07	24.50
	Subtest 2	22.97	23.28	22.92	24.50
	Subtest 3	22.68	22.87	22.75	24.00
	Subtest 4	22.66	22.60	22.54	24.00
HSUPA	Subtest 1	23.19	23.40	22.92	24.50
	Subtest 2	20.92	21.30	20.95	22.50
	Subtest 3	21.81	22.07	22.04	23.50
	Subtest 4	21.11	20.67	20.67	22.50
	Subtest 5	23.07	23.22	22.90	24.50
DC-HSDPA	Subtest 1	23.16	23.33	22.92	24.50
	Subtest 2	23.04	23.38	22.90	24.50
	Subtest 3	22.65	22.85	22.87	24.00
	Subtest 4	22.61	22.68	22.45	24.00

WCDMA Band II Sensor on&Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.88	20.91	20.87	22.00
	12.2kbps AMR	20.86	20.9	20.85	22.00
HSDPA	Subtest 1	19.47	19.77	19.35	21.00
	Subtest 2	19.23	19.58	19.19	21.00
	Subtest 3	18.91	19.22	19.03	20.50
	Subtest 4	18.88	18.87	18.81	20.50
HSUPA	Subtest 1	19.49	19.62	19.15	21.00
	Subtest 2	17.20	17.56	17.20	19.00
	Subtest 3	18.13	18.33	18.31	20.00
	Subtest 4	17.35	17.29	17.19	19.00
	Subtest 5	19.37	19.45	19.20	21.00
DC-HSDPA	Subtest 1	19.28	19.65	19.22	21.00
	Subtest 2	19.12	19.50	19.08	21.00
	Subtest 3	18.79	19.03	18.93	20.50
	Subtest 4	18.81	18.81	18.73	20.50

WCDMA Band IV Sensor off&Hotspot off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.48	24.42	24.38	25.50
	12.2kbps AMR	24.45	24.39	24.35	25.50
HSDPA	Subtest 1	22.99	23.38	22.94	24.50
	Subtest 2	22.84	23.14	22.81	24.50
	Subtest 3	22.56	22.76	22.64	24.00
	Subtest 4	22.53	22.50	22.41	24.00
HSUPA	Subtest 1	23.07	23.30	22.78	24.50
	Subtest 2	20.81	21.16	20.80	22.50
	Subtest 3	21.69	21.94	21.92	23.50
	Subtest 4	20.97	20.55	20.53	22.50
	Subtest 5	22.96	23.12	22.77	24.50
DC-HSDPA	Subtest 1	23.06	23.19	22.80	24.50
	Subtest 2	22.92	23.27	22.77	24.50
	Subtest 3	22.50	22.74	22.72	24.00
	Subtest 4	22.49	22.57	22.35	24.00

WCDMA Band IV Sensor on&Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.39	21.33	21.31	22.50
	12.2kbps AMR	21.37	21.32	21.29	22.50
HSDPA	Subtest 1	19.84	20.15	19.74	21.50
	Subtest 2	19.62	19.97	19.59	21.50
	Subtest 3	19.31	19.57	19.40	21.00
	Subtest 4	19.25	19.24	19.18	21.00
HSUPA	Subtest 1	19.89	20.02	19.54	21.50
	Subtest 2	17.58	17.96	17.55	19.50
	Subtest 3	18.51	18.69	18.67	20.50
	Subtest 4	17.73	17.69	17.59	19.50
	Subtest 5	19.74	19.85	19.57	21.50
DC-HSDPA	Subtest 1	19.68	20.04	19.60	21.50
	Subtest 2	19.51	19.90	19.54	21.50
	Subtest 3	19.14	19.40	19.31	21.00
	Subtest 4	19.16	19.16	19.11	21.00

Table 6 : Conducted Power of WCDMA

3.3 Conducted Power of LTE

LTE Band 2 Sensor off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	24.23	24.18	24.20	25.50
		1	2	24.44	24.17	24.48	25.50
		1	5	24.37	24.22	24.40	25.50
		3	0	24.27	24.47	24.45	25.50
		3	2	24.32	24.37	24.42	25.50
		3	3	24.28	24.28	24.45	25.50
		6	0	23.36	23.39	23.39	24.50
	16QAM	1	0	23.51	23.44	23.61	24.50
		1	2	23.61	23.36	23.36	24.50
		1	5	23.57	23.76	23.17	24.50
		3	0	23.42	23.39	23.40	24.50
		3	2	23.39	23.33	23.43	24.50
		3	3	23.40	23.31	23.41	24.50
		6	0	22.53	22.43	22.54	23.50
	64QAM	1	0	22.18	22.10	22.11	23.50
		1	2	22.35	22.12	22.41	23.50
		1	5	22.28	22.15	22.37	23.50
		3	0	22.23	22.38	22.38	23.50
		3	2	22.29	22.35	22.34	23.50
		3	3	22.25	22.19	22.39	23.50
		6	0	21.27	21.37	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	24.37	24.36	24.35	25.50
		1	7	24.35	24.34	24.53	25.50
		1	14	24.40	24.34	24.34	25.50
		8	0	23.33	23.31	23.40	24.50
		8	4	23.30	23.33	23.39	24.50
		8	7	23.31	23.31	23.36	24.50
		15	0	23.35	23.30	23.33	24.50
	16QAM	1	0	23.29	23.30	23.51	24.50
		1	7	23.77	23.41	23.67	24.50
		1	14	23.54	23.27	23.24	24.50
		8	0	22.28	22.38	22.43	23.50
		8	4	22.27	22.37	22.47	23.50
		8	7	22.39	22.37	22.30	23.50
		15	0	22.42	22.25	22.32	23.50
	16QAM	1	0	22.34	22.30	22.32	23.50
		1	7	22.27	22.28	22.45	23.50
		1	14	22.31	22.29	22.26	23.50
		8	0	21.31	21.25	21.38	22.50
		8	4	21.22	21.31	21.32	22.50
		8	7	21.27	21.26	21.31	22.50
		15	0	21.26	21.26	21.27	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	24.38	24.46	24.48	25.50

		1	13	24.32	24.27	24.37	25.50
		1	24	24.42	24.47	24.50	25.50
		12	0	23.37	23.28	23.41	24.50
		12	6	23.35	23.34	23.46	24.50
		12	13	23.33	23.29	23.28	24.50
		25	0	23.32	23.29	23.38	24.50
	16QAM	1	0	23.66	23.64	23.59	24.50
		1	13	23.70	23.28	23.63	24.50
		1	24	23.65	23.69	23.18	24.50
		12	0	22.36	22.29	22.31	23.50
		12	6	22.27	22.29	22.42	23.50
		12	13	22.25	22.29	22.38	23.50
	16QAM	25	0	22.29	22.43	22.30	23.50
		1	0	22.34	22.40	22.45	23.50
		1	13	22.27	22.22	22.30	23.50
		1	24	22.35	22.44	22.41	23.50
		12	0	21.33	21.26	21.35	22.50
		12	6	21.32	21.32	21.37	22.50
		12	13	21.28	21.26	21.21	22.50
		25	0	21.26	21.22	21.32	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	24.40	24.32	24.39	25.50
		1	25	24.32	24.29	24.48	25.50
		1	49	24.24	24.30	24.40	25.50
		25	0	23.39	23.32	23.29	24.50
		25	13	23.35	23.36	23.38	24.50
		25	25	23.30	23.25	23.33	24.50
	16QAM	50	0	23.36	23.26	23.34	24.50
		1	0	23.75	23.43	23.45	24.50
		1	25	23.37	23.72	23.42	24.50
		1	49	23.49	23.53	23.72	24.50
		25	0	22.41	22.25	22.35	23.50
		25	13	22.32	22.34	22.38	23.50
	64QAM	25	25	22.23	22.30	22.25	23.50
		50	0	22.34	22.33	22.31	23.50
		1	0	22.38	22.31	22.31	23.50
		1	25	22.23	22.28	22.39	23.50
		1	49	22.18	22.23	22.38	23.50
		25	0	21.34	21.31	21.25	22.50
15MHz	QPSK	25	13	21.28	21.28	21.34	22.50
		25	25	21.21	21.21	21.29	22.50
		50	0	21.28	21.24	21.31	22.50
		1	0	24.32	24.52	24.29	25.50
		1	38	24.36	24.48	24.69	25.50
		1	74	24.18	24.06	24.54	25.50
		36	0	23.33	23.32	23.37	24.50
	16QAM	36	18	23.33	23.33	23.36	24.50
		36	39	23.28	23.21	23.38	24.50
		75	0	23.35	23.28	23.42	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
		1	0	23.67	23.76	23.81	24.50
		1	38	23.65	23.64	23.65	24.50



		1	74	23.72	23.70	23.68	24.50
		36	0	22.30	22.24	22.36	23.50
		36	18	22.39	22.30	22.39	23.50
		36	39	22.26	22.28	22.41	23.50
		75	0	22.30	22.24	22.35	23.50
	64QAM	1	0	22.28	22.51	22.27	23.50
		1	38	22.32	22.47	22.67	23.50
		1	74	22.15	22.00	22.53	23.50
		36	0	21.25	21.29	21.33	22.50
		36	18	21.31	21.31	21.28	22.50
		36	39	21.22	21.12	21.36	22.50
		75	0	21.33	21.20	21.40	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	24.29	24.27	24.21	25.50
		1	50	24.28	24.43	24.37	25.50
		1	99	24.31	24.31	24.38	25.50
		50	0	23.42	23.56	23.34	24.50
		50	25	23.41	23.39	23.49	24.50
		50	50	23.42	23.18	23.46	24.50
		100	0	23.40	23.18	23.53	24.50
	16QAM	1	0	23.30	23.39	23.31	24.50
		1	50	23.79	23.64	23.66	24.50
		1	99	23.37	23.24	23.15	24.50
		50	0	22.46	22.22	22.53	23.50
		50	25	22.36	22.33	22.44	23.50
		50	50	22.40	22.12	22.38	23.50
		100	0	22.36	22.17	22.47	23.50
	64QAM	1	0	22.27	22.19	22.13	23.50
		1	50	22.24	22.39	22.34	23.50
		1	99	22.27	22.22	22.30	23.50
		50	0	21.41	21.48	21.29	22.50
		50	25	21.37	21.35	21.44	22.50
		50	50	21.41	21.11	21.43	22.50
		100	0	21.32	21.09	21.50	22.50

LTE Band 2 Sensor on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.73	22.75	22.78	24.00
		1	2	22.71	22.72	22.81	24.00
		1	5	22.72	22.73	22.78	24.00
		3	0	22.75	22.74	22.83	24.00
		3	2	22.76	22.71	22.79	24.00
		3	3	22.73	22.73	22.83	24.00
		6	0	22.78	22.77	22.83	24.00
	16QAM	1	0	22.75	22.73	22.71	24.00
		1	2	22.57	22.76	22.78	24.00
		1	5	22.72	22.77	22.78	24.00
		3	0	22.77	22.79	22.63	24.00
		3	2	22.8	22.77	22.63	24.00
		3	3	22.79	22.74	22.6	24.00
		6	0	22.3	22.31	22.38	23.50
	64QAM	1	0	22.18	22.19	22.15	23.50
		1	2	22.06	22.25	22.22	23.50
		1	5	22.15	22.25	22.22	23.50
		3	0	22.22	22.24	22.07	23.50
		3	2	22.21	22.23	22.06	23.50
		3	3	22.21	22.22	22.08	23.50
		6	0	21.26	21.24	21.29	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.85	22.63	22.68	24.00
		1	7	22.69	22.81	22.89	24.00
		1	14	22.72	22.73	22.85	24.00
		8	0	22.81	22.74	23.12	24.00
		8	4	22.89	22.89	22.83	24.00
		8	7	23.00	22.72	22.85	24.00
		15	0	22.86	22.68	23.05	24.00
	16QAM	1	0	23.01	22.73	22.89	24.00
		1	7	22.76	22.85	22.76	24.00
		1	14	22.81	23.05	22.95	24.00
		8	0	22.32	22.14	22.50	23.50
		8	4	22.26	22.22	22.29	23.50
		8	7	22.41	22.11	22.49	23.50
		15	0	22.44	22.07	22.46	23.50
	16QAM	1	0	22.46	22.21	22.36	23.50
		1	7	22.19	22.33	22.25	23.50
		1	14	22.22	22.52	22.41	23.50
		8	0	21.29	21.11	21.48	22.50
		8	4	21.17	21.14	21.26	22.50
		8	7	21.39	21.04	21.47	22.50
		15	0	21.35	21.04	21.40	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	22.88	22.82	22.76	24.00
		1	13	22.71	22.74	22.92	24.00
		1	24	22.72	22.63	22.75	24.00
		12	0	22.86	22.72	23.04	24.00

		12	6	22.82	22.75	23.00	24.00
		12	13	22.92	22.56	22.84	24.00
		25	0	22.81	22.76	22.88	24.00
	16QAM	1	0	22.93	22.77	22.97	24.00
		1	13	22.74	22.89	22.75	24.00
		1	24	22.79	23.02	22.94	24.00
		12	0	22.48	22.19	22.44	23.50
		12	6	22.33	22.34	22.33	23.50
		12	13	22.41	22.12	22.40	23.50
		25	0	22.36	22.06	22.44	23.50
		1	0	22.42	22.20	22.41	23.50
	16QAM	1	13	22.17	22.37	22.23	23.50
		1	24	22.20	22.44	22.40	23.50
		12	0	21.41	21.18	21.40	22.50
		12	6	21.26	21.26	21.30	22.50
		12	13	21.40	21.09	21.36	22.50
		25	0	21.31	20.97	21.40	22.50
		1	0	22.80	22.82	22.80	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.80	22.82	22.80	24.00
		1	25	22.87	22.87	22.98	24.00
		1	49	22.78	22.72	22.85	24.00
		25	0	22.90	22.70	23.04	24.00
		25	13	22.92	22.76	22.93	24.00
		25	25	22.99	22.67	22.96	24.00
		50	0	22.95	22.60	23.03	24.00
	16QAM	1	0	22.92	22.76	22.88	24.00
		1	25	22.76	22.88	22.79	24.00
		1	49	22.74	22.86	23.00	24.00
		25	0	22.32	22.17	22.55	23.50
		25	13	22.34	22.35	22.46	23.50
		25	25	22.36	22.11	22.44	23.50
		50	0	22.25	22.22	22.50	23.50
	64QAM	1	0	22.36	22.17	22.33	23.50
		1	25	22.22	22.36	22.28	23.50
		1	49	22.20	22.31	22.45	23.50
		25	0	21.30	21.10	21.54	22.50
		25	13	21.33	21.31	21.45	22.50
		25	25	21.27	21.08	21.35	22.50
		50	0	21.21	21.21	21.43	22.50
		1	0	22.75	22.72	22.74	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.75	22.72	22.74	24.00
		1	38	22.82	22.71	22.88	24.00
		1	74	22.78	22.65	22.91	24.00
		36	0	22.83	22.67	22.97	24.00
		36	18	22.77	22.74	22.95	24.00
		36	39	22.86	22.65	22.86	24.00
		75	0	22.83	22.71	22.94	24.00
	16QAM	1	0	22.96	22.71	22.96	24.00
		1	38	22.89	22.88	22.82	24.00
		1	74	22.70	22.88	22.94	24.00
		36	0	22.47	22.25	22.58	23.50
		36	18	22.27	22.37	22.42	23.50
		36	39	22.86	22.65	22.86	24.00

	64QAM	36	39	22.37	22.07	22.35	23.50
		75	0	22.41	22.10	22.48	23.50
		1	0	22.41	22.12	22.43	23.50
		1	38	22.32	22.37	22.27	23.50
		1	74	22.11	22.33	22.38	23.50
		36	0	21.46	21.22	21.49	22.50
		36	18	21.21	21.28	21.37	22.50
		36	39	21.32	21.04	21.32	22.50
		75	0	21.32	21.04	21.47	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.8	22.73	22.74	24.00
		1	50	22.78	22.89	22.81	24.00
		1	99	22.76	22.71	22.81	24.00
		50	0	22.88	23.02	23	24.00
		50	25	22.86	22.81	22.92	24.00
		50	50	22.9	22.66	22.93	24.00
		100	0	22.85	22.66	22.97	24.00
	16QAM	1	0	23.01	22.77	22.96	24.00
		1	50	22.81	22.94	22.81	24.00
		1	99	22.76	22.95	22.96	24.00
		50	0	22.39	22.24	22.53	23.50
		50	25	22.34	22.31	22.39	23.50
		50	50	22.35	22.15	22.43	23.50
		100	0	22.35	22.15	22.47	23.50
	64QAM	1	0	22.43	22.18	22.42	23.50
		1	50	22.23	22.36	22.25	23.50
		1	99	22.20	22.44	22.37	23.50
		50	0	21.34	21.23	21.48	22.50
		50	25	21.32	21.28	21.30	22.50
		50	50	21.31	21.14	21.34	22.50
		100	0	21.27	21.14	21.44	22.50

LTE Band 4 Sensor off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.70	24.31	24.32	25.50
		1	2	24.53	24.37	24.49	25.50
		1	5	24.59	24.60	24.17	25.50
		3	0	24.43	24.32	24.23	25.50
		3	2	24.35	24.43	24.28	25.50
		3	3	24.55	24.41	24.22	25.50
		6	0	23.51	23.39	23.34	24.50
	16QAM	1	0	23.73	23.74	23.72	24.50
		1	2	23.86	23.41	23.44	24.50
		1	5	23.50	23.29	23.56	24.50
		3	0	23.44	23.48	23.32	24.50
		3	2	23.44	23.35	23.38	24.50
		3	3	23.44	23.40	23.37	24.50
		6	0	22.40	22.32	22.32	23.50
	64QAM	1	0	22.61	22.26	22.28	23.50
		1	2	22.45	22.31	22.46	23.50
		1	5	22.58	22.52	22.13	23.50
		3	0	22.36	22.25	22.14	23.50
		3	2	22.26	22.34	22.24	23.50
		3	3	22.49	22.36	22.21	23.50
		6	0	21.49	21.37	21.32	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.55	24.44	24.51	25.50
		1	7	24.56	24.46	24.34	25.50
		1	14	24.58	24.39	24.40	25.50
		8	0	23.46	23.44	23.42	24.50
		8	4	23.45	23.45	23.38	24.50
		8	7	23.40	23.43	23.32	24.50
		15	0	23.49	23.40	23.41	24.50
	16QAM	1	0	23.51	23.80	23.79	24.50
		1	7	23.86	23.51	23.80	24.50
		1	14	23.82	24.01	23.67	24.50
		8	0	22.52	22.38	22.37	23.50
		8	4	22.39	22.37	22.39	23.50
		8	7	22.47	22.57	22.29	23.50
		15	0	22.50	22.31	22.39	23.50
	64QAM	1	0	22.46	22.41	22.49	23.50
		1	7	22.51	22.41	22.29	23.50
		1	14	22.54	22.31	22.35	23.50
		8	0	21.45	21.43	21.36	22.50
		8	4	21.42	21.43	21.33	22.50
		8	7	21.35	21.35	21.31	22.50
		15	0	21.42	21.34	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.55	24.58	24.38	25.50
		1	13	24.39	24.50	24.35	25.50
		1	24	24.42	24.43	24.40	25.50
		12	0	23.41	23.55	23.47	24.50

		12	6	23.47	23.47	23.42	24.50
		12	13	23.43	23.44	23.35	24.50
		25	0	23.49	23.44	23.41	24.50
	16QAM	1	0	23.83	23.80	23.78	24.50
		1	13	23.77	23.73	23.78	24.50
		1	24	23.43	23.84	23.60	24.50
		12	0	22.48	22.41	22.41	23.50
		12	6	22.50	22.48	22.38	23.50
		12	13	22.39	22.41	22.25	23.50
		25	0	22.51	22.50	22.49	23.50
	64QAM	1	0	22.52	22.50	22.35	23.50
		1	13	22.38	22.44	22.30	23.50
		1	24	22.38	22.36	22.31	23.50
		12	0	21.37	21.48	21.38	22.50
		12	6	21.41	21.38	21.40	22.50
		12	13	21.36	21.37	21.28	22.50
		25	0	21.47	21.38	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	24.52	24.55	24.49	25.50
		1	25	24.51	24.50	24.52	25.50
		1	49	24.49	24.35	24.26	25.50
		25	0	23.43	23.55	23.38	24.50
		25	13	23.46	23.48	23.44	24.50
		25	25	23.53	23.38	23.40	24.50
		50	0	23.55	23.54	23.41	24.50
	16QAM	1	0	23.55	23.93	23.96	24.50
		1	25	23.81	23.80	23.49	24.50
		1	49	23.53	23.64	23.66	24.50
		25	0	22.31	22.52	22.41	23.50
		25	13	22.45	22.43	22.38	23.50
		25	25	22.57	22.33	22.28	23.50
		50	0	22.53	22.42	22.36	23.50
	64QAM	1	0	22.49	22.52	22.48	23.50
		1	25	22.48	22.41	22.51	23.50
		1	49	22.40	22.26	22.21	23.50
		25	0	21.34	21.46	21.35	22.50
		25	13	21.39	21.47	21.40	22.50
		25	25	21.52	21.36	21.31	22.50
		50	0	21.46	21.46	21.34	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	24.41	24.29	24.67	25.50
		1	38	24.69	24.32	24.32	25.50
		1	74	24.63	24.21	24.62	25.50
		36	0	23.37	23.52	23.30	24.50
		36	18	23.40	23.42	23.38	24.50
		36	39	23.41	23.41	23.34	24.50
		75	0	23.48	23.47	23.41	24.50
	16QAM	1	0	23.64	23.28	23.30	24.50
		1	38	23.54	23.40	23.90	24.50
		1	74	23.49	23.60	23.40	24.50
		36	0	22.38	22.52	22.35	23.50
		36	18	22.42	22.46	22.41	23.50

	64QAM	36	39	22.41	22.42	22.37	23.50
		75	0	22.39	22.39	22.35	23.50
		1	0	22.36	22.26	22.63	23.50
		1	38	22.68	22.23	22.28	23.50
		1	74	22.56	22.17	22.58	23.50
		36	0	21.35	21.51	21.23	22.50
		36	18	21.34	21.34	21.33	22.50
		36	39	21.39	21.35	21.27	22.50
		75	0	21.43	21.39	21.32	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	24.48	24.38	24.40	25.50
		1	50	24.46	24.58	24.56	25.50
		1	99	24.49	24.31	24.37	25.50
		50	0	23.40	23.56	23.31	24.50
		50	25	23.46	23.45	23.39	24.50
		50	50	23.34	23.51	23.44	24.50
		100	0	23.38	23.55	23.31	24.50
	16QAM	1	0	23.97	23.73	23.29	24.50
		1	50	23.78	23.96	23.29	24.50
		1	99	23.78	23.56	23.70	24.50
		50	0	22.41	22.51	22.24	23.50
		50	25	22.46	22.46	22.42	23.50
		50	50	22.30	22.40	22.39	23.50
		100	0	22.39	22.52	22.28	23.50
	64QAM	1	0	22.42	22.30	22.35	23.50
		1	50	22.41	22.49	22.54	23.50
		1	99	22.44	22.25	22.35	23.50
		50	0	21.31	21.54	21.28	22.50
		50	25	21.40	21.44	21.31	22.50
		50	50	21.31	21.46	21.43	22.50
		100	0	21.30	21.54	21.26	22.50

LTE Band 4 Sensor on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.47	23.39	23.29	24.50
		1	2	23.41	23.39	23.34	24.50
		1	5	23.47	23.38	23.29	24.50
		3	0	23.4	23.38	23.3	24.50
		3	2	23.41	23.36	23.32	24.50
		3	3	23.41	23.36	23.29	24.50
		6	0	23.44	23.39	23.31	24.50
	16QAM	1	0	23.38	23.32	23.35	24.50
		1	2	23.39	23.36	23.38	24.50
		1	5	23.37	23.38	23.4	24.50
		3	0	23.46	23.38	23.29	24.50
		3	2	23.46	23.37	23.33	24.50
		3	3	23.41	23.36	23.33	24.50
		6	0	22.49	22.46	22.34	23.50
	64QAM	1	0	22.30	22.26	22.30	23.50
		1	2	22.32	22.34	22.30	23.50
		1	5	22.33	22.33	22.33	23.50
		3	0	22.39	22.29	22.22	23.50
		3	2	22.44	22.36	22.30	23.50
		3	3	22.33	22.33	22.26	23.50
		6	0	21.41	21.39	21.30	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.41	23.49	23.35	24.50
		1	7	23.56	23.42	23.45	24.50
		1	14	23.32	23.27	23.23	24.50
		8	0	23.44	23.51	23.19	24.50
		8	4	23.51	23.38	23.39	24.50
		8	7	23.33	23.50	23.37	24.50
		15	0	23.42	23.40	23.30	24.50
	16QAM	1	0	23.36	23.43	23.54	24.50
		1	7	23.43	23.35	23.39	24.50
		1	14	23.49	23.34	23.55	24.50
		8	0	22.45	22.52	22.19	23.50
		8	4	22.50	22.43	22.34	23.50
		8	7	22.33	22.46	22.31	23.50
		15	0	22.33	22.51	22.26	23.50
	64QAM	1	0	22.33	22.36	22.46	23.50
		1	7	22.34	22.28	22.32	23.50
		1	14	22.48	22.30	22.53	23.50
		8	0	21.41	21.43	21.16	22.50
		8	4	21.41	21.38	21.28	22.50
		8	7	21.24	21.44	21.30	22.50
		15	0	21.25	21.44	21.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.40	23.48	23.41	24.50
		1	13	23.54	23.50	23.40	24.50
		1	24	23.25	23.23	23.27	24.50
		12	0	23.42	23.52	23.19	24.50

		12	6	23.37	23.50	23.36	24.50
		12	13	23.43	23.38	23.49	24.50
		25	0	23.44	23.42	23.43	24.50
	16QAM	1	0	23.39	23.38	23.49	24.50
		1	13	23.49	23.48	23.37	24.50
		1	24	23.48	23.53	23.42	24.50
		12	0	22.46	22.49	22.30	23.50
		12	6	22.53	22.44	22.34	23.50
		12	13	22.34	22.53	22.35	23.50
		25	0	22.40	22.41	22.36	23.50
		1	0	22.30	22.33	22.46	23.50
	64QAM	1	13	22.47	22.45	22.34	23.50
		1	24	22.47	22.49	22.41	23.50
		12	0	21.42	21.48	21.24	22.50
		12	6	21.52	21.40	21.25	22.50
		12	13	21.27	21.49	21.31	22.50
		25	0	21.39	21.35	21.33	22.50
		1	0	21.39	21.35	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.51	23.47	23.47	24.50
		1	25	23.46	23.39	23.36	24.50
		1	49	23.22	23.21	23.20	24.50
		25	0	23.41	23.64	23.34	24.50
		25	13	23.41	23.34	23.41	24.50
		25	25	23.41	23.41	23.51	24.50
		50	0	23.43	23.44	23.42	24.50
	16QAM	1	0	23.28	23.25	23.30	24.50
		1	25	23.50	23.31	23.35	24.50
		1	49	23.53	23.54	23.43	24.50
		25	0	22.37	22.45	22.16	23.50
		25	13	22.41	22.36	22.30	23.50
		25	25	22.33	22.47	22.35	23.50
		50	0	22.38	22.52	22.27	23.50
	64QAM	1	0	22.27	22.21	22.24	23.50
		1	25	22.43	22.23	22.26	23.50
		1	49	22.52	22.51	22.36	23.50
		25	0	21.36	21.38	21.08	22.50
		25	13	21.33	21.34	21.22	22.50
		25	25	21.30	21.45	21.31	22.50
		50	0	21.32	21.49	21.25	22.50
		1	0	21.32	21.49	21.25	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.58	23.32	23.44	24.50
		1	38	23.54	23.32	23.50	24.50
		1	74	23.36	23.18	23.25	24.50
		36	0	23.32	23.49	23.19	24.50
		36	18	23.45	23.49	23.45	24.50
		36	39	23.43	23.45	23.42	24.50
		75	0	23.37	23.55	23.45	24.50
	16QAM	1	0	23.54	23.51	23.54	24.50
		1	38	23.43	23.51	23.43	24.50
		1	74	23.48	23.57	23.38	24.50
		36	0	22.32	22.55	22.27	23.50
		36	18	22.41	22.45	22.48	23.50
		36	18	22.41	22.45	22.48	23.50

		36	39	22.19	22.45	22.42	23.50
		75	0	22.34	22.51	22.37	23.50
	64QAM	1	0	22.52	22.42	22.51	23.50
		1	38	22.36	22.44	22.34	23.50
		1	74	22.40	22.54	22.34	23.50
		36	0	21.31	21.47	21.23	22.50
		36	18	21.40	21.36	21.43	22.50
		36	39	21.14	21.44	21.38	22.50
		75	0	21.26	21.47	21.30	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	23.49	23.42	23.38	24.50
		1	50	23.41	23.51	23.42	24.50
		1	99	23.32	23.27	23.27	24.50
		50	0	23.4	23.56	23.29	24.50
		50	25	23.46	23.4	23.41	24.50
		50	50	23.34	23.48	23.46	24.50
		100	0	23.36	23.47	23.35	24.50
	16QAM	1	0	23.54	23.39	23.35	24.50
		1	50	23.55	23.51	23.5	24.50
		1	99	23.4	23.52	23.48	24.50
		50	0	22.38	22.54	22.26	23.50
		50	25	22.47	22.42	22.4	23.50
		50	50	22.29	22.43	22.41	23.50
		100	0	22.35	22.5	22.33	23.50
	64QAM	1	0	22.51	22.37	22.29	23.50
		1	50	22.49	22.47	22.48	23.50
		1	99	22.37	22.51	22.40	23.50
		50	0	21.30	21.49	21.25	22.50
		50	25	21.43	21.39	21.33	22.50
		50	50	21.25	21.36	21.38	22.50
		100	0	21.30	21.48	21.26	22.50



LTE Band 7 Sensor off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.98	24.17	24.15	25.00
		1	13	24.01	24.15	24.23	25.00
		1	24	24.05	24.17	24.23	25.00
		12	0	23.00	23.12	23.19	24.00
		12	6	22.96	23.11	23.19	24.00
		12	13	22.97	23.05	23.18	24.00
		25	0	22.96	23.07	23.17	24.00
	16QAM	1	0	23.14	23.24	23.28	24.00
		1	13	23.14	23.23	23.33	24.00
		1	24	23.14	23.27	23.34	24.00
		12	0	22.00	22.11	22.19	23.00
		12	6	21.94	22.10	22.15	23.00
		12	13	21.98	22.05	22.16	23.00
		25	0	21.96	22.10	22.20	23.00
	64QAM	1	0	21.93	22.12	22.12	23.00
		1	13	22.00	22.14	22.14	23.00
		1	24	22.00	22.12	22.21	23.00
		12	0	20.92	21.08	21.18	22.00
		12	6	20.92	21.03	21.16	22.00
		12	13	20.90	20.99	21.10	22.00
		25	0	20.87	20.99	21.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.94	24.06	24.07	25.00
		1	25	24.02	24.12	24.15	25.00
		1	49	24.05	24.15	24.22	25.00
		25	0	22.98	23.05	23.07	24.00
		25	13	22.99	23.08	23.15	24.00
		25	25	23.01	23.09	23.19	24.00
		50	0	23.01	23.10	23.16	24.00
	16QAM	1	0	23.09	23.26	23.30	24.00
		1	25	23.14	23.25	23.35	24.00
		1	49	23.21	23.18	23.40	24.00
		25	0	21.98	22.10	22.10	23.00
		25	13	21.98	22.05	22.18	23.00
		25	25	21.96	22.08	22.20	23.00
		50	0	21.97	22.10	22.16	23.00
	64QAM	1	0	21.90	22.04	22.01	23.00
		1	25	21.98	22.04	22.14	23.00
		1	49	21.98	22.06	22.14	23.00
		25	0	20.93	20.98	21.01	22.00
		25	13	20.90	21.05	21.09	22.00
		25	25	20.98	21.04	21.11	22.00
		50	0	20.92	21.01	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.86	23.99	24.05	25.00
		1	38	24.03	24.14	24.24	25.00
		1	74	24.09	24.14	24.26	25.00
		36	0	22.95	23.07	23.03	24.00

		36	18	23.03	23.07	23.17	24.00
		36	39	23.04	23.08	23.25	24.00
		75	0	23.07	23.07	23.19	24.00
	16QAM	1	0	23.09	23.19	23.17	24.00
		1	38	23.18	23.23	23.38	24.00
		1	74	23.26	23.27	23.42	24.00
		36	0	22.00	22.01	22.06	23.00
		36	18	21.99	22.03	22.17	23.00
		36	39	22.08	22.10	22.25	23.00
		75	0	22.09	22.03	22.20	23.00
	64QAM	1	0	21.84	21.90	22.00	23.00
		1	38	21.97	22.06	22.20	23.00
		1	74	22.03	22.10	22.25	23.00
		36	0	20.89	20.98	20.98	22.00
		36	18	20.94	20.98	21.10	22.00
		36	39	21.02	21.06	21.18	22.00
		75	0	20.98	21.03	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	23.87	23.91	23.97	25.00
		1	50	24.03	24.13	24.19	25.00
		1	99	24.09	24.18	24.30	25.00
		50	0	23.05	23.00	23.31	24.00
		50	25	23.10	23.17	23.21	24.00
		50	50	23.13	23.04	23.08	24.00
		100	0	23.08	23.04	23.17	24.00
	16QAM	1	0	23.00	23.07	23.15	24.00
		1	50	23.25	23.26	23.31	24.00
		1	99	23.30	23.25	23.37	24.00
		50	0	22.06	21.96	22.11	23.00
		50	25	22.03	22.14	22.17	23.00
		50	50	22.15	22.06	22.28	23.00
		100	0	22.13	22.06	22.18	23.00
	64QAM	1	0	21.78	21.87	21.91	23.00
		1	50	21.97	22.09	22.10	23.00
		1	99	22.00	22.17	22.28	23.00
		50	0	20.98	20.94	21.24	22.00
		50	25	21.02	21.13	21.17	22.00
		50	50	21.06	21.02	21.02	22.00
		100	0	21.02	20.98	21.11	22.00

LTE Band 7 Sensor on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.23	17.39	17.43	18.50
		1	13	17.26	17.4	17.51	18.50
		1	24	17.26	17.43	17.54	18.50
		12	0	17.26	17.42	17.51	18.50
		12	6	17.23	17.43	17.48	18.50
		12	13	17.24	17.37	17.55	18.50
		25	0	17.26	17.39	17.52	18.50
	16QAM	1	0	17.45	17.58	17.72	18.50
		1	13	17.45	17.59	17.71	18.50
		1	24	17.46	17.65	17.76	18.50
		12	0	17.28	17.41	17.5	18.50
		12	6	17.23	17.37	17.49	18.50
		12	13	17.21	17.39	17.56	18.50
		25	0	17.26	17.41	17.55	18.50
	64QAM	1	0	17.42	17.55	17.68	18.50
		1	13	17.44	17.51	17.69	18.50
		1	24	17.45	17.62	17.75	18.50
		12	0	17.19	17.32	17.42	18.50
		12	6	17.18	17.36	17.40	18.50
		12	13	17.12	17.37	17.54	18.50
		25	0	17.18	17.34	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.19	17.34	17.39	18.50
		1	25	17.25	17.38	17.47	18.50
		1	49	17.33	17.41	17.56	18.50
		25	0	17.26	17.39	17.4	18.50
		25	13	17.25	17.39	17.52	18.50
		25	25	17.28	17.4	17.56	18.50
		50	0	17.31	17.47	17.51	18.50
	16QAM	1	0	17.44	17.6	17.7	18.50
		1	25	17.42	17.62	17.76	18.50
		1	49	17.53	17.59	17.83	18.50
		25	0	17.28	17.41	17.44	18.50
		25	13	17.3	17.38	17.53	18.50
		25	25	17.3	17.43	17.55	18.50
		50	0	17.28	17.44	17.52	18.50
	64QAM	1	0	17.38	17.53	17.66	18.50
		1	25	17.39	17.56	17.67	18.50
		1	49	17.46	17.52	17.79	18.50
		25	0	17.19	17.36	17.36	18.50
		25	13	17.21	17.35	17.49	18.50
		25	25	17.24	17.42	17.54	18.50
		50	0	17.26	17.37	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.16	17.24	17.31	18.50
		1	38	17.28	17.42	17.49	18.50
		1	74	17.36	17.44	17.61	18.50
		36	0	17.24	17.33	17.41	18.50

		36	18	17.26	17.35	17.52	18.50
		36	39	17.33	17.34	17.61	18.50
		75	0	17.35	17.39	17.54	18.50
	16QAM	1	0	17.39	17.5	17.57	18.50
		1	38	17.5	17.62	17.82	18.50
		1	74	17.59	17.58	17.79	18.50
		36	0	17.26	17.37	17.39	18.50
		36	18	17.32	17.4	17.5	18.50
		36	39	17.37	17.39	17.61	18.50
		75	0	17.38	17.36	17.5	18.50
	64QAM	1	0	17.36	17.46	17.51	18.50
		1	38	17.44	17.54	17.81	18.50
		1	74	17.55	17.49	17.72	18.50
		36	0	17.20	17.29	17.32	18.50
		36	18	17.30	17.36	17.43	18.50
		36	39	17.28	17.36	17.52	18.50
		75	0	17.32	17.34	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.13	17.17	17.34	18.50
		1	50	17.34	17.41	17.47	18.50
		1	99	17.38	17.44	17.55	18.50
		50	0	17.4	17.29	17.68	18.50
		50	25	17.34	17.46	17.5	18.50
		50	50	17.45	17.35	17.47	18.50
		100	0	17.43	17.4	17.58	18.50
	16QAM	1	0	17.28	17.47	17.58	18.50
		1	50	17.59	17.63	17.74	18.50
		1	99	17.67	17.6	17.77	18.50
		50	0	17.41	17.27	17.44	18.50
		50	25	17.35	17.42	17.56	18.50
		50	50	17.48	17.35	17.67	18.50
		100	0	17.41	17.38	17.57	18.50
	64QAM	1	0	17.24	17.43	17.51	18.50
		1	50	17.52	17.58	17.73	18.50
		1	99	17.66	17.58	17.72	18.50
		50	0	17.38	17.19	17.36	18.50
		50	25	17.26	17.33	17.48	18.50
		50	50	17.46	17.33	17.63	18.50
		100	0	17.36	17.29	17.53	18.50



LTE Band 38 Sensor off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.12	24.22	24.29	25.00
		1	13	24.19	24.24	24.32	25.00
		1	24	24.20	24.24	24.33	25.00
		12	0	23.10	23.20	23.30	24.00
		12	6	23.12	23.18	23.27	24.00
		12	13	23.17	23.18	23.25	24.00
		25	0	23.15	23.18	23.29	24.00
	16QAM	1	0	23.09	23.18	23.17	24.00
		1	13	23.17	23.17	23.17	24.00
		1	24	23.18	23.17	23.22	24.00
		12	0	22.04	22.12	22.23	23.00
		12	6	22.07	22.11	22.22	23.00
		12	13	22.09	22.11	22.18	23.00
		25	0	22.15	22.21	22.32	23.00
	64QAM	1	0	22.06	22.20	22.22	23.00
		1	13	22.12	22.23	22.23	23.00
		1	24	22.13	22.18	22.26	23.00
		12	0	21.01	21.18	21.23	22.00
		12	6	21.09	21.17	21.18	22.00
		12	13	21.16	21.12	21.19	22.00
		25	0	21.11	21.12	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.10	24.21	24.17	25.00
		1	25	24.19	24.20	24.28	25.00
		1	49	24.17	24.18	24.25	25.00
		25	0	23.09	23.15	23.24	24.00
		25	13	23.15	23.17	23.21	24.00
		25	25	23.16	23.16	23.22	24.00
		50	0	23.16	23.16	23.24	24.00
	16QAM	1	0	23.07	23.17	23.11	24.00
		1	25	23.12	23.19	23.18	24.00
		1	49	23.15	23.12	23.18	24.00
		25	0	22.10	22.17	22.27	23.00
		25	13	22.17	22.19	22.25	23.00
		25	25	22.18	22.17	22.26	23.00
		50	0	22.15	22.15	22.26	23.00
	64QAM	1	0	22.03	22.18	22.15	23.00
		1	25	22.14	22.15	22.22	23.00
		1	49	22.14	22.14	22.23	23.00
		25	0	21.07	21.12	21.21	22.00
		25	13	21.10	21.14	21.16	22.00
		25	25	21.11	21.12	21.20	22.00
		50	0	21.14	21.09	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.14	24.20	24.15	25.00
		1	38	24.20	24.22	24.26	25.00
		1	74	24.23	24.16	24.26	25.00
		36	0	23.10	23.13	23.18	24.00

		36	18	23.13	23.12	23.20	24.00
		36	39	23.17	23.14	23.17	24.00
		75	0	23.16	23.15	23.20	24.00
	16QAM	1	0	23.11	23.18	23.10	24.00
		1	38	23.19	23.18	23.18	24.00
		1	74	23.20	23.11	23.18	24.00
		36	0	22.07	22.10	22.11	23.00
		36	18	22.11	22.11	22.17	23.00
		36	39	22.13	22.13	22.15	23.00
		75	0	22.15	22.14	22.21	23.00
	64QAM	1	0	22.05	22.13	22.14	23.00
		1	38	22.19	22.13	22.24	23.00
		1	74	22.19	22.10	22.23	23.00
		36	0	21.02	21.08	21.14	22.00
		36	18	21.09	21.11	21.13	22.00
		36	39	21.08	21.07	21.09	22.00
		75	0	21.08	21.12	21.17	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	24.02	24.12	24.11	25.00
		1	50	24.19	24.20	24.20	25.00
		1	99	24.17	24.14	24.21	25.00
		50	0	23.13	23.14	23.26	24.00
		50	25	23.19	23.18	23.18	24.00
		50	50	23.26	23.19	23.17	24.00
		100	0	23.18	23.12	23.18	24.00
	16QAM	1	0	23.05	23.14	23.08	24.00
		1	50	23.19	23.17	23.16	24.00
		1	99	23.15	23.11	23.12	24.00
		50	0	22.11	22.13	22.21	23.00
		50	25	22.18	22.18	22.25	23.00
		50	50	22.27	22.21	22.20	23.00
		100	0	22.16	22.11	22.20	23.00
	64QAM	1	0	22.00	22.05	22.09	23.00
		1	50	22.14	22.19	22.14	23.00
		1	99	22.13	22.06	22.18	23.00
		50	0	21.11	21.05	21.18	22.00
		50	25	21.12	21.16	21.17	22.00
		50	50	21.18	21.13	21.10	22.00
		100	0	21.16	21.11	21.10	22.00



LTE Band 38 Sensor on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.92	19.05	19.16	20.00
		1	13	19	19.06	19.15	20.00
		1	24	19	19.03	19.21	20.00
		12	0	18.91	19.02	19.12	20.00
		12	6	18.92	19	19.11	20.00
		12	13	18.96	19	19.11	20.00
		25	0	18.93	18.99	19.1	20.00
	16QAM	1	0	18.96	19.06	19.09	20.00
		1	13	18.99	19.01	19.08	20.00
		1	24	19.03	19.05	19.16	20.00
		12	0	18.89	18.97	19.08	20.00
		12	6	18.89	18.99	19.08	20.00
		12	13	18.95	18.97	19.07	20.00
		25	0	18.97	19.06	19.2	20.00
	64QAM	1	0	18.94	19.00	19.01	20.00
		1	13	18.98	18.99	19.07	20.00
		1	24	19.00	18.99	19.12	20.00
		12	0	18.83	18.90	19.02	20.00
		12	6	18.81	18.91	19.02	20.00
		12	13	18.90	18.90	19.04	20.00
		25	0	18.90	18.99	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.95	19.04	19.06	20.00
		1	25	19	19.07	19.16	20.00
		1	49	19	19.06	19.14	20.00
		25	0	18.9	19.02	19.11	20.00
		25	13	18.99	19.02	19.08	20.00
		25	25	18.99	18.95	19.12	20.00
		50	0	18.99	19.01	19.11	20.00
	16QAM	1	0	18.96	19.07	19.12	20.00
		1	25	19.03	19.08	19.11	20.00
		1	49	19.03	19.05	19.16	20.00
		25	0	18.96	19.05	19.18	20.00
		25	13	19.02	19.05	19.17	20.00
		25	25	19.05	19.04	19.15	20.00
		50	0	19.03	19.03	19.14	20.00
	64QAM	1	0	18.92	19.06	19.08	20.00
		1	25	18.96	18.99	19.02	20.00
		1	49	19.00	18.96	19.08	20.00
		25	0	18.93	19.04	19.13	20.00
		25	13	18.94	19.03	19.15	20.00
		25	25	19.02	18.98	19.14	20.00
		50	0	19.02	18.94	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	18.89	18.97	18.94	20.00
		1	38	19.11	19.04	19.07	20.00
		1	74	18.99	18.95	19.06	20.00
		36	0	18.95	18.99	19.03	20.00

		36	18	18.95	18.94	19.07	20.00
		36	39	19.01	18.98	19.03	20.00
		75	0	18.95	18.97	19.06	20.00
	16QAM	1	0	18.93	19.02	18.94	20.00
		1	38	19.05	19.04	19.1	20.00
		1	74	19.06	18.97	19.08	20.00
		36	0	18.89	18.93	19.02	20.00
		36	18	18.95	18.94	19.04	20.00
		36	39	18.95	18.96	19.03	20.00
		75	0	19	18.98	19.1	20.00
	64QAM	1	0	18.88	19.00	18.86	20.00
		1	38	19.01	19.03	19.02	20.00
		1	74	19.03	18.94	18.99	20.00
		36	0	18.81	18.87	18.98	20.00
		36	18	18.87	18.86	18.98	20.00
		36	39	18.91	18.88	18.96	20.00
		75	0	18.95	18.91	19.09	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	18.86	18.95	18.93	20.00
		1	50	19.02	19.01	19.02	20.00
		1	99	18.95	18.96	19.03	20.00
		50	0	18.92	18.99	19.11	20.00
		50	25	19.01	19.03	19.05	20.00
		50	50	19.08	18.99	19.04	20.00
		100	0	19.01	18.95	19.04	20.00
	16QAM	1	0	18.91	18.97	18.93	20.00
		1	50	19.05	19.04	19.04	20.00
		1	99	19.01	18.95	19.04	20.00
		50	0	18.94	18.99	19.09	20.00
		50	25	19.03	19.02	19.15	20.00
		50	50	19.11	19.05	19.09	20.00
		100	0	19.03	18.98	19.05	20.00
	64QAM	1	0	18.88	18.94	18.89	20.00
		1	50	18.98	19.02	18.97	20.00
		1	99	18.98	18.87	18.98	20.00
		50	0	18.86	18.98	19.00	20.00
		50	25	18.97	18.94	19.10	20.00
		50	50	19.10	19.01	19.02	20.00
		100	0	18.99	18.94	18.98	20.00

LTE Band 41 Sensor off&Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.94	24.06	24.26	24.39	24.58	25.00
		1	13	23.98	24.15	24.30	24.38	24.58	25.00
		1	24	23.98	24.13	24.30	24.44	24.58	25.00
		12	0	22.96	23.11	23.19	23.35	23.59	24.00
		12	6	22.92	23.08	23.19	23.35	23.58	24.00
		12	13	22.88	23.06	23.16	23.35	23.48	24.00
		25	0	22.92	23.17	23.13	23.34	23.59	24.00
	16QAM	1	0	22.91	23.02	23.19	23.34	23.49	24.00
		1	13	22.90	23.02	23.20	23.33	23.47	24.00
		1	24	22.91	23.01	23.19	23.33	23.52	24.00
		12	0	21.88	22.06	22.10	22.30	22.50	23.00
		12	6	21.83	22.02	22.14	22.28	22.51	23.00
		12	13	21.87	21.95	22.16	22.30	22.47	23.00
		25	0	21.98	22.18	22.22	22.39	22.60	23.00
	64QAM	1	0	21.92	21.98	22.21	22.38	22.53	23.00
		1	13	21.90	22.13	22.26	22.37	22.50	23.00
		1	24	21.90	22.04	22.25	22.42	22.50	23.00
		12	0	20.88	21.10	21.15	21.31	21.53	22.00
		12	6	20.83	21.01	21.17	21.34	21.52	22.00
		12	13	20.86	20.97	21.15	21.29	21.40	22.00
		25	0	20.91	21.10	21.10	21.28	21.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	23.96	24.07	24.22	24.40	24.49	25.00
		1	25	23.91	24.10	24.26	24.41	24.54	25.00
		1	49	23.93	24.13	24.28	24.37	24.57	25.00
		25	0	22.91	23.08	23.18	23.37	23.57	24.00
		25	13	22.92	23.07	23.24	23.34	23.53	24.00
		25	25	22.98	23.05	23.24	23.40	23.50	24.00
		50	0	22.91	23.09	23.26	23.47	23.53	24.00
	16QAM	1	0	22.91	23.01	23.21	23.30	23.47	24.00
		1	25	22.92	23.04	23.21	23.36	23.54	24.00
		1	49	22.92	23.06	23.21	23.33	23.47	24.00
		25	0	21.92	22.15	22.24	22.42	22.58	23.00
		25	13	21.94	22.13	22.24	22.39	22.54	23.00
		25	25	22.04	22.05	22.28	22.43	22.52	23.00
		50	0	22.00	22.10	22.26	22.33	22.52	23.00
	64QAM	1	0	21.91	22.03	22.20	22.31	22.46	23.00
		1	25	21.84	22.05	22.18	22.36	22.49	23.00
		1	49	21.91	22.07	22.26	22.36	22.48	23.00
		25	0	20.89	20.99	21.14	21.31	21.50	22.00
		25	13	20.84	20.98	21.22	21.27	21.49	22.00
		25	25	20.94	21.01	21.20	21.36	21.47	22.00
		50	0	20.89	21.04	21.19	21.39	21.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.93	24.07	24.23	24.33	24.47	25.00
		1	38	24.03	24.12	24.24	24.38	24.51	25.00
		1	74	23.98	24.11	24.18	24.32	24.50	25.00
		36	0	22.89	23.06	23.11	23.32	23.48	24.00

		36	18	22.88	23.00	23.17	23.34	23.52	24.00
		36	39	22.94	23.02	23.20	23.34	23.43	24.00
		75	0	22.97	23.04	23.20	23.35	23.65	24.00
	16QAM	1	0	22.89	22.99	23.25	23.28	23.50	24.00
		1	38	22.96	23.06	23.17	23.34	23.42	24.00
		1	74	22.98	23.02	23.16	23.26	23.43	24.00
		36	0	21.79	22.02	22.13	22.27	22.46	23.00
		36	18	21.85	22.01	22.13	22.28	22.47	23.00
		36	39	21.97	22.06	22.18	22.28	22.42	23.00
		75	0	21.91	22.09	22.20	22.34	22.50	23.00
	64QAM	1	0	21.92	22.05	22.17	22.24	22.46	23.00
		1	38	22.01	22.06	22.17	22.37	22.43	23.00
		1	74	21.97	22.06	22.17	22.23	22.43	23.00
		36	0	20.86	21.00	21.07	21.31	21.42	22.00
		36	18	20.87	20.91	21.09	21.27	21.45	22.00
		36	39	20.88	21.01	21.11	21.26	21.40	22.00
		75	0	20.95	21.01	21.19	21.29	21.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.83	24.00	24.09	24.23	24.42	25.00
		1	50	23.97	24.07	24.18	24.33	24.41	25.00
		1	99	23.87	24.01	24.11	24.26	24.44	25.00
		50	0	22.87	23.14	23.11	23.35	23.47	24.00
		50	25	22.97	23.07	23.24	23.37	23.45	24.00
		50	50	23.08	23.12	23.21	23.35	23.42	24.00
		100	0	22.94	23.08	23.19	23.36	23.40	24.00
	16QAM	1	0	22.85	22.95	23.13	23.18	23.37	24.00
		1	50	22.98	23.05	23.20	23.30	23.42	24.00
		1	99	22.88	23.01	23.08	23.33	23.35	24.00
		50	0	21.90	22.11	22.11	22.35	22.48	23.00
		50	25	21.97	22.07	22.24	22.38	22.47	23.00
		50	50	22.10	22.12	22.23	22.33	22.41	23.00
		100	0	21.96	22.19	22.21	22.31	22.35	23.00
	64QAM	1	0	21.80	21.99	22.08	22.16	22.35	23.00
		1	50	21.95	22.04	22.16	22.28	22.39	23.00
		1	99	21.85	21.98	22.02	22.17	22.37	23.00
		50	0	20.78	21.06	21.02	21.26	21.40	22.00
		50	25	20.89	21.05	21.22	21.32	21.44	22.00
		50	50	21.02	21.11	21.19	21.31	21.38	22.00
		100	0	20.86	21.00	21.17	21.29	21.35	22.00

LTE Band 41 Sensor on&Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	19.41	19.35	19.41	19.63	19.86	20.50
		1	13	19.40	19.61	19.62	19.75	19.80	20.50
		1	24	19.31	19.52	19.66	19.64	19.77	20.50
		12	0	19.41	19.51	19.47	19.89	20.06	20.50
		12	6	19.46	19.55	19.74	19.81	19.86	20.50
		12	13	19.48	19.60	19.73	19.85	19.91	20.50
		25	0	19.34	19.58	19.69	19.86	19.96	20.50
	16QAM	1	0	19.44	19.35	19.50	19.64	19.87	20.50
		1	13	19.39	19.54	19.64	19.85	19.89	20.50
		1	24	19.43	19.44	19.46	19.68	19.79	20.50
		12	0	19.34	19.64	19.58	19.77	20.01	20.50
		12	6	19.43	19.50	19.77	19.75	20.04	20.50
		12	13	19.57	19.53	19.66	19.88	19.92	20.50
		25	0	19.51	19.61	19.63	19.84	20.03	20.50
	64QAM	1	0	19.33	19.26	19.38	19.57	19.83	20.50
		1	13	19.35	19.59	19.56	19.73	19.77	20.50
		1	24	19.29	19.43	19.59	19.56	19.69	20.50
		12	0	19.38	19.48	19.39	19.83	20.03	20.50
		12	6	19.37	19.48	19.72	19.72	19.77	20.50
		12	13	19.47	19.56	19.67	19.82	19.82	20.50
		25	0	19.33	19.50	19.67	19.77	19.89	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	19.31	19.36	19.41	19.72	19.80	20.50
		1	25	19.34	19.53	19.58	19.84	19.96	20.50
		1	49	19.27	19.42	19.61	19.72	19.83	20.50
		25	0	19.41	19.51	19.53	19.79	19.99	20.50
		25	13	19.34	19.55	19.64	19.89	19.90	20.50
		25	25	19.56	19.46	19.75	19.73	19.88	20.50
		50	0	19.52	19.60	19.64	19.80	19.80	20.50
	16QAM	1	0	19.39	19.40	19.60	19.61	19.82	20.50
		1	25	19.39	19.48	19.62	19.77	19.98	20.50
		1	49	19.40	19.39	19.62	19.77	19.95	20.50
		25	0	19.25	19.59	19.52	19.79	19.98	20.50
		25	13	19.36	19.56	19.70	19.74	19.95	20.50
		25	25	19.47	19.57	19.58	19.85	19.85	20.50
		50	0	19.34	19.60	19.61	19.71	19.95	20.50
	64QAM	1	0	19.29	19.27	19.35	19.67	19.79	20.50
		1	25	19.25	19.46	19.55	19.83	19.87	20.50
		1	49	19.25	19.39	19.58	19.68	19.82	20.50
		25	0	19.35	19.42	19.48	19.74	19.97	20.50
		25	13	19.33	19.47	19.55	19.85	19.87	20.50
		25	25	19.50	19.42	19.71	19.70	19.85	20.50
		50	0	19.43	19.54	19.61	19.74	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	19.28	19.44	19.45	19.75	19.72	20.50
		1	38	19.32	19.51	19.73	19.76	19.89	20.50
		1	74	19.29	19.39	19.63	19.70	19.91	20.50
		36	0	19.33	19.59	19.56	19.76	20.02	20.50

		36	18	19.34	19.50	19.66	19.79	19.97	20.50
		36	39	19.66	19.57	19.76	19.75	19.89	20.50
		75	0	19.52	19.52	19.65	19.74	19.82	20.50
	16QAM	1	0	19.43	19.49	19.48	19.69	19.96	20.50
		1	38	19.45	19.62	19.71	19.69	19.84	20.50
		1	74	19.31	19.55	19.47	19.67	19.88	20.50
		36	0	19.22	19.64	19.67	19.91	19.95	20.50
		36	18	19.36	19.53	19.63	19.88	19.97	20.50
		36	39	19.45	19.52	19.73	19.84	19.96	20.50
		75	0	19.44	19.48	19.73	19.84	19.90	20.50
	64QAM	1	0	19.20	19.35	19.41	19.67	19.68	20.50
		1	38	19.31	19.47	19.64	19.68	19.84	20.50
		1	74	19.20	19.34	19.57	19.64	19.90	20.50
		36	0	19.32	19.56	19.48	19.72	19.93	20.50
		36	18	19.28	19.45	19.61	19.76	19.93	20.50
		36	39	19.64	19.53	19.68	19.72	19.81	20.50
		75	0	19.49	19.48	19.61	19.73	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	19.34	19.42	19.51	19.67	19.82	20.50
		1	50	19.41	19.55	19.66	19.75	19.9	20.50
		1	99	19.36	19.48	19.59	19.71	19.84	20.50
		50	0	19.33	19.56	19.57	19.84	19.96	20.50
		50	25	19.43	19.52	19.68	19.84	19.94	20.50
		50	50	19.58	19.53	19.68	19.79	19.85	20.50
		100	0	19.43	19.56	19.61	19.78	19.9	20.50
	16QAM	1	0	19.39	19.39	19.56	19.65	19.87	20.50
		1	50	19.44	19.52	19.66	19.76	19.94	20.50
		1	99	19.37	19.49	19.55	19.75	19.88	20.50
		50	0	19.32	19.6	19.6	19.85	19.9	20.50
		50	25	19.43	19.57	19.7	19.83	19.95	20.50
		50	50	19.55	19.59	19.68	19.82	19.88	20.50
		100	0	19.41	19.58	19.63	19.81	19.94	20.50
	64QAM	1	0	19.33	19.34	19.49	19.62	19.78	20.50
		1	50	19.32	19.47	19.57	19.67	19.86	20.50
		1	99	19.33	19.43	19.55	19.64	19.79	20.50
		50	0	19.27	19.55	19.49	19.78	19.93	20.50
		50	25	19.40	19.45	19.63	19.80	19.91	20.50
		50	50	19.53	19.50	19.66	19.73	19.77	20.50
		100	0	19.41	19.51	19.58	19.70	19.89	20.50

Table 7 : Conducted Power of LTE

4 Conducted Power of Main Antenna(Ant4)

4.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	33.40	33.55	33.50	34.00	-9.19	24.21	24.36	24.31	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	33.34	33.48	33.44	34.00	-9.19	24.15	24.29	24.25	24.81
	2 TX Slots	29.94	29.94	29.95	31.00	-6.18	23.76	23.76	23.77	24.82
	3 TX Slots	27.48	27.52	27.50	29.20	-4.42	23.06	23.1	23.08	24.78
	4 TX Slots	26.53	26.64	26.53	28.00	-3.17	23.36	23.47	23.36	24.83
EGPRS(8PSK)	1 TX Slot	27.23	27.23	27.14	28.00	-9.19	18.04	18.04	17.95	18.81
	2 TX Slots	24.03	24.06	23.99	25.00	-6.18	17.85	17.88	17.81	18.82
	3 TX Slots	22.16	22.12	22.03	23.20	-4.42	17.74	17.7	17.61	18.78
	4 TX Slots	20.83	20.67	20.72	22.00	-3.17	17.66	17.5	17.55	18.83

Table 8 : Conducted Power of GSM

4.2 Conducted Power of WCDMA

WCDMA Band V Receiver off&Hotspot off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.54	23.36	23.43	25.00
	12.2kbps AMR	23.53	23.34	23.42	25.00
HSDPA	Subtest 1	22.55	22.88	22.49	24.00
	Subtest 2	22.34	22.68	22.31	24.00
	Subtest 3	22.09	22.27	22.14	23.50
	Subtest 4	22.01	22.00	21.91	23.50
HSUPA	Subtest 1	22.59	22.78	22.27	24.00
	Subtest 2	20.32	20.67	20.35	22.00
	Subtest 3	21.20	21.47	21.45	23.00
	Subtest 4	20.51	20.09	20.07	22.00
	Subtest 5	22.52	22.59	22.28	24.00
DC-HSDPA	Subtest 1	22.55	22.75	22.29	24.00
	Subtest 2	22.44	22.81	22.30	24.00
	Subtest 3	22.07	22.21	22.24	23.50
	Subtest 4	22.05	22.11	21.87	23.50

WCDMA Band V Receiver on&Hotspot on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.37	20.29	20.25	22.00
	12.2kbps AMR	20.35	20.24	20.30	22.00
HSDPA	Subtest 1	19.33	19.66	19.25	21.00
	Subtest 2	19.11	19.47	19.09	21.00
	Subtest 3	18.76	19.08	18.88	20.50
	Subtest 4	18.74	18.74	18.68	20.50
HSUPA	Subtest 1	19.39	19.47	19.01	21.00
	Subtest 2	17.09	17.42	17.06	19.00
	Subtest 3	18.02	18.23	18.18	20.00
	Subtest 4	17.23	17.18	17.06	19.00
	Subtest 5	19.27	19.30	19.06	21.00
DC-HSDPA	Subtest 1	19.15	19.50	19.07	21.00
	Subtest 2	19.08	19.38	19.15	21.00
	Subtest 3	18.66	18.88	18.82	20.50
	Subtest 4	18.67	18.66	18.62	20.50

Table 9 : Conducted Power of WCDMA

4.3 Conducted Power of LTE

LTE Band 5 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.40	23.43	23.36	25.00
		1	2	23.46	23.46	23.36	25.00
		1	5	23.43	23.39	23.31	25.00
		3	0	23.41	23.44	23.36	25.00
		3	2	23.43	23.42	23.36	25.00
		3	3	23.41	23.41	23.35	25.00
		6	0	22.44	22.44	22.40	24.00
	16QAM	1	0	22.67	22.65	22.70	24.00
		1	2	22.73	22.62	22.61	24.00
		1	5	22.67	22.60	22.56	24.00
		3	0	22.46	22.47	22.41	24.00
		3	2	22.43	22.43	22.35	24.00
		3	3	22.41	22.43	22.34	24.00
		6	0	21.46	21.50	21.47	23.00
	64QAM	1	0	21.37	21.38	21.32	23.00
		1	2	21.39	21.38	21.34	23.00
		1	5	21.36	21.38	21.27	23.00
		3	0	21.35	21.39	21.34	23.00
		3	2	21.36	21.38	21.29	23.00
		3	3	21.38	21.38	21.30	23.00
		6	0	20.40	20.36	20.31	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.41	23.57	23.44	25.00
		1	7	23.49	23.39	23.33	25.00
		1	14	23.45	23.44	23.44	25.00
		8	0	22.53	22.40	22.38	24.00
		8	4	22.52	22.50	22.42	24.00
		8	7	22.39	22.39	22.46	24.00
		15	0	22.44	22.53	22.42	24.00
	16QAM	1	0	22.72	22.80	22.60	24.00
		1	7	22.57	22.77	22.59	24.00
		1	14	22.69	22.79	22.59	24.00
		8	0	21.56	21.44	21.41	23.00
		8	4	21.52	21.44	21.37	23.00
		8	7	21.35	21.50	21.44	23.00
		15	0	21.51	21.48	21.39	23.00
	64QAM	1	0	21.39	21.52	21.40	23.00
		1	7	21.41	21.32	21.26	23.00
		1	14	21.37	21.41	21.38	23.00
		8	0	20.49	20.38	20.33	22.00
		8	4	20.47	20.44	20.40	22.00
		8	7	20.35	20.31	20.44	22.00
		15	0	20.40	20.52	20.38	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.46	23.46	23.36	25.00

		1	13	23.56	23.42	23.36	25.00
		1	24	23.37	23.51	23.37	25.00
		12	0	22.52	22.48	22.33	24.00
		12	6	22.41	22.52	22.36	24.00
		12	13	22.34	22.55	22.34	24.00
		25	0	22.55	22.44	22.38	24.00
	16QAM	1	0	22.63	22.64	22.64	24.00
		1	13	22.60	22.71	22.71	24.00
		1	24	22.57	22.70	22.65	24.00
		12	0	21.48	21.48	21.43	23.00
		12	6	21.43	21.39	21.40	23.00
		12	13	21.47	21.45	21.31	23.00
	64QAM	25	0	21.38	21.41	21.31	23.00
		1	0	21.45	21.38	21.33	23.00
		1	13	21.51	21.38	21.29	23.00
		1	24	21.34	21.42	21.35	23.00
		12	0	20.48	20.40	20.32	22.00
		12	6	20.39	20.45	20.28	22.00
		12	13	20.25	20.48	20.29	22.00
		25	0	20.47	20.40	20.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.43	23.49	23.43	25.00
		1	25	23.46	23.50	23.35	25.00
		1	49	23.44	23.43	23.37	25.00
		25	0	22.48	22.49	22.42	24.00
		25	13	22.47	22.43	22.41	24.00
		25	25	22.43	22.48	22.40	24.00
	16QAM	50	0	22.54	22.48	22.45	24.00
		1	0	22.68	22.72	22.63	24.00
		1	25	22.65	22.73	22.68	24.00
		1	49	22.67	22.69	22.64	24.00
		25	0	21.52	21.46	21.38	23.00
		25	13	21.47	21.47	21.39	23.00
	64QAM	25	25	21.42	21.50	21.36	23.00
		50	0	21.47	21.51	21.38	23.00
		1	0	21.37	21.42	21.36	23.00
		1	25	21.45	21.43	21.29	23.00
		1	49	21.41	21.38	21.35	23.00
		25	0	20.48	20.45	20.38	22.00
		25	13	20.39	20.38	20.34	22.00
		25	25	20.36	20.47	20.34	22.00
		50	0	20.47	20.45	20.37	22.00



LTE Band 5 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.81	20.91	20.8	22.50
		1	2	20.94	20.99	20.88	22.50
		1	5	20.95	20.81	20.75	22.50
		3	0	20.98	20.94	20.82	22.50
		3	2	20.84	20.89	20.82	22.50
		3	3	20.81	20.95	20.77	22.50
		6	0	20.94	20.92	20.86	22.50
	16QAM	1	0	20.77	20.87	20.78	22.50
		1	2	20.82	20.85	20.78	22.50
		1	5	20.88	20.76	20.72	22.50
		3	0	20.97	20.84	20.79	22.50
		3	2	20.87	20.79	20.81	22.50
		3	3	20.81	20.93	20.8	22.50
		6	0	20.95	20.81	20.77	22.50
	64QAM	1	0	20.74	20.81	20.73	22.50
		1	2	20.75	20.83	20.76	22.50
		1	5	20.84	20.75	20.65	22.50
		3	0	20.95	20.75	20.78	22.50
		3	2	20.85	20.70	20.76	22.50
		3	3	20.74	20.88	20.76	22.50
		6	0	20.89	20.74	20.70	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.72	20.94	20.79	22.50
		1	7	20.89	20.96	20.82	22.50
		1	14	20.95	20.82	20.74	22.50
		8	0	20.90	20.90	20.87	22.50
		8	4	20.92	20.87	20.89	22.50
		8	7	20.82	20.97	20.79	22.50
		15	0	20.92	20.88	20.91	22.50
	16QAM	1	0	20.77	20.93	20.78	22.50
		1	7	20.85	20.85	20.76	22.50
		1	14	20.86	20.74	20.76	22.50
		8	0	20.93	20.86	20.80	22.50
		8	4	20.92	20.82	20.74	22.50
		8	7	20.78	20.89	20.72	22.50
		15	0	20.95	20.89	20.81	22.50
	64QAM	1	0	20.76	20.91	20.73	22.50
		1	7	20.76	20.78	20.75	22.50
		1	14	20.79	20.66	20.68	22.50
		8	0	20.91	20.84	20.74	22.50
		8	4	20.83	20.76	20.70	22.50
		8	7	20.71	20.86	20.65	22.50
		15	0	20.93	20.83	20.76	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.73	20.92	20.82	22.50
		1	13	20.93	20.99	20.83	22.50
		1	24	20.90	20.75	20.71	22.50
		12	0	20.96	20.87	20.83	22.50

		12	6	20.93	20.84	20.87	22.50
		12	13	20.84	21.01	20.82	22.50
		25	0	20.99	20.92	20.85	22.50
	16QAM	1	0	20.76	20.90	20.84	22.50
		1	13	20.85	20.89	20.72	22.50
		1	24	20.89	20.71	20.70	22.50
		12	0	20.95	20.86	20.77	22.50
		12	6	20.83	20.77	20.80	22.50
		12	13	20.83	20.93	20.72	22.50
		25	0	20.92	20.86	20.77	22.50
		1	0	20.68	20.82	20.79	22.50
	64QAM	1	13	20.76	20.80	20.69	22.50
		1	24	20.82	20.63	20.64	22.50
		12	0	20.91	20.83	20.72	22.50
		12	6	20.77	20.76	20.79	22.50
		12	13	20.75	20.90	20.68	22.50
		25	0	20.84	20.85	20.75	22.50
		1	0	20.82	20.85	20.75	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	20.82	21.00	20.89	22.50
		1	25	20.98	21.01	20.86	22.50
		1	49	20.96	20.84	20.8	22.50
		25	0	21.00	21.02	20.92	22.50
		25	13	20.94	20.93	20.91	22.50
		25	25	20.9	20.95	20.83	22.50
		50	0	21.01	20.94	20.94	22.50
	16QAM	1	0	20.79	20.95	20.85	22.50
		1	25	20.91	20.93	20.81	22.50
		1	49	20.9	20.8	20.77	22.50
		25	0	20.99	20.89	20.87	22.50
		25	13	20.93	20.83	20.83	22.50
		25	25	20.87	20.98	20.82	22.50
		50	0	20.96	20.91	20.85	22.50
	64QAM	1	0	20.72	20.92	20.80	22.50
		1	25	20.82	20.91	20.78	22.50
		1	49	20.82	20.74	20.73	22.50
		25	0	20.97	20.84	20.84	22.50
		25	13	20.88	20.81	20.75	22.50
		25	25	20.83	20.96	20.79	22.50
		50	0	20.91	20.82	20.79	22.50



LTE Band 26 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.23	23.54	23.15	25.00
		1	2	23.48	23.62	23.33	25.00
		1	5	23.36	23.37	23.48	25.00
		3	0	23.50	23.46	23.39	25.00
		3	1	23.50	23.41	23.31	25.00
		3	3	23.55	23.40	23.37	25.00
		6	0	22.46	22.45	22.36	24.00
	16QAM	1	0	22.41	22.54	22.46	24.00
		1	2	22.98	22.91	22.38	24.00
		1	5	22.48	22.78	22.46	24.00
		3	0	22.46	22.36	22.24	24.00
		3	1	22.55	22.41	22.20	24.00
		3	3	22.33	22.39	22.22	24.00
		6	0	21.46	21.50	21.56	23.00
	64QAM	1	0	21.19	21.47	21.13	23.00
		1	2	21.44	21.57	21.25	23.00
		1	5	21.34	21.28	21.46	23.00
		3	0	21.49	21.39	21.33	23.00
		3	1	21.43	21.35	21.22	23.00
		3	3	21.53	21.38	21.35	23.00
		6	0	20.39	20.37	20.29	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	26705	26865	27025	25.00
		1	7	23.29	23.21	23.21	25.00
		1	14	23.47	23.25	23.33	25.00
		1	14	23.63	23.63	23.29	25.00
		8	0	22.40	22.37	22.29	24.00
		8	4	22.52	22.50	22.10	24.00
		8	7	22.34	22.44	22.14	24.00
		15	0	22.54	22.47	22.22	24.00
	16QAM	1	0	22.53	22.48	22.63	24.00
		1	7	22.94	22.55	22.50	24.00
		1	14	22.62	22.55	22.83	24.00
		8	0	21.38	21.32	21.18	23.00
		8	4	21.49	21.48	21.30	23.00
		8	7	21.44	21.53	21.21	23.00
		15	0	21.27	21.50	21.22	23.00
	64QAM	1	0	21.20	21.15	21.17	23.00
		1	7	21.45	21.16	21.28	23.00
		1	14	21.55	21.55	21.28	23.00
		8	0	20.36	20.28	20.24	22.00
		8	4	20.47	20.47	20.02	22.00
		8	7	20.28	20.35	20.06	22.00
		15	0	20.46	20.46	20.14	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	26715	26865	27015	25.00
		1	13	23.17	23.29	23.29	25.00
		1	24	23.51	23.13	23.32	25.00
		12	0	23.85	23.63	23.34	25.00
				22.26	22.30	22.05	24.00

		12	6	22.27	22.57	22.23	24.00
		12	13	22.46	22.33	22.20	24.00
		25	0	22.36	22.50	22.09	24.00
	16QAM	1	0	22.58	22.63	22.74	24.00
		1	13	22.96	22.54	22.53	24.00
		1	24	22.53	22.58	22.92	24.00
		12	0	21.38	21.34	21.15	23.00
		12	6	21.23	21.41	21.15	23.00
		12	13	21.41	21.50	21.13	23.00
		25	0	21.32	21.58	21.28	23.00
	64QAM	1	0	21.15	21.26	21.27	23.00
		1	13	21.44	21.06	21.30	23.00
		1	24	21.79	21.57	21.33	23.00
		12	0	20.22	20.25	20.19	22.00
		12	6	20.26	20.49	20.20	22.00
		12	13	20.45	20.24	20.16	22.00
		25	0	20.28	20.45	20.06	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.10	23.26	23.44	25.00
		1	25	23.46	23.21	23.28	25.00
		1	49	23.85	23.52	23.27	25.00
		25	0	22.35	22.34	22.05	24.00
		25	13	22.51	22.37	22.13	24.00
		25	25	22.49	22.37	22.12	24.00
		50	0	22.50	22.44	22.13	24.00
	16QAM	1	0	22.51	22.56	22.74	24.00
		1	25	23.01	22.60	22.41	24.00
		1	49	22.51	22.60	22.71	24.00
		25	0	21.58	21.49	21.21	23.00
		25	13	21.26	21.37	21.18	23.00
		25	25	21.47	21.55	21.17	23.00
		50	0	21.30	21.41	21.18	23.00
	64QAM	1	0	21.04	21.23	21.41	23.00
		1	25	21.38	21.13	21.27	23.00
		1	49	21.83	21.47	21.19	23.00
		25	0	20.27	20.30	20.07	22.00
		25	13	20.46	20.34	20.10	22.00
		25	25	20.48	20.34	20.11	22.00
		50	0	20.47	20.40	20.12	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.19	23.28	23.32	25.00
		1	38	23.55	23.74	23.21	25.00
		1	74	23.73	23.58	23.38	25.00
		36	0	22.37	22.46	22.18	24.00
		36	18	22.39	22.39	22.23	24.00
		36	39	22.40	22.43	22.19	24.00
		75	0	22.45	22.51	22.22	24.00
	16QAM	1	0	22.53	22.61	22.68	24.00
		1	38	22.98	22.51	22.54	24.00
		1	74	22.50	22.67	22.84	24.00
		36	0	21.45	21.45	21.21	23.00
		36	18	21.36	21.40	21.28	23.00



		36	39	21.42	21.48	21.22	23.00
		75	0	21.36	21.50	21.22	23.00
	64QAM	1	0	21.13	21.22	21.26	23.00
		1	38	21.50	21.71	21.15	23.00
		1	74	21.65	21.54	21.31	23.00
		36	0	20.31	20.40	20.16	22.00
		36	18	20.37	20.38	20.17	22.00
		36	39	20.31	20.37	20.18	22.00
		75	0	20.39	20.45	20.20	22.00

LTE Band 26 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 26697	Channel 26865	Channel 27033	Tune up
1.4MHz	QPSK	1	0	21.31	21.32	21.24	23.00
		1	2	21.35	21.33	21.22	23.00
		1	5	21.31	21.31	21.26	23.00
		3	0	21.34	21.36	21.24	23.00
		3	1	21.34	21.33	21.27	23.00
		3	3	21.35	21.32	21.3	23.00
		6	0	21.35	21.36	21.27	23.00
	16QAM	1	0	21.56	21.55	21.55	23.00
		1	2	21.55	21.55	21.48	23.00
		1	5	21.58	21.65	21.46	23.00
		3	0	21.33	21.32	21.27	23.00
		3	1	21.37	21.34	21.25	23.00
		3	3	21.35	21.33	21.23	23.00
		6	0	21.44	21.42	21.39	23.00
	64QAM	1	0	21.15	21.45	21.07	23.00
		1	2	21.40	21.48	21.16	23.00
		1	5	21.28	21.27	21.38	23.00
		3	0	21.48	21.30	21.32	23.00
		3	1	21.37	21.32	21.20	23.00
		3	3	21.44	21.31	21.33	23.00
		6	0	20.32	20.35	20.21	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	21.32	21.31	21.26	23.00
		1	7	21.35	21.32	21.23	23.00
		1	14	21.34	21.28	21.25	23.00
		8	0	21.37	21.33	21.27	23.00
		8	4	21.31	21.28	21.28	23.00
		8	7	21.36	21.34	21.28	23.00
		15	0	21.36	21.35	21.24	23.00
	16QAM	1	0	21.63	21.65	21.52	23.00
		1	7	21.61	21.57	21.5	23.00
		1	14	21.57	21.57	21.55	23.00
		8	0	21.43	21.43	21.34	23.00
		8	4	21.42	21.36	21.32	23.00
		8	7	21.43	21.39	21.37	23.00
		15	0	21.39	21.41	21.32	23.00
	64QAM	1	0	21.19	21.14	21.14	23.00
		1	7	21.37	21.08	21.23	23.00
		1	14	21.51	21.49	21.21	23.00

		8	0	20.31	20.20	20.21	22.00
		8	4	20.38	20.43	20.04	22.00
		8	7	20.22	20.28	20.00	22.00
		15	0	20.39	20.43	20.09	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	21.34	21.35	21.28	23.00
		1	13	21.36	21.33	21.26	23.00
		1	24	21.36	21.34	21.29	23.00
		12	0	21.4	21.43	21.38	23.00
		12	6	21.36	21.39	21.33	23.00
		12	13	21.36	21.3	21.26	23.00
		25	0	21.38	21.39	21.33	23.00
	16QAM	1	0	21.59	21.63	21.5	23.00
		1	13	21.62	21.6	21.52	23.00
		1	24	21.6	21.58	21.6	23.00
		12	0	21.42	21.42	21.35	23.00
		12	6	21.38	21.37	21.29	23.00
		12	13	21.32	21.33	21.25	23.00
		25	0	21.41	21.38	21.33	23.00
	64QAM	1	0	21.13	21.17	21.24	23.00
		1	13	21.35	21.02	21.24	23.00
		1	24	21.76	21.52	21.25	23.00
		12	0	20.13	20.20	20.12	22.00
		12	6	20.17	20.44	20.13	22.00
		12	13	20.44	20.15	20.15	22.00
		25	0	20.27	20.44	20.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	21.35	21.29	21.08	23.00
		1	25	21.32	21.36	21.15	23.00
		1	49	21.34	21.3	21.12	23.00
		25	0	21.34	21.41	21.17	23.00
		25	13	21.36	21.39	21.19	23.00
		25	25	21.42	21.33	21.08	23.00
		50	0	21.4	21.39	21.19	23.00
	16QAM	1	0	21.62	21.49	21.38	23.00
		1	25	21.67	21.61	21.49	23.00
		1	49	21.63	21.56	21.44	23.00
		25	0	21.33	21.43	21.2	23.00
		25	13	21.39	21.41	21.22	23.00
		25	25	21.45	21.39	21.09	23.00
		50	0	21.37	21.4	21.19	23.00
	64QAM	1	0	21.09	21.20	21.36	23.00
		1	25	21.32	21.11	21.19	23.00
		1	49	21.80	21.46	21.11	23.00
		25	0	20.26	20.28	20.02	22.00
		25	13	20.41	20.28	20.01	22.00
		25	25	20.45	20.30	20.02	22.00
		50	0	20.38	20.33	20.11	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	21.32	21.26	21.12	23.00
		1	38	21.37	21.42	21.13	23.00

		1	74	21.39	21.3	21.13	23.00
		36	0	21.3	21.4	21.12	23.00
		36	18	21.28	21.37	21.17	23.00
		36	39	21.3	21.35	21.08	23.00
		75	0	21.36	21.4	21.12	23.00
	16QAM	1	0	21.55	21.62	21.46	23.00
		1	38	21.66	21.62	21.51	23.00
		1	74	21.61	21.59	21.48	23.00
		36	0	21.28	21.39	21.12	23.00
		36	18	21.36	21.36	21.17	23.00
		36	39	21.34	21.37	21.1	23.00
		75	0	21.32	21.39	21.15	23.00
	64QAM	1	0	21.11	21.15	21.23	23.00
		1	38	21.44	21.66	21.12	23.00
		1	74	21.59	21.48	21.29	23.00
		36	0	20.27	20.36	20.12	22.00
		36	18	20.30	20.32	20.13	22.00
		36	39	20.25	20.31	20.14	22.00
		75	0	20.30	20.38	20.14	22.00

LTE Band 38 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.10	22.99	23.14	24.00
		1	13	23.17	23.00	23.16	24.00
		1	24	23.06	23.15	23.15	24.00
		12	0	22.04	22.01	21.99	23.00
		12	6	22.00	22.04	22.10	23.00
		12	13	22.12	22.05	22.06	23.00
		25	0	22.16	21.96	22.01	23.00
	16QAM	1	0	21.97	21.99	22.02	23.00
		1	13	21.99	22.12	22.01	23.00
		1	24	22.16	21.93	22.05	23.00
		12	0	21.07	21.02	21.19	22.00
		12	6	21.11	21.16	21.10	22.00
		12	13	20.98	20.99	21.07	22.00
		25	0	21.15	21.11	21.14	22.00
	64QAM	1	0	21.08	20.95	21.05	22.00
		1	13	21.14	20.94	21.08	22.00
		1	24	21.01	21.06	21.11	22.00
		12	0	20.01	19.98	19.90	21.00
		12	6	19.91	20.01	20.04	21.00
		12	13	20.04	20.03	19.99	21.00
		25	0	20.15	19.93	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.02	23.08	23.04	24.00
		1	25	23.10	23.09	23.08	24.00
		1	49	23.12	23.06	23.08	24.00
		25	0	22.04	22.03	22.08	23.00
		25	13	22.06	22.03	22.05	23.00
		25	25	22.06	22.02	22.05	23.00

	16QAM	50	0	22.09	22.03	22.04	23.00
		1	0	22.03	22.07	21.97	23.00
		1	25	22.09	22.04	22.03	23.00
		1	49	22.07	21.99	22.01	23.00
		25	0	21.05	21.06	21.10	22.00
		25	13	21.08	21.07	21.10	22.00
		25	25	21.08	21.02	21.07	22.00
		50	0	21.08	21.03	21.08	22.00
	64QAM	1	0	20.95	21.04	20.97	22.00
		1	25	21.07	21.00	21.00	22.00
		1	49	21.05	20.99	21.04	22.00
		25	0	19.98	19.97	20.07	21.00
		25	13	19.98	19.98	19.98	21.00
		25	25	20.05	19.96	20.00	21.00
		50	0	20.03	19.95	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	22.96	23.12	23.09	24.00
		1	38	23.20	23.10	23.08	24.00
		1	74	23.19	23.04	23.05	24.00
		36	0	22.14	21.95	22.05	23.00
		36	18	22.03	21.95	22.06	23.00
		36	39	22.06	22.02	21.99	23.00
		75	0	22.00	22.05	21.94	23.00
	16QAM	1	0	21.94	22.00	22.07	23.00
		1	38	21.99	22.12	22.09	23.00
		1	74	22.15	21.91	21.92	23.00
		36	0	21.10	21.04	21.16	22.00
		36	18	21.13	20.98	21.11	22.00
		36	39	21.18	20.95	21.15	22.00
		75	0	21.04	21.11	20.99	22.00
	64QAM	1	0	20.88	21.05	21.01	22.00
		1	38	21.19	21.06	21.03	22.00
		1	74	21.17	20.95	21.03	22.00
		36	0	20.11	19.92	20.02	21.00
		36	18	20.01	19.91	20.03	21.00
		36	39	20.03	19.97	19.92	21.00
		75	0	19.94	20.04	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	23.00	23.09	22.97	24.00
		1	50	23.02	23.10	23.15	24.00
		1	99	23.13	23.09	23.17	24.00
		50	0	22.13	21.95	22.16	23.00
		50	25	22.15	21.97	22.13	23.00
		50	50	22.04	22.01	22.13	23.00
		100	0	22.01	22.03	22.13	23.00
	16QAM	1	0	22.11	22.03	22.00	23.00
		1	50	22.18	21.97	22.07	23.00
		1	99	21.97	21.90	22.05	23.00
		50	0	21.10	21.10	21.11	22.00
		50	25	21.00	21.16	21.06	22.00
		50	50	21.10	21.06	21.01	22.00
		100	0	21.04	21.08	21.11	22.00



		1	0	20.97	21.03	20.89	22.00
		1	50	20.93	21.04	21.13	22.00
		1	99	21.10	21.08	21.14	22.00
	64QAM	50	0	20.10	19.88	20.14	21.00
		50	25	20.13	19.92	20.05	21.00
		50	50	19.95	19.93	20.04	21.00
		100	0	20.00	19.97	20.09	21.00

LTE Band 38 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	18.93	18.85	18.85	20.00
		1	13	18.95	19.00	18.87	20.00
		1	24	18.91	19.00	18.91	20.00
		12	0	19.00	19.07	19.03	20.00
		12	6	19.08	19.08	19.06	20.00
		12	13	19.19	19.01	19.04	20.00
		25	0	18.96	19.00	19.10	20.00
	16QAM	1	0	19.00	19.03	18.98	20.00
		1	13	19.11	19.06	19.12	20.00
		1	24	19.03	18.93	18.96	20.00
		12	0	19.04	19.13	18.99	20.00
		12	6	19.16	18.95	19.17	20.00
		12	13	19.14	19.02	19.02	20.00
		25	0	18.99	19.04	19.01	20.00
	64QAM	1	0	18.95	18.95	18.92	20.00
		1	13	19.05	18.98	19.03	20.00
		1	24	19.02	18.86	18.94	20.00
		12	0	18.99	19.06	18.98	20.00
		12	6	19.09	18.93	19.15	20.00
		12	13	19.13	18.97	18.94	20.00
		25	0	18.96	18.98	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.85	19.02	18.81	20.00
		1	25	19.04	18.94	18.99	20.00
		1	49	19.04	19.00	18.93	20.00
		25	0	19.06	18.91	18.93	20.00
		25	13	19.12	18.92	19.01	20.00
		25	25	19.21	18.99	18.94	20.00
		50	0	19.11	18.88	19.00	20.00
	16QAM	1	0	18.92	18.95	18.92	20.00
		1	25	19.08	19.05	18.95	20.00
		1	49	19.05	18.90	19.05	20.00
		25	0	19.05	19.14	19.15	20.00
		25	13	19.13	18.95	19.07	20.00
		25	25	19.01	19.05	19.07	20.00
		50	0	19.03	19.03	19.15	20.00
	64QAM	1	0	18.85	18.86	18.89	20.00
		1	25	19.05	18.98	18.87	20.00
		1	49	18.99	18.85	18.98	20.00
		25	0	18.97	19.07	19.14	20.00
		25	13	19.10	18.88	19.02	20.00



		25	25	18.99	19.00	18.99	20.00
		50	0	19.01	18.97	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.96	19.02	18.91	20.00
		1	38	19.04	19.07	19.01	20.00
		1	74	19.05	18.97	19.03	20.00
		36	0	19	19.01	19.03	20.00
		36	18	18.98	19.01	19.04	20.00
		36	39	19.08	19.02	19.15	20.00
		75	0	19.01	19	19.02	20.00
	16QAM	1	0	19.01	19.09	18.94	20.00
		1	38	19.1	19.06	19	20.00
		1	74	19.11	18.93	19.05	20.00
		36	0	19.03	18.98	18.98	20.00
		36	18	19.03	18.97	19.04	20.00
		36	39	19.01	18.97	19.02	20.00
		75	0	19.05	19.01	19.09	20.00
	64QAM	1	0	18.96	19.04	18.87	20.00
		1	38	19.03	19.04	18.96	20.00
		1	74	19.03	18.87	19.01	20.00
		36	0	19.00	18.92	18.90	20.00
		36	18	18.97	18.93	18.97	20.00
		36	39	18.94	18.88	18.96	20.00
		75	0	18.99	18.94	19.00	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.9	18.94	18.86	20.00
		1	50	19	19.02	18.97	20.00
		1	99	19.01	19.02	19.02	20.00
		50	0	19.11	19.1	19.12	20.00
		50	25	19.09	19.02	19.07	20.00
		50	50	19.1	19	18.97	20.00
		100	0	19.06	18.96	19.08	20.00
	16QAM	1	0	18.97	19.02	18.99	20.00
		1	50	19.1	19.04	19.03	20.00
		1	99	19.04	18.89	18.98	20.00
		50	0	19.01	19.04	19.08	20.00
		50	25	19.09	19.05	19.1	20.00
		50	50	19.1	19.07	19.05	20.00
		100	0	19.09	19.02	19.05	20.00
	64QAM	1	0	18.89	19.00	18.92	20.00
		1	50	19.07	18.98	19.01	20.00
		1	99	19.01	18.85	18.92	20.00
		50	0	18.96	19.03	19.04	20.00
		50	25	19.06	19.01	19.05	20.00
		50	50	19.04	19.03	18.99	20.00
		100	0	19.00	18.97	19.03	20.00

LTE Band 41 Receiver off&Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	23.26	23.25	23.03	23.25	22.97	24.50
		1	13	23.34	23.15	23.34	23.28	23.27	24.50
		1	24	23.04	23.19	23.05	23.16	23.03	24.50
		12	0	22.05	22.25	22.27	22.29	22.14	23.50
		12	6	22.16	22.30	22.29	22.35	22.13	23.50
		12	13	22.37	22.24	22.23	22.09	22.13	23.50
		25	0	22.04	22.06	22.10	22.27	22.16	23.50
	16QAM	1	0	22.19	22.07	22.29	22.23	22.13	23.50
		1	13	22.13	22.29	22.34	22.12	22.26	23.50
		1	24	22.05	22.14	22.02	21.98	22.18	23.50
		12	0	21.01	21.30	21.27	21.28	21.22	22.50
		12	6	21.13	21.20	21.29	21.22	21.19	22.50
		12	13	21.22	21.34	21.35	21.11	21.04	22.50
		25	0	21.25	21.30	21.27	21.25	21.21	22.50
	64QAM	1	0	21.22	21.19	20.96	21.18	20.89	22.50
		1	13	21.30	21.06	21.30	21.22	21.20	22.50
		1	24	20.97	21.09	20.95	21.09	20.98	22.50
		12	0	19.96	20.18	20.24	20.26	20.08	21.50
		12	6	20.13	20.26	20.21	20.26	20.05	21.50
		12	13	20.35	20.18	20.17	20.01	20.04	21.50
		25	0	20.02	20.04	20.01	20.18	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.02	23.22	23.02	23.08	23.10	24.50
		1	25	23.21	23.22	23.20	23.29	23.12	24.50
		1	49	23.20	23.10	23.05	23.07	22.97	24.50
		25	0	22.06	22.24	22.11	22.29	22.22	23.50
		25	13	22.11	22.09	22.31	22.19	22.15	23.50
		25	25	22.13	22.12	22.26	22.23	22.00	23.50
		50	0	22.23	22.08	22.13	22.24	22.11	23.50
	16QAM	1	0	22.05	22.16	22.15	22.06	22.06	23.50
		1	25	22.26	22.33	22.19	22.22	22.06	23.50
		1	49	22.01	22.08	22.14	22.02	21.96	23.50
		25	0	21.19	21.35	21.10	21.27	21.18	22.50
		25	13	21.17	21.26	21.21	21.37	21.12	22.50
		25	25	21.35	21.30	21.31	21.30	21.20	22.50
		50	0	21.27	21.15	21.38	21.17	21.34	22.50
	64QAM	1	0	20.93	21.16	20.92	20.98	21.04	22.50
		1	25	21.17	21.16	21.17	21.23	21.08	22.50
		1	49	21.12	21.06	20.99	21.05	20.89	22.50
		25	0	20.01	20.22	20.05	20.26	20.12	21.50
		25	13	20.08	20.05	20.23	20.10	20.10	21.50
		25	25	20.07	20.08	20.23	20.21	19.96	21.50
		50	0	20.18	20.01	20.10	20.22	20.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	23.08	23.24	23.13	23.09	23.10	24.50
		1	38	23.31	23.30	23.11	23.06	23.25	24.50
		1	74	23.10	23.20	23.22	23.18	23.02	24.50
		36	0	22.05	22.30	22.09	22.27	22.14	23.50

		36	18	22.11	22.26	22.17	22.32	22.00	23.50
		36	39	22.36	22.13	22.28	22.24	22.19	23.50
		75	0	22.07	22.15	22.12	22.13	22.04	23.50
	16QAM	1	0	22.15	22.14	22.26	22.18	22.12	23.50
		1	38	22.17	22.27	22.22	22.17	22.11	23.50
		1	74	22.17	22.21	22.21	22.19	22.11	23.50
		36	0	21.05	21.35	21.20	21.18	21.24	22.50
		36	18	21.04	21.12	21.41	21.29	21.16	22.50
		36	39	21.24	21.16	21.28	21.28	21.15	22.50
		75	0	21.22	21.36	21.26	21.29	21.44	22.50
	64QAM	1	0	21.03	21.22	21.09	21.04	21.05	22.50
		1	38	21.21	21.22	21.02	21.04	21.18	22.50
		1	74	21.07	21.14	21.17	21.08	20.98	22.50
		36	0	20.03	20.28	20.01	20.20	20.04	21.50
		36	18	20.02	20.23	20.09	20.23	19.97	21.50
		36	39	20.28	20.09	20.20	20.19	20.15	21.50
		75	0	20.02	20.07	20.03	20.10	20.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.14	23.14	23.13	23.18	23.09	24.50
		1	50	23.22	23.21	23.22	23.17	23.19	24.50
		1	99	23.11	23.15	23.24	23.16	23.05	24.50
		50	0	22.06	22.22	22.27	22.27	22.23	23.50
		50	25	22.18	22.20	22.27	22.23	22.12	23.50
		50	50	22.25	22.24	22.24	22.19	22.07	23.50
		100	0	22.15	22.18	22.18	22.21	22.12	23.50
	16QAM	1	0	22.11	22.10	22.18	22.11	22.11	23.50
		1	50	22.20	22.21	22.24	22.14	22.15	23.50
		1	99	22.08	22.14	22.10	22.08	22.07	23.50
		50	0	21.07	21.27	21.18	21.25	21.23	22.50
		50	25	21.13	21.21	21.29	21.27	21.15	22.50
		50	50	21.26	21.25	21.24	21.21	21.10	22.50
		100	0	21.15	21.24	21.26	21.22	21.33	22.50
	64QAM	1	0	21.11	21.12	21.10	21.16	21.06	22.50
		1	50	21.17	21.11	21.15	21.07	21.16	22.50
		1	99	21.01	21.10	21.20	21.06	20.99	22.50
		50	0	20.00	20.18	20.23	20.22	20.17	21.50
		50	25	20.12	20.15	20.17	20.15	20.03	21.50
		50	50	20.19	20.21	20.17	20.15	20.04	21.50
		100	0	20.13	20.12	20.15	20.11	20.09	21.50

LTE Band 41 Receiver on&Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.39	18.54	18.47	18.62	18.55	20.00
		1	13	18.48	18.58	18.73	18.52	18.49	20.00
		1	24	18.55	18.46	18.48	18.56	18.43	20.00
		12	0	18.59	18.63	18.53	18.71	18.72	20.00
		12	6	18.60	18.55	18.76	18.69	18.49	20.00
		12	13	18.80	18.66	18.64	18.56	18.44	20.00
		25	0	18.52	18.56	18.57	18.60	18.44	20.00
	16QAM	1	0	18.61	18.60	18.57	18.53	18.52	20.00
		1	13	18.62	18.54	18.58	18.56	18.51	20.00
		1	24	18.47	18.49	18.50	18.53	18.53	20.00
		12	0	18.53	18.77	18.68	18.67	18.67	20.00
		12	6	18.63	18.55	18.71	18.59	18.56	20.00
		12	13	18.59	18.58	18.72	18.59	18.54	20.00
		25	0	18.57	18.54	18.58	18.51	18.63	20.00
	64QAM	1	0	18.58	18.57	18.52	18.46	18.44	20.00
		1	13	18.54	18.48	18.56	18.48	18.46	20.00
		1	24	18.39	18.43	18.47	18.43	18.50	20.00
		12	0	18.46	18.69	18.65	18.57	18.58	20.00
		12	6	18.58	18.50	18.63	18.57	18.53	20.00
		12	13	18.55	18.56	18.67	18.51	18.52	20.00
		25	0	18.47	18.47	18.53	18.44	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	18.59	18.60	18.43	18.44	18.54	20.00
		1	25	18.48	18.61	18.73	18.53	18.56	20.00
		1	49	18.58	18.50	18.41	18.44	18.45	20.00
		25	0	18.53	18.59	18.48	18.60	18.67	20.00
		25	13	18.63	18.68	18.75	18.74	18.61	20.00
		25	25	18.60	18.71	18.65	18.61	18.44	20.00
		50	0	18.64	18.52	18.57	18.66	18.62	20.00
	16QAM	1	0	18.64	18.46	18.52	18.62	18.43	20.00
		1	25	18.70	18.60	18.59	18.53	18.57	20.00
		1	49	18.47	18.60	18.46	18.61	18.55	20.00
		25	0	18.54	18.76	18.59	18.58	18.66	20.00
		25	13	18.61	18.52	18.76	18.66	18.52	20.00
		25	25	18.76	18.61	18.75	18.65	18.44	20.00
		50	0	18.62	18.65	18.57	18.52	18.51	20.00
	64QAM	1	0	18.58	18.40	18.43	18.55	18.38	20.00
		1	25	18.60	18.58	18.52	18.45	18.52	20.00
		1	49	18.38	18.54	18.39	18.52	18.45	20.00
		25	0	18.49	18.68	18.49	18.52	18.63	20.00
		25	13	18.58	18.50	18.74	18.56	18.43	20.00
		25	25	18.70	18.57	18.67	18.59	18.37	20.00
		50	0	18.54	18.56	18.47	18.45	18.46	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	18.40	18.47	18.60	18.43	18.56	20.00
		1	38	18.53	18.66	18.60	18.55	18.62	20.00
		1	74	18.42	18.59	18.42	18.51	18.39	20.00
		36	0	18.48	18.76	18.66	18.62	18.56	20.00

		36	18	18.57	18.58	18.77	18.71	18.47	20.00
		36	39	18.77	18.60	18.67	18.56	18.38	20.00
		75	0	18.53	18.49	18.70	18.67	18.43	20.00
	16QAM	1	0	18.62	18.48	18.51	18.62	18.58	20.00
		1	38	18.51	18.62	18.67	18.64	18.56	20.00
		1	74	18.61	18.58	18.59	18.44	18.36	20.00
		36	0	18.43	18.72	18.60	18.60	18.51	20.00
		36	18	18.68	18.57	18.60	18.67	18.54	20.00
		36	39	18.64	18.62	18.69	18.61	18.58	20.00
		75	0	18.52	18.68	18.51	18.56	18.63	20.00
	64QAM	1	0	18.60	18.43	18.47	18.52	18.52	20.00
		1	38	18.42	18.56	18.65	18.61	18.49	20.00
		1	74	18.57	18.50	18.57	18.35	18.30	20.00
		36	0	18.34	18.68	18.54	18.58	18.41	20.00
		36	18	18.63	18.47	18.52	18.64	18.48	20.00
		36	39	18.60	18.54	18.67	18.51	18.55	20.00
		75	0	18.49	18.62	18.47	18.53	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	18.49	18.52	18.53	18.52	18.49	20.00
		1	50	18.49	18.54	18.5	18.5	18.46	20.00
		1	99	18.58	18.6	18.63	18.59	18.52	20.00
		50	0	18.59	18.67	18.7	18.66	18.62	20.00
		50	25	18.5	18.61	18.67	18.66	18.57	20.00
		50	50	18.57	18.61	18.67	18.6	18.46	20.00
		100	0	18.59	18.59	18.6	18.6	18.62	20.00
	16QAM	1	0	18.56	18.51	18.56	18.54	18.53	20.00
		1	50	18.6	18.61	18.63	18.61	18.54	20.00
		1	99	18.51	18.55	18.5	18.54	18.45	20.00
		50	0	18.47	18.68	18.63	18.67	18.6	20.00
		50	25	18.58	18.61	18.66	18.65	18.59	20.00
		50	50	18.67	18.63	18.68	18.59	18.51	20.00
		100	0	18.57	18.63	18.61	18.6	18.55	20.00
	64QAM	1	0	18.49	18.41	18.48	18.50	18.44	20.00
		1	50	18.57	18.51	18.53	18.53	18.50	20.00
		1	99	18.46	18.51	18.47	18.48	18.39	20.00
		50	0	18.44	18.61	18.53	18.58	18.51	20.00
		50	25	18.52	18.52	18.58	18.59	18.54	20.00
		50	50	18.64	18.61	18.65	18.55	18.47	20.00
		100	0	18.54	18.55	18.51	18.54	18.48	20.00

Table 10 : Conducted Power of LTE

5 Conducted Power of NR Antenna(Ant0/1/2/3/4/5)

Ant0:

N41 Hotspot off&Sensor off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.05	23.27	23.13	23.03	23.16	25.00
		1	137	23.91	24.08	23.87	23.90	23.86	25.00
		1	271	23.35	23.04	23.11	23.30	23.27	25.00
		135	0	22.47	22.67	22.75	22.89	22.82	24.00
		135	69	24.07	23.96	24.29	24.01	24.24	25.00
		135	138	23.04	23.05	22.68	22.84	22.91	24.00
		270	0	22.60	22.88	22.86	22.95	22.86	24.00
	DFT-s-OFDM QPSK	1	1	23.11	23.15	23.12	23.01	23.14	25.00
		1	137	24.10	24.30	24.15	24.18	24.19	25.00
		1	271	23.22	23.17	23.08	23.15	23.22	25.00
		135	0	22.55	22.72	22.75	22.92	22.95	24.00
		135	69	24.02	24.14	24.29	24.15	24.17	25.00
		135	138	22.89	22.90	22.81	22.89	22.83	24.00
		270	0	22.71	22.88	22.88	22.90	22.93	24.00
	DFT-s-OFDM 16QAM	1	1	21.45	21.58	21.68	21.82	21.93	23.00
	DFT-s-OFDM 64QAM	1	1	19.98	20.21	20.25	20.31	20.45	21.50
	DFT-s-OFDM 256QAM	1	1	18.55	18.68	18.77	18.92	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
100MHz	CP-OFDM QPSK	1	1	21.40	21.46	21.45	21.45	21.45	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.09	23.15	23.03	23.18	23.07	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.10	23.17	23.12	23.24	23.27	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.25	23.29	23.00	23.21	23.17	25.00



N41 Hotspot on&Sensor on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.11	20.14	20.05	20.09	20.05	22.00
		1	137	20.88	21.01	20.82	20.81	20.77	22.00
		1	271	20.26	20.03	20.00	20.22	20.21	22.00
		135	0	20.38	20.54	20.67	20.80	20.74	22.00
		135	69	21.02	20.91	21.19	20.89	21.16	22.00
		135	138	20.99	20.95	20.59	20.72	20.85	22.00
		270	0	20.56	20.79	20.78	20.86	20.78	22.00
	DFT-s-OFDM QPSK	1	1	20.03	20.08	20.00	20.04	20.05	22.00
		1	137	21.05	21.24	21.04	21.08	21.09	22.00
		1	271	20.13	20.08	20.00	20.11	20.16	22.00
		135	0	20.49	20.64	20.67	20.80	20.83	22.00
		135	69	20.97	21.05	21.23	21.12	21.10	22.00
		135	138	20.86	20.82	20.72	20.78	20.75	22.00
		270	0	20.66	20.77	20.84	20.78	20.87	22.00
	DFT-s-OFDM 16QAM	1	1	19.37	19.50	19.57	19.74	19.87	21.00
	DFT-s-OFDM 64QAM	1	1	18.81	19.03	19.11	19.15	19.32	20.50
	DFT-s-OFDM 256QAM	1	1	17.37	17.54	17.62	17.77	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	22.00
60MHz	DFT-s-OFDM QPSK	1	1	20.16	20.22	19.92	20.12	20.06	22.00


Ant1:

N77 Hotspot off&Sensor off					Conducted Power(dBm)					
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.33	24.11	23.91	23.94	23.67	23.59	25.50
		1	137	24.80	24.94	24.72	24.75	24.51	24.39	25.50
		1	271	24.53	23.85	23.78	23.69	23.51	23.65	25.50
		135	0	23.85	24.02	23.64	23.80	23.90	23.80	24.50
		135	69	25.11	25.04	24.55	24.74	24.52	24.47	25.50
		135	138	23.93	23.84	23.77	23.67	23.82	23.68	24.50
		270	0	23.93	23.98	23.70	23.67	23.63	23.66	24.50
	DFT-s-OFDM QPSK	1	1	24.35	24.25	23.88	24.01	23.72	23.54	25.50
		1	137	24.95	25.16	24.73	24.70	24.60	24.50	25.50
		1	271	24.40	23.72	23.67	23.55	23.55	23.52	25.50
		135	0	23.89	23.89	23.78	23.85	23.81	23.78	24.50
		135	69	25.12	25.13	24.70	24.70	24.56	24.50	25.50
		135	138	23.89	23.81	23.70	23.72	23.72	23.78	24.50
		270	0	23.91	23.85	23.82	23.80	23.72	23.75	24.50
	DFT-s-OFDM 16QAM	1	1	23.15	23.18	23.03	23.06	23.07	23.08	24.00
	DFT-s-OFDM 64QAM	1	1	21.77	21.75	21.64	21.68	21.65	21.62	23.00
	DFT-s-OFDM 256QAM	1	1	20.41	20.38	20.31	20.30	20.25	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.96	22.93	22.86	22.84	22.83	22.81	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.43	24.40	23.97	23.94	23.72	23.62	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.29	24.37	23.80	23.92	23.82	23.66	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.25	24.20	23.96	24.03	23.60	23.56	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.49	24.20	24.02	24.14	23.84	23.54	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.34	24.27	23.74	24.07	23.57	23.56	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.30	24.27	23.96	23.96	23.81	23.53	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.44	24.37	24.01	24.05	23.87	23.58	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up



10MHz	DFT-s-OFDM QPSK	1	1	24.31	24.30	23.74	24.10	23.79	23.68	25.50
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N77 Hotspot on&Sensor on					Conducted Power(dBm)					
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.38	17.57	17.41	17.33	17.44	17.30	18.50
		1	137	17.86	17.80	17.94	17.90	18.00	17.88	18.50
		1	271	17.66	17.54	17.41	17.43	17.38	17.60	18.50
		135	0	17.83	17.84	18.03	17.99	17.91	17.96	18.50
		135	69	18.17	18.10	18.06	17.91	18.08	17.89	18.50
		135	138	17.85	17.77	17.99	17.78	17.63	17.70	18.50
		270	0	17.87	17.91	17.94	17.84	17.84	17.84	18.50
	DFT-s-OFDM QPSK	1	1	17.48	17.52	17.48	17.45	17.47	17.40	18.50
		1	137	17.96	18.19	17.95	17.92	17.90	17.85	18.50
		1	271	17.54	17.45	17.52	17.50	17.44	17.50	18.50
		135	0	17.94	17.96	17.99	17.96	17.91	17.89	18.50
		135	69	18.08	18.10	18.04	18.04	18.02	17.95	18.50
		135	138	17.93	17.90	17.87	17.89	17.78	17.85	18.50
		270	0	17.95	17.92	17.95	17.95	17.91	17.84	18.50
	DFT-s-OFDM 16QAM	1	1	17.31	17.26	17.30	17.29	17.23	17.23	18.50
	DFT-s-OFDM 64QAM	1	1	17.33	17.35	17.36	17.30	17.32	17.36	18.50
	DFT-s-OFDM 256QAM	1	1	17.92	17.91	17.90	17.87	17.86	17.93	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.54	17.53	17.54	17.50	17.50	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.06	17.89	18.01	17.86	18.05	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.03	17.79	18.10	18.01	17.98	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.88	17.87	17.89	18.07	17.94	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.00	18.07	17.94	18.01	17.97	17.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.87	18.09	18.05	17.84	17.75	17.80	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.10	18.00	17.97	17.94	17.80	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.11	17.85	17.84	18.01	17.80	17.99	18.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.83	17.85	17.83	17.81	17.84	17.70	18.50

Ant2:

N41 Hotspot off&Sensor off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.58	23.59	23.51	23.55	25.00
		1	137	23.55	23.57	24.11	23.77	23.59	25.00
		1	271	23.58	23.55	23.53	23.50	23.60	25.00
		135	0	22.63	22.57	22.74	22.63	22.69	24.50
		135	69	23.59	23.55	24.03	23.60	23.52	25.00
		135	138	22.72	23.07	22.64	23.59	22.74	24.50
		270	0	22.55	22.90	22.88	23.59	22.51	24.50
	DFT-s-OFDM QPSK	1	1	23.55	23.59	23.55	23.56	23.52	25.00
		1	137	23.61	23.56	24.18	23.89	23.55	25.00
		1	271	23.55	23.58	23.60	23.53	23.60	25.00
		135	0	22.58	22.69	22.73	22.53	22.60	24.50
		135	69	23.62	23.50	24.06	23.66	23.61	25.00
		135	138	22.82	22.95	22.76	22.51	22.60	24.50
		270	0	22.65	22.75	22.79	22.50	22.55	24.50
	DFT-s-OFDM 16QAM	1	1	21.50	21.55	21.53	21.55	21.61	23.50
	DFT-s-OFDM 64QAM	1	1	20.09	20.01	20.05	20.10	20.08	22.00
	DFT-s-OFDM 256QAM	1	1	18.56	18.58	18.63	18.53	18.60	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.00



N41 Hotspot on&Sensor on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.53	20.61	20.60	20.69	20.63	22.00
		1	137	20.92	20.87	20.92	20.83	20.72	22.00
		1	271	20.63	20.57	20.52	20.63	20.71	22.00
		135	0	20.75	20.87	20.68	20.51	20.74	22.00
		135	69	21.09	20.90	21.05	20.76	21.05	22.00
		135	138	20.81	20.95	20.90	20.52	20.93	22.00
		270	0	20.92	20.82	20.94	20.76	20.69	22.00
	DFT-s-OFDM QPSK	1	1	20.53	20.59	20.53	20.63	20.51	22.00
		1	137	20.93	20.93	21.05	20.78	20.85	22.00
		1	271	20.63	20.65	20.55	20.55	20.64	22.00
		135	0	20.69	20.79	20.75	20.56	20.66	22.00
		135	69	21.04	21.02	21.05	20.80	20.92	22.00
		135	138	20.90	20.93	20.78	20.60	20.78	22.00
		270	0	20.84	20.87	20.86	20.66	20.78	22.00
	DFT-s-OFDM 16QAM	1	1	20.78	20.76	20.67	20.50	20.60	22.00
	DFT-s-OFDM 64QAM	1	1	20.82	20.78	20.75	20.52	20.65	22.00
	DFT-s-OFDM 256QAM	1	1	19.87	19.81	19.81	19.61	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
100MHz	CP-OFDM QPSK	1	1	20.06	20.11	20.05	20.13	20.15	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.62	20.67	20.60	20.64	20.50	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.53	20.62	20.50	20.50	20.63	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.62	20.55	20.63	20.75	20.57	22.00



N41 Bodyworn				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.59	21.65	21.64	21.71	21.66	23.00
		1	137	21.94	21.90	21.98	21.85	21.78	23.00
		1	271	21.65	21.61	21.57	21.66	21.73	23.00
		135	0	21.79	21.91	21.70	21.54	21.79	23.00
		135	69	22.05	21.95	22.10	21.79	22.09	23.00
		135	138	21.84	21.99	21.96	21.57	21.98	23.00
		270	0	21.97	21.84	21.99	21.81	21.73	23.00
	DFT-s-OFDM QPSK	1	1	21.58	21.65	21.55	21.68	21.57	23.00
		1	137	21.97	21.97	22.09	21.84	21.89	23.00
		1	271	21.67	21.71	21.59	21.58	21.70	23.00
		135	0	21.74	21.81	21.80	21.58	21.68	23.00
		135	69	22.10	22.06	22.10	21.84	21.94	23.00
		135	138	21.95	21.99	21.84	21.62	21.80	23.00
		270	0	21.89	21.91	21.92	21.69	21.81	23.00
	DFT-s-OFDM 16QAM	1	1	21.81	21.78	21.73	21.56	21.65	23.00
	DFT-s-OFDM 64QAM	1	1	21.86	21.83	21.79	21.56	21.70	23.00
	DFT-s-OFDM 256QAM	1	1	20.93	20.86	20.86	20.63	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
100MHz	CP-OFDM QPSK	1	1	21.10	21.15	21.08	21.16	21.18	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.66	21.70	21.63	21.70	21.56	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.56	21.64	21.54	21.55	21.65	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.67	21.60	21.67	21.79	21.61	23.00



N77 Hotspot off&Sensor off					Conducted Power(dBm)					
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.43	24.13	24.26	24.10	23.88	24.17	25.50
		1	137	24.79	24.64	24.92	24.73	24.60	24.40	25.50
		1	271	24.45	23.76	23.58	23.64	23.80	23.51	25.50
		135	0	23.82	23.78	23.84	23.72	23.82	23.99	24.50
		135	69	25.04	24.87	24.90	24.66	24.37	24.44	25.50
		135	138	23.75	23.73	23.81	23.76	23.58	23.74	24.50
		270	0	23.66	23.87	23.82	23.70	23.87	23.71	24.50
	DFT-s-OFDM QPSK	1	1	25.13	24.25	24.32	24.03	24.03	24.06	25.50
		1	137	24.87	24.75	24.82	24.65	24.50	24.35	25.50
		1	271	24.30	23.75	23.60	23.55	23.65	23.52	25.50
		135	0	23.78	23.77	23.80	23.83	23.85	23.85	24.50
		135	69	24.93	24.92	24.92	24.60	24.40	24.30	25.50
		135	138	23.75	23.68	23.74	23.67	23.66	23.72	24.50
		270	0	23.80	23.75	23.78	23.75	23.82	23.77	24.50
	DFT-s-OFDM 16QAM	1	1	23.08	23.06	23.12	23.06	23.15	23.12	24.00
	DFT-s-OFDM 64QAM	1	1	21.62	21.68	21.75	21.63	21.68	21.65	22.50
	DFT-s-OFDM 256QAM	1	1	20.35	20.33	20.36	20.28	20.35	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.83	22.85	22.89	22.86	22.88	22.86	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.38	24.36	24.38	24.10	24.09	24.04	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.45	24.40	24.25	23.96	23.92	23.92	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.45	24.15	24.33	24.08	23.96	23.96	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.23	24.36	24.29	24.02	24.04	23.94	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.39	24.36	24.33	24.06	24.06	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.40	24.39	24.21	24.18	24.05	24.15	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.34	24.11	24.17	24.11	24.12	23.99	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM	1	1	24.45	24.30	24.38	24.06	23.99	24.13	25.50

[illegible]



		size	offset	647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.28	17.42	17.28	17.46	17.46	17.62	18.50

Ant3:

N41 Hotspot off&Sensor off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.59	23.54	23.53	23.77	23.57	25.00
		1	137	24.17	23.88	23.63	23.57	23.59	25.00
		1	271	23.60	23.57	23.55	23.76	23.63	25.00
		135	0	22.67	22.66	22.57	22.55	22.55	24.00
		135	69	24.12	24.11	24.02	23.93	23.79	25.00
		135	138	23.04	22.84	22.63	22.64	22.90	24.00
		270	0	22.78	22.59	22.68	22.73	22.67	24.00
	DFT-s-OFDM QPSK	1	1	23.55	23.61	23.55	23.67	23.56	25.00
		1	137	24.18	24.12	24.10	24.00	23.95	25.00
		1	271	23.56	23.65	23.55	23.64	23.55	25.00
		135	0	22.60	22.57	22.54	22.55	22.55	24.00
		135	69	24.12	24.06	23.98	23.89	23.91	25.00
		135	138	23.00	22.72	22.51	22.54	22.78	24.00
		270	0	23.30	22.67	22.76	22.59	22.77	24.00
	DFT-s-OFDM 16QAM	1	1	22.09	22.02	22.00	22.10	22.16	24.00
	DFT-s-OFDM 64QAM	1	1	20.55	20.57	20.62	20.53	20.53	22.50
	DFT-s-OFDM 256QAM	1	1	19.09	19.15	19.01	19.07	19.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.00

N41 Bodyworn				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth h	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.62	21.57	21.57	21.83	21.61	23.00
		1	137	22.22	21.94	21.67	21.59	21.63	23.00
		1	271	21.67	21.62	21.57	21.81	21.67	23.00
		135	0	21.68	21.69	21.59	21.60	21.57	23.00
		135	69	22.15	22.14	22.08	21.99	21.84	23.00
		135	138	22.11	21.91	21.66	21.65	21.95	23.00
		270	0	21.81	21.64	21.74	21.80	21.69	23.00
	DFT-s-OFDM QPSK	1	1	21.62	21.62	21.57	21.71	21.63	23.00
		1	137	22.47	22.26	22.24	22.22	22.45	23.00
		1	271	21.58	21.68	21.61	21.68	21.59	23.00
		135	0	21.61	21.63	21.60	21.59	21.56	23.00



		135	69	22.41	22.14	22.24	22.22	22.40	23.00
		135	138	22.07	21.79	21.55	21.57	21.80	23.00
		270	0	22.34	21.68	21.82	21.63	21.79	23.00
	DFT-s-OFDM 16QAM	1	1	20.62	20.54	20.53	20.66	20.72	22.50
	DFT-s-OFDM 64QAM	1	1	19.06	19.11	19.13	19.07	19.05	21.00
	DFT-s-OFDM 256QAM	1	1	17.65	17.71	17.53	17.63	17.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.57	21.68	21.74	21.80	21.66	23.00

N41 Hotspot on&Sensor on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.07	16.04	16.01	16.27	16.04	17.50
		1	137	16.68	16.37	16.11	16.03	16.08	17.50
		1	271	16.14	16.08	16.05	16.24	16.11	17.50
		135	0	16.12	16.12	16.02	16.09	16.04	17.50
		135	69	16.59	16.59	16.52	16.48	16.32	17.50
		135	138	16.57	16.36	16.13	16.10	16.43	17.50
		270	0	16.30	16.07	16.17	16.28	16.14	17.50
	DFT-s-OFDM QPSK	1	1	16.10	16.05	16.06	16.16	16.06	17.50
		1	137	16.71	16.63	16.62	16.50	16.45	17.50
		1	271	16.01	16.12	16.10	16.16	16.03	17.50
		135	0	16.06	16.07	16.04	16.07	16.02	17.50
		135	69	16.70	16.58	16.48	16.43	16.37	17.50
		135	138	16.50	16.26	15.98	16.03	16.28	17.50
		270	0	16.77	16.15	16.31	16.12	16.26	17.50
	DFT-s-OFDM 16QAM	1	1	15.60	15.53	15.51	15.61	15.70	17.50
	DFT-s-OFDM 64QAM	1	1	15.56	15.55	15.61	15.55	15.51	17.50
	DFT-s-OFDM 256QAM	1	1	15.64	15.64	15.51	15.56	15.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.06	16.12	16.19	16.25	16.09	17.50



N77 Hotspot off&Sensor off				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.51	23.53	23.67	23.62	23.64	25.00
		1	137	24.07	24.13	24.05	24.35	24.28	24.21	25.00
		1	271	23.58	23.82	23.87	23.90	23.79	24.11	25.00
		135	0	23.10	22.98	23.10	23.10	23.29	23.25	24.00
		135	69	24.25	24.16	24.25	24.18	24.42	24.44	25.00
		135	138	23.21	23.02	23.13	23.14	23.18	23.22	24.00
		270	0	23.13	23.21	23.06	23.16	23.29	23.03	24.00
	DFT-s-OFDM QPSK	1	1	23.55	23.50	23.58	23.59	23.70	23.75	25.00
		1	137	24.04	24.12	24.20	24.36	24.36	24.35	25.00
		1	271	23.68	23.73	23.78	23.78	23.77	23.96	25.00
		135	0	23.05	23.08	23.10	23.15	23.23	23.23	24.00
		135	69	24.21	24.20	24.23	24.30	24.36	24.30	25.00
		135	138	23.11	23.11	23.13	23.15	23.21	23.25	24.00
		270	0	23.11	23.08	23.15	23.07	23.24	23.16	24.00
	DFT-s-OFDM 16QAM	1	1	22.35	22.35	22.37	22.39	22.54	22.39	23.00
	DFT-s-OFDM 64QAM	1	1	21.02	20.96	21.03	21.03	21.09	20.99	21.50
	DFT-s-OFDM 256QAM	1	1	19.61	19.62	19.60	19.52	19.68	19.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.08	22.06	22.08	22.16	22.17	22.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.55	23.64	23.50	23.69	23.79	23.87	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.51	23.47	23.47	23.62	23.75	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.57	23.35	23.51	23.49	23.73	23.85	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.69	23.48	23.45	23.69	23.70	23.84	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.47	23.40	23.58	23.74	23.61	23.77	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.53	23.37	23.73	23.56	23.83	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.48	23.44	23.71	23.52	23.78	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up



10MHz	DFT-s-OFDM QPSK	1	1	23.66	23.36	23.68	23.53	23.84	23.72	25.00
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N77 Hotspot on&Sensor on				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.47	16.56	16.58	16.72	16.66	16.67	18.00
		1	137	17.12	17.18	17.07	17.37	17.31	17.24	18.00
		1	271	16.61	16.86	16.90	16.94	16.81	17.15	18.00
		135	0	17.13	17.03	17.15	17.13	17.34	17.30	18.00
		135	69	17.27	17.20	17.27	17.21	17.45	17.48	18.00
		135	138	17.24	17.05	17.18	17.18	17.20	17.27	18.00
		270	0	17.17	17.25	17.08	17.18	17.34	17.08	18.00
	DFT-s-OFDM QPSK	1	1	16.59	16.53	16.60	16.62	16.75	16.79	18.00
		1	137	17.09	17.16	17.25	17.42	17.41	17.39	18.00
		1	271	16.73	16.75	16.81	16.83	16.82	16.98	18.00
		135	0	17.10	17.11	17.13	17.19	17.25	17.27	18.00
		135	69	17.25	17.25	17.28	17.33	17.40	17.41	18.00
		135	138	17.15	17.15	17.17	17.20	17.25	17.28	18.00
		270	0	17.15	17.12	17.17	17.10	17.26	17.20	18.00
	DFT-s-OFDM 16QAM	1	1	17.40	17.38	17.39	17.44	17.58	17.41	18.00
	DFT-s-OFDM 64QAM	1	1	17.54	17.48	17.56	17.58	17.61	17.51	18.00
	DFT-s-OFDM 256QAM	1	1	17.65	17.66	17.65	17.56	17.73	17.59	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	16.61	16.59	16.60	16.68	16.72	16.59	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.57	16.66	16.52	16.74	16.82	16.91	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.54	16.51	16.52	16.66	16.80	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.60	16.39	16.55	16.53	16.78	16.89	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.74	16.51	16.50	16.74	16.75	16.88	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.50	16.42	16.62	16.76	16.65	16.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.57	16.39	16.77	16.61	16.85	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.51	16.48	16.74	16.54	16.83	16.69	18.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	16.71	16.41	16.72	16.57	16.87	16.75	18.00

Ant4:

N41 Receiver off&Hotspot off&Sensor off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.58	23.50	23.50	23.54	23.76	25.00
		1	137	24.53	24.33	24.38	24.44	24.19	25.00
		1	271	23.53	23.59	23.64	23.67	23.54	25.00
		135	0	23.17	23.18	23.13	23.13	23.24	24.50
		135	69	24.53	24.28	24.45	24.14	24.19	25.00
		135	138	23.34	23.08	22.88	23.10	23.03	24.50
		270	0	23.13	23.06	23.21	22.97	23.11	24.50
	DFT-s-OFDM QPSK	1	1	23.58	23.52	23.61	23.55	23.65	25.00
		1	137	24.54	24.40	24.41	24.31	24.39	25.00
		1	271	23.56	23.50	23.55	23.68	23.55	25.00
		135	0	23.04	23.16	23.05	22.99	23.14	24.50
		135	69	24.54	24.39	24.38	24.28	24.30	25.00
		135	138	23.28	23.21	23.00	23.07	23.12	24.50
		270	0	23.12	23.15	23.09	23.01	23.04	24.50
	DFT-s-OFDM 16QAM	1	1	22.00	22.03	21.93	21.93	21.90	23.50
	DFT-s-OFDM 64QAM	1	1	20.56	20.54	20.48	20.44	20.45	21.50
DFT-s-OFDM 256QAM	1	1	19.13	19.14	19.11	19.06	19.06	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.15	22.08	22.13	22.09	22.23	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.00
60MHz	DFT-s-OFDM QPSK	1	1	23.53	23.65	23.62	23.59	23.82	25.00



N41 Receiver on&Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.00	16.16	16.10	16.05	16.18	17.50
		1	137	16.65	16.22	16.43	16.51	16.33	17.50
		1	271	16.32	16.09	16.21	16.11	16.05	17.50
		135	0	16.32	16.10	16.08	16.07	16.00	17.50
		135	69	16.62	16.27	16.49	16.56	16.35	17.50
		135	138	16.03	16.40	16.29	16.37	16.13	17.50
		270	0	16.23	16.19	16.28	16.30	16.13	17.50
	DFT-s-OFDM QPSK	1	1	16.10	16.20	16.12	16.03	16.10	17.50
		1	137	16.51	16.35	16.46	16.43	16.42	17.50
		1	271	16.24	16.09	16.11	16.09	16.05	17.50
		135	0	16.17	16.07	16.14	16.01	16.02	17.50
		135	69	16.65	16.34	16.42	16.44	16.35	17.50
		135	138	16.03	16.33	16.18	16.33	16.13	17.50
		270	0	16.15	16.18	16.25	16.25	16.15	17.50
	DFT-s-OFDM 16QAM	1	1	16.38	16.39	16.38	16.39	16.41	17.50
	DFT-s-OFDM 64QAM	1	1	16.25	16.36	16.34	16.20	16.34	17.50
	DFT-s-OFDM 256QAM	1	1	16.04	16.01	16.05	16.12	16.04	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
100MHz	CP-OFDM QPSK	1	1	16.28	16.35	16.12	16.48	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.05	16.18	16.02	16.13	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.25	16.23	16.26	16.17	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.22	16.21	16.11	16.05	16.16	17.50

Ant5:

[illegible]



		size	offset	647000	650600	654200	657800	661400	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.18	23.65	23.92	23.62	23.53	23.60	25.50

N77 Receiver on&Hotspot on				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.33	18.34	18.29	18.27	18.42	18.32	19.50
		1	137	18.77	18.51	18.81	18.88	18.52	18.77	19.50
		1	271	18.26	18.28	18.16	18.28	18.25	18.33	19.50
		135	0	18.73	18.69	18.88	18.89	18.79	18.72	19.50
		135	69	18.84	18.78	18.70	18.91	19.14	18.92	19.50
		135	138	18.74	18.91	18.80	18.74	18.79	18.73	19.50
		270	0	18.68	18.76	18.73	18.77	18.73	18.82	19.50
	DFT-s-OFDM QPSK	1	1	18.36	18.45	18.39	18.30	18.31	18.40	19.50
		1	137	19.02	18.66	18.93	18.86	18.66	18.77	19.50
		1	271	18.32	18.26	18.27	18.36	18.25	18.18	19.50
		135	0	18.79	18.81	18.80	18.88	18.92	18.83	19.50
		135	69	19.05	18.82	18.85	19.04	18.99	19.04	19.50
		135	138	18.74	18.81	18.84	18.67	18.86	18.73	19.50
		270	0	18.75	18.85	18.80	18.80	18.86	18.73	19.50
	DFT-s-OFDM 16QAM	1	1	18.16	18.24	18.18	18.22	18.18	18.18	19.50
	DFT-s-OFDM 64QAM	1	1	18.23	18.15	18.33	18.19	18.34	18.18	19.50
	DFT-s-OFDM 256QAM	1	1	18.80	18.92	18.68	18.94	18.87	18.70	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 652400	Channel 654800	Channel 657200	Channel 659600	Channel 662000
100MHz	CP-OFDM QPSK	1	1	18.39	18.44	18.40	18.36	18.33	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.28	18.53	18.25	18.23	18.36	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.51	18.45	18.54	18.15	18.44	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.50	18.52	18.24	18.34	18.37	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.46	18.60	18.35	18.27	18.31	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.42	18.42	18.27	18.38	18.29	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.43	18.51	18.28	18.16	18.19	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	DFT-s-OFDM	1	1	18.36	18.31	18.26	18.35	18.44	18.28	19.50



	QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.30	18.30	18.49	18.31	18.44	18.25	19.50

Table 11 : Conducted Power of NR Antenna

6 Conducted Power of Uplink CA

Ant 0																
Combination	Modulation	PCC						SCC					Sensor off&Hotspot off		Sensor on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.20	25.00	20.41	21.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	24.19	25.00	20.40	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	24.05	25.00	20.26	21.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	24.21	25.00	20.24	21.00
Ant 3																
Combination	Modulation	PCC						SCC					Sensor off&Hotspot off		Sensor on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.05	25.00	17.26	18.50
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	24.07	25.00	17.29	18.50
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	23.85	25.00	17.05	18.50
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	24.25	25.00	17.42	18.50

Ant 0																
Combination	Modulation	PCC						SCC					Full Power			
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)		
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	24.15	25.00		
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.05	25.00		
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	24.06	25.00		
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	24.05	25.00		
Ant 2																
Combination	Modulation	PCC						SCC					Full Power			
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)		
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	22.55	23.50		
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.51	23.50		
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	22.35	23.50		
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	22.41	23.50		
Ant 3																
Combination	Modulation	PCC						SCC					Sensor off&Hotspot off		Sensor on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	24.15	25.00	18.75	20.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.10	25.00	18.85	20.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	24.00	25.00	18.74	20.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	24.06	25.00	18.73	20.00
Ant 4																
Combination	Modulation	PCC						SCC					Receiver off&Hotspot off		Receiver on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	23.05	24.00	19.00	20.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	23.04	24.00	18.74	20.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	22.98	24.00	18.74	20.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	23.04	24.00	19.01	20.00

Ant 0																
Combination	Modulation	PCC						SCC					Full Power			
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)		
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	24.15	25.00		
CA_41C	QPSK	41	20	40134	1	99	40134	41	20	40332	1	0	24.25	25.00		
CA_41C	QPSK	41	20	40521	1	99	40521	41	20	40719	1	0	24.26	25.00		
CA_41C	QPSK	41	20	40907	1	99	40907	41	20	41105	1	0	24.10	25.00		
CA_41C	QPSK	41	20	41292	1	99	41292	41	20	41490	1	0	24.26	25.00		
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	1	99	24.15	25.00		
CA_41C	QPSK	41	20	40134	1	0	40134	41	20	40332	1	99	24.10	25.00		
CA_41C	QPSK	41	20	40521	1	0	40521	41	20	40719	1	99	24.05	25.00		
CA_41C	QPSK	41	20	40907	1	0	40907	41	20	41105	1	99	24.10	25.00		
CA_41C	QPSK	41	20	41292	1	0	41292	41	20	41490	1	99	24.25	25.00		
Ant 2																
Combination	Modulation	PCC						SCC					Full Power			
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)		
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	22.49	23.50		
CA_41C	QPSK	41	20	40134	1	99	40134	41	20	40332	1	0	22.35	23.50		
CA_41C	QPSK	41	20	40521	1	99	40521	41	20	40719	1	0	22.41	23.50		
CA_41C	QPSK	41	20	40907	1	99	40907	41	20	41105	1	0	22.35	23.50		
CA_41C	QPSK	41	20	41292	1	99	41292	41	20	41490	1	0	22.24	23.50		
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	1	99	22.41	23.50		
CA_41C	QPSK	41	20	40134	1	0	40134	41	20	40332	1	99	22.35	23.50		
CA_41C	QPSK	41	20	40521	1	0	40521	41	20	40719	1	99	22.41	23.50		
CA_41C	QPSK	41	20	40907	1	0	40907	41	20	41105	1	99	22.37	23.50		
CA_41C	QPSK	41	20	41292	1	0	41292	41	20	41490	1	99	22.11	23.50		
Ant 3																
Combination	Modulation	PCC						SCC					Sensor off&Hotspot off		Sensor on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	23.78	25.00	19.34	20.50
CA_41C	QPSK	41	20	40134	1	99	40134	41	20	40332	1	0	24.01	25.00	19.31	20.50
CA_41C	QPSK	41	20	40521	1	99	40521	41	20	40719	1	0	24.05	25.00	19.41	20.50
CA_41C	QPSK	41	20	40907	1	99	40907	41	20	41105	1	0	24.12	25.00	19.56	20.50
CA_41C	QPSK	41	20	41292	1	99	41292	41	20	41490	1	0	24.31	25.00	19.73	20.50
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	1	99	23.70	25.00	19.24	20.50
CA_41C	QPSK	41	20	40134	1	0	40134	41	20	40332	1	99	24.00	25.00	19.35	20.50
CA_41C	QPSK	41	20	40521	1	0	40521	41	20	40719	1	99	24.06	25.00	19.40	20.50
CA_41C	QPSK	41	20	40907	1	0	40907	41	20	41105	1	99	24.20	25.00	19.35	20.50
CA_41C	QPSK	41	20	41292	1	0	41292	41	20	41490	1	99	24.21	25.00	19.41	20.50
Ant 4																
Combination	Modulation	PCC						SCC					Receiver off&Hotspot off		Receiver on&Hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	23.05	24.50	18.41	20.00
CA_41C	QPSK	41	20	40134	1	99	40134	41	20	40332	1	0	23.10	24.50	18.51	20.00
CA_41C	QPSK	41	20	40521	1	99	40521	41	20	40719	1	0	23.15	24.50	18.55	20.00
CA_41C	QPSK	41	20	40907	1	99	40907	41	20	41105	1	0	23.16	24.50	18.54	20.00
CA_41C	QPSK	41	20	41292	1	99	41292	41	20	41490	1	0	23.04	24.50	18.55	20.00
CA_41C	QPSK	41	20	39750	1	0	39750	41	20	39948	1	99	23.05	24.50	18.34	20.00
CA_41C	QPSK	41	20	40134	1	0	40134	41	20	40332	1	99	23.09	24.50	18.41	20.00
CA_41C	QPSK	41	20	40521	1	0	40521	41	20	40719	1	99	23.04	24.50	18.33	20.00
CA_41C	QPSK	41	20	40907	1	0	40907	41	20	41105	1	99	23.08	24.50	18.38	20.00
CA_41C	QPSK	41	20	41292	1	0	41292	41	20	41490	1	99	23.04	24.50	18.34	20.00

Table 12 : Conducted Power of Uplink CA

7 Conducted Power of Wi-Fi and BT

Full power/Receiver off				Ant6	Ant7	MIMO	Tune up
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11b	1	2412	1	14.00	13.89	16.96	18.50
	6	2437		14.40	14.34	17.38	18.50
	11	2462		13.88	13.86	16.88	18.50
802.11g	1	2412	6	17.98	17.27	20.65	22.50
	6	2437		17.76	17.32	20.56	22.50
	11	2462		17.85	17.53	20.70	22.50
802.11n HT20	1	2412	6.5	16.92	16.58	19.76	21.50
	6	2437		16.51	16.63	19.58	21.50
	11	2462		16.97	16.36	19.69	21.50
802.11ax HT20	1	2412	MCS0	16.05	16.51	19.30	20.50
	6	2437		15.87	15.26	18.59	20.50
	11	2462		16.26	15.49	18.90	20.50

Receiver on				Ant6	Ant7	MIMO	Tune up
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11b	1	2412	1	14.00	13.89	16.96	18.50
	6	2437		14.40	14.34	17.38	18.50
	11	2462		13.88	13.86	16.88	18.50
802.11g	1	2412	6	13.75	13.65	16.71	18.50
	6	2437		14.15	14.09	17.13	18.50
	11	2462		13.62	13.57	16.61	18.50
802.11n HT20	1	2412	6.5	13.53	13.36	16.46	18.50
	6	2437		13.88	13.85	16.88	18.50
	11	2462		13.39	13.32	16.37	18.50
802.11ax HT20	1	2412	MCS0	13.63	13.51	16.58	18.50
	6	2437		14.02	13.97	17.01	18.50
	11	2462		13.52	13.44	16.49	18.50



Full power/Receiver off					Ant6	Ant7	MIMO	Tune up
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11a	U-NII-1	36	5180	6	15.98	15.98	18.99	20.50
		40	5200		16.03	15.95	19.00	20.50
		44	5220		16.15	16.28	19.23	20.50
		48	5240		16.51	16.51	19.52	20.50
	U-NII-2A	52	5260		16.42	16.42	19.43	20.50
		56	5280		16.39	16.41	19.41	20.50
		60	5300		16.45	16.33	19.40	20.50
		64	5320		16.46	16.36	19.42	20.50
	U-NII-2C	100	5500		17.14	17.14	20.15	20.50
		104	5520		17.23	17.09	20.17	20.50
		108	5540		17.39	17.41	20.41	20.50
		112	5560		17.17	17.16	20.18	20.50
		116	5580		17.19	17.14	20.18	20.50
		120	5600		17.41	17.36	20.40	20.50
		124	5620		16.95	17.01	19.99	20.50
		128	5640		16.81	16.68	19.76	20.50
		132	5660		16.77	16.65	19.72	20.50
		136	5680		16.87	16.96	19.93	20.50
		140	5700		17.42	17.42	20.43	20.50
		144	5720		16.93	16.95	19.95	20.50
	U-NII-3	149	5745		18.23	18.38	21.32	22.00
		153	5765		18.15	18.08	21.13	22.00
		157	5785		18.24	18.38	21.32	22.00
		161	5805		18.26	18.42	21.35	22.00
		165	5825		18.25	18.40	21.34	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.87	15.92	18.91	20.50
		40	5200		16.08	16.04	19.07	20.50
		44	5220		16.11	16.23	19.18	20.50
		48	5240		16.06	16.07	19.08	20.50
	U-NII-2A	52	5260		16.24	16.14	19.20	20.50
		56	5280		16.31	16.34	19.34	20.50
		60	5300		16.31	16.28	19.31	20.50
		64	5320		16.22	16.13	19.19	20.50
	U-NII-2C	100	5500		17.03	16.93	19.99	20.50
		104	5520		17.09	17.19	20.15	20.50
		108	5540		17.17	17.19	20.19	20.50
		112	5560		17.15	17.01	20.09	20.50
		116	5580		17.02	16.98	20.01	20.50
		120	5600		16.68	16.54	19.62	20.50
		124	5620		16.83	16.83	19.84	20.50
		128	5640		16.70	16.85	19.79	20.50
		132	5660		16.69	16.59	19.65	20.50
		136	5680		16.75	16.68	19.73	20.50
		140	5700		16.73	16.72	19.74	20.50
		144	5720		16.86	17.00	19.94	20.50
	U-NII-3	149	5745		18.03	18.16	21.11	22.00
		153	5765		16.71	16.58	19.66	22.00
		157	5785		16.66	16.62	19.65	22.00
		161	5805		17.85	17.83	20.85	22.00

		165	5825		17.80	17.91	20.87	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.50	15.35	18.44	20.00
		46	5230		15.74	15.60	18.68	20.00
	U-NII-2A	54	5270		15.94	15.80	18.88	20.00
		62	5310		15.94	15.95	18.96	20.00
	U-NII-2C	102	5510		13.08	12.99	16.05	16.50
		110	5550		13.38	13.38	16.39	16.50
		118	5590		13.02	13.03	16.04	16.50
		126	5630		12.98	12.98	15.99	16.50
		134	5670		13.16	13.18	16.18	16.50
		142	5710		13.00	13.13	16.08	16.50
	U-NII-3	151	5755		17.56	17.53	20.56	21.50
		159	5795		17.45	17.57	20.52	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-20M	U-NII-1	36	5180	MCS0	15.98	15.84	18.92	20.50
		40	5200		15.99	15.85	18.93	20.50
		44	5220		16.08	16.19	19.15	20.50
		48	5240		16.12	16.20	19.17	20.50
	U-NII-2A	52	5260		16.32	16.27	19.31	20.50
		56	5280		16.18	16.04	19.12	20.50
		60	5300		16.24	16.21	19.24	20.50
		64	5320		16.16	16.13	19.16	20.50
	U-NII-2C	100	5500		16.96	16.85	19.92	20.50
		104	5520		16.95	16.97	19.97	20.50
		108	5540		17.30	17.17	20.25	20.50
		112	5560		17.21	17.15	20.19	20.50
		116	5580		17.08	16.95	20.03	20.50
		120	5600		16.70	16.67	19.70	20.50
		124	5620		16.81	16.66	19.75	20.50
		128	5640		16.73	16.69	19.72	20.50
		132	5660		16.61	16.47	19.55	20.50
		136	5680		16.73	16.78	19.77	20.50
		140	5700		16.82	16.85	19.85	20.50
		144	5720		17.01	17.16	20.10	20.50
	U-NII-3	149	5745		18.10	18.10	21.11	22.00
		153	5765		16.64	16.54	19.60	22.00
		157	5785		16.78	16.80	19.80	22.00
		161	5805		18.00	17.88	20.95	22.00
		165	5825		17.85	17.97	20.92	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-40M	U-NII-1	38	5190	MCS0	15.35	15.40	18.39	20.00
		46	5230		15.62	15.64	18.64	20.00
	U-NII-2A	54	5270		16.06	16.16	19.12	20.00
		62	5310		15.82	15.91	18.88	20.00
	U-NII-2C	102	5510		14.19	14.16	17.19	17.50
		110	5550		14.47	14.49	17.49	17.50
		118	5590		14.05	13.93	17.00	17.50
		126	5630		14.06	14.16	17.12	17.50
		134	5670		13.99	14.10	17.06	17.50

		142	5710		13.95	13.86	16.92	17.50		
	U-NII-3	151	5755		17.49	17.44	20.48	21.50		
		159	5795		17.58	17.70	20.65	21.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	15.35	15.21	18.29	20.00		
	U-NII-2A	58	5290		15.54	15.41	18.49	20.00		
	U-NII-2C	106	5530		12.73	12.62	15.69	16.50		
		122	5610		12.48	12.47	15.49	16.50		
		138	5690		12.63	12.55	15.60	16.50		
	U-NII-3	155	5775		16.03	16.11	19.08	20.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax- 20M	U-NII-1	36	5180	MCS0	16.28	16.25	19.28	20.50		
		40	5200		16.23	16.10	19.18	20.50		
		44	5220		16.28	16.26	19.28	20.50		
		48	5240		16.45	16.50	19.49	20.50		
	U-NII-2A	52	5260		16.47	16.45	19.47	20.50		
		56	5280		16.53	16.49	19.52	20.50		
		60	5300		16.30	16.24	19.28	20.50		
		64	5320		16.58	16.70	19.65	20.50		
	U-NII-2C	100	5500		16.32	16.27	19.31	19.50		
		104	5520		16.38	16.53	19.47	19.50		
		108	5540		16.49	16.39	19.45	19.50		
		112	5560		16.43	16.28	19.37	19.50		
		116	5580		16.25	16.20	19.24	19.50		
		120	5600		16.03	16.08	19.07	19.50		
		124	5620		16.23	16.14	19.20	19.50		
		128	5640		16.05	16.02	19.05	19.50		
		132	5660		16.12	16.21	19.18	19.50		
		136	5680		16.13	16.19	19.17	19.50		
		140	5700		16.17	16.19	19.19	19.50		
		144	5720		16.05	15.96	19.02	19.50		
	U-NII-3	149	5745		18.32	18.31	21.33	22.00		
		153	5765		18.08	18.04	21.07	22.00		
		157	5785		18.13	18.14	21.15	22.00		
		161	5805		18.05	18.18	21.13	22.00		
		165	5825		18.11	18.25	21.19	22.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax- 40M	U-NII-1	38		5190	MCS0	15.11	15.03	18.08	20.00
			46		5230		15.13	15.06	18.11	20.00
		U-NII-2A	54		5270		14.86	15.15	18.02	20.00
			62		5310		14.84	15.22	18.04	20.00
U-NII-2C		102	5510	13.78	12.86		16.35	18.50		
		110	5550	13.52	13.12		16.33	18.50		
		118	5590	13.47	13.13		16.31	18.50		
		126	5630	13.55	13.25		16.41	18.50		
		134	5670	13.60	13.26		16.44	18.50		
		142	5710	13.49	13.08		16.30	18.50		
		151	5755	16.59	16.58		19.60	21.50		
U-NII-3		159	5795	16.89	16.82		19.87	21.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power	Average Power	Average Power	Tune up		



					(dBm)	(dBm)	(dBm)	
802.11ax 80M	U-NII-1	42	5210	MCS0	15.57	15.83	18.71	20.00
	U-NII-2A	58	5290		15.78	16.07	18.94	20.00
	U-NII-2C	106	5530		16.66	15.85	19.28	20.00
		122	5610		16.34	16.05	19.21	20.00
		138	5690		16.58	16.03	19.32	20.00
	U-NII-3	155	5775		17.46	17.09	20.29	21.50

Receiver on					Ant6	Ant7	MIMO	Tune up
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	
802.11a	U-NII-1	36	5180	6	13.48	13.46	16.48	18.00
		40	5200		13.51	13.45	16.49	18.00
		44	5220		13.63	13.77	16.71	18.00
		48	5240		14.00	13.97	17.00	18.00
	U-NII-2A	52	5260		15.87	16.08	18.99	19.50
		56	5280		15.38	15.38	18.39	19.50
		60	5300		15.45	15.31	18.39	19.50
		64	5320		16.10	15.32	18.74	19.50
	U-NII-2C	100	5500		16.12	16.11	19.13	19.50
		104	5520		16.19	16.05	19.13	19.50
		108	5540		16.35	16.37	19.37	19.50
		112	5560		16.13	16.15	19.15	19.50
		116	5580		16.14	16.09	19.13	19.50
		120	5600		16.37	16.31	19.35	19.50
		124	5620		15.90	16.00	18.96	19.50
		128	5640		15.79	15.67	18.74	19.50
		132	5660		15.76	15.64	18.71	19.50
		136	5680		15.85	15.93	18.90	19.50
		140	5700		16.39	16.38	19.40	19.50
		144	5720		15.89	15.92	18.92	19.50
	U-NII-3	149	5745		17.73	17.85	20.80	22.00
		153	5765		17.64	17.55	20.61	22.00
		157	5785		17.74	17.83	20.80	22.00
		161	5805		17.80	17.90	20.86	22.00
		165	5825		17.78	17.30	20.56	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n- HT20	U-NII-1	36	5180	MCS0	13.35	13.39	16.38	18.00
		40	5200		13.54	13.54	16.55	18.00
		44	5220		13.56	13.70	16.64	18.00
		48	5240		13.53	13.52	16.54	18.00
	U-NII-2A	52	5260		15.23	15.10	18.18	19.50
		56	5280		15.31	15.29	18.31	19.50
		60	5300		15.26	15.26	18.27	19.50
		64	5320		15.18	15.11	18.16	19.50
	U-NII-2C	100	5500		16.01	15.93	18.98	19.50
		104	5520		16.09	16.17	19.14	19.50
		108	5540		16.12	16.15	19.15	19.50
		112	5560		16.11	15.99	19.06	19.50
		116	5580		16.02	15.93	18.99	19.50
		120	5600		15.66	15.54	18.61	19.50
		124	5620		15.79	15.80	18.81	19.50
		128	5640		15.69	15.84	18.78	19.50

		132	5660		15.64	15.57	18.62	19.50
		136	5680		15.71	15.65	18.69	19.50
		140	5700		15.71	15.67	18.70	19.50
		144	5720		15.81	15.97	18.90	19.50
	U-NII-3	149	5745		17.50	17.63	20.58	21.50
		153	5765		16.18	16.07	19.14	21.50
		157	5785		16.13	16.10	19.13	21.50
		161	5805		17.32	17.32	20.33	21.50
		165	5825		17.30	17.38	20.35	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.95	12.81	15.89	17.50
		46	5230		13.20	13.06	16.14	17.50
	U-NII-2A	54	5270		14.91	14.76	17.85	19.00
		62	5310		14.94	14.91	17.94	19.00
	U-NII-2C	102	5510		13.08	12.99	16.05	16.50
		110	5550		13.38	13.38	16.39	16.50
		118	5590		13.02	13.03	16.04	16.50
		126	5630		12.98	12.98	15.99	16.50
		134	5670		13.16	13.18	16.18	16.50
		142	5710		13.00	13.13	16.08	16.50
		151	5755		17.03	17.03	20.04	21.00
	U-NII-3	159	5795		16.95	17.05	20.01	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-20M	U-NII-1	36	5180	MCS0	13.46	13.31	16.40	18.00
		40	5200		13.46	13.30	16.39	18.00
		44	5220		13.54	13.69	16.63	18.00
		48	5240		13.59	13.66	16.64	18.00
	U-NII-2A	52	5260		15.32	15.22	18.28	19.50
		56	5280		15.13	15.00	18.08	19.50
		60	5300		15.23	15.19	18.22	19.50
		64	5320		15.15	15.11	18.14	19.50
	U-NII-2C	100	5500		15.96	15.82	18.90	19.50
		104	5520		15.94	15.96	18.96	19.50
		108	5540		16.27	16.17	19.23	19.50
		112	5560		16.18	16.13	19.17	19.50
		116	5580		16.05	15.90	18.99	19.50
		120	5600		15.66	15.64	18.66	19.50
		124	5620		15.81	15.65	18.74	19.50
		128	5640		15.71	15.65	18.69	19.50
		132	5660		15.58	15.42	18.51	19.50
		136	5680		15.72	15.74	18.74	19.50
		140	5700		15.78	15.85	18.83	19.50
		144	5720		15.96	16.11	19.05	19.50
	U-NII-3	149	5745		17.57	17.56	20.58	21.50
		153	5765		16.12	16.04	19.09	21.50
		157	5785		16.28	16.26	19.28	21.50
		161	5805		17.47	17.35	20.42	21.50
		165	5825		17.30	17.46	20.39	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-	U-NII-1	38	5190	MCS0	12.83	12.90	15.88	17.50

40M	U-NII-2A	46	5230		13.12	13.09	16.12	17.50
		54	5270		15.03	15.14	18.10	19.00
		62	5310		14.79	14.88	17.85	19.00
	U-NII-2C	102	5510		14.19	14.16	17.19	17.50
		110	5550		14.47	14.49	17.49	17.50
		118	5590		14.05	13.93	17.00	17.50
		126	5630		14.06	14.16	17.12	17.50
		134	5670		13.99	14.10	17.06	17.50
		142	5710		13.95	13.86	16.92	17.50
		151	5755		16.96	16.89	19.94	21.00
		159	5795		17.03	17.20	20.13	21.00
	U-NII-3	151	5755		16.96	16.89	19.94	21.00
		159	5795		17.03	17.20	20.13	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.84	12.69	15.78	17.50
	U-NII-2A	58	5290		14.51	14.41	17.47	19.00
	U-NII-2C	106	5530		12.73	12.62	15.69	16.50
		122	5610		12.48	12.47	15.49	16.50
		138	5690		12.63	12.55	15.60	16.50
	U-NII-3	155	5775		15.53	15.59	18.57	20.00
		155	5775		15.53	15.59	18.57	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 20M	U-NII-1	36	5180	MCS0	13.73	13.74	16.75	18.00
		40	5200		13.73	13.60	16.68	18.00
		44	5220		13.78	13.71	16.76	18.00
		48	5240		13.90	13.96	16.94	18.00
	U-NII-2A	52	5260		15.42	15.40	18.42	19.50
		56	5280		15.48	15.45	18.48	19.50
		60	5300		15.25	15.19	18.23	19.50
		64	5320		15.53	15.66	18.61	19.50
	U-NII-2C	100	5500		15.30	15.24	18.28	18.50
		104	5520		15.34	15.49	18.43	18.50
		108	5540		15.45	15.39	18.43	18.50
		112	5560		15.42	15.25	18.35	18.50
		116	5580		15.25	15.16	18.22	18.50
		120	5600		15.00	15.08	18.05	18.50
		124	5620		15.19	15.11	18.16	18.50
		128	5640		15.02	14.97	18.01	18.50
		132	5660		15.12	15.19	18.17	18.50
		136	5680		15.12	15.14	18.14	18.50
		140	5700		15.14	15.15	18.16	18.50
		144	5720		15.02	14.93	17.99	18.50
	U-NII-3	149	5745		17.80	17.77	20.80	21.50
		153	5765		17.58	17.53	20.57	21.50
		157	5785		17.62	17.63	20.64	21.50
		161	5805		17.52	17.66	20.60	21.50
		165	5825		17.58	17.75	20.68	21.50
		165	5825		17.58	17.75	20.68	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 40M	U-NII-1	38	5190	MCS0	12.61	12.50	15.57	17.50
		46	5230		12.60	12.55	15.59	17.50
	U-NII-2A	54	5270		13.84	14.13	17.00	19.00
		62	5310		13.84	14.21	17.04	19.00
	U-NII-2C	102	5510		12.88	11.91	15.43	17.50
		102	5510		12.88	11.91	15.43	17.50

		110	5550		12.62	12.17	15.41	17.50	
		118	5590		12.57	12.18	15.39	17.50	
		126	5630		12.65	12.30	15.49	17.50	
		134	5670		12.70	12.31	15.52	17.50	
		142	5710		12.59	12.13	15.38	17.50	
	U-NII-3	151	5755		16.05	16.05	19.06	21.00	
			159		5795	16.36	16.31	19.35	21.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ax 80M	U-NII-1	42	5210	MCS0	13.07	13.33	16.21	17.50	
	U-NII-2A	58	5290		14.78	15.07	17.94	19.00	
	U-NII-2C	106	5530		15.66	14.85	18.28	19.00	
		122	5610		15.34	15.05	18.21	19.00	
		138	5690		15.58	15.03	18.32	19.00	
	U-NII-3	155	5775		12.46	12.09	15.29	21.00	

Table 13 : Conducted Power of Wi-Fi

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	12.36	12.68	11.63	13.50
	$\pi/4$ DQPSK	9.49	9.97	8.78	11.00
	8DPSK	9.58	10.05	8.75	11.00
Band	Channel	0	19	39	Tune up
BLE	GFSK	1.18	1.98	2.56	3.50
BLE	GFSK	1.15	1.96	2.52	3.50

Table 14 : Conducted Power of BT