

Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant13)

1.1 Conducted Power of GSM

GSM 850 Sensor off/Receiver off/Hotspot off										
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	33.05	33.25	33.42	34.30	-9.19	23.86	24.06	24.23	25.11
GPRS/EGPRS (GMSK)	1 TX Slot	33.23	33.15	33.38	34.30	-9.19	24.04	23.96	24.19	25.11
	2 TX Slots	32.24	32.30	32.33	33.30	-6.18	26.06	26.12	26.15	27.12
	3 TX Slots	30.29	30.29	30.37	31.50	-4.42	25.87	25.87	25.95	27.08
	4 TX Slots	29.34	29.30	29.22	30.40	-3.17	26.17	26.13	26.05	27.23
EGPRS(8PSK)	1 TX Slot	26.60	26.56	26.51	27.60	-9.19	17.41	17.37	17.32	18.41
	2 TX Slots	24.47	24.54	24.49	25.50	-6.18	18.29	18.36	18.31	19.32
	3 TX Slots	23.26	23.28	23.37	24.20	-4.42	18.84	18.86	18.95	19.78
	4 TX Slots	22.23	22.24	22.28	23.20	-3.17	19.06	19.07	19.11	20.03

GSM 850 Receiver on&Receiver on+WLAN										
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	27.28	27.41	27.65	28.30	-9.19	18.09	18.22	18.46	19.11
GPRS/EGPRS (GMSK)	1 TX Slot	27.29	27.41	27.49	28.30	-9.19	18.1	18.22	18.3	19.11
	2 TX Slots	26.47	26.43	26.42	27.30	-6.18	20.29	20.25	20.24	21.12
	3 TX Slots	24.46	24.40	24.38	25.50	-4.42	20.04	19.98	19.96	21.08
	4 TX Slots	23.37	23.35	23.28	24.40	-3.17	20.2	20.18	20.11	21.23
EGPRS(8PSK)	1 TX Slot	26.60	26.56	26.51	27.60	-9.19	17.41	17.37	17.32	18.41
	2 TX Slots	24.47	24.54	24.49	25.50	-6.18	18.29	18.36	18.31	19.32
	3 TX Slots	23.26	23.28	23.37	24.20	-4.42	18.84	18.86	18.95	19.78
	4 TX Slots	22.23	22.24	22.28	23.20	-3.17	19.06	19.07	19.11	20.03

GSM 850 Hotspot on&Sensor on+WLAN&Sensor off+WLAN										
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	30.78	30.97	31.20	31.80	-9.19	21.59	21.78	22.01	22.61
GPRS/EGPRS (GMSK)	1 TX Slot	30.86	30.94	31.18	31.80	-9.19	21.67	21.75	21.99	22.61
	2 TX Slots	29.87	29.90	29.97	30.80	-6.18	23.69	23.72	23.79	24.62
	3 TX Slots	27.79	27.89	27.99	29.00	-4.42	23.37	23.47	23.57	24.58
	4 TX Slots	27.00	26.92	26.95	27.90	-3.17	23.83	23.75	23.78	24.73
EGPRS(8PSK)	1 TX Slot	26.60	26.56	26.51	27.60	-9.19	17.41	17.37	17.32	18.41
	2 TX Slots	24.47	24.54	24.49	25.50	-6.18	18.29	18.36	18.31	19.32
	3 TX Slots	23.26	23.28	23.37	24.20	-4.42	18.84	18.86	18.95	19.78
	4 TX Slots	22.23	22.24	22.28	23.20	-3.17	19.06	19.07	19.11	20.03

GSM 850 Sensor on(A)										
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	32.24	32.41	32.61	33.30	-9.19	23.05	23.22	23.42	24.11
GPRS/EGPRS (GMSK)	1 TX Slot	32.28	32.29	32.57	33.30	-9.19	23.09	23.1	23.38	24.11
	2 TX Slots	31.19	31.25	31.28	32.30	-6.18	25.01	25.07	25.1	26.12
	3 TX Slots	29.25	29.35	29.27	30.50	-4.42	24.83	24.93	24.85	26.08
	4 TX Slots	27.47	27.42	27.45	29.40	-3.17	24.3	24.25	24.28	26.23
EGPRS(8PSK)	1 TX Slot	26.60	26.56	26.51	27.60	-9.19	17.41	17.37	17.32	18.41
	2 TX Slots	24.47	24.54	24.49	25.50	-6.18	18.29	18.36	18.31	19.32
	3 TX Slots	23.26	23.28	23.37	24.20	-4.42	18.84	18.86	18.95	19.78
	4 TX Slots	22.23	22.24	22.28	23.20	-3.17	19.06	19.07	19.11	20.03

GSM 1900 Sensor off/Receiver off/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	29.74	29.65	29.53	31.00	-9.19	20.55	20.46	20.34	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.72	29.65	29.55	31.00	-9.19	20.53	20.46	20.36	21.81
	2 TX Slots	28.93	28.87	28.87	30.50	-6.18	22.75	22.69	22.69	24.32
	3 TX Slots	26.89	26.85	26.77	28.50	-4.42	22.47	22.43	22.35	24.08
	4 TX Slots	25.79	25.71	25.65	27.50	-3.17	22.62	22.54	22.48	24.33
EGPRS(8PSK)	1 TX Slot	25.98	25.94	25.90	27.00	-9.19	16.79	16.75	16.71	17.81
	2 TX Slots	23.80	23.72	23.71	25.10	-6.18	17.62	17.54	17.53	18.92
	3 TX Slots	22.41	22.40	22.48	23.90	-4.42	17.99	17.98	18.06	19.48
	4 TX Slots	21.16	21.06	21.12	22.70	-3.17	17.99	17.89	17.95	19.53

GSM 1900 Receiver on&Receiver on+WLAN										
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	24.78	24.87	24.85	26.00	-9.19	15.59	15.68	15.66	16.81
GPRS/EGPRS (GMSK)	1 TX Slot	24.76	24.84	24.87	26.00	-9.19	15.57	15.65	15.68	16.81
	2 TX Slots	23.84	23.75	23.69	25.50	-6.18	17.66	17.57	17.51	19.32
	3 TX Slots	21.68	21.72	21.79	23.50	-4.42	17.26	17.3	17.37	19.08
	4 TX Slots	20.90	20.99	20.88	22.50	-3.17	17.73	17.82	17.71	19.33
EGPRS(8PSK)	1 TX Slot	25.98	25.94	25.90	27.00	-9.19	16.79	16.75	16.71	17.81
	2 TX Slots	23.80	23.72	23.71	25.10	-6.18	17.62	17.54	17.53	18.92
	3 TX Slots	22.41	22.40	22.48	23.90	-4.42	17.99	17.98	18.06	19.48
	4 TX Slots	21.16	21.06	21.12	22.70	-3.17	17.99	17.89	17.95	19.53

GSM 1900 Hotspot on&Sensor on+WLAN&Sensor off+WLAN										
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	25.28	25.34	25.31	26.50	-9.19	16.09	16.15	16.12	17.31
GPRS/EGPRS (GMSK)	1 TX Slot	25.31	25.35	25.34	26.50	-9.19	16.12	16.16	16.15	17.31
	2 TX Slots	24.28	24.32	24.26	26.00	-6.18	18.1	18.14	18.08	19.82
	3 TX Slots	22.31	22.28	22.27	24.00	-4.42	17.89	17.86	17.85	19.58
	4 TX Slots	21.42	21.32	21.39	23.00	-3.17	18.25	18.15	18.22	19.83
EGPRS(8PSK)	1 TX Slot	25.98	25.94	25.90	27.00	-9.19	16.79	16.75	16.71	17.81
	2 TX Slots	23.80	23.72	23.71	25.10	-6.18	17.62	17.54	17.53	18.92
	3 TX Slots	22.41	22.40	22.48	23.90	-4.42	17.99	17.98	18.06	19.48
	4 TX Slots	21.16	21.06	21.12	22.70	-3.17	17.99	17.89	17.95	19.53

GSM 1900 Sensor on(A)										
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	27.43	27.44	27.42	28.50	-9.19	18.24	18.25	18.23	19.31
GPRS/EGPRS (GMSK)	1 TX Slot	27.41	27.46	27.41	28.50	-9.19	18.22	18.27	18.22	19.31
	2 TX Slots	26.29	26.36	26.29	28.00	-6.18	20.11	20.18	20.11	21.82
	3 TX Slots	24.21	24.27	24.25	26.00	-4.42	19.79	19.85	19.83	21.58
	4 TX Slots	23.21	23.25	23.34	25.00	-3.17	20.04	20.08	20.17	21.83
EGPRS(8PSK)	1 TX Slot	25.98	25.94	25.90	27.00	-9.19	16.79	16.75	16.71	17.81
	2 TX Slots	23.80	23.72	23.71	25.10	-6.18	17.62	17.54	17.53	18.92
	3 TX Slots	22.41	22.40	22.48	23.90	-4.42	17.99	17.98	18.06	19.48
	4 TX Slots	21.16	21.06	21.12	22.70	-3.17	17.99	17.89	17.95	19.53

Table 1: Conducted Power of GSM

1.2 Conducted Power of WCDMA

WCDMA Band II Sensor off/Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.19	22.18	22.26	24.00
	12.2kbps AMR	22.14	22.12	22.20	24.00
HSDPA	Subtest 1	21.65	21.72	21.75	23.00
	Subtest 2	21.53	21.67	21.71	23.00
	Subtest 3	21.60	21.44	21.67	23.00
	Subtest 4	21.59	21.58	21.66	23.00
HSUPA	Subtest 1	21.66	21.83	21.87	23.00
	Subtest 2	20.11	20.17	20.31	21.50
	Subtest 3	20.67	20.79	20.97	22.00
	Subtest 4	19.55	19.68	19.84	21.00
	Subtest 5	21.74	21.85	21.93	23.00
DC-HSDPA	Subtest 1	21.69	21.85	21.79	23.00
	Subtest 2	21.60	21.80	21.78	23.00
	Subtest 3	21.67	21.36	21.63	23.00
	Subtest 4	21.58	21.46	21.71	23.00
HSPA+	16QAM	21.77	21.96	21.79	23.00

WCDMA Band II Receiver on&Receiver on+WLAN					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	14.68	14.71	14.78	16.50
	12.2kbps AMR	14.62	14.65	14.71	16.50
HSDPA	Subtest 1	14.19	14.12	14.25	15.50
	Subtest 2	14.09	14.11	14.23	15.50
	Subtest 3	14.10	13.89	14.21	15.50
	Subtest 4	14.17	13.99	14.12	15.50
HSUPA	Subtest 1	14.13	14.26	14.37	15.50
	Subtest 2	12.68	12.67	12.73	14.00
	Subtest 3	13.24	13.21	13.53	14.50
	Subtest 4	12.09	12.14	12.39	13.50
	Subtest 5	14.19	14.30	14.43	15.50
DC-HSDPA	Subtest 1	14.24	14.30	14.29	15.50
	Subtest 2	14.02	14.21	14.21	15.50
	Subtest 3	14.12	13.86	14.07	15.50
	Subtest 4	14.04	13.99	14.26	15.50
HSPA+	16QAM	14.28	14.47	14.25	15.50

WCDMA Band II Hotspot on&Sensor on+WLAN&Sensor off+WLAN					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	16.68	16.69	16.75	18.50
	12.2kbps AMR	16.62	16.63	16.68	18.50
HSDPA	Subtest 1	16.19	16.21	16.33	17.50
	Subtest 2	16.02	16.08	16.14	17.50
	Subtest 3	16.08	15.97	16.08	17.50
	Subtest 4	16.12	16.14	16.07	17.50
HSUPA	Subtest 1	16.11	16.25	16.40	17.50
	Subtest 2	14.69	14.60	14.87	16.00
	Subtest 3	15.26	15.22	15.56	16.50
	Subtest 4	14.02	14.28	14.27	15.50
	Subtest 5	16.14	16.30	16.41	17.50
DC-HSDPA	Subtest 1	16.17	16.34	16.37	17.50
	Subtest 2	16.00	16.26	16.36	17.50
	Subtest 3	16.07	15.94	16.06	17.50
	Subtest 4	16.13	15.92	16.16	17.50
HSPA+	16QAM	16.32	16.41	16.27	17.50

WCDMA Band II Sensor on(A)					
Average Conducted Power(dBm)					
	Channel	9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.67	19.72	19.75	21.50
	12.2kbps AMR	19.60	19.64	19.69	21.50
HSDPA	Subtest 1	19.16	19.31	19.31	20.50
	Subtest 2	19.03	19.16	19.14	20.50
	Subtest 3	19.10	18.86	19.24	20.50
	Subtest 4	19.15	19.07	19.10	20.50
HSUPA	Subtest 1	19.11	19.32	19.45	20.50
	Subtest 2	17.53	17.74	17.75	19.00
	Subtest 3	18.25	18.25	18.45	19.50
	Subtest 4	16.97	17.22	17.41	18.50
	Subtest 5	19.15	19.40	19.42	20.50
HSDPA	Subtest 1	19.29	19.36	19.24	20.50
	Subtest 2	19.09	19.24	19.21	20.50
	Subtest 3	19.24	18.89	19.14	20.50
	Subtest 4	19.04	19.05	19.20	20.50
HSPA+	16QAM	19.33	19.42	19.32	20.50

WCDMA Band IV Sensor off/Receiver off/Hotspot off					
Average Conducted Power(dBm)					
	Channel	1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.58	22.55	22.57	24.00
	12.2kbps AMR	22.52	22.49	22.51	24.00
HSDPA	Subtest 1	21.89	21.86	21.89	23.00
	Subtest 2	21.84	21.69	21.73	23.00
	Subtest 3	21.74	21.82	21.76	23.00
	Subtest 4	21.56	21.71	21.59	23.00
HSUPA	Subtest 1	21.86	21.71	21.82	23.00
	Subtest 2	20.25	20.18	20.29	21.50
	Subtest 3	20.74	20.87	20.62	22.00
	Subtest 4	19.63	19.68	19.51	21.00
	Subtest 5	21.82	21.73	21.78	23.00
DC-HSDPA	Subtest 1	21.89	21.82	21.90	23.00
	Subtest 2	21.79	21.76	21.65	23.00
	Subtest 3	21.74	21.79	21.83	23.00
	Subtest 4	21.49	21.65	21.56	23.00
HSPA+	16QAM	21.93	21.89	22.00	23.00

WCDMA Band IV Receiver on&Receiver on+WLAN					
Average Conducted Power(dBm)					
	Channel	1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.09	17.18	17.19	18.50
	12.2kbps AMR	17.02	17.13	17.14	18.50
HSDPA	Subtest 1	16.61	16.56	16.57	17.50
	Subtest 2	16.59	16.30	16.39	17.50
	Subtest 3	16.46	16.51	16.50	17.50
	Subtest 4	16.19	16.33	16.30	17.50
HSUPA	Subtest 1	16.56	16.37	16.51	17.50
	Subtest 2	14.90	14.88	14.96	16.00
	Subtest 3	15.48	15.56	15.24	16.50
	Subtest 4	14.30	14.36	14.12	15.50
	Subtest 5	16.50	16.46	16.50	17.50
DC-HSDPA	Subtest 1	16.57	16.49	16.63	17.50
	Subtest 2	16.41	16.44	16.34	17.50
	Subtest 3	16.47	16.46	16.56	17.50
	Subtest 4	16.18	16.28	16.30	17.50
HSPA+	16QAM	16.67	16.62	16.73	17.50

WCDMA Band IV Hotspot on&Sensor on+WLAN&Sensor off+WLAN					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.08	20.05	20.11	21.50
	12.2kbps AMR	20.02	20.00	20.35	21.50
HSDPA	Subtest 1	19.44	19.41	19.40	20.50
	Subtest 2	19.39	19.10	19.21	20.50
	Subtest 3	19.33	19.24	19.19	20.50
	Subtest 4	18.96	19.24	19.15	20.50
HSUPA	Subtest 1	19.45	19.19	19.37	20.50
	Subtest 2	17.85	17.69	17.82	19.00
	Subtest 3	18.27	18.34	18.19	19.50
	Subtest 4	17.04	17.27	17.01	18.50
DC-HSDPA	Subtest 5	19.41	19.23	19.19	20.50
	Subtest 1	19.30	19.35	19.47	20.50
	Subtest 2	19.20	19.26	19.14	20.50
	Subtest 3	19.18	19.30	19.33	20.50
HSPA+	Subtest 4	18.89	19.12	19.15	20.50
	16QAM	19.41	19.36	19.55	20.50

WCDMA Band IV Sensor on(A)					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.58	20.48	20.68	22.00
	12.2kbps AMR	20.52	20.41	20.42	22.00
HSDPA	Subtest 1	19.91	19.78	19.81	21.00
	Subtest 2	19.77	19.77	19.66	21.00
	Subtest 3	19.59	19.72	19.64	21.00
	Subtest 4	19.52	19.70	19.59	21.00
HSUPA	Subtest 1	19.77	19.79	19.85	21.00
	Subtest 2	18.10	18.05	18.35	19.50
	Subtest 3	18.79	18.74	18.49	20.00
	Subtest 4	17.72	17.64	17.48	19.00
HSDPA	Subtest 5	19.74	19.60	19.85	21.00
	Subtest 1	19.76	19.83	20.00	21.00
	Subtest 2	19.71	19.72	19.60	21.00
	Subtest 3	19.72	19.66	19.76	21.00
HSPA+	Subtest 4	19.58	19.63	19.66	21.00
	16QAM	19.93	19.74	20.06	21.00

WCDMA Band V Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.63	23.68	23.75	25.00
	12.2kbps AMR	23.54	23.60	23.69	25.00
HSDPA	Subtest 1	22.80	22.81	22.81	24.00
	Subtest 2	22.73	22.63	22.66	24.00
	Subtest 3	22.65	22.73	22.69	24.00
	Subtest 4	22.51	22.66	22.50	24.00
HSUPA	Subtest 1	22.78	22.61	22.76	24.00
	Subtest 2	21.18	21.07	21.24	22.50
	Subtest 3	21.68	21.79	21.57	23.00
	Subtest 4	20.52	20.58	20.42	22.00
DC-HSDPA	Subtest 5	22.76	22.67	22.73	24.00
	Subtest 1	22.83	22.79	22.79	24.00
	Subtest 2	22.74	22.70	22.58	24.00
	Subtest 3	22.65	22.73	22.76	24.00
HSPA+	Subtest 4	22.39	22.58	22.48	24.00
	16QAM	22.86	22.82	22.92	24.00

WCDMA Band V Receiver on&Receiver on+WLAN					
Average Conducted Power(dBm)					
	Channel	4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.08	19.10	19.12	20.50
	12.2kbps AMR	19.01	19.02	19.07	20.50
HSDPA	Subtest 1	18.29	18.34	18.33	19.50
	Subtest 2	18.28	18.15	18.13	19.50
	Subtest 3	18.12	18.32	18.20	19.50
	Subtest 4	18.02	18.15	17.94	19.50
HSPA	Subtest 1	18.23	18.16	18.27	19.50
	Subtest 2	16.64	16.66	16.64	18.00
	Subtest 3	17.20	17.39	17.08	18.50
	Subtest 4	15.97	16.07	15.95	17.50
	Subtest 5	18.23	18.27	18.18	19.50
DC-HSDPA	Subtest 1	18.36	18.28	18.23	19.50
	Subtest 2	18.18	18.18	17.98	19.50
	Subtest 3	18.20	18.12	18.26	19.50
	Subtest 4	17.80	18.17	17.98	19.50
HSPA+	16QAM	18.43	18.38	18.44	19.50

Table 2: Conducted Power of WCDMA

1.3 Conducted Power of LTE

LTE Band 2 Sensor off/Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.18	22.26	22.29	24.00
		1	2	22.17	22.15	22.23	24.00
		1	5	22.33	22.26	22.14	24.00
		3	0	22.31	22.31	22.31	24.00
		3	2	22.31	22.27	22.37	24.00
		3	3	22.26	22.16	22.27	24.00
		6	0	21.28	21.27	21.33	23.00
	16QAM	1	0	21.32	21.63	21.73	23.00
		1	2	21.43	21.46	21.29	23.00
		1	5	21.32	21.66	21.72	23.00
		3	0	21.15	21.26	21.15	23.00
		3	2	21.32	21.20	21.29	23.00
		3	3	21.35	21.06	21.37	23.00
		6	0	20.22	20.28	20.53	22.00
	64QAM	1	0	20.25	20.42	20.42	22.00
		1	2	20.38	20.22	20.32	22.00
		1	5	20.44	20.33	20.33	22.00
		3	0	20.37	20.51	20.41	22.00
		3	2	20.37	20.42	20.59	22.00
		3	3	20.36	20.32	20.41	22.00
		6	0	19.63	19.62	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	22.34	22.29	22.37	24.00
		1	7	22.21	22.22	22.36	24.00
		1	14	22.34	22.19	22.39	24.00
		8	0	21.28	21.26	21.36	23.00
		8	4	21.24	21.25	21.28	23.00
		8	7	21.25	21.22	21.36	23.00
		15	0	21.30	21.22	21.38	23.00
	16QAM	1	0	21.72	21.74	21.65	23.00
		1	7	21.67	21.16	21.30	23.00
		1	14	21.61	21.57	21.72	23.00
		8	0	20.32	20.24	20.48	22.00
		8	4	20.42	20.25	20.48	22.00
		8	7	20.37	20.34	20.37	22.00
		15	0	20.39	20.18	20.40	22.00
	64QAM	1	0	20.74	20.79	20.79	22.00
		1	7	20.59	20.68	20.78	22.00
		1	14	20.70	20.63	20.78	22.00
		8	0	19.69	19.62	19.75	21.00
		8	4	19.63	19.61	19.64	21.00
		8	7	19.64	19.60	19.77	21.00
		15	0	19.77	19.58	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.23	22.40	22.41	24.00
		1	13	22.34	22.39	22.51	24.00
		1	24	22.26	22.37	22.43	24.00
		12	0	21.24	21.29	21.45	23.00
		12	6	21.31	21.33	21.41	23.00
		12	13	21.28	21.28	21.35	23.00
		25	0	21.28	21.28	21.43	23.00
	16QAM	1	0	21.47	21.31	21.62	23.00
		1	13	21.63	21.44	21.83	23.00
		1	24	21.50	21.27	21.48	23.00
		12	0	20.23	20.31	20.43	22.00
		12	6	20.26	20.29	20.40	22.00

	64QAM	12	13	20.27	20.24	20.43	22.00
		25	0	20.30	20.23	20.29	22.00
		1	0	20.40	20.52	20.61	22.00
		1	13	20.47	20.51	20.61	22.00
		1	24	20.38	20.44	20.59	22.00
		12	0	19.60	19.78	19.88	21.00
		12	6	19.69	19.75	19.90	21.00
		12	13	19.75	19.68	19.71	21.00
		25	0	19.64	19.73	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.31	22.40	22.49	24.00
		1	25	22.23	22.27	22.48	24.00
		1	49	22.26	22.26	22.35	24.00
		25	0	21.33	21.34	21.51	23.00
		25	13	21.34	21.32	21.41	23.00
		25	25	21.28	21.23	21.41	23.00
		50	0	21.30	21.33	21.49	23.00
	16QAM	1	0	21.30	21.57	21.78	23.00
		1	25	21.72	21.40	21.85	23.00
		1	49	21.44	21.66	21.86	23.00
		25	0	20.25	20.39	20.49	22.00
		25	13	20.35	20.32	20.40	22.00
		25	25	20.29	20.28	20.39	22.00
		50	0	20.37	20.28	20.48	22.00
	64QAM	1	0	20.46	20.63	20.66	22.00
		1	25	20.44	20.36	20.65	22.00
		1	49	20.42	20.32	20.58	22.00
		25	0	19.77	19.73	19.87	21.00
		25	13	19.80	19.81	19.86	21.00
		25	25	19.71	19.64	19.86	21.00
		50	0	19.71	19.80	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.38	22.27	22.20	24.00
		1	38	22.40	22.42	22.37	24.00
		1	74	22.41	22.22	22.24	24.00
		36	0	21.30	21.32	21.48	23.00
		36	18	21.28	21.23	21.41	23.00
		36	39	21.33	21.22	21.35	23.00
		75	0	21.36	21.27	21.46	23.00
	16QAM	1	0	21.19	21.48	21.41	23.00
		1	38	21.47	21.33	21.78	23.00
		1	74	21.16	21.67	21.46	23.00
		36	0	20.32	20.29	20.46	22.00
		36	18	20.27	20.32	20.47	22.00
		36	39	20.36	20.22	20.42	22.00
		75	0	20.29	20.26	20.47	22.00
	64QAM	1	0	20.59	20.42	20.38	22.00
		1	38	20.55	20.56	20.52	22.00
		1	74	20.57	20.31	20.30	22.00
		36	0	19.67	19.74	19.84	21.00
		36	18	19.63	19.64	19.78	21.00
		36	39	19.81	19.67	19.84	21.00
		75	0	19.74	19.70	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.31	22.32	22.14	24.00
		1	50	22.33	22.36	22.36	24.00
		1	99	22.17	22.24	22.24	24.00
		50	0	21.34	21.30	21.41	23.00
		50	25	21.40	21.37	21.39	23.00
		50	50	21.30	21.28	21.27	23.00
		100	0	21.24	21.29	21.35	23.00
	16QAM	1	0	21.38	21.70	21.28	23.00
		1	50	21.54	21.69	21.47	23.00
		1	99	21.71	21.70	21.35	23.00

		50	0	20.29	20.31	20.36	22.00
		50	25	20.38	20.27	20.33	22.00
		50	50	20.34	20.29	20.24	22.00
		100	0	20.26	20.28	20.35	22.00
	64QAM	1	0	20.37	20.46	20.33	22.00
		1	50	20.48	20.52	20.50	22.00
		1	99	20.30	20.36	20.27	22.00
		50	0	19.70	19.76	19.85	21.00
		50	25	19.84	19.86	19.78	21.00
		50	50	19.70	19.67	19.74	21.00
		100	0	19.62	19.68	19.78	21.00

LTE Band 2 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	18607	18900	19193	17.00
		1	2	15.12	15.11	15.21	17.00
		1	5	15.20	15.23	15.32	17.00
		3	0	15.18	15.11	15.14	17.00
		3	2	15.21	15.21	15.25	17.00
		3	3	15.28	15.19	15.30	17.00
	16QAM	3	3	15.24	15.19	15.20	17.00
		6	0	15.25	15.21	15.28	17.00
		1	0	15.30	15.08	15.27	17.00
		1	2	15.30	15.29	15.31	17.00
		1	5	15.28	15.09	15.27	17.00
		3	0	15.27	15.21	15.10	17.00
	64QAM	3	2	15.22	15.11	15.14	17.00
		3	3	15.17	15.28	15.27	17.00
		6	0	15.20	15.20	15.24	17.00
		1	0	15.10	15.07	15.16	17.00
		1	2	15.22	15.25	15.33	17.00
		1	5	15.16	15.07	15.14	17.00
3MHz	QPSK	3	0	15.26	15.21	15.20	17.00
		3	2	15.26	15.16	15.36	17.00
		3	3	15.20	15.24	15.23	17.00
		6	0	15.30	15.22	15.30	17.00
	16QAM	1	0	18615	18900	19185	17.00
		1	7	15.16	15.21	15.32	17.00
		1	14	15.17	15.11	15.31	17.00
		8	0	15.21	15.21	15.26	17.00
		8	4	15.22	15.22	15.30	17.00
		8	7	15.26	15.21	15.29	17.00
	64QAM	8	0	15.15	15.17	15.28	17.00
		15	0	15.19	15.24	15.36	17.00
		1	0	15.22	15.12	15.34	17.00
		1	7	15.19	15.10	15.10	17.00
		1	14	15.06	15.14	15.20	17.00
		8	0	15.32	15.33	15.24	17.00
5MHz	QPSK	8	4	15.31	15.25	15.29	17.00
		8	7	15.30	15.29	15.31	17.00
		15	0	15.23	15.28	15.26	17.00
		1	0	15.24	15.17	15.31	17.00
		1	7	15.20	15.18	15.30	17.00
		1	14	15.23	15.20	15.29	17.00
	QPSK	8	0	15.27	15.19	15.29	17.00
		8	4	15.23	15.24	15.34	17.00
		8	7	15.10	15.19	15.27	17.00
		15	0	15.21	15.20	15.38	17.00
	QPSK	1	0	18625	18900	19175	17.00
		1	13	15.34	15.31	15.43	17.00
		1	24	15.30	15.14	15.41	17.00

		12	0	15.25	15.24	15.41	17.00
		12	6	15.24	15.23	15.38	17.00
		12	13	15.25	15.27	15.35	17.00
		25	0	15.27	15.30	15.32	17.00
	16QAM	1	0	15.20	15.18	15.19	17.00
		1	13	15.37	15.16	15.08	17.00
		1	24	15.39	15.23	15.24	17.00
		12	0	15.23	15.25	15.42	17.00
		12	6	15.19	15.28	15.38	17.00
		12	13	15.25	15.32	15.37	17.00
		25	0	15.20	15.35	15.34	17.00
	64QAM	1	0	15.33	15.30	15.46	17.00
		1	13	15.32	15.20	15.36	17.00
		1	24	15.23	15.27	15.29	17.00
		12	0	15.28	15.25	15.38	17.00
		12	6	15.27	15.25	15.44	17.00
		12	13	15.32	15.25	15.38	17.00
		25	0	15.25	15.37	15.32	17.00
		25	0	15.25	15.37	15.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	15.31	15.24	15.36	17.00
		1	25	15.09	15.18	15.34	17.00
		1	49	15.17	15.18	15.36	17.00
		25	0	15.21	15.27	15.48	17.00
		25	13	15.27	15.22	15.36	17.00
		25	25	15.27	15.23	15.35	17.00
	16QAM	50	0	15.31	15.22	15.46	17.00
		1	0	15.25	15.37	15.46	17.00
		1	25	15.23	15.47	15.36	17.00
		1	49	15.35	15.22	15.35	17.00
		25	0	15.21	15.31	15.46	17.00
		25	13	15.25	15.28	15.40	17.00
	64QAM	25	25	15.29	15.26	15.46	17.00
		50	0	15.26	15.31	15.31	17.00
		1	0	15.37	15.31	15.33	17.00
		1	25	15.07	15.16	15.41	17.00
		1	49	15.23	15.23	15.41	17.00
		25	0	15.29	15.22	15.45	17.00
		25	13	15.34	15.30	15.44	17.00
		25	25	15.24	15.29	15.40	17.00
		50	0	15.27	15.21	15.50	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	15.13	15.32	15.22	17.00
		1	38	15.16	15.28	15.30	17.00
		1	74	15.16	15.15	15.22	17.00
		36	0	15.16	15.27	15.41	17.00
		36	18	15.24	15.15	15.35	17.00
		36	39	15.27	15.15	15.33	17.00
	16QAM	75	0	15.21	15.19	15.35	17.00
		1	0	15.37	15.38	15.30	17.00
		1	38	15.28	15.32	15.00	17.00
		1	74	15.40	15.33	15.36	17.00
		36	0	15.17	15.34	15.40	17.00
		36	18	15.30	15.23	15.40	17.00
		36	39	15.32	15.16	15.34	17.00
		75	0	15.29	15.20	15.39	17.00
	64QAM	1	0	15.14	15.36	15.29	17.00
		1	38	15.24	15.34	15.35	17.00
		1	74	15.16	15.11	15.24	17.00
		36	0	15.21	15.24	15.41	17.00
		36	18	15.29	15.23	15.34	17.00
		36	39	15.30	15.19	15.33	17.00
		75	0	15.22	15.24	15.35	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	15.20	15.17	15.09	17.00

		1	50	15.23	15.29	15.28	17.00
		1	99	15.20	15.24	15.15	17.00
		50	0	15.29	15.30	15.40	17.00
		50	25	15.34	15.46	15.46	17.00
		50	50	15.29	15.24	15.29	17.00
		100	0	15.29	15.23	15.39	17.00
	16QAM	1	0	15.31	15.29	15.36	17.00
		1	50	15.19	15.42	15.25	17.00
		1	99	15.35	15.38	15.36	17.00
		50	0	15.25	15.32	15.43	17.00
		50	25	15.31	15.25	15.39	17.00
		50	50	15.30	15.22	15.32	17.00
		100	0	15.23	15.20	15.31	17.00
	64QAM	1	0	15.27	15.12	15.14	17.00
		1	50	15.25	15.35	15.27	17.00
		1	99	15.25	15.27	15.21	17.00
		50	0	15.31	15.37	15.47	17.00
		50	25	15.37	15.53	15.40	17.00
		50	50	15.26	15.31	15.27	17.00
		100	0	15.30	15.24	15.40	17.00

LTE Band 2 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	16.73	16.67	16.81	18.50
		1	2	16.93	16.61	16.85	18.50
		1	5	16.60	16.73	16.81	18.50
		3	0	16.93	16.83	16.91	18.50
		3	2	16.58	16.75	16.92	18.50
		3	3	16.64	16.68	16.91	18.50
		6	0	16.88	16.69	16.88	18.50
	16QAM	1	0	16.53	16.84	16.72	18.50
		1	2	16.67	16.61	16.85	18.50
		1	5	16.82	16.82	16.84	18.50
		3	0	16.79	16.77	16.89	18.50
		3	2	16.92	16.62	16.73	18.50
		3	3	16.84	16.62	16.90	18.50
		6	0	16.74	16.58	16.74	18.50
	64QAM	1	0	16.77	16.62	16.80	18.50
		1	2	17.01	16.57	16.83	18.50
		1	5	16.66	16.79	16.89	18.50
		3	0	16.91	16.86	16.88	18.50
		3	2	16.66	16.79	16.98	18.50
		3	3	16.63	16.71	16.89	18.50
		6	0	16.89	16.66	16.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	16.68	16.81	16.82	18.50
		1	7	16.88	16.70	16.78	18.50
		1	14	16.72	16.78	16.77	18.50
		8	0	16.98	16.82	16.89	18.50
		8	4	16.66	16.84	16.81	18.50
		8	7	16.74	16.75	16.77	18.50
		15	0	16.82	16.63	16.92	18.50
	16QAM	1	0	16.53	16.78	16.71	18.50
		1	7	16.74	16.67	16.80	18.50
		1	14	16.77	16.79	16.90	18.50
		8	0	16.67	16.85	16.85	18.50
		8	4	16.90	16.63	16.89	18.50
		8	7	16.79	16.72	16.82	18.50
		15	0	16.79	16.72	16.92	18.50
	64QAM	1	0	16.75	16.81	16.90	18.50
		1	7	16.84	16.70	16.77	18.50
		1	14	16.69	16.85	16.82	18.50

		8	0	16.99	16.90	16.85	18.50
		8	4	16.73	16.86	16.85	18.50
		8	7	16.70	16.71	16.80	18.50
		15	0	16.87	16.58	16.88	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.64	16.87	16.87	18.50
		1	13	16.78	16.65	16.74	18.50
		1	24	16.71	16.76	16.80	18.50
		12	0	16.93	16.78	17.02	18.50
		12	6	16.60	16.77	16.76	18.50
		12	13	16.76	16.72	16.85	18.50
		25	0	16.82	16.64	16.84	18.50
	16QAM	1	0	16.64	16.98	16.74	18.50
		1	13	16.67	16.69	16.81	18.50
		1	24	16.93	16.90	16.99	18.50
		12	0	16.78	16.75	16.74	18.50
		12	6	16.85	16.67	16.78	18.50
		12	13	16.75	16.67	16.81	18.50
		25	0	16.85	16.61	17.02	18.50
	64QAM	1	0	16.67	16.91	16.87	18.50
		1	13	16.74	16.64	16.69	18.50
		1	24	16.78	16.73	16.78	18.50
		12	0	16.97	16.82	16.99	18.50
		12	6	16.66	16.75	16.76	18.50
		12	13	16.74	16.74	16.93	18.50
		25	0	16.85	16.66	16.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.73	16.77	16.82	18.50
		1	25	16.84	16.70	16.75	18.50
		1	49	16.67	16.68	16.78	18.50
		25	0	16.96	16.75	16.95	18.50
		25	13	16.68	16.75	16.85	18.50
		25	25	16.74	16.74	16.83	18.50
		50	0	16.78	16.70	16.85	18.50
	16QAM	1	0	16.54	16.90	16.73	18.50
		1	25	16.77	16.71	16.78	18.50
		1	49	16.95	16.84	16.94	18.50
		25	0	16.76	16.79	16.80	18.50
		25	13	16.82	16.65	16.79	18.50
		25	25	16.75	16.70	16.83	18.50
		50	0	16.77	16.66	16.95	18.50
	64QAM	1	0	16.70	16.85	16.82	18.50
		1	25	16.83	16.74	16.76	18.50
		1	49	16.64	16.64	16.85	18.50
		25	0	16.91	16.72	16.99	18.50
		25	13	16.63	16.76	16.83	18.50
		25	25	16.77	16.72	16.82	18.50
		50	0	16.73	16.65	16.90	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	16.66	16.65	16.69	18.50
		1	38	16.81	16.69	16.91	18.50
		1	74	16.58	16.57	16.83	18.50
		36	0	16.71	16.78	16.85	18.50
		36	18	16.67	16.63	16.89	18.50
		36	39	16.72	16.65	16.75	18.50
		75	0	16.78	16.65	16.88	18.50
	16QAM	1	0	16.86	16.88	16.76	18.50
		1	38	16.70	16.89	16.54	18.50
		1	74	16.78	16.60	16.80	18.50
		36	0	16.71	16.70	16.54	18.50
		36	18	16.71	16.75	16.90	18.50
		36	39	16.76	16.67	16.82	18.50
		75	0	16.79	16.70	16.90	18.50
	64QAM	1	0	16.71	16.70	16.71	18.50

		1	38	16.84	16.77	16.89	18.50
		1	74	16.61	16.54	16.89	18.50
		36	0	16.72	16.75	16.83	18.50
		36	18	16.66	16.66	16.84	18.50
		36	39	16.68	16.67	16.80	18.50
		75	0	16.84	16.73	16.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.66	16.72	16.54	18.50
		1	50	16.83	16.78	16.78	18.50
		1	99	16.67	16.77	16.57	18.50
		50	0	16.76	16.77	16.81	18.50
		50	25	16.84	16.89	16.89	18.50
		50	50	16.83	16.79	16.66	18.50
		100	0	16.76	16.77	16.77	18.50
	16QAM	1	0	16.66	16.58	16.74	18.50
		1	50	16.60	16.69	16.73	18.50
		1	99	16.59	16.79	16.84	18.50
		50	0	16.71	16.73	16.77	18.50
		50	25	16.84	16.72	16.78	18.50
		50	50	16.72	16.72	16.65	18.50
		100	0	16.71	16.72	16.73	18.50
	64QAM	1	0	16.70	16.67	16.56	18.50
		1	50	16.88	16.75	16.86	18.50
		1	99	16.65	16.84	16.56	18.50
		50	0	16.82	16.76	16.86	18.50
		50	25	16.89	16.92	16.94	18.50
		50	50	16.90	16.80	16.62	18.50
		100	0	16.80	16.80	16.73	18.50

LTE Band 2 Sensor on(A)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.82	19.83	19.98	21.50
		1	2	19.73	19.81	19.87	21.50
		1	5	19.76	19.57	19.72	21.50
		3	0	19.77	19.75	19.92	21.50
		3	2	19.79	19.75	19.83	21.50
		3	3	19.74	19.87	19.72	21.50
		6	0	19.9	19.66	19.67	21.50
	16QAM	1	0	19.7	19.62	19.92	21.50
		1	2	19.82	19.88	19.78	21.50
		1	5	19.74	19.77	19.93	21.50
		3	0	19.66	19.76	19.76	21.50
		3	2	19.81	19.84	19.97	21.50
		3	3	19.85	19.76	19.68	21.50
		6	0	19.85	19.8	19.91	21.50
	64QAM	1	0	19.88	19.89	20.05	21.50
		1	2	19.72	19.78	19.86	21.50
		1	5	19.82	19.52	19.72	21.50
		3	0	19.79	19.71	19.88	21.00
		3	2	19.82	19.78	19.89	21.00
		3	3	19.69	19.87	19.74	21.00
		6	0	19.92	19.63	19.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.7	19.67	19.5	21.50
		1	7	19.65	19.97	19.82	21.50

		1	14	19.73	19.68	19.67	21.50
		8	0	19.75	19.7	19.95	21.50
		8	4	19.83	19.9	19.92	21.50
		8	7	19.79	19.85	19.66	21.50
		15	0	19.95	19.81	19.67	21.50
	16QAM	1	0	19.8	19.67	19.95	21.50
		1	7	19.81	19.86	19.77	21.50
		1	14	19.78	19.71	19.77	21.50
		8	0	19.68	19.74	19.74	21.50
		8	4	19.78	19.9	19.83	21.50
		8	7	19.93	19.77	19.82	21.50
		15	0	19.96	19.69	19.71	21.50
	64QAM	1	0	19.78	19.72	19.55	21.50
		1	7	19.64	20.00	19.88	21.50
		1	14	19.70	19.71	19.66	21.50
		8	0	19.83	19.65	19.98	21.00
		8	4	19.87	19.92	20.00	21.00
		8	7	19.82	19.86	19.68	21.00
		15	0	20.03	19.84	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.84	19.8	19.61	21.50
		1	13	19.92	19.91	19.76	21.50
		1	24	19.81	19.69	19.65	21.50
		12	0	19.86	19.83	19.86	21.50
		12	6	19.74	19.84	19.8	21.50
		12	13	19.83	19.72	19.78	21.50
		25	0	19.88	19.64	19.76	21.50
		25	0	19.88	19.64	19.76	21.50
	16QAM	1	0	19.75	19.67	19.82	21.50
		1	13	19.86	19.82	19.81	21.50
		1	24	19.64	19.73	19.82	21.50
		12	0	19.79	19.79	19.64	21.50
		12	6	19.88	19.82	19.86	21.50
		12	13	19.91	19.79	19.74	21.50
		25	0	19.9	19.65	19.8	21.50
	64QAM	1	0	19.88	19.84	19.67	21.50
		1	13	19.91	19.97	19.74	21.50
		1	24	19.80	19.73	19.61	21.50
		12	0	19.84	19.79	19.90	21.00
		12	6	19.81	19.86	19.82	21.00
		12	13	19.87	19.76	19.81	21.00
		25	0	19.84	19.68	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.77	19.76	19.64	21.50
		1	25	19.74	19.73	19.71	21.50
		1	49	19.68	19.7	19.62	21.50
		25	0	19.71	19.79	19.81	21.50
		25	13	19.91	19.79	19.92	21.50
		25	25	19.86	19.76	19.64	21.50
		50	0	19.8	19.69	19.79	21.50
		50	0	19.8	19.69	19.79	21.50
	16QAM	1	0	19.85	19.61	19.85	21.50
		1	25	19.8	19.9	19.71	21.50
		1	49	19.67	19.74	19.76	21.50
		25	0	19.66	19.71	19.79	21.50

		25	13	19.87	19.88	19.88	21.50
		25	25	19.84	19.79	19.77	21.50
		50	0	19.89	19.7	19.73	21.50
	64QAM	1	0	19.76	19.72	19.60	21.50
		1	25	19.78	19.75	19.72	21.50
		1	49	19.64	19.75	19.63	21.50
		25	0	19.72	19.78	19.81	21.00
		25	13	19.96	19.76	19.99	21.00
		25	25	19.91	19.71	19.63	21.00
		50	0	19.76	19.67	19.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.79	19.8	19.54	21.50
		1	38	19.63	19.75	19.78	21.50
		1	74	19.87	19.75	19.64	21.50
		36	0	19.73	19.66	19.82	21.50
		36	18	19.91	19.89	19.8	21.50
		36	39	19.73	19.77	19.81	21.50
		75	0	19.77	19.67	19.75	21.50
	16QAM	1	0	19.82	19.74	19.89	21.50
		1	38	19.7	19.75	19.8	21.50
		1	74	19.82	19.87	19.78	21.50
		36	0	19.76	19.71	19.82	21.50
		36	18	19.86	19.9	19.84	21.50
		36	39	19.77	19.72	19.65	21.50
		75	0	19.82	19.77	19.84	21.50
	64QAM	1	0	19.80	19.88	19.51	21.50
		1	38	19.68	19.81	19.74	21.50
		1	74	19.87	19.79	19.68	21.50
		36	0	19.72	19.65	19.87	21.00
		36	18	19.89	19.96	19.81	21.00
		36	39	19.69	19.74	19.83	21.00
		75	0	19.76	19.66	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.74	19.74	19.59	21.50
		1	50	19.71	19.82	19.77	21.50
		1	99	19.78	19.67	19.71	21.50
		50	0	19.80	19.76	19.91	21.50
		50	25	19.84	19.85	19.88	21.50
		50	50	19.79	19.78	19.74	21.50
		100	0	19.86	19.74	19.74	21.50
	16QAM	1	0	19.76	19.69	19.89	21.50
		1	50	19.79	19.80	19.73	21.50
		1	99	19.72	19.77	19.83	21.50
		50	0	19.75	19.81	19.72	21.50
		50	25	19.81	19.80	19.90	21.50
		50	50	19.87	19.78	19.75	21.50
		100	0	19.86	19.75	19.81	21.50
	64QAM	1	0	19.73	19.82	19.64	21.50
		1	50	19.77	19.79	19.80	21.50
		1	99	19.81	19.66	19.68	21.50
		50	0	19.88	19.83	19.96	21.00
		50	25	19.81	19.84	19.94	21.00
		50	50	19.86	19.85	19.82	21.00

		100	0	19.91	19.70	19.78	21.00
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LTE Band 4 Sensor off/Receiver 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	22.54	22.69	22.96	24.00
		1	2	22.59	22.66	23.09	24.00
		1	5	22.58	22.78	22.92	24.00
		3	0	22.73	22.72	22.78	24.00
		3	2	22.66	22.75	22.88	24.00
		3	3	22.67	22.70	22.78	24.00
		6	0	21.73	21.77	21.83	23.00
	16QAM	1	0	21.58	21.98	22.31	23.00
		1	2	22.28	22.04	22.19	23.00
		1	5	21.82	22.43	22.09	23.00
		3	0	21.70	21.72	21.87	23.00
		3	2	21.75	21.52	21.93	23.00
		3	3	21.85	21.70	21.75	23.00
		6	0	20.77	20.88	20.93	22.00
	64QAM	1	0	20.75	20.86	21.14	22.00
		1	2	20.91	20.88	21.32	22.00
		1	5	20.78	21.04	21.17	22.00
		3	0	21.08	20.90	21.07	22.00
		3	2	21.00	20.95	21.09	22.00
		3	3	20.90	20.95	20.98	22.00
		6	0	19.92	20.04	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.76	22.78	22.87	24.00
		1	7	22.84	22.79	22.89	24.00
		1	14	22.87	22.69	22.91	24.00
		8	0	21.73	21.68	21.86	23.00
		8	4	21.65	21.70	21.83	23.00
		8	7	21.65	21.70	21.82	23.00
		15	0	21.73	21.68	21.89	23.00
	16QAM	1	0	22.20	22.37	22.32	23.00
		1	7	22.10	22.50	22.35	23.00
		1	14	22.14	21.95	22.12	23.00
		8	0	20.66	20.74	21.04	22.00
		8	4	20.74	20.81	20.80	22.00
		8	7	20.69	20.75	20.94	22.00
		15	0	20.73	20.61	20.91	22.00
	64QAM	1	0	20.98	20.96	21.16	22.00
		1	7	21.04	21.10	21.06	22.00
		1	14	21.20	20.89	21.20	22.00
		8	0	20.02	19.96	20.16	21.00
		8	4	19.90	19.96	20.14	21.00
		8	7	19.90	19.94	20.11	21.00
		15	0	19.99	20.01	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	22.72	22.66	22.88	24.00
		1	13	22.68	22.71	22.95	24.00
		1	24	22.66	22.69	22.83	24.00
		12	0	21.77	21.73	21.84	23.00
		12	6	21.72	21.75	21.87	23.00
		12	13	21.66	21.76	21.76	23.00
		25	0	21.73	21.75	21.82	23.00
	16QAM	1	0	22.27	22.36	22.11	23.00
		1	13	22.04	22.47	21.82	23.00
		1	24	21.62	21.94	21.87	23.00
		12	0	20.67	20.70	20.84	22.00
		12	6	20.71	20.76	20.77	22.00
		12	13	20.60	20.77	20.80	22.00
		25	0	20.77	20.78	20.78	22.00
	64QAM	1	0	20.98	21.01	21.18	22.00
		1	13	20.92	20.89	21.16	22.00
		1	24	21.01	20.98	21.15	22.00
		12	0	20.03	20.06	20.11	21.00
		12	6	20.04	20.02	20.11	21.00
		12	13	19.90	20.02	20.11	21.00
		25	0	20.06	20.09	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	22.83	22.71	22.91	24.00
		1	25	22.67	22.84	22.84	24.00
		1	49	22.78	22.67	23.02	24.00
		25	0	21.80	21.67	21.93	23.00
		25	13	21.68	21.76	21.85	23.00
		25	25	21.65	21.78	21.85	23.00
		50	0	21.73	21.73	21.84	23.00
	16QAM	1	0	21.88	21.77	21.58	23.00
		1	25	22.19	22.42	22.37	23.00
		1	49	21.69	22.23	21.65	23.00
		25	0	20.77	20.65	20.80	22.00
		25	13	20.66	20.76	20.72	22.00
		25	25	20.54	20.73	20.81	22.00
		50	0	20.65	20.67	20.76	22.00
	64QAM	1	0	21.05	20.93	21.14	22.00
		1	25	20.85	21.05	21.10	22.00
		1	49	21.09	20.87	21.32	22.00
		25	0	20.02	19.94	20.25	21.00
		25	13	19.88	20.03	20.12	21.00
		25	25	19.85	20.10	20.13	21.00
		50	0	19.96	19.99	20.03	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	23.03	22.71	22.88	24.00
		1	38	22.74	22.69	23.06	24.00
		1	74	22.89	22.67	22.72	24.00
		36	0	21.66	21.70	21.85	23.00
		36	18	21.69	21.75	21.77	23.00

	16QAM	36	39	21.68	21.73	21.74	23.00
		75	0	21.70	21.75	21.82	23.00
		1	0	22.00	21.92	22.16	23.00
		1	38	22.22	22.39	22.28	23.00
		1	74	21.75	21.80	22.42	23.00
		36	0	20.72	20.61	20.80	22.00
		36	18	20.66	20.70	20.78	22.00
		36	39	20.65	20.77	20.73	22.00
	64QAM	75	0	20.75	20.68	20.75	22.00
		1	0	21.36	20.96	21.06	22.00
		1	38	20.93	20.91	21.35	22.00
		1	74	21.11	20.89	20.98	22.00
		36	0	19.97	19.89	20.17	21.00
		36	18	19.96	20.00	19.96	21.00
		36	39	19.91	20.06	20.03	21.00
		75	0	19.91	20.05	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.69	22.63	22.72	24.00
		1	50	22.79	22.79	22.69	24.00
		1	99	22.70	22.68	22.70	24.00
		50	0	21.81	21.64	21.82	23.00
		50	25	21.74	21.75	21.82	23.00
		50	50	21.82	21.80	21.71	23.00
		100	0	21.83	21.73	21.69	23.00
	16QAM	1	0	21.71	21.55	22.42	23.00
		1	50	22.25	21.80	21.57	23.00
		1	99	21.95	21.74	22.26	23.00
		50	0	20.78	20.55	20.74	22.00
		50	25	20.65	20.77	20.77	22.00
		50	50	20.71	20.78	20.68	22.00
		100	0	20.79	20.69	20.73	22.00
	64QAM	1	0	20.94	20.89	20.95	22.00
		1	50	20.96	20.98	20.99	22.00
		1	99	20.87	20.88	21.03	22.00
		50	0	19.98	19.81	20.08	21.00
		50	25	19.95	19.93	20.03	21.00
		50	50	20.00	19.98	20.03	21.00
		100	0	20.08	20.02	19.97	21.00

LTE Band 4 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.06	17.12	17.16	18.50
		1	2	17.18	17.15	17.31	18.50
		1	5	17.17	17.16	17.23	18.50
		3	0	17.19	17.13	17.28	18.50
		3	2	17.16	17.16	17.29	18.50
		3	3	17.17	17.36	17.35	18.50
		6	0	17.16	17.19	17.31	18.50
	16QAM	1	0	17.34	17.27	17.26	18.50

		1	2	17.35	17.28	17.24	18.50
		1	5	17.14	17.29	17.27	18.50
		3	0	17.07	17.15	17.24	18.50
		3	2	17.26	17.28	17.35	18.50
		3	3	17.10	17.15	17.20	18.50
		6	0	17.30	17.17	17.25	18.50
	64QAM	1	0	17.10	17.09	17.28	18.50
		1	2	17.17	17.17	17.36	18.50
		1	5	17.22	17.15	17.28	18.50
		3	0	17.18	17.25	17.26	18.50
		3	2	17.23	17.27	17.26	18.50
		3	3	17.18	17.33	17.42	18.50
		6	0	17.24	17.29	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.21	17.12	17.20	18.50
		1	7	17.08	17.24	17.19	18.50
		1	14	17.09	17.24	17.24	18.50
		8	0	17.16	17.20	17.27	18.50
		8	4	17.18	17.10	17.25	18.50
		8	7	17.16	17.19	17.29	18.50
		15	0	17.18	17.20	17.29	18.50
	16QAM	1	0	17.22	17.24	17.23	18.50
		1	7	17.24	17.24	17.18	18.50
		1	14	17.25	17.25	17.21	18.50
		8	0	17.19	17.15	17.19	18.50
		8	4	17.21	17.20	17.25	18.50
		8	7	17.11	17.24	17.20	18.50
		15	0	17.13	17.16	17.23	18.50
	64QAM	1	0	17.25	17.17	17.30	18.50
		1	7	17.13	17.32	17.25	18.50
		1	14	17.07	17.20	17.33	18.50
		8	0	17.20	17.25	17.33	18.50
		8	4	17.27	17.15	17.32	18.50
		8	7	17.24	17.15	17.24	18.50
		15	0	17.17	17.29	17.29	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.16	17.16	17.26	18.50
		1	13	17.16	17.29	17.35	18.50
		1	24	17.06	17.13	17.36	18.50
		12	0	17.19	17.14	17.31	18.50
		12	6	17.24	17.18	17.27	18.50
		12	13	17.09	17.21	17.29	18.50
		25	0	17.18	17.17	17.29	18.50
	16QAM	1	0	17.18	17.28	17.24	18.50
		1	13	17.25	17.30	17.27	18.50
		1	24	17.22	17.20	17.33	18.50
		12	0	17.31	17.14	17.31	18.50
		12	6	17.21	17.17	17.32	18.50
		12	13	17.07	17.29	17.22	18.50
		25	0	17.16	17.29	17.34	18.50

		1	0	17.23	17.16	17.23	18.50
		1	13	17.23	17.35	17.31	18.50
		1	24	17.10	17.14	17.48	18.50
	64QAM	12	0	17.25	17.24	17.31	18.50
		12	6	17.29	17.17	17.33	18.50
		12	13	17.14	17.24	17.26	18.50
		25	0	17.14	17.18	17.34	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.19	17.17	17.16	18.50
		1	25	17.11	17.20	17.19	18.50
		1	49	17.09	17.09	17.28	18.50
		25	0	17.26	17.07	17.33	18.50
		25	13	17.12	17.19	17.28	18.50
		25	25	17.05	17.25	17.21	18.50
		50	0	17.14	17.20	17.35	18.50
	16QAM	1	0	17.19	17.28	17.30	18.50
		1	25	17.34	17.30	17.21	18.50
		1	49	17.24	17.31	17.28	18.50
		25	0	17.25	17.14	17.27	18.50
		25	13	17.25	17.14	17.22	18.50
		25	25	17.10	17.24	17.34	18.50
		50	0	17.19	17.17	17.30	18.50
	64QAM	1	0	17.29	17.28	17.12	18.50
		1	25	17.14	17.24	17.25	18.50
		1	49	17.06	17.18	17.35	18.50
		25	0	17.29	17.14	17.28	18.50
		25	13	17.09	17.17	17.40	18.50
		25	25	17.15	17.22	17.19	18.50
		50	0	17.20	17.23	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.19	17.15	17.09	18.50
		1	38	17.37	17.16	17.30	18.50
		1	74	17.03	17.00	17.19	18.50
		36	0	17.17	17.04	17.24	18.50
		36	18	17.11	17.20	17.18	18.50
		36	39	17.10	17.14	17.14	18.50
		75	0	17.18	17.20	17.23	18.50
	16QAM	1	0	17.29	17.28	17.28	18.50
		1	38	17.36	17.36	17.18	18.50
		1	74	17.30	17.25	17.26	18.50
		36	0	17.11	17.05	17.25	18.50
		36	18	17.11	17.21	17.11	18.50
		36	39	17.08	17.28	17.20	18.50
		75	0	17.11	17.11	17.20	18.50
	64QAM	1	0	17.16	17.18	17.12	18.50
		1	38	17.32	17.12	17.32	18.50
		1	74	17.02	17.03	17.20	18.50
		36	0	17.28	17.12	17.31	18.50
		36	18	17.14	17.21	17.25	18.50

		36	39	17.12	17.10	17.16	18.50
		75	0	17.25	17.22	17.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.13	17.03	17.19	18.50
		1	50	16.96	17.23	17.22	18.50
		1	99	17.05	17.03	17.12	18.50
		50	0	17.21	17.01	17.14	18.50
		50	25	17.12	17.23	17.17	18.50
		50	50	17.25	17.22	17.09	18.50
		100	0	17.24	17.18	17.12	18.50
	16QAM	1	0	17.12	17.20	17.21	18.50
		1	50	17.02	17.25	17.12	18.50
		1	99	17.15	17.14	17.19	18.50
		50	0	17.23	17.12	17.14	18.50
		50	25	17.13	17.11	17.24	18.50
		50	50	17.16	17.24	17.10	18.50
		100	0	17.21	17.15	17.08	18.50
	64QAM	1	0	17.09	17.01	17.20	18.50
		1	50	16.94	17.24	17.23	18.50
		1	99	17.02	16.99	17.07	18.50
		50	0	17.20	16.96	17.21	18.50
		50	25	17.14	17.19	17.20	18.50
		50	50	17.25	17.23	17.08	18.50
		100	0	17.25	17.17	17.13	18.50

LTE Band 4 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.71	19.66	19.82	21.00
		1	2	19.70	19.63	19.80	21.00
		1	5	19.64	19.63	19.66	21.00
		3	0	19.75	19.57	19.90	21.00
		3	2	19.65	19.66	19.66	21.00
		3	3	19.55	19.75	19.71	21.00
		6	0	19.73	19.73	19.68	21.00
	16QAM	1	0	19.66	19.45	19.51	21.00
		1	2	19.83	19.79	19.72	21.00
		1	5	19.67	19.52	19.36	21.00
		3	0	19.51	19.32	19.46	21.00
		3	2	19.57	19.52	19.73	21.00
		3	3	19.58	19.85	19.70	21.00
		6	0	19.63	19.81	19.77	21.00
	64QAM	1	0	19.76	19.65	19.80	21.00
		1	2	19.65	19.59	19.89	21.00
		1	5	19.72	19.69	19.78	21.00
		3	0	19.78	19.57	19.98	21.00
		3	2	19.72	19.75	19.72	21.00
		3	3	19.54	19.86	19.81	21.00
		6	0	19.70	19.85	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19965	20175	20385	
3MHz	QPSK	1	0	19.67	19.67	19.81	21.00
		1	7	19.73	19.75	19.93	21.00
		1	14	19.61	19.52	19.67	21.00
		8	0	19.73	19.67	19.76	21.00
		8	4	19.56	19.60	19.67	21.00
		8	7	19.55	19.77	19.79	21.00
		15	0	19.70	19.68	19.82	21.00
	16QAM	1	0	19.78	19.33	19.52	21.00
		1	7	19.76	19.90	19.63	21.00
		1	14	19.66	19.58	19.43	21.00
		8	0	19.49	19.48	19.60	21.00
		8	4	19.67	19.63	19.67	21.00
		8	7	19.61	19.80	19.86	21.00
		15	0	19.60	19.81	19.79	21.00
	64QAM	1	0	19.66	19.68	19.89	21.00
		1	7	19.72	19.72	19.99	21.00
		1	14	19.67	19.48	19.65	21.00
		8	0	19.84	19.66	19.83	21.00
		8	4	19.67	19.58	19.76	21.00
		8	7	19.59	19.84	19.85	21.00
		15	0	19.76	19.77	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	19.68	19.75	19.91	21.00
		1	13	19.57	19.70	19.88	21.00
		1	24	19.65	19.60	19.80	21.00
		12	0	19.73	19.62	19.88	21.00
		12	6	19.71	19.76	19.70	21.00
		12	13	19.60	19.81	19.68	21.00
		25	0	19.66	19.67	19.80	21.00
	16QAM	1	0	19.68	19.40	19.65	21.00
		1	13	19.77	19.90	19.75	21.00
		1	24	19.56	19.51	19.35	21.00
		12	0	19.48	19.31	19.43	21.00
		12	6	19.66	19.60	19.68	21.00
		12	13	19.56	19.77	19.71	21.00
		25	0	19.58	19.90	19.73	21.00
	64QAM	1	0	19.71	19.80	19.98	21.00
		1	13	19.64	19.69	19.92	21.00
		1	24	19.73	19.66	19.78	21.00
		12	0	19.80	19.58	19.97	21.00
		12	6	19.78	19.84	19.79	21.00
		12	13	19.68	19.93	19.67	21.00
		25	0	19.71	19.76	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	19.73	19.69	19.78	21.00
		1	25	19.64	19.71	19.86	21.00
		1	49	19.62	19.61	19.75	21.00
		25	0	19.75	19.58	19.83	21.00
		25	13	19.65	19.69	19.74	21.00

		25	25	19.55	19.75	19.74	21.00
		50	0	19.67	19.67	19.76	21.00
	16QAM	1	0	19.75	19.41	19.58	21.00
		1	25	19.78	19.80	19.66	21.00
		1	49	19.57	19.56	19.44	21.00
		25	0	19.48	19.38	19.51	21.00
		25	13	19.65	19.61	19.69	21.00
		25	25	19.59	19.81	19.79	21.00
		50	0	19.64	19.80	19.71	21.00
		1	0	19.70	19.66	19.90	21.00
	64QAM	1	25	19.67	19.72	19.82	21.00
		1	49	19.58	19.60	19.84	21.00
		25	0	19.78	19.62	19.86	21.00
		25	13	19.63	19.70	19.73	21.00
		25	25	19.62	19.82	19.77	21.00
		50	0	19.79	19.72	19.77	21.00
		1	0	19.70	19.66	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.58	19.77	19.57	21.00
		1	38	19.40	19.68	19.71	21.00
		1	74	19.68	19.77	19.61	21.00
		36	0	19.66	19.63	19.81	21.00
		36	18	19.53	19.70	19.63	21.00
		36	39	19.62	19.72	19.75	21.00
		75	0	19.66	19.66	19.73	21.00
	16QAM	1	0	19.74	19.76	19.65	21.00
		1	38	19.57	19.66	19.77	21.00
		1	74	19.68	19.42	19.80	21.00
		36	0	19.75	19.65	19.79	21.00
		36	18	19.59	19.70	19.76	21.00
		36	39	19.61	19.77	19.66	21.00
		75	0	19.70	19.69	19.74	21.00
	64QAM	1	0	19.67	19.74	19.62	21.00
		1	38	19.48	19.63	19.79	21.00
		1	74	19.63	19.89	19.68	21.00
		36	0	19.71	19.62	19.78	21.00
		36	18	19.57	19.65	19.61	21.00
		36	39	19.57	19.77	19.78	21.00
		75	0	19.70	19.74	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.68	19.61	19.75	21.00
		1	50	19.58	19.77	19.75	21.00
		1	99	19.56	19.53	19.66	21.00
		50	0	19.80	19.64	19.71	21.00
		50	25	19.67	19.73	19.71	21.00
		50	50	19.76	19.77	19.66	21.00
		100	0	19.71	19.71	19.61	21.00
	16QAM	1	0	19.55	19.64	19.58	21.00
		1	50	19.56	19.51	19.35	21.00
		1	99	19.32	19.48	19.61	21.00
		50	0	19.41	19.38	19.37	21.00

		50	25	19.36	19.44	19.40	21.00
		50	50	19.51	19.51	19.33	21.00
		100	0	19.75	19.70	19.67	21.00
	64QAM	1	0	19.73	19.59	19.84	21.00
		1	50	19.62	19.85	19.81	21.00
		1	99	19.66	19.50	19.61	21.00
		50	0	19.78	19.74	19.73	21.00
		50	25	19.68	19.83	19.82	21.00
		50	50	19.76	19.80	19.70	21.00
		100	0	19.69	19.74	19.65	21.00

LTE Band 4 Sensor on(A)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.12	21.25	21.40	22.50
		1	2	21.03	21.20	21.20	22.50
		1	5	21.41	21.11	21.28	22.50
		3	0	21.27	21.11	21.18	22.50
		3	2	21.09	21.33	21.40	22.50
		3	3	21.25	21.26	21.14	22.50
		6	0	21.35	21.18	21.23	22.50
	16QAM	1	0	21.31	21.20	21.17	22.50
		1	2	21.18	21.15	21.10	22.50
		1	5	21.15	21.26	21.26	22.50
		3	0	21.38	21.34	21.34	22.50
		3	2	21.25	21.21	21.33	22.50
		3	3	21.20	21.32	21.29	22.50
		6	0	20.77	20.88	20.93	22.00
	64QAM	1	0	20.75	20.86	21.14	22.00
		1	2	20.91	20.88	21.32	22.00
		1	5	20.78	21.04	21.17	22.00
		3	0	21.08	20.90	21.07	22.00
		3	2	21.00	20.95	21.09	22.00
		3	3	20.90	20.95	20.98	22.00
		6	0	19.92	20.04	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.24	21.17	21.31	22.50
		1	7	21.16	21.18	21.09	22.50
		1	14	21.35	21.12	21.23	22.50
		8	0	21.31	21.01	21.18	22.50
		8	4	21.20	21.30	21.20	22.50
		8	7	21.28	21.34	21.26	22.50
		15	0	21.30	21.19	21.22	22.50
	16QAM	1	0	21.24	21.17	21.06	22.50
		1	7	21.15	21.16	21.12	22.50
		1	14	21.21	21.23	21.09	22.50
		8	0	20.66	20.74	21.04	22.00
		8	4	20.74	20.81	20.80	22.00
		8	7	20.69	20.75	20.94	22.00
		15	0	20.73	20.61	20.91	22.00

		1	0	20.98	20.96	21.16	22.00
		1	7	21.04	21.10	21.06	22.00
		1	14	21.20	20.89	21.20	22.00
	64QAM	8	0	20.02	19.96	20.16	21.00
		8	4	19.90	19.96	20.14	21.00
		8	7	19.90	19.94	20.11	21.00
		15	0	19.99	20.01	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.24	21.12	21.22	22.50
		1	13	21.03	21.20	21.19	22.50
		1	24	21.26	21.04	21.32	22.50
		12	0	21.39	21.08	21.19	22.50
		12	6	21.05	21.28	21.34	22.50
		12	13	21.27	21.24	21.24	22.50
		25	0	21.34	21.29	21.31	22.50
	16QAM	1	0	21.33	21.22	21.05	22.50
		1	13	21.10	21.22	21.16	22.50
		1	24	21.05	21.17	21.14	22.50
		12	0	20.67	20.70	20.84	22.00
		12	6	20.71	20.76	20.77	22.00
		12	13	20.60	20.77	20.80	22.00
		25	0	20.77	20.78	20.78	22.00
	64QAM	1	0	20.98	21.01	21.18	22.00
		1	13	20.92	20.89	21.16	22.00
		1	24	21.01	20.98	21.15	22.00
		12	0	20.03	20.06	20.11	21.00
		12	6	20.04	20.02	20.11	21.00
		12	13	19.90	20.02	20.11	21.00
		25	0	20.06	20.09	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.11	21.19	21.26	22.50
		1	25	21.15	21.17	21.11	22.50
		1	49	21.26	21.03	21.31	22.50
		25	0	21.21	21.10	21.24	22.50
		25	13	21.08	21.21	21.20	22.50
		25	25	21.18	21.40	21.13	22.50
		50	0	21.40	21.16	21.32	22.50
	16QAM	1	0	21.34	21.26	21.23	22.50
		1	25	21.20	21.19	21.16	22.50
		1	49	21.13	21.12	21.28	22.50
		25	0	20.77	20.65	20.80	22.00
		25	13	20.66	20.76	20.72	22.00
		25	25	20.54	20.73	20.81	22.00
		50	0	20.65	20.67	20.76	22.00
	64QAM	1	0	21.05	20.93	21.14	22.00
		1	25	20.85	21.05	21.10	22.00
		1	49	21.09	20.87	21.32	22.00
		25	0	20.02	19.94	20.25	21.00
		25	13	19.88	20.03	20.12	21.00

		25	25	19.85	20.10	20.13	21.00
		50	0	19.96	19.99	20.03	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.24	21.12	21.41	22.50
		1	38	21.18	21.28	21.14	22.50
		1	74	21.28	20.94	21.21	22.50
		36	0	21.22	21.18	21.34	22.50
		36	18	21.13	21.30	21.30	22.50
		36	39	21.16	21.34	21.22	22.50
		75	0	21.35	21.17	21.27	22.50
	16QAM	1	0	21.34	21.26	21.08	22.50
		1	38	21.14	21.16	21.13	22.50
		1	74	21.09	21.16	21.27	22.50
		36	0	20.72	20.61	20.80	22.00
		36	18	20.66	20.70	20.78	22.00
		36	39	20.65	20.77	20.73	22.00
		75	0	20.75	20.68	20.75	22.00
	64QAM	1	0	21.36	20.96	21.06	22.00
		1	38	20.93	20.91	21.35	22.00
		1	74	21.11	20.89	20.98	22.00
		36	0	19.97	19.89	20.17	21.00
		36	18	19.96	20.00	19.96	21.00
		36	39	19.91	20.06	20.03	21.00
		75	0	19.91	20.05	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.19	21.20	21.31	22.50
		1	50	21.11	21.24	21.17	22.50
		1	99	21.33	21.02	21.28	22.50
		50	0	21.29	21.11	21.26	22.50
		50	25	21.12	21.30	21.30	22.50
		50	50	21.24	21.30	21.17	22.50
		100	0	21.32	21.22	21.24	22.50
	16QAM	1	0	21.31	21.20	21.15	22.50
		1	50	21.15	21.14	21.19	22.50
		1	99	21.13	21.16	21.18	22.50
		50	0	20.78	20.55	20.74	22.00
		50	25	20.65	20.77	20.77	22.00
		50	50	20.71	20.78	20.68	22.00
		100	0	20.79	20.69	20.73	22.00
	64QAM	1	0	20.94	20.89	20.95	22.00
		1	50	20.96	20.98	20.99	22.00
		1	99	20.87	20.88	21.03	22.00
		50	0	19.98	19.81	20.08	21.00
		50	25	19.95	19.93	20.03	21.00
		50	50	20.00	19.98	20.03	21.00
		100	0	20.08	20.02	19.97	21.00

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	23.07	23.19	23.35	24.50
		1	2	23.02	23.49	23.44	24.50
		1	5	23.41	23.26	23.44	24.50
		3	0	23.12	23.37	23.39	24.50
		3	2	23.14	23.38	23.45	24.50
		3	3	23.23	23.39	23.42	24.50
		6	0	22.18	22.38	22.38	23.50
	16QAM	1	0	22.14	22.51	22.34	23.50
		1	2	22.29	22.50	22.37	23.50
		1	5	22.30	22.54	22.38	23.50
		3	0	22.28	22.37	22.38	23.50
		3	2	22.18	22.38	22.46	23.50
		3	3	22.22	22.42	22.26	23.50
		6	0	21.30	21.34	21.38	22.50
	64QAM	1	0	21.41	21.39	21.65	22.50
		1	2	21.22	21.80	21.74	22.50
		1	5	21.61	21.46	21.65	22.50
		3	0	21.40	21.61	21.65	22.50
		3	2	21.38	21.61	21.71	22.50
		3	3	21.50	21.72	21.74	22.50
		6	0	20.49	20.62	20.73	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.24	23.35	23.53	24.50
		1	7	23.20	23.36	23.50	24.50
		1	14	23.40	23.47	23.41	24.50
		8	0	22.20	22.34	22.39	23.50
		8	4	22.25	22.40	22.37	23.50
		8	7	22.18	22.33	22.37	23.50
		15	0	22.23	22.35	22.43	23.50
	16QAM	1	0	22.49	22.50	22.50	23.50
		1	7	22.38	22.46	22.34	23.50
		1	14	22.17	22.44	22.40	23.50
		8	0	21.27	21.38	21.41	22.50
		8	4	21.20	21.43	21.44	22.50
		8	7	21.23	21.47	21.42	22.50
		15	0	21.19	21.47	21.44	22.50
	64QAM	1	0	21.48	21.63	21.88	22.50
		1	7	21.52	21.61	21.81	22.50
		1	14	21.75	21.68	21.68	22.50
		8	0	20.49	20.59	20.67	21.50
		8	4	20.45	20.74	20.67	21.50
		8	7	20.44	20.66	20.69	21.50
		15	0	20.46	20.58	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.28	23.35	23.40	24.50
		1	13	23.37	23.44	23.39	24.50
		1	24	23.26	23.50	23.35	24.50
		1	24	23.26	23.50	23.35	24.50

		12	0	22.29	22.41	22.40	23.50
		12	6	22.33	22.42	22.42	23.50
		12	13	22.23	22.33	22.36	23.50
		25	0	22.32	22.37	22.40	23.50
	16QAM	1	0	22.44	22.36	22.34	23.50
		1	13	22.20	22.37	22.35	23.50
		1	24	22.42	22.44	22.24	23.50
		12	0	21.24	21.34	21.46	22.50
		12	6	21.25	21.39	21.42	22.50
		12	13	21.22	21.38	21.39	22.50
		25	0	21.15	21.42	21.46	22.50
	64QAM	1	0	21.51	21.63	21.73	22.50
		1	13	21.60	21.75	21.62	22.50
		1	24	21.56	21.76	21.60	22.50
		12	0	20.59	20.62	20.72	21.50
		12	6	20.55	20.72	20.71	21.50
		12	13	20.58	20.56	20.71	21.50
		25	0	20.66	20.62	20.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.24	23.30	23.25	24.50
		1	25	23.40	23.39	23.35	24.50
		1	49	23.31	23.31	23.39	24.50
		25	0	22.41	22.40	22.42	23.50
		25	13	22.28	22.41	22.34	23.50
		25	25	22.34	22.42	22.33	23.50
		50	0	22.34	22.39	22.42	23.50
	16QAM	1	0	22.35	22.31	22.22	23.50
		1	25	22.39	22.25	22.23	23.50
		1	49	22.29	22.31	22.28	23.50
		25	0	21.39	21.40	21.35	22.50
		25	13	21.28	22.39	22.37	22.50
		25	25	21.38	22.33	21.41	22.50
		50	0	21.45	21.36	21.43	22.50
	64QAM	1	0	21.56	21.54	21.48	22.50
		1	25	21.61	21.72	21.68	22.50
		1	49	21.58	21.51	21.67	22.50
		25	0	20.61	20.60	20.70	21.50
		25	13	20.52	20.65	20.57	21.50
		25	25	20.63	20.62	20.56	21.50
		50	0	20.63	20.71	20.75	21.50

LTE Band 5 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.11	19.27	19.37	20.50
		1	2	19.10	19.27	19.32	20.50
		1	5	19.23	19.17	19.37	20.50
		3	0	19.15	19.31	19.32	20.50
		3	2	19.16	19.28	19.23	20.50
		3	3	19.19	19.19	19.32	20.50
		6	0	19.16	19.35	19.27	20.50
	16QAM	1	0	19.16	19.12	19.32	20.50

		1	2	19.28	19.18	19.32	20.50
		1	5	19.18	19.22	19.31	20.50
		3	0	19.17	19.19	19.33	20.50
		3	2	19.23	19.36	19.33	20.50
		3	3	19.07	19.35	19.14	20.50
		6	0	19.30	19.32	19.35	20.50
	64QAM	1	0	19.17	19.37	19.41	20.50
		1	2	19.13	19.25	19.28	20.50
		1	5	19.23	19.24	19.37	20.50
		3	0	19.18	19.39	19.44	20.50
		3	2	19.16	19.26	19.30	20.50
		3	3	19.28	19.23	19.37	20.50
		6	0	19.11	19.39	19.34	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	19.17	19.27	19.36	20.50
		1	7	19.12	19.28	19.28	20.50
		1	14	19.21	19.30	19.22	20.50
		8	0	19.21	19.28	19.34	20.50
		8	4	19.12	19.31	19.34	20.50
		8	7	19.20	19.37	19.30	20.50
		15	0	19.12	19.34	19.30	20.50
	16QAM	1	0	19.15	19.20	19.19	20.50
		1	7	19.16	19.27	19.00	20.50
		1	14	19.31	19.21	19.33	20.50
		8	0	19.15	19.26	19.30	20.50
		8	4	19.13	19.36	19.28	20.50
		8	7	19.17	19.22	19.18	20.50
		15	0	19.18	19.21	19.35	20.50
	64QAM	1	0	19.17	19.38	19.35	20.50
		1	7	19.09	19.27	19.29	20.50
		1	14	19.20	19.36	19.27	20.50
		8	0	19.22	19.30	19.32	20.50
		8	4	19.08	19.29	19.39	20.50
		8	7	19.22	19.42	19.39	20.50
		15	0	19.13	19.45	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.18	19.43	19.28	20.50
		1	13	19.17	19.37	19.31	20.50
		1	24	19.29	19.30	19.30	20.50
		12	0	19.18	19.35	19.45	20.50
		12	6	19.24	19.34	19.33	20.50
		12	13	19.19	19.32	19.29	20.50
		25	0	19.19	19.37	19.33	20.50
	16QAM	1	0	19.31	19.30	19.44	20.50
		1	13	19.22	19.33	19.23	20.50
		1	24	19.32	19.30	19.19	20.50
		12	0	19.19	19.32	19.42	20.50
		12	6	19.17	19.23	19.36	20.50
		12	13	19.20	19.36	19.30	20.50
		25	0	19.25	19.40	19.40	20.50
	64QAM	1	0	19.17	19.45	19.34	20.50
		1	13	19.26	19.46	19.40	20.50
		1	24	19.24	19.27	19.32	20.50

		12	0	19.22	19.31	19.50	20.50
		12	6	19.20	19.30	19.34	20.50
		12	13	19.24	19.31	19.41	20.50
		25	0	19.30	19.35	19.31	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	19.43	19.26	19.26	20.50
		1	25	19.25	19.37	19.27	20.50
		1	49	19.24	19.29	19.38	20.50
		25	0	19.47	19.26	19.29	20.50
		25	13	19.27	19.34	19.35	20.50
		25	25	19.20	19.41	19.29	20.50
		50	0	19.35	19.31	19.29	20.50
	16QAM	1	0	18.81	19.22	19.25	20.50
		1	25	19.17	19.30	19.21	20.50
		1	49	19.26	19.07	19.17	20.50
		25	0	19.23	19.28	19.42	20.50
		25	13	19.24	19.39	19.42	20.50
		25	25	19.34	19.41	19.21	20.50
		50	0	19.30	19.28	19.37	20.50
	64QAM	1	0	19.41	19.21	19.24	20.50
		1	25	19.28	19.38	19.24	20.50
		1	49	19.23	19.34	19.43	20.50
		25	0	19.52	19.22	19.31	20.50
		25	13	19.34	19.30	19.45	20.50
		25	25	19.22	19.48	19.24	20.50
		50	0	19.46	19.28	19.29	20.50

LTE Band 7 Sensor off/Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.91	22.74	23.02	24.00
		1	13	22.88	22.72	22.87	24.00
		1	24	22.86	22.78	23.04	24.00
		12	0	21.94	21.65	21.88	23.00
		12	6	21.94	21.73	21.89	23.00
		12	13	21.90	21.72	21.89	23.00
		25	0	21.97	21.69	21.88	23.00
	16QAM	1	0	21.81	21.63	22.27	23.00
		1	13	21.76	22.06	22.03	23.00
		1	24	21.91	22.07	22.26	23.00
		12	0	20.98	20.77	20.93	22.00
		12	6	20.91	20.77	20.87	22.00
		12	13	20.94	20.75	20.85	22.00
		25	0	20.94	20.71	20.94	22.00
	64QAM	1	0	20.76	20.86	21.08	22.00
		1	13	20.74	20.82	20.92	22.00
		1	24	20.85	20.90	21.07	22.00
		12	0	20.44	19.97	20.24	21.00
		12	6	20.21	20.07	20.38	21.00
		12	13	20.42	20.27	20.29	21.00
		25	0	20.51	20.15	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20800	21100	21400	
10MHz	QPSK	1	0	22.89	22.68	22.82	24.00
		1	25	22.87	22.74	22.95	24.00
		1	49	22.92	22.77	22.95	24.00
		25	0	21.92	21.80	21.90	23.00
		25	13	21.88	21.71	21.91	23.00
		25	25	21.98	21.73	21.95	23.00
		50	0	21.93	21.74	21.89	23.00
	16QAM	1	0	21.88	21.57	22.21	23.00
		1	25	22.23	21.95	21.94	23.00
		1	49	22.23	21.78	22.20	23.00
		25	0	20.87	20.73	20.95	22.00
		25	13	21.03	20.74	20.90	22.00
		25	25	20.92	20.76	20.99	22.00
		50	0	20.93	20.72	20.87	22.00
	64QAM	1	0	20.76	20.73	20.90	22.00
		1	25	20.82	20.80	20.82	22.00
		1	49	20.89	20.87	20.81	22.00
		25	0	20.22	20.27	20.37	21.00
		25	13	20.14	20.22	20.19	21.00
		25	25	20.42	20.06	20.31	21.00
		50	0	20.29	20.06	20.34	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.07	22.76	22.88	24.00
		1	38	23.03	22.85	22.76	24.00
		1	74	22.82	22.90	22.91	24.00
		36	0	21.90	21.76	21.82	23.00
		36	18	21.93	21.73	21.98	23.00
		36	39	21.95	21.71	21.93	23.00
		75	0	21.94	21.82	21.98	23.00
	16QAM	1	0	21.95	21.74	21.84	23.00
		1	38	22.23	21.93	22.25	23.00
		1	74	21.94	22.01	22.09	23.00
		36	0	20.96	20.80	20.93	22.00
		36	18	20.95	20.78	20.88	22.00
		36	39	20.90	20.76	20.91	22.00
		75	0	20.92	20.73	20.92	22.00
	64QAM	1	0	21.09	20.82	20.97	22.00
		1	38	20.97	20.94	20.63	22.00
		1	74	20.70	20.99	20.88	22.00
		36	0	20.19	20.10	20.33	21.00
		36	18	20.34	19.99	20.24	21.00
		36	39	20.20	20.08	20.43	21.00
		75	0	20.33	20.29	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.06	22.77	22.64	24.00
		1	50	22.82	22.75	23.05	24.00
		1	99	22.84	22.97	22.87	24.00
		50	0	21.86	21.77	21.81	23.00
		50	25	21.97	21.82	21.96	23.00
		50	50	21.96	21.77	21.99	23.00
		100	0	21.89	21.80	21.87	23.00
	16QAM	1	0	22.21	21.92	21.73	23.00

		1	50	21.97	22.02	22.26	23.00
		1	99	21.85	22.06	22.03	23.00
		50	0	20.92	20.69	20.81	22.00
		50	25	21.00	20.85	20.89	22.00
		50	50	20.97	20.78	20.95	22.00
		100	0	20.92	20.70	20.90	22.00
	64QAM	1	0	21.06	20.87	20.77	22.00
		1	50	20.83	20.88	21.01	22.00
		1	99	20.76	21.05	20.83	22.00
		50	0	20.37	20.19	20.10	21.00
		50	25	20.39	20.27	20.33	21.00
		50	50	20.31	20.28	20.24	21.00
		100	0	20.24	20.11	20.28	21.00

LTE Band 7 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	11.87	11.45	11.46	13.00
		1	13	11.76	11.70	11.69	13.00
		1	24	11.76	11.59	11.87	13.00
		12	0	11.79	11.62	11.85	13.00
		12	6	11.80	11.80	11.73	13.00
		12	13	11.92	11.62	11.90	13.00
		25	0	11.80	11.55	11.83	13.00
	16QAM	1	0	11.80	11.75	11.79	13.00
		1	13	11.83	11.64	11.73	13.00
		1	24	11.85	11.49	11.65	13.00
		12	0	11.84	11.57	11.66	13.00
		12	6	11.88	11.57	11.70	13.00
		12	13	11.79	11.67	11.81	13.00
		25	0	11.80	11.55	11.66	13.00
	64QAM	1	0	11.91	11.40	11.41	13.00
		1	13	11.72	11.72	11.69	13.00
		1	24	11.75	11.55	11.86	13.00
		12	0	11.80	11.66	11.86	13.00
		12	6	11.87	11.77	11.73	13.00
		12	13	11.91	11.63	11.94	13.00
		25	0	11.77	11.51	11.78	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	11.93	11.37	11.51	13.00
		1	25	11.79	11.56	11.68	13.00
		1	49	11.72	11.74	11.80	13.00
		25	0	11.80	11.54	11.82	13.00
		25	13	11.93	11.61	11.83	13.00
		25	25	11.73	11.73	11.95	13.00
		50	0	11.74	11.63	11.77	13.00
	16QAM	1	0	11.79	11.81	11.79	13.00
		1	25	11.70	11.68	11.80	13.00
		1	49	11.79	11.46	11.52	13.00
		25	0	11.72	11.52	11.68	13.00
		25	13	11.83	11.67	11.84	13.00
		25	25	11.82	11.69	11.83	13.00

		50	0	11.83	11.63	11.86	13.00
	64QAM	1	0	11.88	11.39	11.56	13.00
		1	25	11.79	11.56	11.63	13.00
		1	49	11.69	11.79	11.78	13.00
		25	0	11.77	11.58	11.83	13.00
		25	13	11.95	11.57	11.78	13.00
		25	25	11.69	11.79	12.02	13.00
		50	0	11.81	11.61	11.72	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	11.86	11.54	11.60	13.00
		1	38	11.83	11.59	11.78	13.00
		1	74	11.76	11.61	11.89	13.00
		36	0	11.65	11.57	11.82	13.00
		36	18	11.74	11.74	11.87	13.00
		36	39	11.87	11.74	11.78	13.00
		75	0	11.78	11.59	11.71	13.00
	16QAM	1	0	11.82	11.75	11.79	13.00
		1	38	11.78	11.70	11.85	13.00
		1	74	11.76	11.59	11.63	13.00
		36	0	11.79	11.69	11.72	13.00
		36	18	11.72	11.71	11.72	13.00
		36	39	11.80	11.74	11.82	13.00
		75	0	11.68	11.67	11.68	13.00
	64QAM	1	0	11.93	11.61	11.56	13.00
		1	38	11.90	11.57	11.83	13.00
		1	74	11.83	11.60	11.89	13.00
		36	0	11.70	11.64	11.79	13.00
		36	18	11.77	11.71	11.86	13.00
		36	39	11.82	11.69	11.75	13.00
		75	0	11.77	11.64	11.69	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	11.84	11.47	11.52	13.00
		1	50	11.81	11.63	11.76	13.00
		1	99	11.68	11.69	11.80	13.00
		50	0	11.87	11.63	11.76	13.00
		50	25	11.84	11.71	11.83	13.00
		50	50	11.82	11.65	11.85	13.00
		100	0	11.83	11.62	11.77	13.00
	16QAM	1	0	11.80	11.84	11.81	13.00
		1	50	11.75	11.65	11.76	13.00
		1	99	11.79	11.54	11.56	13.00
		50	0	11.75	11.62	11.71	13.00
		50	25	11.79	11.64	11.78	13.00
		50	50	11.80	11.67	11.86	13.00
		100	0	11.75	11.64	11.76	13.00
	64QAM	1	0	11.79	11.49	11.59	13.00
		1	50	11.86	11.65	11.80	13.00
		1	99	11.69	11.69	11.80	13.00
		50	0	11.86	11.65	11.81	13.00
		50	25	11.87	11.74	11.81	13.00
		50	50	11.86	11.72	11.85	13.00
		100	0	11.82	11.60	11.72	13.00

LTE Band 7 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	12.88	12.65	12.70	14.00
		1	13	12.80	12.76	12.81	14.00
		1	24	12.78	12.70	12.78	14.00
		12	0	12.87	12.51	12.76	14.00
		12	6	12.76	12.60	12.77	14.00
		12	13	12.73	12.77	12.83	14.00
		25	0	12.70	12.53	12.73	14.00
	16QAM	1	0	12.81	12.80	12.68	14.00
		1	13	12.74	12.77	12.87	14.00
		1	24	12.80	12.79	12.79	14.00
		12	0	12.82	12.64	12.68	14.00
		12	6	12.85	12.60	12.83	14.00
		12	13	12.79	12.59	12.82	14.00
		25	0	12.77	12.67	12.78	14.00
	64QAM	1	0	12.88	12.72	12.73	14.00
		1	13	12.75	12.74	12.76	14.00
		1	24	12.80	12.74	12.84	14.00
		12	0	12.86	12.46	12.71	14.00
		12	6	12.81	12.64	12.78	14.00
		12	13	12.77	12.78	12.86	14.00
		25	0	12.70	12.57	12.77	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	12.82	12.58	12.68	14.00
		1	25	12.81	12.76	12.71	14.00
		1	49	12.82	12.63	12.79	14.00
		25	0	12.78	12.55	12.79	14.00
		25	13	12.78	12.54	12.67	14.00
		25	25	12.82	12.72	12.88	14.00
		50	0	12.70	12.47	12.80	14.00
	16QAM	1	0	12.84	12.83	12.59	14.00
		1	25	12.75	12.75	12.81	14.00
		1	49	12.77	12.82	12.85	14.00
		25	0	12.76	12.70	12.75	14.00
		25	13	12.80	12.65	12.79	14.00
		25	25	12.86	12.61	12.80	14.00
		50	0	12.84	12.67	12.76	14.00
	64QAM	1	0	12.80	12.64	12.72	14.00
		1	25	12.83	12.76	12.66	14.00
		1	49	12.87	12.69	12.86	14.00
		25	0	12.76	12.58	12.82	14.00
		25	13	12.85	12.55	12.69	14.00
		25	25	12.81	12.68	12.83	14.00
		50	0	12.69	12.50	12.82	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	12.63	12.53	12.71	14.00
		1	38	12.61	12.74	12.88	14.00
		1	74	12.56	12.59	12.93	14.00
		36	0	12.83	12.60	12.68	14.00

		36	18	12.80	12.60	12.80	14.00
		36	39	12.79	12.63	12.80	14.00
		75	0	12.76	12.55	12.74	14.00
	16QAM	1	0	12.77	12.61	12.89	14.00
		1	38	12.85	12.60	12.74	14.00
		1	74	12.77	12.85	12.80	14.00
		36	0	12.79	12.64	12.76	14.00
		36	18	12.73	12.63	12.82	14.00
		36	39	12.77	12.67	12.81	14.00
		75	0	12.76	12.48	12.77	14.00
	64QAM	1	0	12.66	12.51	12.73	14.00
		1	38	12.67	12.73	12.95	14.00
		1	74	12.63	12.59	13.00	14.00
		36	0	12.78	12.62	12.74	14.00
		36	18	12.87	12.64	12.83	14.00
		36	39	12.75	12.62	12.82	14.00
		75	0	12.73	12.52	12.73	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	12.82	12.48	12.56	14.00
		1	50	12.74	12.61	12.75	14.00
		1	99	12.70	12.78	12.79	14.00
		50	0	12.80	12.68	12.71	14.00
		50	25	12.88	12.63	12.80	14.00
		50	50	12.75	12.68	12.84	14.00
		100	0	12.77	12.61	12.75	14.00
	16QAM	1	0	12.74	12.52	12.79	14.00
		1	50	12.65	12.58	12.74	14.00
		1	99	12.75	12.77	12.70	14.00
		50	0	12.78	12.60	12.68	14.00
		50	25	12.70	12.70	12.79	14.00
		50	50	12.80	12.63	12.80	14.00
		100	0	12.78	12.66	12.49	14.00
	64QAM	1	0	12.83	12.54	12.52	14.00
		1	50	12.77	12.65	12.70	14.00
		1	99	12.73	12.74	12.84	14.00
		50	0	12.80	12.68	12.75	14.00
		50	25	12.92	12.63	12.87	14.00
		50	50	12.82	12.68	12.91	14.00
		100	0	12.83	12.67	12.77	14.00

LTE Band 7 Sensor on(A)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.67	17.69	17.51	19.00
		1	13	17.85	17.77	17.83	19.00
		1	24	17.90	17.97	17.91	19.00
		12	0	17.92	17.75	17.88	19.00
		12	6	17.80	17.68	17.93	19.00
		12	13	17.92	17.77	17.96	19.00
		25	0	17.82	17.73	17.76	19.00
		1	0	17.85	17.74	17.73	19.00
	16QAM	1	0	17.85	17.74	17.73	19.00

		1	13	17.71	17.81	17.89	19.00
		1	24	17.93	17.82	17.86	19.00
		12	0	17.77	17.65	17.84	19.00
		12	6	17.88	17.68	17.95	19.00
		12	13	17.92	17.56	17.59	19.00
		25	0	17.91	17.68	17.92	19.00
	64QAM	1	0	17.62	17.76	17.51	19.00
		1	13	17.87	17.81	17.87	19.00
		1	24	17.97	17.94	17.95	19.00
		12	0	17.87	17.75	17.90	19.00
		12	6	17.82	17.72	17.96	19.00
		12	13	17.89	17.83	18.01	19.00
		25	0	17.85	17.79	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.66	17.67	17.48	19.00
		1	25	17.84	17.62	17.97	19.00
		1	49	17.88	17.98	17.88	19.00
		25	0	17.79	17.68	17.74	19.00
		25	13	17.89	17.71	17.93	19.00
		25	25	17.99	17.74	17.96	19.00
	16QAM	50	0	17.93	17.72	17.95	19.00
		1	0	17.91	17.59	17.80	19.00
		1	25	17.85	17.84	17.81	19.00
		1	49	17.91	17.82	17.90	19.00
		25	0	17.79	17.55	17.71	19.00
		25	13	17.87	17.73	17.86	19.00
	64QAM	25	25	17.87	17.60	17.87	19.00
		50	0	17.90	17.77	17.85	19.00
		1	0	17.71	17.71	17.53	19.00
		1	25	17.79	17.62	18.00	19.00
		1	49	17.93	17.98	17.88	19.00
		25	0	17.85	17.72	17.72	19.00
15MHz	QPSK	25	13	17.96	17.70	18.00	19.00
		25	25	17.94	17.70	17.92	19.00
		50	0	17.90	17.72	18.00	19.00
	16QAM	1	0	17.80	17.61	17.52	19.00
		1	38	17.82	17.78	17.83	19.00
		1	74	17.86	17.87	17.89	19.00
		36	0	17.81	17.70	17.75	19.00
		36	18	17.81	17.76	17.96	19.00
		36	39	17.99	17.71	17.78	19.00
	64QAM	75	0	17.81	17.71	17.89	19.00
		1	0	17.92	17.56	17.78	19.00
		1	38	17.78	17.84	17.86	19.00
		1	74	17.95	17.77	17.82	19.00
		36	0	17.83	17.67	17.85	19.00
		36	18	17.98	17.82	17.89	19.00
	QPSK	36	39	17.95	17.58	18.03	19.00
		75	0	17.90	17.66	17.98	19.00
	16QAM	1	0	17.76	17.64	17.54	19.00
		1	38	17.77	17.85	17.83	19.00
		1	74	17.83	17.91	17.84	19.00
		36	0	17.83	17.67	17.85	19.00
		36	18	17.98	17.82	17.89	19.00
		36	39	17.95	17.58	18.03	19.00
	64QAM	75	0	17.90	17.66	17.98	19.00
		1	0	17.76	17.64	17.54	19.00
		1	38	17.77	17.85	17.83	19.00
		1	74	17.83	17.91	17.84	19.00

		36	0	17.86	17.66	17.70	19.00
		36	18	17.83	17.81	18.03	19.00
		36	39	18.02	17.66	17.73	19.00
		75	0	17.76	17.72	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.71	17.60	17.56	19.00
		1	50	17.89	17.70	17.93	19.00
		1	99	17.86	17.97	17.96	19.00
		50	0	17.83	17.68	17.80	19.00
		50	25	17.88	17.71	17.87	19.00
		50	50	17.90	17.72	17.88	19.00
		100	0	17.91	17.69	17.85	19.00
	16QAM	1	0	17.98	17.65	17.83	19.00
		1	50	17.78	17.76	17.89	19.00
		1	99	17.96	17.82	17.84	19.00
		50	0	17.84	17.63	17.77	19.00
		50	25	17.88	17.72	17.89	19.00
		50	50	17.87	17.64	17.96	19.00
		100	0	17.90	17.76	17.89	19.00
	64QAM	1	0	17.73	17.64	17.62	19.00
		1	50	17.84	17.68	17.95	19.00
		1	99	17.90	17.96	17.92	19.00
		50	0	17.86	17.68	17.87	19.00
		50	25	17.90	17.75	17.92	19.00
		50	50	17.93	17.72	17.91	19.00
		100	0	17.93	17.73	17.88	19.00

LTE Band 7 Sensor on(B)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.73	20.73	20.79	22.00
		1	13	21.02	20.68	21.06	22.00
		1	24	20.91	20.75	20.98	22.00
		12	0	20.87	20.89	20.81	22.00
		12	6	20.86	20.84	20.95	22.00
		12	13	21.01	20.82	21.01	22.00
		25	0	20.93	20.72	20.88	22.00
	16QAM	1	0	20.74	20.60	20.55	22.00
		1	13	20.68	20.82	20.63	22.00
		1	24	20.64	20.78	20.85	22.00
		12	0	20.96	20.74	20.88	22.00
		12	6	21.03	20.98	21.03	22.00
		12	13	20.75	20.77	20.83	22.00
		25	0	20.85	20.76	20.98	22.00
	64QAM	1	0	20.75	20.85	21.08	22.00
		1	13	20.79	20.83	20.88	22.00
		1	24	20.89	20.88	21.14	22.00
		12	0	20.50	20.04	20.24	21.00
		12	6	20.27	20.02	20.38	21.00
		12	13	20.48	20.22	20.35	21.00
		25	0	20.55	20.22	20.09	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.82	20.63	20.64	22.00
		1	25	21.11	20.76	20.86	22.00
		1	49	21.00	20.88	20.91	22.00
		25	0	20.77	20.79	20.84	22.00
		25	13	20.97	20.84	20.95	22.00
		25	25	21.06	20.87	21.02	22.00
		50	0	20.86	20.77	20.89	22.00
	16QAM	1	0	20.57	20.68	20.66	22.00
		1	25	20.69	20.75	20.60	22.00
		1	49	20.64	20.64	20.80	22.00
		25	0	20.93	20.78	20.90	22.00
		25	13	20.94	20.97	20.88	22.00
		25	25	20.81	20.85	20.74	22.00
		50	0	20.84	20.73	20.89	22.00
	64QAM	1	0	20.74	20.75	20.86	22.00
		1	25	20.86	20.76	20.89	22.00
		1	49	20.95	20.93	20.76	22.00
		25	0	20.24	20.30	20.36	21.00
		25	13	20.21	20.28	20.18	21.00
		25	25	20.38	20.03	20.33	21.00
		50	0	20.26	20.06	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.92	20.66	20.70	22.00
		1	38	21.10	20.65	20.87	22.00
		1	74	20.97	20.85	20.90	22.00
		36	0	20.83	20.87	21.00	22.00
		36	18	20.86	20.94	20.98	22.00
		36	39	20.96	20.78	21.03	22.00
		75	0	21.04	20.74	20.86	22.00
	16QAM	1	0	20.69	20.71	20.53	22.00
		1	38	20.82	20.78	20.63	22.00
		1	74	20.75	20.63	20.81	22.00
		36	0	20.80	20.77	20.78	22.00
		36	18	20.89	20.94	21.04	22.00
		36	39	20.70	20.89	20.74	22.00
		75	0	21.02	20.74	20.83	22.00
	64QAM	1	0	21.11	20.84	20.93	22.00
		1	38	20.93	21.00	20.65	22.00
		1	74	20.76	21.00	20.87	22.00
		36	0	20.21	20.11	20.40	21.00
		36	18	20.41	19.95	20.26	21.00
		36	39	20.26	20.10	20.38	21.00
		75	0	20.30	20.25	20.36	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.82	20.63	20.69	22.00
		1	50	21.01	20.74	20.95	22.00
		1	99	20.94	20.85	20.91	22.00
		50	0	20.86	20.83	20.91	22.00
		50	25	20.95	20.84	20.94	22.00
		50	50	21.00	20.79	20.98	22.00
		100	0	20.96	20.82	20.90	22.00

	16QAM	1	0	20.66	20.68	20.63	22.00
		1	50	20.76	20.75	20.63	22.00
		1	99	20.70	20.73	20.79	22.00
		50	0	20.86	20.78	20.86	22.00
		50	25	20.99	20.89	20.94	22.00
		50	50	20.73	20.82	20.77	22.00
		100	0	20.94	20.81	20.92	22.00
	64QAM	1	0	21.02	20.94	20.82	22.00
		1	50	20.81	20.93	21.02	22.00
		1	99	20.81	21.01	20.85	22.00
		50	0	20.40	20.25	20.07	21.00
		50	25	20.40	20.22	20.31	21.00
		50	50	20.28	20.29	20.30	21.00
		100	0	20.21	20.10	20.33	21.00

LTE Band 12 Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.39	23.36	23.38	24.50
		1	2	23.32	23.27	23.40	24.50
		1	5	23.32	23.21	23.58	24.50
		3	0	23.47	23.19	23.39	24.50
		3	2	23.34	23.40	23.51	24.50
		3	3	23.30	23.34	23.55	24.50
	16QAM	6	0	22.41	22.36	22.51	23.50
		1	0	22.30	22.37	22.49	23.50
		1	2	22.54	22.50	22.51	23.50
		1	5	22.35	22.50	22.33	23.50
		3	0	22.25	22.49	22.39	23.50
		3	2	22.33	22.20	22.49	23.50
	64QAM	3	3	22.34	22.38	22.36	23.50
		6	0	21.29	21.35	21.58	22.50
		1	0	21.44	21.36	21.45	22.50
		1	2	21.29	21.36	21.46	22.50
		1	5	21.27	21.21	21.53	22.50
		3	0	21.48	21.20	21.47	22.50
3MHz	QPSK	3	2	21.36	21.42	21.43	22.50
		3	3	21.21	21.37	21.53	22.50
		6	0	20.79	20.78	21.01	21.50
	16QAM	1	0	23.31	23.38	23.54	24.50
		1	7	23.39	23.33	23.50	24.50
		1	14	23.35	23.47	23.49	24.50
	QPSK	8	0	22.23	22.36	22.48	23.50
		8	4	22.26	22.38	22.47	23.50
		8	7	22.25	22.41	22.52	23.50
		15	0	22.24	22.42	22.53	23.50
	16QAM	1	0	22.38	22.49	22.50	23.50
		1	7	22.34	22.44	22.38	23.50
		1	14	22.53	22.51	22.46	23.50
		8	0	21.29	21.45	21.51	22.50

		8	4	21.38	21.41	21.67	22.50
		8	7	21.30	21.42	21.63	22.50
		15	0	21.23	21.37	21.46	22.50
	64QAM	1	0	21.29	21.43	21.44	22.50
		1	7	21.48	21.29	21.49	22.50
		1	14	21.28	21.42	21.48	22.50
		8	0	20.66	20.73	20.88	21.50
		8	4	20.67	20.78	20.85	21.50
		8	7	20.64	20.86	20.95	21.50
		15	0	20.65	20.92	20.97	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.30	23.36	23.50	24.50
		1	13	23.31	23.44	23.47	24.50
		1	24	23.35	23.50	23.56	24.50
		12	0	22.31	22.37	22.49	23.50
		12	6	22.29	22.45	22.50	23.50
		12	13	22.33	22.37	22.52	23.50
		25	0	22.37	22.43	22.52	23.50
	16QAM	1	0	22.14	22.83	22.49	23.50
		1	13	22.14	22.41	22.59	23.50
		1	24	22.43	22.53	22.64	23.50
		12	0	21.27	21.41	21.38	22.50
		12	6	21.31	21.43	21.44	22.50
		12	13	21.31	21.47	21.54	22.50
		25	0	21.37	21.38	21.60	22.50
	64QAM	1	0	21.26	21.29	21.45	22.50
		1	13	21.38	21.47	21.54	22.50
		1	24	21.32	21.54	21.66	22.50
		12	0	20.76	20.83	20.96	21.50
		12	6	20.67	20.82	20.89	21.50
		12	13	20.75	20.82	20.87	21.50
		25	0	20.83	20.85	20.91	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.31	23.67	23.36	24.50
		1	25	23.37	23.43	23.48	24.50
		1	49	23.41	23.48	23.63	24.50
		25	0	22.33	22.29	22.34	23.50
		25	13	22.31	22.40	22.46	23.50
		25	25	22.48	22.49	22.47	23.50
		50	0	22.44	22.45	22.40	23.50
	16QAM	1	0	22.14	22.23	22.48	23.50
		1	25	22.32	22.43	22.06	23.50
		1	49	22.07	22.14	22.11	23.50
		25	0	21.29	21.42	21.34	22.50
		25	13	21.40	21.40	21.47	22.50
		25	25	21.41	21.53	21.49	22.50
		50	0	21.49	21.34	21.38	22.50
	64QAM	1	0	21.21	21.67	21.39	22.50
		1	25	21.45	21.41	21.47	22.50
		1	49	21.41	21.47	21.61	22.50
		25	0	20.72	20.66	20.73	21.50
		25	13	20.78	20.77	20.81	21.50
		25	25	20.90	20.90	20.97	21.50

		50	0	20.86	20.92	20.77	21.50
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LTE Band 17 Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.21	23.33	23.34	24.50
		1	13	23.40	23.50	23.38	24.50
		1	24	23.39	23.39	23.59	24.50
		12	0	22.27	22.32	22.47	23.50
		12	6	22.32	22.36	22.41	23.50
		12	13	22.32	22.36	22.43	23.50
		25	0	22.35	22.39	22.44	23.50
	16QAM	1	0	22.07	22.35	22.45	23.50
		1	13	22.43	22.24	22.53	23.50
		1	24	22.41	22.40	22.34	23.50
		12	0	21.27	21.37	21.46	22.50
		12	6	21.39	21.32	21.33	22.50
		12	13	21.33	21.33	21.44	22.50
		25	0	21.42	21.34	21.52	22.50
	64QAM	1	0	21.30	21.34	21.37	22.50
		1	13	21.48	21.60	21.41	22.50
		1	24	21.49	21.36	21.60	22.50
		12	0	20.64	20.67	20.64	21.50
		12	6	20.56	20.67	20.69	21.50
		12	13	20.51	20.51	20.63	21.50
		25	0	20.61	20.56	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.33	23.26	23.39	24.50
		1	25	23.47	23.42	23.32	24.50
		1	49	23.48	23.58	23.52	24.50
		25	0	22.29	22.22	22.32	23.50
		25	13	22.39	22.43	22.41	23.50
		25	25	22.41	22.35	22.37	23.50
		50	0	22.33	22.38	22.42	23.50
	16QAM	1	0	22.29	22.33	22.22	23.50
		1	25	22.49	22.40	22.28	23.50
		1	49	22.54	22.51	22.35	23.50
		25	0	21.21	21.27	21.24	22.50
		25	13	21.37	21.35	21.35	22.50
		25	25	21.43	21.36	21.42	22.50
		50	0	21.32	21.26	21.29	22.50
	64QAM	1	0	21.32	21.24	21.41	22.50
		1	25	21.51	21.48	21.38	22.50
		1	49	21.49	21.55	21.61	22.50
		25	0	20.46	20.42	20.70	21.50
		25	13	20.73	20.82	20.60	21.50
		25	25	20.74	20.64	20.75	21.50
		50	0	20.55	20.77	20.74	21.50

LTE Band 17 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	22.28	22.31	22.39	23.50
		1	13	22.32	22.39	22.54	23.50
		1	24	22.30	22.45	22.55	23.50
		12	0	22.27	22.32	22.47	23.50
		12	6	22.32	22.36	22.41	23.50
		12	13	22.32	22.36	22.43	23.50
		25	0	22.35	22.39	22.44	23.50
	16QAM	1	0	22.07	22.35	22.45	23.50
		1	13	22.43	22.24	22.53	23.50
		1	24	22.41	22.40	22.34	23.50
		12	0	21.27	21.37	21.46	22.50
		12	6	21.39	21.32	21.33	22.50
		12	13	21.33	21.33	21.44	22.50
		25	0	21.42	21.34	21.52	22.50
	64QAM	1	0	21.30	21.32	21.45	22.50
		1	13	21.49	21.63	21.42	22.50
		1	24	21.55	21.42	21.57	22.50
		12	0	20.66	20.62	20.70	21.50
		12	6	20.64	20.74	20.71	21.50
		12	13	20.58	20.56	20.65	21.50
		25	0	20.56	20.58	20.65	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	22.21	22.27	22.10	23.50
		1	25	22.48	22.31	22.44	23.50
		1	49	22.46	22.46	22.57	23.50
		25	0	22.29	22.22	22.32	23.50
		25	13	22.39	22.43	22.41	23.50
		25	25	22.41	22.35	22.37	23.50
		50	0	22.33	22.38	22.42	23.50
	16QAM	1	0	22.29	22.33	22.22	23.50
		1	25	22.49	22.40	22.28	23.50
		1	49	22.54	22.51	22.35	23.50
		25	0	21.21	21.27	21.24	22.50
		25	13	21.37	21.35	21.35	22.50
		25	25	21.43	21.36	21.42	22.50
		50	0	21.32	21.26	21.29	22.50
	64QAM	1	0	21.37	21.31	21.39	22.50
		1	25	21.48	21.56	21.39	22.50
		1	49	21.45	21.55	21.56	22.50
		25	0	20.49	20.45	20.68	21.50
		25	13	20.75	20.80	20.62	21.50
		25	25	20.79	20.59	20.81	21.50
		50	0	20.57	20.82	20.76	21.50

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	23.21	23.18	23.16	24.50
		1	2	22.99	23.56	23.42	24.50
		1	5	23.16	23.07	23.31	24.50
		3	0	23.16	23.32	23.46	24.50
		3	2	23.20	23.33	23.30	24.50
		3	3	23.08	23.23	23.45	24.50
		6	0	22.17	22.30	22.35	23.50
	16QAM	1	0	22.05	22.52	22.54	23.50
		1	2	22.52	22.36	22.29	23.50
		1	5	22.36	22.11	22.35	23.50
		3	0	22.22	22.30	22.23	23.50
		3	2	22.15	22.38	22.42	23.50
		3	3	22.04	22.35	22.38	23.50
		6	0	21.36	21.27	21.53	22.50
	64QAM	1	0	21.46	21.34	21.37	22.50
		1	2	21.27	21.84	21.66	22.50
		1	5	21.43	21.33	21.53	22.50
		3	0	21.65	21.72	21.88	22.50
		3	2	21.74	21.79	21.84	22.50
		3	3	21.59	21.59	21.93	22.50
		6	0	20.63	20.75	20.81	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.16	23.41	23.34	24.50
		1	7	23.23	23.31	23.32	24.50
		1	14	23.11	23.32	23.33	24.50
		8	0	22.19	22.35	22.44	23.50
		8	4	22.13	22.30	22.43	23.50
		8	7	22.17	22.37	22.41	23.50
		15	0	22.13	22.38	22.36	23.50
	16QAM	1	0	22.37	22.37	22.51	23.50
		1	7	22.33	22.43	22.45	23.50
		1	14	22.44	22.50	22.47	23.50
		8	0	21.23	21.42	21.43	22.50
		8	4	21.25	21.43	21.47	22.50
		8	7	21.28	21.40	21.46	22.50
		15	0	21.19	21.49	21.49	22.50
	64QAM	1	0	21.41	21.75	21.66	22.50
		1	7	21.44	21.57	21.67	22.50
		1	14	21.29	21.56	21.60	22.50
		8	0	20.54	20.87	20.89	21.50
		8	4	20.50	20.76	20.98	21.50
		8	7	20.67	20.72	20.77	21.50
		15	0	20.64	20.86	20.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.14	23.39	23.32	24.50
		1	13	23.26	23.54	23.45	24.50
		1	24	23.16	23.39	23.54	24.50
		12	0	22.16	22.35	22.47	23.50

		12	6	22.19	22.38	22.42	23.50
		12	13	22.13	22.39	22.39	23.50
		25	0	22.21	22.35	22.42	23.50
	16QAM	1	0	22.60	22.54	22.23	23.50
		1	13	22.42	22.65	22.65	23.50
		1	24	22.36	22.57	22.29	23.50
		12	0	21.17	21.41	21.45	22.50
		12	6	21.16	21.36	21.42	22.50
		12	13	21.11	21.29	21.46	22.50
		25	0	21.19	21.38	21.41	22.50
	64QAM	1	0	21.40	21.67	21.62	22.50
		1	13	21.55	21.75	21.67	22.50
		1	24	21.38	21.69	21.86	22.50
		12	0	20.66	20.87	20.92	21.50
		12	6	20.68	20.83	20.95	21.50
		12	13	20.62	20.92	20.94	21.50
		25	0	20.59	20.87	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	23.19	23.38	23.13	24.50
		1	25	23.33	23.32	23.38	24.50
		1	49	23.25	23.34	23.40	24.50
		25	0	22.06	22.43	22.24	23.50
		25	13	22.11	22.34	22.33	23.50
		25	25	22.23	22.45	22.27	23.50
		50	0	22.22	22.47	22.27	23.50
	16QAM	1	0	22.31	22.56	22.50	23.50
		1	25	22.65	22.61	22.15	23.50
		1	49	22.53	22.48	22.14	23.50
		25	0	21.08	21.43	21.27	22.50
		25	13	21.21	21.37	21.31	22.50
		25	25	21.17	21.40	21.32	22.50
		50	0	21.20	21.49	21.28	22.50
	64QAM	1	0	21.49	21.55	21.30	22.50
		1	25	21.66	21.65	21.58	22.50
		1	49	21.58	21.55	21.63	22.50
		25	0	20.45	20.89	20.69	21.50
		25	13	20.58	20.81	20.88	21.50
		25	25	20.71	21.00	20.73	21.50
		50	0	20.62	20.88	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	23.27	23.12	23.10	24.50
		1	38	23.40	23.30	23.18	24.50
		1	74	23.17	23.59	23.32	24.50
		36	0	22.09	22.36	22.19	23.50
		36	18	22.31	22.33	22.32	23.50
		36	39	22.23	22.46	22.21	23.50
		75	0	22.23	22.49	22.32	23.50
	16QAM	1	0	22.01	22.41	22.43	23.50
		1	38	22.36	22.33	22.41	23.50
		1	74	22.33	22.30	22.21	23.50
		36	0	21.14	21.35	21.20	22.50
		36	18	21.27	21.39	21.29	22.50
		36	39	21.24	21.47	21.26	22.50

		75	0	21.16	21.45	21.23	22.50
	64QAM	1	0	21.55	21.33	21.32	22.50
		1	38	21.65	21.65	21.53	22.50
		1	74	21.32	21.86	21.48	22.50
		36	0	20.53	20.80	20.72	21.50
		36	18	20.78	20.81	20.70	21.50
		36	39	20.63	20.83	20.74	21.50
		75	0	20.69	20.88	20.84	21.50

LTE Band 26 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	19.17	19.09	19.21	20.50
		1	2	19.70	19.67	19.54	20.50
		1	5	19.52	19.58	19.43	20.50
		3	0	19.28	19.48	19.13	20.50
		3	2	19.40	19.45	19.43	20.50
		3	3	19.30	19.47	19.37	20.50
		6	0	19.26	19.42	19.34	20.50
	16QAM	1	0	19.03	19.52	19.48	20.50
		1	2	19.61	19.69	19.59	20.50
		1	5	19.07	19.60	19.32	20.50
		3	0	19.14	19.32	19.20	20.50
		3	2	19.04	19.40	19.32	20.50
		3	3	19.12	19.32	19.20	20.50
		6	0	19.17	19.33	19.35	20.50
	64QAM	1	0	19.11	19.10	19.15	20.50
		1	2	19.75	19.68	19.54	20.50
		1	5	19.57	19.54	19.41	20.50
		3	0	19.33	19.47	19.05	20.50
		3	2	19.32	19.44	19.38	20.50
		3	3	19.24	19.55	19.30	20.50
		6	0	19.24	19.36	19.35	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	19.11	19.18	19.28	20.50
		1	7	19.75	19.70	19.61	20.50
		1	14	19.64	19.62	19.27	20.50
		8	0	19.24	19.38	19.27	20.50
		8	4	19.36	19.54	19.52	20.50
		8	7	19.39	19.44	19.27	20.50
		15	0	19.34	19.61	19.32	20.50
	16QAM	1	0	19.19	19.65	19.43	20.50
		1	7	19.55	19.51	19.62	20.50
		1	14	19.11	19.52	19.36	20.50
		8	0	19.12	19.42	19.23	20.50
		8	4	19.15	19.37	19.26	20.50
		8	7	19.14	19.45	19.16	20.50
		15	0	19.12	19.42	19.15	20.50
	64QAM	1	0	19.13	19.17	19.35	20.50
		1	7	19.74	19.78	19.61	20.50
		1	14	19.64	19.70	19.33	20.50

		8	0	19.23	19.39	19.26	20.50
		8	4	19.39	19.46	19.45	20.50
		8	7	19.33	19.40	19.21	20.50
		15	0	19.35	19.58	19.26	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	19.05	19.20	19.19	20.50
		1	13	19.42	19.70	19.49	20.50
		1	24	19.62	19.67	19.72	20.50
		12	0	19.27	19.41	19.12	20.50
		12	6	19.20	19.65	19.40	20.50
		12	13	19.42	19.62	19.41	20.50
		25	0	19.23	19.45	19.39	20.50
	16QAM	1	0	19.14	19.70	19.47	20.50
		1	13	19.55	19.57	19.49	20.50
		1	24	19.11	19.62	19.42	20.50
		12	0	19.02	19.30	19.07	20.50
		12	6	19.03	19.36	19.26	20.50
		12	13	19.06	19.32	19.17	20.50
		25	0	19.06	19.43	19.33	20.50
	64QAM	1	0	18.98	19.17	19.24	20.50
		1	13	19.44	19.72	19.54	20.50
		1	24	19.54	19.73	19.76	20.50
		12	0	19.25	19.33	19.10	20.50
		12	6	19.20	19.71	19.44	20.50
		12	13	19.48	19.65	19.41	20.50
		25	0	19.18	19.43	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	19.13	19.13	19.38	20.50
		1	25	19.43	19.68	19.55	20.50
		1	49	19.60	19.63	19.29	20.50
		25	0	19.29	19.50	19.30	20.50
		25	13	19.25	19.64	19.47	20.50
		25	25	19.22	19.48	19.28	20.50
		50	0	19.31	19.42	19.33	20.50
	16QAM	1	0	18.99	19.59	19.43	20.50
		1	25	19.56	19.66	19.62	20.50
		1	49	19.03	19.66	19.45	20.50
		25	0	19.12	19.36	19.16	20.50
		25	13	19.18	19.25	19.38	20.50
		25	25	19.12	19.36	19.17	20.50
		50	0	19.10	19.46	19.25	20.50
	64QAM	1	0	19.09	19.13	19.34	20.50
		1	25	19.41	19.71	19.54	20.50
		1	49	19.61	19.59	19.37	20.50
		25	0	19.26	19.47	19.25	20.50
		25	13	19.19	19.60	19.39	20.50
		25	25	19.18	19.53	19.28	20.50
		50	0	19.24	19.36	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	19.13	19.15	19.28	20.50
		1	38	19.40	19.65	19.52	20.50
		1	74	19.61	19.63	19.36	20.50

		36	0	19.22	19.43	19.22	20.50
		36	18	19.30	19.55	19.43	20.50
		36	39	19.32	19.54	19.35	20.50
		75	0	19.27	19.52	19.41	20.50
	16QAM	1	0	19.09	19.61	19.50	20.50
		1	38	19.61	19.60	19.55	20.50
		1	74	19.12	19.57	19.38	20.50
		36	0	19.06	19.35	19.13	20.50
		36	18	19.11	19.32	19.31	20.50
		36	39	19.13	19.40	19.23	20.50
		75	0	19.15	19.41	19.25	20.50
	64QAM	1	0	19.09	19.09	19.20	20.50
		1	38	19.33	19.68	19.53	20.50
		1	74	19.59	19.61	19.43	20.50
		36	0	19.20	19.45	19.18	20.50
		36	18	19.24	19.63	19.35	20.50
		36	39	19.30	19.61	19.35	20.50
		75	0	19.22	19.56	19.40	20.50

LTE Band 26 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.31	22.18	22.42	23.50
		1	2	22.31	22.32	22.56	23.50
		1	5	22.52	22.55	22.56	23.50
		3	0	22.20	22.27	22.43	23.50
		3	2	22.27	22.38	22.52	23.50
		3	3	22.43	22.47	22.68	23.50
		6	0	22.17	22.30	22.35	23.50
	16QAM	1	0	22.05	22.52	22.54	23.50
		1	2	22.52	22.36	22.29	23.50
		1	5	22.36	22.11	22.35	23.50
		3	0	22.22	22.30	22.23	23.50
		3	2	22.15	22.38	22.42	23.50
		3	3	22.04	22.35	22.38	23.50
		6	0	21.36	21.27	21.53	22.50
	64QAM	1	0	21.44	21.35	21.29	22.50
		1	2	21.20	21.84	21.64	22.50
		1	5	21.49	21.34	21.51	22.50
		3	0	21.67	21.70	21.82	22.50
		3	2	21.66	21.85	21.83	22.50
		3	3	21.52	21.61	21.89	22.50
		6	0	20.56	20.75	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.30	22.12	22.28	23.50
		1	7	22.17	22.44	22.42	23.50
		1	14	22.35	22.40	22.56	23.50
		8	0	22.19	22.35	22.44	23.50
		8	4	22.13	22.30	22.43	23.50
		8	7	22.17	22.37	22.41	23.50
		15	0	22.13	22.38	22.36	23.50

	16QAM	1	0	22.37	22.37	22.51	23.50
		1	7	22.33	22.43	22.45	23.50
		1	14	22.44	22.50	22.47	23.50
		8	0	21.23	21.42	21.43	22.50
		8	4	21.25	21.43	21.47	22.50
		8	7	21.28	21.40	21.46	22.50
		15	0	21.19	21.49	21.49	22.50
	64QAM	1	0	21.42	21.76	21.73	22.50
		1	7	21.45	21.56	21.68	22.50
		1	14	21.31	21.63	21.53	22.50
		8	0	20.57	20.92	20.88	21.50
		8	4	20.56	20.68	20.92	21.50
		8	7	20.62	20.78	20.79	21.50
		15	0	20.68	20.88	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	22.12	22.21	22.32	23.50
		1	13	22.16	22.33	22.57	23.50
		1	24	22.38	22.40	22.67	23.50
		12	0	22.16	22.35	22.47	23.50
		12	6	22.19	22.38	22.42	23.50
		12	13	22.13	22.39	22.39	23.50
		25	0	22.21	22.35	22.42	23.50
	16QAM	1	0	22.60	22.54	22.23	23.50
		1	13	22.42	22.65	22.65	23.50
		1	24	22.36	22.57	22.29	23.50
		12	0	21.17	21.41	21.45	22.50
		12	6	21.16	21.36	21.42	22.50
		12	13	21.11	21.29	21.46	22.50
		25	0	21.19	21.38	21.41	22.50
	64QAM	1	0	21.38	21.66	21.61	22.50
		1	13	21.59	21.73	21.66	22.50
		1	24	21.41	21.64	21.92	22.50
		12	0	20.58	20.88	21.00	21.50
		12	6	20.62	20.85	20.95	21.50
		12	13	20.67	21.00	20.97	21.50
		25	0	20.60	20.89	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	22.21	22.18	22.35	23.50
		1	25	22.25	22.36	22.50	23.50
		1	49	22.45	22.49	22.66	23.50
		25	0	22.06	22.43	22.24	23.50
		25	13	22.11	22.34	22.33	23.50
		25	25	22.23	22.45	22.27	23.50
		50	0	22.22	22.47	22.27	23.50
	16QAM	1	0	22.31	22.56	22.50	23.50
		1	25	22.65	22.61	22.15	23.50
		1	49	22.53	22.48	22.14	23.50
		25	0	21.08	21.43	21.27	22.50
		25	13	21.21	21.37	21.31	22.50
		25	25	21.17	21.40	21.32	22.50
		50	0	21.20	21.49	21.28	22.50
	64QAM	1	0	21.53	21.57	21.31	22.50
		1	25	21.66	21.68	21.60	22.50

		1	49	21.57	21.50	21.69	22.50
		25	0	20.37	20.96	20.71	21.50
		25	13	20.59	20.80	20.91	21.50
		25	25	20.64	20.93	20.81	21.50
		50	0	20.59	20.94	20.87	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	22.19	22.06	22.35	23.50
		1	38	22.19	22.51	22.37	23.50
		1	74	22.27	22.45	22.34	23.50
		36	0	22.09	22.36	22.19	23.50
		36	18	22.31	22.33	22.32	23.50
		36	39	22.23	22.46	22.21	23.50
		75	0	22.23	22.49	22.32	23.50
	16QAM	1	0	22.01	22.41	22.43	23.50
		1	38	22.36	22.33	22.41	23.50
		1	74	22.33	22.30	22.21	23.50
		36	0	21.14	21.35	21.20	22.50
		36	18	21.27	21.39	21.29	22.50
		36	39	21.24	21.47	21.26	22.50
		75	0	21.16	21.45	21.23	22.50
	64QAM	1	0	21.49	21.27	21.33	22.50
		1	38	21.61	21.66	21.58	22.50
		1	74	21.34	21.85	21.46	22.50
		36	0	20.51	20.73	20.78	21.50
		36	18	20.75	20.79	20.65	21.50
		36	39	20.62	20.83	20.82	21.50
		75	0	20.64	20.95	20.91	21.50

LTE Band 38 Sensor off/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	23.34	23.35	23.44	25.00
		1	13	23.30	23.38	23.40	25.00
		1	24	23.30	23.34	23.43	25.00
		12	0	22.33	22.36	22.48	24.00
		12	6	22.29	22.36	22.45	24.00
		12	13	22.27	22.37	22.48	24.00
		25	0	22.36	22.36	22.50	24.00
	16QAM	1	0	22.35	22.29	22.45	24.00
		1	13	22.38	22.38	22.41	24.00
		1	24	22.32	22.39	22.51	24.00
		12	0	21.28	21.34	21.42	23.00
		12	6	21.24	21.29	21.44	23.00
		12	13	21.22	21.37	21.46	23.00
		25	0	21.37	21.40	21.49	23.00
	64QAM	1	0	21.54	21.62	21.68	23.00
		1	13	21.51	21.61	21.62	23.00
		1	24	21.54	21.60	21.65	23.00
		12	0	20.68	20.55	20.72	22.00
		12	6	20.60	20.68	20.62	22.00
		12	13	20.56	20.58	20.72	22.00

Bandwidth	Modulation	25	0	20.68	20.61	20.77	22.00
		RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	23.34	23.35	23.32	25.00
		1	25	23.36	23.34	23.42	25.00
		1	49	23.36	23.31	23.47	25.00
		25	0	22.27	22.36	22.47	24.00
		25	13	22.24	22.32	22.43	24.00
		25	25	22.29	22.44	22.51	24.00
		50	0	22.30	22.43	22.51	24.00
	16QAM	1	0	22.38	22.34	22.38	24.00
		1	25	22.35	22.38	22.44	24.00
		1	49	22.30	22.38	22.55	24.00
		25	0	21.36	21.38	21.50	23.00
		25	13	21.28	21.41	21.52	23.00
		25	25	21.32	21.43	21.55	23.00
		50	0	21.28	21.39	21.49	23.00
	64QAM	1	0	21.68	21.52	21.49	23.00
		1	25	21.59	21.61	21.75	23.00
		1	49	21.68	21.60	21.79	23.00
		25	0	20.47	20.60	20.77	22.00
		25	13	20.53	20.61	20.74	22.00
		25	25	20.60	20.67	20.68	22.00
		50	0	20.54	20.77	20.69	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	23.35	23.31	23.28	25.00
		1	38	23.32	23.37	23.40	25.00
		1	74	23.31	23.36	23.37	25.00
		36	0	22.27	22.34	22.43	24.00
		36	18	22.28	22.36	22.44	24.00
		36	39	22.30	22.40	22.46	24.00
		75	0	22.27	22.38	22.45	24.00
	16QAM	1	0	22.35	22.27	22.35	24.00
		1	38	22.32	22.43	22.44	24.00
		1	74	22.28	22.45	22.51	24.00
		36	0	21.22	21.34	21.40	23.00
		36	18	21.26	21.37	21.41	23.00
		36	39	21.24	21.37	21.42	23.00
		75	0	21.39	21.41	21.44	23.00
	64QAM	1	0	21.58	21.46	21.59	23.00
		1	38	21.59	21.62	21.66	23.00
		1	74	21.58	21.68	21.67	23.00
		36	0	20.51	20.68	20.59	22.00
		36	18	20.43	20.64	20.69	22.00
		36	39	20.46	20.57	20.74	22.00
		75	0	20.47	20.72	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	23.27	23.39	23.26	25.00
		1	50	23.37	23.34	23.39	25.00
		1	99	23.36	23.32	23.26	25.00
		50	0	22.32	22.51	22.50	24.00
		50	25	22.37	22.45	22.49	24.00
		50	50	22.32	22.42	22.46	24.00

		100	0	22.29	22.45	22.43	24.00
	16QAM	1	0	22.27	22.24	22.35	24.00
		1	50	22.34	22.41	22.42	24.00
		1	99	22.27	22.36	22.47	24.00
		50	0	21.32	21.37	21.47	23.00
		50	25	21.34	21.44	21.51	23.00
		50	50	21.33	21.42	21.46	23.00
		100	0	21.27	21.42	21.44	23.00
	64QAM	1	0	21.50	21.61	21.41	23.00
		1	50	21.57	21.69	21.52	23.00
		1	99	21.58	21.57	21.52	23.00
		50	0	20.62	20.76	20.76	22.00
		50	25	20.55	20.77	20.79	22.00
		50	50	20.53	20.58	20.67	22.00
		100	0	20.53	20.61	20.77	22.00

LTE Band 38 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	12.78	12.79	12.93	14.50
		1	13	12.79	12.85	12.93	14.50
		1	24	12.79	12.88	12.93	14.50
		12	0	12.78	12.83	12.95	14.50
		12	6	12.73	12.80	12.90	14.50
		12	13	12.76	12.83	12.91	14.50
		25	0	12.73	12.84	12.86	14.50
	16QAM	1	0	12.76	12.74	12.90	14.50
		1	13	12.70	12.84	12.89	14.50
		1	24	12.80	12.83	12.94	14.50
		12	0	12.71	12.74	12.87	14.50
		12	6	12.69	12.76	12.86	14.50
		12	13	12.71	12.79	12.89	14.50
		25	0	12.77	12.84	12.90	14.50
	64QAM	1	0	12.77	12.76	13.02	14.50
		1	13	12.84	12.81	12.93	14.50
		1	24	12.88	12.83	13.01	14.50
		12	0	12.78	12.87	13.02	14.50
		12	6	12.83	12.89	12.92	14.50
		12	13	12.78	12.90	12.88	14.50
		25	0	12.68	12.86	12.86	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	12.80	12.75	12.86	14.50
		1	25	12.79	12.87	12.92	14.50
		1	49	12.73	12.87	12.94	14.50
		25	0	12.72	12.78	12.89	14.50
		25	13	12.68	12.84	12.89	14.50
		25	25	12.71	12.84	12.95	14.50
		50	0	12.77	12.91	12.91	14.50
	16QAM	1	0	12.75	12.75	12.86	14.50
		1	25	12.73	12.81	12.92	14.50
		1	49	12.76	12.80	12.92	14.50

		25	0	12.76	12.80	12.93	14.50
		25	13	12.76	12.86	12.91	14.50
		25	25	12.77	12.90	12.94	14.50
		50	0	12.72	12.82	12.88	14.50
	64QAM	1	0	12.82	12.82	12.91	14.50
		1	25	12.87	12.96	12.87	14.50
		1	49	12.77	12.93	13.03	14.50
		25	0	12.82	12.75	12.84	14.50
		25	13	12.69	12.87	12.95	14.50
		25	25	12.76	12.83	12.98	14.50
		50	0	12.74	12.93	12.99	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	12.73	12.73	12.83	14.50
		1	38	12.74	12.83	12.90	14.50
		1	74	12.73	12.84	12.93	14.50
		36	0	12.70	12.79	12.83	14.50
		36	18	12.72	12.83	12.86	14.50
		36	39	12.73	12.83	12.84	14.50
		75	0	12.69	12.84	12.83	14.50
	16QAM	1	0	12.74	12.69	12.78	14.50
		1	38	12.71	12.84	12.87	14.50
		1	74	12.72	12.83	12.90	14.50
		36	0	12.71	12.75	12.83	14.50
		36	18	12.68	12.80	12.83	14.50
		36	39	12.68	12.79	12.85	14.50
		75	0	12.72	12.75	12.77	14.50
	64QAM	1	0	12.78	12.82	12.82	14.50
		1	38	12.70	12.81	12.92	14.50
		1	74	12.71	12.93	12.96	14.50
		36	0	12.69	12.85	12.84	14.50
		36	18	12.69	12.78	12.88	14.50
		36	39	12.70	12.80	12.85	14.50
		75	0	12.68	12.91	12.91	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	12.67	12.63	12.77	14.50
		1	50	12.77	12.83	12.81	14.50
		1	99	12.67	12.82	12.81	14.50
		50	0	12.72	12.78	12.90	14.50
		50	25	12.73	12.87	12.93	14.50
		50	50	12.72	12.85	12.90	14.50
		100	0	12.72	12.84	12.86	14.50
	16QAM	1	0	12.69	12.62	12.78	14.50
		1	50	12.70	12.85	12.88	14.50
		1	99	12.68	12.77	12.83	14.50
		50	0	12.74	12.79	12.88	14.50
		50	25	12.77	12.84	12.81	14.50
		50	50	12.72	12.86	12.92	14.50
		100	0	12.67	12.86	12.85	14.50
	64QAM	1	0	12.72	12.70	12.77	14.50
		1	50	12.77	12.78	12.90	14.50
		1	99	12.65	12.79	12.79	14.50
		50	0	12.81	12.86	12.97	14.50
		50	25	12.79	12.90	13.03	14.50

		50	50	12.72	12.83	12.95	14.50
		100	0	12.69	12.88	12.93	14.50

LTE Band 38 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	14.15	14.22	14.18	16.00
		1	13	14.15	14.38	14.32	16.00
		1	24	14.13	14.41	14.43	16.00
		12	0	14.20	14.16	14.32	16.00
		12	6	14.07	14.24	14.21	16.00
		12	13	14.15	14.29	14.27	16.00
		25	0	14.24	14.36	14.40	16.00
	16QAM	1	0	14.27	14.11	14.30	16.00
		1	13	14.09	14.39	14.31	16.00
		1	24	14.25	14.22	14.21	16.00
		12	0	14.10	14.26	14.25	16.00
		12	6	14.16	14.19	14.38	16.00
		12	13	14.19	14.29	14.23	16.00
		25	0	14.14	14.28	14.25	16.00
	64QAM	1	0	14.22	14.28	14.17	16.00
		1	13	14.17	14.46	14.39	16.00
		1	24	14.09	14.41	14.41	16.00
		12	0	14.15	14.11	14.30	16.00
		12	6	14.05	14.27	14.30	16.00
		12	13	14.20	14.34	14.33	16.00
		25	0	14.32	14.43	14.47	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.18	14.25	14.26	16.00
		1	25	14.17	14.37	14.43	16.00
		1	49	14.23	14.27	14.35	16.00
		25	0	14.09	14.20	14.22	16.00
		25	13	14.20	14.32	14.26	16.00
		25	25	14.21	14.32	14.39	16.00
		50	0	14.18	14.27	14.45	16.00
	16QAM	1	0	14.24	14.11	14.23	16.00
		1	25	14.20	14.40	14.28	16.00
		1	49	14.27	14.19	14.35	16.00
		25	0	14.13	14.28	14.30	16.00
		25	13	14.16	14.21	14.28	16.00
		25	25	14.03	14.27	14.41	16.00
		50	0	14.20	14.29	14.29	16.00
	64QAM	1	0	14.21	14.30	14.26	16.00
		1	25	14.19	14.42	14.42	16.00
		1	49	14.23	14.26	14.34	16.00
		25	0	14.08	14.23	14.25	16.00
		25	13	14.18	14.33	14.24	16.00
		25	25	14.27	14.40	14.38	16.00
		50	0	14.21	14.34	14.44	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	

15MHz	QPSK	1	0	14.24	14.17	14.22	16.00
		1	38	14.17	14.32	14.38	16.00
		1	74	14.20	14.33	14.37	16.00
		36	0	14.16	14.23	14.30	16.00
		36	18	14.14	14.25	14.31	16.00
		36	39	14.15	14.28	14.33	16.00
		75	0	14.16	14.29	14.46	16.00
	16QAM	1	0	14.22	14.20	14.28	16.00
		1	38	14.18	14.32	14.34	16.00
		1	74	14.19	14.28	14.38	16.00
		36	0	14.13	14.21	14.30	16.00
		36	18	14.18	14.22	14.31	16.00
		36	39	14.13	14.27	14.32	16.00
		75	0	14.18	14.29	14.28	16.00
	64QAM	1	0	14.21	14.23	14.25	16.00
		1	38	14.19	14.28	14.34	16.00
		1	74	14.27	14.36	14.43	16.00
		36	0	14.20	14.31	14.35	16.00
		36	18	14.23	14.34	14.36	16.00
		36	39	14.19	14.38	14.29	16.00
		75	0	14.22	14.28	14.46	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	14.17	14.11	14.24	16.00
		1	50	14.24	14.32	14.31	16.00
		1	99	14.17	14.27	14.28	16.00
		50	0	14.20	14.39	14.39	16.00
		50	25	14.23	14.33	14.38	16.00
		50	50	14.25	14.33	14.35	16.00
		100	0	14.21	14.31	14.35	16.00
	16QAM	1	0	14.16	14.12	14.28	16.00
		1	50	14.17	14.32	14.35	16.00
		1	99	14.17	14.27	14.23	16.00
		50	0	14.24	14.27	14.36	16.00
		50	25	14.22	14.37	14.25	16.00
		50	50	14.27	14.34	14.38	16.00
		100	0	14.18	14.27	14.34	16.00
	64QAM	1	0	14.27	14.08	14.21	16.00
		1	50	14.24	14.38	14.27	16.00
		1	99	14.15	14.33	14.31	16.00
		50	0	14.30	14.43	14.38	16.00
		50	25	14.29	14.30	14.37	16.00
		50	50	14.24	14.35	14.35	16.00
		100	0	14.18	14.35	14.44	16.00

LTE Band 38 Sensor on(A)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.23	19.25	19.34	21.00
		1	13	19.37	19.33	19.40	21.00
		1	24	19.36	19.41	19.32	21.00
		12	0	19.29	19.45	19.39	21.00

		12	6	19.28	19.37	19.38	21.00
		12	13	19.21	19.44	19.53	21.00
		25	0	19.26	19.35	19.47	21.00
	16QAM	1	0	19.32	19.29	19.29	21.00
		1	13	19.30	19.44	19.43	21.00
		1	24	19.33	19.32	19.46	21.00
		12	0	19.36	19.30	19.39	21.00
		12	6	19.47	19.37	19.31	21.00
		12	13	19.27	19.46	19.50	21.00
		25	0	19.29	19.40	19.38	21.00
	64QAM	1	0	19.25	19.28	19.30	21.00
		1	13	19.42	19.34	19.36	21.00
		1	24	19.34	19.46	19.35	21.00
		12	0	19.36	19.53	19.38	21.00
		12	6	19.23	19.40	19.36	21.00
		12	13	19.16	19.40	19.59	21.00
		25	0	19.23	19.45	19.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	37800	38000	38200	21.00
		1	25	19.56	19.16	19.31	21.00
		1	49	19.30	19.39	19.32	21.00
		25	0	19.30	19.49	19.35	21.00
		25	13	19.22	19.34	19.40	21.00
		25	25	19.23	19.51	19.55	21.00
		50	0	19.38	19.45	19.40	21.00
	16QAM	1	0	19.34	19.36	19.55	21.00
		1	25	19.34	19.19	19.27	21.00
		1	49	19.31	19.51	19.42	21.00
		25	0	19.26	19.37	19.48	21.00
		25	13	19.37	19.23	19.54	21.00
		25	25	19.53	19.42	19.35	21.00
		50	0	19.37	19.44	19.50	21.00
	64QAM	1	0	19.23	19.34	19.41	21.00
		1	25	19.52	19.13	19.39	21.00
		1	49	19.33	19.34	19.37	21.00
		25	0	19.30	19.53	19.40	21.00
		25	13	19.25	19.33	19.43	21.00
		25	25	19.20	19.56	19.56	21.00
		50	0	19.34	19.45	19.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	37825	38000	38175	21.00
		1	38	19.36	19.19	19.40	21.00
		1	74	19.23	19.43	19.31	21.00
		36	0	19.28	19.38	19.51	21.00
		36	18	19.38	19.35	19.48	21.00
		36	39	19.28	19.36	19.56	21.00
		75	0	19.21	19.50	19.36	21.00
	16QAM	1	0	19.20	19.40	19.47	21.00
		1	38	19.34	19.15	19.29	21.00
		1	74	19.26	19.37	19.45	21.00
		36	0	19.20	19.23	19.39	21.00
		36	18	19.27	19.32	19.39	21.00
		36	39	19.36	19.36	19.33	21.00
		36	0	19.30	19.34	19.42	21.00

		75	0	19.36	19.38	19.49	21.00
	64QAM	1	0	19.31	19.17	19.38	21.00
		1	38	19.28	19.38	19.40	21.00
		1	74	19.23	19.45	19.53	21.00
		36	0	19.45	19.31	19.48	21.00
		36	18	19.31	19.35	19.64	21.00
		36	39	19.27	19.48	19.43	21.00
		75	0	19.28	19.40	19.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	19.26	19.20	19.31	21.00
		1	50	19.30	19.40	19.40	21.00
		1	99	19.28	19.42	19.41	21.00
		50	0	19.29	19.35	19.48	21.00
		50	25	19.29	19.43	19.47	21.00
		50	50	19.31	19.43	19.43	21.00
		100	0	19.26	19.36	19.45	21.00
	16QAM	1	0	19.29	19.22	19.33	21.00
		1	50	19.33	19.44	19.40	21.00
		1	99	19.28	19.32	19.39	21.00
		50	0	19.29	19.33	19.44	21.00
		50	25	19.43	19.44	19.40	21.00
		50	50	19.32	19.41	19.46	21.00
		100	0	19.31	19.33	19.47	21.00
	64QAM	1	0	19.33	19.16	19.36	21.00
		1	50	19.29	19.46	19.42	21.00
		1	99	19.23	19.37	19.49	21.00
		50	0	19.29	19.30	19.46	21.00
		50	25	19.33	19.52	19.47	21.00
		50	50	19.26	19.40	19.39	21.00
		100	0	19.25	19.39	19.55	21.00

LTE Band 41 Sensor off/Receiver 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	23.70	23.53	23.63	23.69	23.57	25.00
		1	13	23.72	23.61	23.68	23.70	23.62	25.00
		1	24	23.66	23.58	23.66	23.72	23.59	25.00
		12	0	22.69	22.55	22.66	22.74	22.72	24.00
		12	6	22.70	22.58	22.58	22.68	22.66	24.00
		12	13	22.74	22.59	22.58	22.71	22.66	24.00
		25	0	22.70	22.56	22.63	22.73	22.67	24.00
	16QAM	1	0	22.70	22.57	22.62	22.71	22.65	24.00
		1	13	22.76	22.56	22.61	22.69	22.71	24.00
		1	24	22.70	22.64	22.67	22.69	22.70	24.00
		12	0	21.67	21.55	21.60	21.67	21.70	23.00
		12	6	21.65	21.53	21.55	21.65	21.68	23.00
		12	13	21.65	21.54	21.58	21.67	21.62	23.00
		25	0	21.75	21.58	21.67	21.74	21.75	23.00
	64QAM	1	0	21.47	21.28	21.43	21.50	21.38	23.00
		1	13	21.51	21.45	21.51	21.52	21.42	23.00
		1	24	21.46	21.40	21.49	21.55	21.44	23.00
		12	0	20.58	20.47	20.53	20.62	20.65	22.00
		12	6	20.60	20.47	20.47	20.57	20.56	22.00
		12	13	20.65	20.52	20.43	20.56	20.60	22.00

Bandwidth	Modulation	25	0	20.65	20.48	20.51	20.67	20.56	22.00
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	25.00
		1	25	23.74	23.54	23.58	23.79	23.60	25.00
		1	49	23.67	23.55	23.68	23.72	23.61	25.00
		1	49	23.68	23.53	23.68	23.73	23.56	25.00
		25	0	22.70	22.53	22.62	22.73	22.72	24.00
		25	13	22.70	22.56	22.61	22.70	22.68	24.00
		25	25	22.63	22.55	22.64	22.73	22.69	24.00
	16QAM	50	0	22.79	22.59	22.68	22.75	22.78	24.00
		1	0	22.76	22.50	22.59	22.72	22.72	24.00
		1	25	22.68	22.59	22.64	22.68	22.71	24.00
		1	49	22.60	22.57	22.64	22.70	22.67	24.00
		25	0	21.75	21.52	21.66	21.74	21.72	23.00
		25	13	21.75	21.57	21.63	21.75	21.74	23.00
		25	25	21.67	21.60	21.68	21.73	21.76	23.00
	64QAM	50	0	21.69	21.56	21.69	21.81	21.74	23.00
		1	0	21.56	21.34	21.35	21.62	21.41	23.00
		1	25	21.48	21.37	21.53	21.50	21.40	23.00
		1	49	21.52	21.32	21.51	21.55	21.39	23.00
		25	0	20.64	20.39	20.48	20.66	20.65	22.00
		25	13	20.58	20.44	20.49	20.62	20.59	22.00
		25	25	20.56	20.43	20.56	20.64	20.57	22.00
		50	0	20.70	20.44	20.53	20.65	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.71	23.53	23.58	23.70	23.68	25.00
		1	38	23.71	23.60	23.72	23.73	23.63	25.00
		1	74	23.67	23.58	23.61	23.68	23.55	25.00
		36	0	22.73	22.56	22.56	22.70	22.70	24.00
		36	18	22.69	22.58	22.60	22.72	22.66	24.00
		36	39	22.65	22.55	22.63	22.68	22.69	24.00
		75	0	22.67	22.60	22.63	22.76	22.70	24.00
	16QAM	1	0	22.69	22.53	22.56	22.66	22.76	24.00
		1	38	22.68	22.67	22.68	22.71	22.68	24.00
		1	74	22.69	22.56	22.62	22.66	22.67	24.00
		36	0	21.66	21.62	21.52	21.69	21.69	23.00
		36	18	21.65	21.53	21.63	21.64	21.66	23.00
		36	39	21.62	21.51	21.61	21.68	21.67	23.00
		75	0	21.78	21.59	21.72	21.75	21.68	23.00
	64QAM	1	0	21.51	21.28	21.41	21.49	21.45	23.00
		1	38	21.54	21.44	21.51	21.49	21.46	23.00
		1	74	21.50	21.39	21.43	21.51	21.37	23.00
		36	0	20.68	20.50	20.50	20.55	20.57	22.00
		36	18	20.55	20.46	20.53	20.59	20.61	22.00
		36	39	20.50	20.46	20.51	20.63	20.54	22.00
		75	0	20.56	20.53	20.54	20.62	20.55	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.68	23.51	23.76	23.70	23.60	25.00
		1	50	23.66	23.66	23.68	23.69	23.76	25.00
		1	99	23.64	23.53	23.58	23.63	23.54	25.00
		50	0	22.73	22.64	22.60	22.74	22.81	24.00
		50	25	22.73	22.64	22.69	22.79	22.77	24.00
		50	50	22.69	22.64	22.71	22.77	22.74	24.00
		100	0	22.71	22.62	22.67	22.74	22.73	24.00
	16QAM	1	0	22.69	22.56	22.53	22.65	22.68	24.00
		1	50	22.74	22.61	22.67	22.74	22.73	24.00
		1	99	22.61	22.62	22.58	22.66	22.63	24.00
		50	0	21.75	21.61	21.70	21.75	21.81	23.00
		50	25	21.76	21.61	21.68	21.77	21.78	23.00
		50	50	21.65	21.68	21.72	21.76	21.75	23.00

		100	0	21.69	21.62	21.67	21.75	21.67	23.00
	64QAM	1	0	21.47	21.29	21.54	21.51	21.44	23.00
		1	50	21.44	21.41	21.48	21.45	21.45	23.00
		1	99	21.39	21.31	21.39	21.47	21.30	23.00
		50	0	20.62	20.58	20.47	20.60	20.70	22.00
		50	25	20.65	20.50	20.64	20.74	20.70	22.00
		50	50	20.62	20.56	20.64	20.62	20.68	22.00
		100	0	20.62	20.49	20.52	20.65	20.62	22.00

LTE Band 41 Receiver on&Receiver on+WLAN				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	13.12	13.20	13.07	13.10	13.08	14.50
		1	13	13.17	13.09	13.12	13.13	13.09	14.50
		1	24	13.13	12.98	13.10	13.13	13.09	14.50
		12	0	13.16	12.99	13.08	13.17	13.13	14.50
		12	6	13.15	13.01	13.10	13.12	13.17	14.50
		12	13	13.14	12.99	13.04	13.15	13.09	14.50
	16QAM	25	0	13.11	12.98	13.10	13.18	13.16	14.50
		1	0	13.15	12.90	13.06	13.06	13.11	14.50
		1	13	13.17	13.03	13.08	13.10	13.15	14.50
		1	24	13.12	13.01	13.06	13.14	13.15	14.50
		12	0	13.13	12.99	13.03	13.07	13.10	14.50
		12	6	13.11	12.96	12.99	13.07	13.06	14.50
	64QAM	12	13	13.09	12.92	12.99	13.11	13.05	14.50
		25	0	13.06	13.02	13.06	13.19	13.19	14.50
		1	0	13.14	13.21	13.04	13.10	12.98	14.50
		1	13	13.15	13.06	13.09	13.12	13.00	14.50
		1	24	13.14	12.97	13.08	13.04	13.02	14.50
		12	0	13.15	12.94	13.00	13.13	13.10	14.50
10MHz	QPSK	12	6	13.12	12.93	13.08	13.12	13.19	14.50
		12	13	13.15	12.95	13.05	13.06	13.09	14.50
		25	0	13.03	12.91	13.06	13.15	13.10	14.50
	16QAM	1	0	13.17	12.95	13.02	13.12	13.15	14.50
		1	25	13.17	13.03	13.08	13.20	13.10	14.50
		1	49	13.06	12.98	13.11	13.13	13.09	14.50
	64QAM	25	0	13.16	12.98	13.04	13.16	13.10	14.50
		25	13	13.12	13.02	13.09	13.14	13.15	14.50
		25	25	13.14	12.98	13.10	13.22	13.09	14.50
	16QAM	50	0	13.13	13.03	13.15	13.12	13.18	14.50
		1	0	13.18	12.96	13.01	13.13	13.16	14.50
		1	25	13.14	13.05	13.09	13.14	13.13	14.50
		1	49	13.06	12.97	13.09	13.13	13.11	14.50
		25	0	13.16	13.02	13.06	13.21	13.15	14.50
		25	13	13.18	13.02	13.09	13.17	13.17	14.50
15MHz	QPSK	25	25	13.10	13.02	13.11	13.18	13.13	14.50
		50	0	13.20	12.98	13.15	13.20	13.12	14.50
	16QAM	1	0	13.17	12.97	12.94	13.12	13.08	14.50
		1	25	13.17	13.04	13.05	13.11	13.02	14.50
		1	49	13.02	12.90	13.07	13.12	12.99	14.50
	64QAM	25	0	13.10	12.94	12.96	13.09	13.12	14.50
		25	13	13.05	12.97	12.99	13.05	13.14	14.50
		25	25	13.10	12.99	13.00	13.18	13.11	14.50
		50	0	13.03	12.96	13.13	13.05	13.14	14.50
	16QAM	1	0	13.17	12.95	13.02	13.12	13.15	14.50
		1	25	13.17	13.03	13.08	13.20	13.10	14.50
		1	49	13.06	12.98	13.11	13.13	13.09	14.50
		25	0	13.16	12.98	13.04	13.16	13.10	14.50
		25	13	13.12	13.02	13.09	13.14	13.15	14.50
		25	25	13.14	12.98	13.10	13.22	13.09	14.50
15MHz	QPSK	50	0	13.13	13.03	13.15	13.12	13.18	14.50
		1	0	13.18	12.96	13.01	13.13	13.16	14.50
		1	25	13.14	13.05	13.09	13.14	13.13	14.50
		1	49	13.06	12.97	13.09	13.13	13.11	14.50
		25	0	13.16	13.02	13.06	13.21	13.15	14.50
		25	13	13.18	13.02	13.09	13.17	13.17	14.50
	16QAM	25	25	13.10	13.02	13.11	13.18	13.13	14.50
		50	0	13.20	12.98	13.15	13.20	13.12	14.50
	64QAM	1	0	13.17	12.97	12.94	13.12	13.08	14.50
		1	25	13.17	13.04	13.05	13.11	13.02	14.50
		1	49	13.02	12.90	13.07	13.12	12.99	14.50
		25	0	13.10	12.94	12.96	13.09	13.12	14.50
		25	13	13.05	12.97	12.99	13.05	13.14	14.50
		25	25	13.10	12.99	13.00	13.18	13.11	14.50
15MHz	QPSK	50	0	13.03	12.96	13.13	13.05	13.14	14.50
		1	0	13.17	12.95	13.02	13.12	13.15	14.50
		1	25	13.17	13.03	13.08	13.20	13.10	14.50
		1	49	13.06	12.98	13.11	13.13	13.09	14.50
		25	0	13.16	12.98	13.04	13.16	13.10	14.50
		25	13	13.12	13.02	13.09	13.14	13.15	14.50
	16QAM	25	25	13.14	12.98	13.10	13.22	13.09	14.50
		50	0	13.13	13.03	13.15	13.12	13.18	14.50
	64QAM	1	0	13.18	12.96	13.01	13.13	13.16	14.50
		1	25	13.14	13.05	13.09	13.14	13.13	14.50
		1	49	13.06	12.97	13.09	13.13	13.11	14.50
		25	0	13.16	13.02	13.06	13.21	13.15	14.50
		25	13	13.18	13.02	13.09	13.17	13.17	14.50
		25	25	13.10	13.02	13.11	13.18	13.13	14.50
15MHz	QPSK	50	0	13.20	12.98	13.15	13.20	13.12	14.50
		1	0	13.17	12.97	12.94	13.12	13.08	14.50
		1	25	13.17	13.04	13.05	13.11	13.02	14.50
		1	49	13.02	12.90	13.07	13.12	12.99	14.50
		25	0	13.10	12.94	12.96	13.09	13.12	14.50
		25	13	13.05	12.97	12.99	13.05	13.14	14.50
	16QAM	25	25	13.10	12.99	13.00	13.18	13.11	14.50
		50	0	13.03	12.96	13.13	13.05	13.14	14.50
	64QAM	1	0	13.17	12.95	13.02	13.12	13.15	14.50
		1	25	13.17	13.03	13.08	13.20	13.10	14.50
		1	49	13.06	12.98	13.11	13.13	13.09	14.50
		25	0	13.16	12.98	13.04	13.16	13.10	14.50
		25	13	13.12	13.02	13.09	13.14	13.15	14.50
		25	25	13.14	12.98	13.10	13.22	13.09	14.50
15MHz	QPSK	50	0	13.13	13.03	13.15	13.12	13.18	14.50
		1	0	13.18	12.96	13.01	13.13	13.16	14.50
		1	25	13.14	13.05	13.09	13.14	13.13	14.50
		1	49	13.06	12.97	13.09	13.13	13.11	14.50
		25	0	13.16	13.02	13.06	13.21	13.15	14.50
		25	13	13.18	13.02	13.09	13.17	13.17	14.50
	16QAM	25	25	13.10	13.02	13.11	13.18	13.13	14.50
		50	0	13.20	12.98	13.15	13.20	13.12	14.50
	64QAM	1	0	13.17	12.97	12.94	13.12	13.08	14.50
		1	25	13.17	13.04	13.05	13.11	13.02	14.50
		1	49	13.02	12.90	13.07	13.12	12.99	14.50
		25	0	13.10	12.94	12.96	13.09	13.12	14.50
		25	13	13.05	12.97	12.99	13.05	13.14	14.50
		25	25	13.10	12.99	13.00	13.18	13.11	14.50
15MHz	QPSK	50	0	13.03	12.96	13.13	13.05	13.14	14.50
		1	0	13.17	12.95	13.02	13.12	13.15	14.50
		1	25	13.17	13.03	13.08	13.20	13.10	14.50
		1	49	13.06	12.98	13.11	13.13	13.09	14.50
		25	0	13.16	12.98	13.04	13.16	13.10	14.50
		25	13	13.12	13.02	13.09	13.14	13.15	14.50
	16QAM	25	25	13.14	12.98	13.10	13.22	13.09	14.50
		50	0	13.13	13.03	13.15	13.12	13.18	14.50
	64QAM	1	0	13.18	12.96	13.01	13.13	13.16	14.50
		1	25	13.14	13.05	13.09	13.14	13.13	14.50
		1	49	13.06	12.97	13.09	13.13	13.11	14.5

		1	38	13.10	13.03	13.09	13.19	13.10	14.50
		1	74	13.05	12.97	13.07	13.09	13.05	14.50
		36	0	13.14	13.00	13.02	13.15	13.11	14.50
		36	18	13.09	12.99	13.06	13.08	13.06	14.50
		36	39	13.05	12.99	13.08	13.14	13.11	14.50
		75	0	13.05	12.95	13.02	13.15	13.10	14.50
	16QAM	1	0	13.18	12.99	12.99	13.12	13.10	14.50
		1	38	13.13	13.07	13.08	13.09	13.13	14.50
		1	74	13.06	13.02	13.06	13.12	13.08	14.50
		36	0	13.11	12.98	13.04	13.09	13.07	14.50
		36	18	13.11	12.96	13.04	13.10	13.07	14.50
		36	39	13.06	12.95	13.03	13.11	13.09	14.50
		75	0	13.02	13.01	13.12	13.11	13.13	14.50
	64QAM	1	0	13.09	12.95	12.95	13.04	13.13	14.50
		1	38	13.10	12.98	13.00	13.21	13.01	14.50
		1	74	13.06	12.89	13.02	12.99	13.01	14.50
		36	0	13.09	12.90	12.96	13.15	13.07	14.50
		36	18	13.10	12.95	13.00	13.09	13.06	14.50
		36	39	12.99	12.96	13.04	13.05	13.07	14.50
		75	0	13.03	12.95	12.98	13.14	13.01	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	13.12	12.90	12.94	13.03	13.09	14.50
		1	50	13.11	13.20	13.06	13.15	13.20	14.50
		1	99	13.03	12.94	13.02	13.05	13.05	14.50
		50	0	13.14	13.02	13.08	13.16	13.17	14.50
		50	25	13.13	13.00	13.08	13.15	13.14	14.50
		50	50	13.06	13.07	13.18	13.12	13.12	14.50
		100	0	13.07	13.04	13.04	13.09	13.11	14.50
	16QAM	1	0	13.13	12.90	12.89	13.07	13.10	14.50
		1	50	13.08	13.08	13.09	13.13	13.15	14.50
		1	99	13.06	12.95	12.99	13.06	12.99	14.50
		50	0	13.16	13.02	13.09	13.17	13.16	14.50
		50	25	13.15	13.04	13.12	13.00	13.18	14.50
		50	50	13.11	13.05	13.09	13.16	13.11	14.50
		100	0	13.12	12.97	13.16	13.10	13.10	14.50
	64QAM	1	0	13.08	12.81	12.85	13.04	13.07	14.50
		1	50	13.10	13.22	13.04	13.17	13.06	14.50
		1	99	13.00	12.89	13.03	12.96	12.98	14.50
		50	0	13.13	12.97	13.00	13.17	13.17	14.50
		50	25	13.09	12.97	13.04	13.11	13.13	14.50
		50	50	12.98	13.02	13.18	13.02	13.02	14.50
		100	0	13.05	13.05	13.00	13.03	13.04	14.50

LTE Band 41 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	14.99	15.09	15.12	15.03	15.02	16.50
		1	13	15.17	15.11	15.14	15.09	15.08	16.50
		1	24	15.08	15.01	15.01	15.08	14.94	16.50
		12	0	15.02	15.06	15.01	15.05	15.04	16.50
		12	6	14.91	15.15	15.07	14.94	15.06	16.50
		12	13	15.05	15.08	15.01	15.03	15.15	16.50
		25	0	15.07	15.18	15.03	15.03	15.27	16.50
	16QAM	1	0	15.00	15.00	15.12	15.08	15.06	16.50
		1	13	14.99	15.19	15.09	15.00	15.26	16.50
		1	24	15.14	15.14	14.95	15.06	15.08	16.50
		12	0	14.95	15.02	15.09	14.96	14.99	16.50
		12	6	14.97	14.96	14.96	15.07	14.94	16.50
		12	13	15.05	15.08	15.01	15.03	15.15	16.50

		12	13	15.08	15.11	15.06	15.16	15.17	16.50
		25	0	15.12	15.12	15.20	15.18	15.20	16.50
	64QAM	1	0	14.96	15.08	15.08	15.02	15.01	16.50
		1	13	15.10	15.08	15.08	15.11	15.07	16.50
		1	24	15.06	14.93	14.95	15.02	14.95	16.50
		12	0	14.95	15.03	14.99	15.01	15.02	16.50
		12	6	14.93	15.06	15.00	14.86	15.02	16.50
		12	13	15.02	15.01	14.91	14.93	15.08	16.50
		25	0	15.06	15.09	15.01	14.93	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
	QPSK	1	0	14.93	15.06	15.14	15.00	14.99	16.50
		1	25	14.98	15.01	15.16	14.89	14.94	16.50
		1	49	15.05	15.06	15.09	15.07	15.09	16.50
		25	0	15.05	15.03	14.98	15.02	15.12	16.50
		25	13	15.05	15.08	15.00	15.10	15.09	16.50
		25	25	14.99	15.04	15.03	14.89	15.14	16.50
		50	0	14.96	15.27	15.03	15.06	15.30	16.50
	16QAM	1	0	14.94	15.13	15.07	15.02	15.04	16.50
		1	25	15.16	15.14	15.12	14.96	15.14	16.50
		1	49	15.08	15.02	15.00	14.99	14.97	16.50
		25	0	15.01	15.16	15.01	14.95	15.24	16.50
		25	13	14.97	15.12	15.07	14.89	15.12	16.50
		25	25	15.10	15.04	14.94	15.19	15.13	16.50
		50	0	15.12	15.12	15.08	15.16	15.07	16.50
	64QAM	1	0	14.90	15.03	15.06	14.93	14.89	16.50
		1	25	14.95	15.00	15.07	14.86	14.93	16.50
		1	49	15.00	14.98	15.11	15.00	15.08	16.50
		25	0	15.02	15.03	14.89	14.92	15.13	16.50
		25	13	15.02	15.05	14.96	15.08	15.01	16.50
		25	25	14.94	14.94	14.96	14.79	15.04	16.50
		50	0	14.98	15.28	14.99	14.99	15.20	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
	QPSK	1	0	15.15	14.90	14.97	15.03	15.08	16.50
		1	38	15.10	15.03	15.07	15.09	15.08	16.50
		1	74	15.01	14.95	15.03	15.04	15.02	16.50
		36	0	15.10	14.90	14.95	15.10	15.07	16.50
		36	18	15.05	14.96	15.01	15.07	15.10	16.50
		36	39	15.04	14.92	15.00	15.08	15.04	16.50
		75	0	15.07	14.97	15.05	15.17	15.10	16.50
	16QAM	1	0	15.17	14.95	15.02	15.08	15.09	16.50
		1	38	15.11	15.04	15.08	15.12	15.10	16.50
		1	74	15.04	15.01	15.05	15.09	15.03	16.50
		36	0	15.09	14.90	14.94	15.07	15.02	16.50
		36	18	15.05	14.95	14.98	15.06	15.04	16.50
		36	39	15.03	14.94	15.01	15.04	15.04	16.50
		75	0	15.02	15.00	15.08	15.13	15.10	16.50
	64QAM	1	0	15.07	14.80	14.91	14.96	15.07	16.50
		1	38	15.07	15.05	14.98	15.00	15.06	16.50
		1	74	14.96	14.90	14.93	15.00	14.94	16.50
		36	0	15.12	14.86	14.90	15.03	14.97	16.50
		36	18	15.05	14.90	14.95	15.06	15.11	16.50
		36	39	14.98	14.87	14.95	15.10	15.00	16.50
		75	0	14.97	14.87	15.00	15.18	15.00	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
	QPSK	1	0	15.10	14.88	14.91	15.19	15.09	16.50
		1	50	15.14	15.08	15.10	15.09	15.08	16.50
		1	99	15.01	14.96	15.01	15.02	14.99	16.50
		50	0	15.12	15.01	15.20	15.14	15.20	16.50
		50	25	15.14	15.02	15.10	15.17	15.13	16.50

		50	50	15.05	15.05	15.09	15.14	15.13	16.50
		100	0	15.09	15.02	15.04	15.16	15.10	16.50
	16QAM	1	0	15.11	14.95	14.98	15.08	15.10	16.50
		1	50	15.13	15.00	15.08	15.16	15.14	16.50
		1	99	15.05	14.97	15.03	15.06	15.00	16.50
		50	0	15.14	15.01	15.06	15.17	15.17	16.50
		50	25	15.14	15.03	15.10	15.19	15.13	16.50
		50	50	15.09	15.00	15.10	15.15	15.11	16.50
		100	0	15.11	14.98	15.05	15.13	15.09	16.50
	64QAM	1	0	15.02	14.81	14.92	15.10	14.99	16.50
		1	50	15.15	15.00	15.07	15.06	15.10	16.50
		1	99	14.94	14.86	14.96	14.94	14.89	16.50
		50	0	15.02	14.91	15.19	15.13	15.15	16.50
		50	25	15.11	15.02	15.04	15.08	15.04	16.50
		50	50	14.95	14.97	15.10	15.15	15.03	16.50
		100	0	15.11	14.97	14.96	15.10	15.04	16.50

LTE Band 41 Sensor on(A)				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	19.61	19.61	19.78	19.59	19.60	21.00
		1	13	19.52	19.74	19.66	19.42	19.72	21.00
		1	24	19.55	19.69	19.46	19.63	19.68	21.00
		12	0	19.64	19.60	19.66	19.70	19.59	21.00
		12	6	19.72	19.66	19.60	19.80	19.57	21.00
		12	13	19.69	19.75	19.66	19.76	19.81	21.00
	16QAM	25	0	19.56	19.61	19.61	19.50	19.59	21.00
		1	0	19.48	19.69	19.62	19.41	19.67	21.00
		1	13	19.62	19.74	19.71	19.64	19.65	21.00
		1	24	19.50	19.71	19.62	19.55	19.77	21.00
		12	0	19.64	19.82	19.63	19.64	19.75	21.00
		12	6	19.75	19.68	19.75	19.74	19.75	21.00
	64QAM	12	13	19.73	19.69	19.71	19.72	19.68	21.00
		25	0	19.69	19.67	19.68	19.74	19.71	21.00
		1	0	19.52	19.51	19.72	19.49	19.52	21.00
		1	13	19.46	19.76	19.59	19.33	19.69	21.00
		1	24	19.53	19.68	19.38	19.54	19.67	21.00
		12	0	19.57	19.52	19.66	19.71	19.56	21.00
10MHz	QPSK	12	6	19.74	19.67	19.57	19.73	19.59	21.00
		12	13	19.61	19.72	19.67	19.77	19.72	21.00
		25	0	19.56	19.62	19.61	19.45	19.49	21.00
	16QAM	1	0	19.49	19.59	19.63	19.43	19.56	21.00
		1	25	19.55	19.60	19.69	19.56	19.59	21.00
		1	49	19.62	19.67	19.45	19.57	19.57	21.00
	64QAM	25	0	19.55	19.62	19.82	19.55	19.62	21.00
		25	13	19.59	19.64	19.77	19.63	19.71	21.00
		25	25	19.66	19.74	19.73	19.57	19.66	21.00
	QPSK	50	0	19.53	19.75	19.71	19.62	19.68	21.00
		1	0	19.58	19.70	19.70	19.58	19.64	21.00
		1	25	19.61	19.71	19.76	19.52	19.73	21.00
		1	49	19.54	19.56	19.66	19.60	19.65	21.00
		25	0	19.74	19.72	19.72	19.61	19.64	21.00
		25	13	19.77	19.69	19.64	19.81	19.78	21.00
	16QAM	25	25	19.82	19.80	19.77	19.73	19.70	21.00
		50	0	19.66	19.72	19.65	19.60	19.68	21.00
	64QAM	1	0	19.40	19.61	19.57	19.45	19.58	21.00
		1	25	19.47	19.61	19.65	19.58	19.59	21.00

		1	49	19.57	19.59	19.45	19.56	19.56	21.00
		25	0	19.46	19.54	19.84	19.48	19.56	21.00
		25	13	19.61	19.60	19.69	19.65	19.68	21.00
		25	25	19.68	19.72	19.72	19.49	19.65	21.00
		50	0	19.55	19.77	19.73	19.52	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.50	19.64	19.80	19.83	19.61	21.00
		1	38	19.52	19.74	19.68	19.49	19.70	21.00
		1	74	19.58	19.64	19.47	19.59	19.59	21.00
		36	0	19.59	19.70	19.67	19.68	19.74	21.00
		36	18	19.56	19.74	19.62	19.50	19.65	21.00
		36	39	19.68	19.77	19.81	19.62	19.85	21.00
		75	0	19.61	19.64	19.62	19.52	19.54	21.00
	16QAM	1	0	19.62	19.62	19.73	19.60	19.62	21.00
		1	38	19.68	19.63	19.70	19.67	19.61	21.00
		1	74	19.51	19.64	19.46	19.55	19.57	21.00
		36	0	19.63	19.65	19.76	19.70	19.90	21.00
		36	18	19.77	19.77	19.62	19.79	19.70	21.00
		36	39	19.62	19.81	19.71	19.55	19.60	21.00
		75	0	19.65	19.80	19.63	19.69	19.73	21.00
	64QAM	1	0	19.50	19.61	19.70	19.83	19.57	21.00
		1	38	19.54	19.64	19.68	19.41	19.65	21.00
		1	74	19.52	19.65	19.39	19.59	19.60	21.00
		36	0	19.49	19.70	19.62	19.62	19.76	21.00
		36	18	19.50	19.75	19.54	19.47	19.67	21.00
		36	39	19.59	19.78	19.78	19.60	19.87	21.00
		75	0	19.51	19.56	19.57	19.44	19.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	19.71	19.51	19.53	19.61	19.72	21.00
		1	50	19.67	19.60	19.60	19.66	19.70	21.00
		1	99	19.54	19.55	19.57	19.63	19.50	21.00
		50	0	19.72	19.60	19.64	19.70	19.75	21.00
		50	25	19.68	19.61	19.64	19.72	19.70	21.00
		50	50	19.68	19.62	19.67	19.73	19.72	21.00
		100	0	19.69	19.54	19.63	19.71	19.69	21.00
	16QAM	1	0	19.69	19.54	19.53	19.71	19.70	21.00
		1	50	19.67	19.69	19.66	19.72	19.70	21.00
		1	99	19.70	19.60	19.53	19.63	19.56	21.00
		50	0	19.72	19.63	19.66	19.74	19.70	21.00
		50	25	19.72	19.64	19.68	19.75	19.72	21.00
		50	50	19.67	19.62	19.72	19.75	19.73	21.00
		100	0	19.68	19.57	19.66	19.74	19.65	21.00
	64QAM	1	0	19.61	19.48	19.54	19.61	19.68	21.00
		1	50	19.60	19.54	19.62	19.65	19.61	21.00
		1	99	19.48	19.46	19.55	19.54	19.48	21.00
		50	0	19.66	19.59	19.58	19.62	19.72	21.00
		50	25	19.59	19.60	19.56	19.65	19.62	21.00
		50	50	19.68	19.63	19.60	19.66	19.73	21.00
		100	0	19.70	19.46	19.55	19.71	19.64	21.00

LTE Band 66 Sensor off/Receiver off/Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.41	23.34	23.22	24.50
		1	2	23.29	23.26	23.28	24.50
		1	5	23.38	23.37	23.37	24.50

		3	0	23.21	23.09	22.98	24.50
		3	1	23.36	23.09	23.21	24.50
		3	3	23.03	22.93	23.09	24.50
		6	0	22.02	22.06	22.00	23.50
	16QAM	1	0	22.22	22.17	22.30	23.50
		1	2	22.37	22.29	22.28	23.50
		1	5	22.15	22.26	22.27	23.50
		3	0	21.98	22.08	22.10	23.50
		3	1	21.72	21.94	21.87	23.50
		3	3	21.89	22.00	22.07	23.50
		6	0	21.28	21.20	21.35	22.50
	64QAM	1	0	21.40	21.28	21.12	22.50
		1	2	21.29	21.16	21.18	22.50
		1	5	21.37	21.41	21.43	22.50
		3	0	21.13	21.01	20.91	22.50
		3	1	21.26	21.03	21.11	22.50
		3	3	20.94	20.84	21.00	22.50
		6	0	19.95	19.98	19.92	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.49	23.35	23.40	24.50
		1	7	23.19	23.12	23.18	24.50
		1	14	23.48	23.48	23.42	24.50
		8	0	22.27	22.30	22.14	23.50
		8	4	22.55	22.47	22.31	23.50
		8	7	22.05	22.12	22.26	23.50
		15	0	22.15	22.16	22.16	23.50
	16QAM	1	0	22.21	22.35	22.29	23.50
		1	7	22.26	22.09	22.20	23.50
		1	14	22.05	22.10	22.30	23.50
		8	0	21.03	21.27	21.36	22.50
		8	4	21.06	21.14	21.12	22.50
		8	7	21.22	21.17	21.26	22.50
		15	0	21.22	21.29	21.26	22.50
	64QAM	1	0	21.50	21.27	21.47	22.50
		1	7	21.12	21.12	21.23	22.50
		1	14	21.38	21.46	21.50	22.50
		8	0	20.20	20.22	20.09	21.50
		8	4	20.45	20.40	20.22	21.50
		8	7	19.97	20.03	20.16	21.50
		15	0	20.10	20.11	20.10	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.37	23.41	23.38	24.50
		1	13	23.19	23.30	23.25	24.50
		1	24	23.45	23.29	23.37	24.50
		12	0	22.25	22.26	22.17	23.50
		12	6	22.55	22.33	22.41	23.50
		12	13	22.11	22.17	22.13	23.50
		25	0	22.14	21.99	22.20	23.50
	16QAM	1	0	22.26	22.32	22.20	23.50
		1	13	22.38	22.20	22.24	23.50
		1	24	22.14	22.24	22.26	23.50

		12	0	21.18	21.09	21.18	22.50
		12	6	20.90	20.98	21.08	22.50
		12	13	21.18	21.06	21.30	22.50
		25	0	21.33	21.32	21.21	22.50
	64QAM	1	0	21.28	21.33	21.46	22.50
		1	13	21.18	21.29	21.25	22.50
		1	24	21.55	21.23	21.43	22.50
		12	0	20.17	20.21	20.12	21.50
		12	6	20.46	20.23	20.34	21.50
		12	13	20.06	20.07	20.06	21.50
		25	0	20.04	19.93	20.15	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.35	23.44	23.41	24.50
		1	25	23.19	23.27	23.11	24.50
		1	49	23.45	23.34	23.38	24.50
		25	0	22.25	22.34	22.30	23.50
		25	13	22.44	22.31	22.43	23.50
		25	25	22.06	22.18	22.22	23.50
		50	0	22.07	22.11	22.07	23.50
	16QAM	1	0	22.18	22.37	22.21	23.50
		1	25	22.35	22.20	22.23	23.50
		1	49	22.04	22.09	22.31	23.50
		25	0	21.18	21.23	21.21	22.50
		25	13	21.01	21.12	21.06	22.50
		25	25	21.03	21.20	21.35	22.50
		50	0	21.23	21.36	21.19	22.50
	64QAM	1	0	21.32	21.51	21.35	22.50
		1	25	21.24	21.21	21.20	22.50
		1	49	21.50	21.42	21.35	22.50
		25	0	20.16	20.27	20.20	21.50
		25	13	20.35	20.21	20.37	21.50
		25	25	20.01	20.11	20.14	21.50
		50	0	19.97	20.03	19.97	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.30	23.46	23.31	24.50
		1	38	23.19	23.30	23.23	24.50
		1	74	23.51	23.45	23.44	24.50
		36	0	22.32	22.15	22.29	23.50
		36	18	22.42	22.45	22.30	23.50
		36	39	22.16	22.28	22.27	23.50
		75	0	22.14	22.07	22.00	23.50
	16QAM	1	0	22.30	22.17	22.21	23.50
		1	38	22.22	22.20	22.27	23.50
		1	74	22.17	22.11	22.18	23.50
		36	0	21.21	21.08	21.21	22.50
		36	18	21.01	21.13	21.04	22.50
		36	39	21.04	21.11	21.32	22.50
		75	0	21.24	21.29	21.29	22.50
	64QAM	1	0	21.38	21.49	21.27	22.50
		1	38	21.15	21.23	21.18	22.50
		1	74	21.42	21.48	21.34	22.50
		36	0	20.27	20.09	20.19	21.50
		36	18	20.32	20.38	20.23	21.50

		36	39	20.07	20.22	20.22	21.50
		75	0	20.09	19.99	19.90	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.39	23.41	23.31	24.50
		1	50	23.26	23.21	23.19	24.50
		1	99	23.39	23.47	23.47	24.50
		50	0	22.32	22.25	22.24	23.50
		50	25	22.47	22.38	22.34	23.50
		50	50	22.13	22.18	22.19	23.50
		100	0	22.12	22.09	22.10	23.50
	16QAM	1	0	22.21	22.27	22.30	23.50
		1	50	22.29	22.19	22.18	23.50
		1	99	22.12	22.17	22.22	23.50
		50	0	21.13	21.18	21.26	22.50
		50	25	21.00	21.04	21.05	22.50
		50	50	21.12	21.16	21.25	22.50
		100	0	21.32	21.28	21.29	22.50
	64QAM	1	0	21.34	21.38	21.26	22.50
		1	50	21.30	21.11	21.14	22.50
		1	99	21.49	21.54	21.34	22.50
		50	0	20.25	20.19	20.18	21.50
		50	25	20.41	20.30	20.24	21.50
		50	50	20.05	20.10	20.13	21.50
		100	0	20.02	20.00	20.02	21.50

LTE Band 66 Receiver on&Receiver on+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.87	17.81	17.92	19.00
		1	2	17.95	17.77	17.85	19.00
		1	5	17.84	17.61	17.62	19.00
		3	0	17.49	17.60	17.59	19.00
		3	1	17.76	17.70	17.61	19.00
		3	3	17.96	17.93	17.80	19.00
		6	0	17.80	17.85	17.82	19.00
	16QAM	1	0	17.84	17.83	17.82	19.00
		1	2	17.76	17.67	17.73	19.00
		1	5	17.67	17.65	17.62	19.00
		3	0	17.59	17.57	17.60	19.00
		3	1	17.68	17.77	17.53	19.00
		3	3	17.64	17.76	17.75	19.00
		6	0	17.84	17.87	17.77	19.00
	64QAM	1	0	17.89	17.88	17.97	19.00
		1	2	17.95	17.81	17.91	19.00
		1	5	17.94	17.65	17.65	19.00
		3	0	17.85	17.67	17.64	19.00
		3	1	17.78	17.78	17.63	19.00
		3	3	17.97	17.94	17.87	19.00
		6	0	17.88	17.89	17.87	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				131987	132322	132657	
3MHz	QPSK	1	0	18.06	17.97	17.98	19.00
		1	7	17.85	17.83	17.80	19.00
		1	14	17.77	17.67	17.58	19.00
		8	0	17.60	17.70	17.78	19.00
		8	4	17.82	17.70	17.65	19.00
		8	7	17.81	17.81	17.84	19.00
		15	0	17.82	17.84	17.85	19.00
	16QAM	1	0	17.72	17.71	17.87	19.00
		1	7	17.87	17.69	17.73	19.00
		1	14	17.72	17.66	17.57	19.00
		8	0	17.54	17.51	17.67	19.00
		8	4	17.69	17.79	17.69	19.00
		8	7	17.76	17.76	17.70	19.00
		15	0	17.67	17.80	17.72	19.00
	64QAM	1	0	17.96	17.86	17.90	19.00
		1	7	17.87	17.89	17.80	19.00
		1	14	17.82	17.69	17.62	19.00
		8	0	17.63	17.76	17.83	19.00
		8	4	17.91	17.71	17.66	19.00
		8	7	17.85	17.81	17.86	19.00
		15	0	17.82	17.93	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	18.05	17.85	17.91	19.00
		1	13	17.86	17.80	17.86	19.00
		1	24	17.76	17.61	17.60	19.00
		12	0	17.54	17.65	17.73	19.00
		12	6	17.82	17.73	17.72	19.00
		12	13	17.86	17.78	17.88	19.00
		25	0	17.80	17.86	17.94	19.00
	16QAM	1	0	17.79	17.78	17.75	19.00
		1	13	17.68	17.65	17.71	19.00
		1	24	17.69	17.60	17.58	19.00
		12	0	17.59	17.52	17.62	19.00
		12	6	17.62	17.72	17.72	19.00
		12	13	17.67	17.62	17.87	19.00
		25	0	17.81	17.93	17.86	19.00
	64QAM	1	0	17.93	17.87	17.97	19.00
		1	13	17.87	17.88	17.95	19.00
		1	24	17.84	17.68	17.64	19.00
		12	0	17.62	17.73	17.77	19.00
		12	6	17.89	17.83	17.75	19.00
		12	13	17.94	17.81	17.95	19.00
		25	0	17.83	17.94	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	17.94	17.80	17.94	19.00
		1	25	17.95	17.73	17.72	19.00
		1	49	17.81	17.63	17.57	19.00
		25	0	17.56	17.56	17.77	19.00
		25	13	17.85	17.62	17.78	19.00
		25	25	17.77	17.90	17.93	19.00
		50	0	17.72	17.71	17.78	19.00
	16QAM	1	0	17.70	17.85	17.80	19.00

		1	25	17.77	17.79	17.69	19.00
		1	49	17.55	17.63	17.52	19.00
		25	0	17.65	17.67	17.55	19.00
		25	13	17.71	17.64	17.52	19.00
		25	25	17.59	17.76	17.88	19.00
		50	0	17.67	17.83	17.77	19.00
	64QAM	1	0	17.92	17.84	17.93	19.00
		1	25	17.90	17.76	17.80	19.00
		1	49	17.88	17.65	17.66	19.00
		25	0	17.58	17.65	17.84	19.00
		25	13	17.94	17.63	17.88	19.00
		25	25	17.83	17.90	17.94	19.00
		50	0	17.79	17.73	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	17.89	17.81	17.96	19.00
		1	38	17.93	17.74	17.83	19.00
		1	74	17.75	17.64	17.70	19.00
		36	0	17.48	17.71	17.69	19.00
		36	18	17.78	17.73	17.71	19.00
		36	39	17.88	17.87	17.92	19.00
		75	0	17.68	17.81	17.90	19.00
	16QAM	1	0	17.66	17.88	17.76	19.00
		1	38	17.70	17.75	17.74	19.00
		1	74	17.57	17.73	17.66	19.00
		36	0	17.56	17.54	17.58	19.00
		36	18	17.71	17.67	17.58	19.00
		36	39	17.58	17.67	17.73	19.00
		75	0	17.65	17.85	17.81	19.00
	64QAM	1	0	17.98	17.91	17.95	19.00
		1	38	17.93	17.81	17.83	19.00
		1	74	17.82	17.70	17.73	19.00
		36	0	17.50	17.75	17.73	19.00
		36	18	17.88	17.76	17.74	19.00
		36	39	17.93	17.90	17.97	19.00
		75	0	17.78	17.83	17.94	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.96	17.89	17.96	19.00
		1	50	17.93	17.83	17.79	19.00
		1	99	17.77	17.71	17.63	19.00
		50	0	17.57	17.65	17.68	19.00
		50	25	17.80	17.72	17.68	19.00
		50	50	17.86	17.91	17.90	19.00
		100	0	17.78	17.80	17.86	19.00
	16QAM	1	0	17.76	17.78	17.80	19.00
		1	50	17.77	17.72	17.75	19.00
		1	99	17.63	17.66	17.60	19.00
		50	0	17.59	17.61	17.65	19.00
		50	25	17.69	17.69	17.62	19.00
		50	50	17.66	17.72	17.79	19.00
		100	0	17.75	17.85	17.76	19.00
	64QAM	1	0	17.97	17.91	17.92	19.00
		1	50	17.83	17.87	17.85	19.00
		1	99	17.77	17.81	17.68	19.00

		50	0	17.64	17.65	17.74	19.00
		50	25	17.80	17.72	17.70	19.00
		50	50	17.93	17.94	17.91	19.00
		100	0	17.78	17.88	17.91	19.00

LTE Band 66 Hotspot on&Sensor on+WLAN&Sensor off+WLAN				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	20.33	20.28	20.21	21.50
		1	2	20.12	20.25	20.37	21.50
		1	5	20.22	20.10	20.25	21.50
		3	0	20.32	20.28	20.35	21.50
		3	1	20.07	20.26	20.21	21.50
		3	3	20.08	20.09	20.03	21.50
		6	0	20.09	20.01	20.09	21.50
	16QAM	1	0	20.00	20.19	20.15	21.50
		1	2	20.23	20.21	20.21	21.50
		1	5	20.24	20.15	20.25	21.50
		3	0	20.30	20.20	20.24	21.50
		3	1	19.98	20.12	20.11	21.50
		3	3	19.97	20.03	20.02	21.50
		6	0	20.34	20.15	20.20	21.50
	64QAM	1	0	20.30	20.26	20.21	21.50
		1	2	20.13	20.19	20.32	21.50
		1	5	20.19	20.05	20.26	21.50
		3	0	20.27	20.24	20.30	21.50
		3	1	20.02	20.25	20.18	21.50
		3	3	20.09	20.10	19.99	21.50
		6	0	19.93	20.06	19.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	20.31	20.33	20.19	21.50
		1	7	20.26	20.25	20.41	21.50
		1	14	20.18	20.14	20.18	21.50
		8	0	20.18	20.18	20.25	21.50
		8	4	20.25	20.24	20.07	21.50
		8	7	20.08	20.26	20.18	21.50
		15	0	20.19	20.12	20.00	21.50
	16QAM	1	0	20.17	20.20	20.25	21.50
		1	7	20.15	20.14	20.29	21.50
		1	14	20.33	20.27	20.19	21.50
		8	0	20.20	20.21	20.20	21.50
		8	4	20.02	20.15	20.06	21.50
		8	7	19.98	20.10	20.06	21.50
		15	0	20.14	20.21	20.30	21.50
	64QAM	1	0	20.30	20.33	20.11	21.50
		1	7	20.25	20.19	20.38	21.50
		1	14	20.18	20.10	20.14	21.50
		8	0	20.21	20.20	20.17	21.50
		8	4	20.49	20.33	20.16	21.50
		8	7	19.94	20.03	20.14	21.50

Bandwidth	Modulation	15	0	20.10	20.16	20.10	21.50
		RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	20.17	20.33	20.25	21.50
		1	13	20.10	20.23	20.43	21.50
		1	24	20.15	20.17	20.13	21.50
		12	0	20.19	20.10	20.33	21.50
		12	6	20.08	20.13	20.14	21.50
		12	13	20.18	20.18	20.04	21.50
		25	0	20.11	20.06	19.97	21.50
	16QAM	1	0	20.15	20.10	20.26	21.50
		1	13	20.28	20.27	20.24	21.50
		1	24	20.27	20.33	20.16	21.50
		12	0	20.33	20.12	20.21	21.50
		12	6	20.10	20.09	20.05	21.50
		12	13	19.94	20.13	20.03	21.50
		25	0	20.30	20.25	20.20	21.50
	64QAM	1	0	20.10	20.27	20.27	21.50
		1	13	20.04	20.14	20.36	21.50
		1	24	20.14	20.10	20.14	21.50
		12	0	20.24	20.16	20.17	21.50
		12	6	20.54	20.16	20.42	21.50
		12	13	20.09	20.07	20.14	21.50
		25	0	20.05	19.97	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	20.35	20.29	20.31	21.50
		1	25	20.28	20.19	20.32	21.50
		1	49	20.32	20.07	20.12	21.50
		25	0	20.31	20.24	20.32	21.50
		25	13	20.05	20.16	20.23	21.50
		25	25	20.09	20.09	20.20	21.50
		50	0	20.15	20.03	20.17	21.50
	16QAM	1	0	19.99	20.15	20.12	21.50
		1	25	20.13	20.18	20.22	21.50
		1	49	20.29	20.31	20.16	21.50
		25	0	20.31	20.26	20.24	21.50
		25	13	20.16	20.02	20.09	21.50
		25	25	19.99	19.99	20.09	21.50
		50	0	20.23	20.28	20.29	21.50
	64QAM	1	0	20.32	20.30	20.29	21.50
		1	25	20.30	20.12	20.24	21.50
		1	49	20.25	20.04	20.06	21.50
		25	0	20.14	20.33	20.12	21.50
		25	13	20.29	20.23	20.34	21.50
		25	25	20.06	20.10	20.09	21.50
		50	0	19.89	20.06	19.92	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.33	20.38	20.18	21.50
		1	38	20.16	20.18	20.44	21.50
		1	74	20.21	20.07	20.25	21.50
		36	0	20.16	20.14	20.26	21.50
		36	18	20.07	20.24	20.06	21.50
		36	39	20.14	20.13	20.17	21.50

	16QAM	75	0	20.05	20.17	19.98	21.50
		1	0	19.99	20.17	20.32	21.50
		1	38	20.17	20.24	20.34	21.50
		1	74	20.22	20.17	20.32	21.50
		36	0	20.28	20.27	20.17	21.50
		36	18	20.10	20.07	20.04	21.50
		36	39	19.98	19.99	20.09	21.50
		75	0	20.32	20.25	20.16	21.50
	64QAM	1	0	20.34	20.32	20.20	21.50
		1	38	20.10	20.10	20.44	21.50
		1	74	20.14	20.02	20.19	21.50
		36	0	20.35	20.11	20.13	21.50
		36	18	20.27	20.45	20.15	21.50
		36	39	20.14	20.20	20.24	21.50
		75	0	20.11	19.93	19.96	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.26	20.35	20.22	21.50
		1	50	20.20	20.27	20.35	21.50
		1	99	20.22	20.15	20.20	21.50
		50	0	20.24	20.26	20.25	21.50
		50	25	20.15	20.18	20.16	21.50
		50	50	20.16	20.19	20.10	21.50
		100	0	20.11	20.08	20.07	21.50
	16QAM	1	0	20.08	20.16	20.22	21.50
		1	50	20.22	20.17	20.27	21.50
		1	99	20.27	20.24	20.25	21.50
		50	0	20.29	20.19	20.23	21.50
		50	25	20.06	20.05	20.09	21.50
		50	50	20.04	20.07	20.02	21.50
		100	0	20.24	20.21	20.20	21.50
	64QAM	1	0	20.26	20.36	20.13	21.50
		1	50	20.19	20.18	20.26	21.50
		1	99	20.24	20.16	20.13	21.50
		50	0	20.33	20.15	20.23	21.50
		50	25	20.40	20.29	20.31	21.50
		50	50	20.10	20.06	20.12	21.50
		100	0	19.98	20.06	20.01	21.50

LTE Band 66 Sensor on(A)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.29	21.36	21.42	22.50
		1	2	21.38	21.34	21.24	22.50
		1	5	21.16	21.08	21.18	22.50
		3	0	21.30	21.31	21.28	22.50
		3	1	21.33	21.37	21.38	22.50
		3	3	21.27	21.31	21.37	22.50
		6	0	21.34	21.25	21.37	22.50
	16QAM	1	0	21.12	21.19	20.96	22.50
		1	2	21.11	21.20	21.07	22.50
		1	5	21.06	21.07	20.92	22.50

		3	0	21.09	21.13	20.94	22.50
		3	1	21.17	21.23	21.26	22.50
		3	3	21.02	21.16	21.01	22.50
		6	0	21.28	21.20	21.35	22.50
	64QAM	1	0	21.27	21.27	21.36	22.50
		1	2	21.34	21.31	21.26	22.50
		1	5	21.06	21.04	21.09	22.50
		3	0	21.25	21.21	21.18	22.50
		3	1	21.25	21.38	21.30	22.50
		3	3	21.27	21.29	21.28	22.50
		6	0	19.88	20.03	19.98	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	21.33	21.28	21.41	22.50
		1	7	21.26	21.29	21.15	22.50
		1	14	21.20	21.20	21.24	22.50
		8	0	21.17	21.31	21.38	22.50
		8	4	21.46	21.39	21.31	22.50
		8	7	21.32	21.17	21.34	22.50
		15	0	21.16	21.20	21.27	22.50
	16QAM	1	0	21.13	21.04	20.94	22.50
		1	7	21.14	21.08	21.04	22.50
		1	14	21.01	21.12	20.93	22.50
		8	0	21.03	21.27	21.36	22.50
		8	4	21.06	21.14	21.12	22.50
		8	7	21.22	21.17	21.26	22.50
		15	0	21.22	21.29	21.26	22.50
	64QAM	1	0	21.35	21.18	21.32	22.50
		1	7	21.21	21.26	21.06	22.50
		1	14	21.10	21.22	21.14	22.50
		8	0	20.21	20.17	20.16	21.50
		8	4	20.42	20.35	20.27	21.50
		8	7	19.95	20.01	20.16	21.50
		15	0	20.17	20.06	20.09	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.36	21.28	21.42	22.50
		1	13	21.20	21.32	21.14	22.50
		1	24	21.21	21.27	21.24	22.50
		12	0	21.13	21.21	21.37	22.50
		12	6	21.37	21.39	21.30	22.50
		12	13	21.39	21.30	21.31	22.50
		25	0	21.25	21.30	21.25	22.50
	16QAM	1	0	20.97	21.06	20.99	22.50
		1	13	21.23	21.25	21.16	22.50
		1	24	21.11	20.96	21.04	22.50
		12	0	21.18	21.09	21.18	22.50
		12	6	20.90	20.98	21.08	22.50
		12	13	21.18	21.06	21.30	22.50
		25	0	21.33	21.32	21.21	22.50
	64QAM	1	0	21.31	21.23	21.40	22.50
		1	13	21.22	21.30	21.04	22.50
		1	24	21.13	21.18	21.23	22.50

		12	0	20.25	20.19	20.17	21.50
		12	6	20.47	20.25	20.42	21.50
		12	13	20.07	20.01	20.06	21.50
		25	0	20.03	20.00	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	21.37	21.35	21.33	22.50
		1	25	21.36	21.21	21.12	22.50
		1	49	21.13	21.18	21.15	22.50
		25	0	21.16	21.34	21.35	22.50
		25	13	21.29	21.37	21.34	22.50
		25	25	21.30	21.22	21.35	22.50
		50	0	21.34	21.19	21.21	22.50
	16QAM	1	0	21.15	21.05	20.93	22.50
		1	25	21.23	21.15	21.23	22.50
		1	49	21.03	20.99	20.97	22.50
		25	0	21.18	21.23	21.21	22.50
		25	13	21.01	21.12	21.06	22.50
		25	25	21.03	21.20	21.35	22.50
		50	0	21.23	21.36	21.19	22.50
	64QAM	1	0	21.28	21.34	21.30	22.50
		1	25	21.33	21.23	21.11	22.50
		1	49	21.12	21.10	21.16	22.50
		25	0	20.21	20.20	20.24	21.50
		25	13	20.27	20.19	20.37	21.50
		25	25	19.94	20.15	20.07	21.50
		50	0	20.03	20.04	20.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.28	21.24	21.48	22.50
		1	38	21.19	21.25	21.20	22.50
		1	74	21.10	21.16	21.22	22.50
		36	0	21.25	21.32	21.23	22.50
		36	18	21.29	21.34	21.48	22.50
		36	39	21.25	21.30	21.37	22.50
		75	0	21.29	21.32	21.37	22.50
	16QAM	1	0	21.14	21.06	21.07	22.50
		1	38	21.13	21.27	21.08	22.50
		1	74	21.06	21.02	20.96	22.50
		36	0	21.21	21.08	21.21	22.50
		36	18	21.01	21.13	21.04	22.50
		36	39	21.04	21.11	21.32	22.50
		75	0	21.24	21.29	21.29	22.50
	64QAM	1	0	21.24	21.20	21.40	22.50
		1	38	21.09	21.21	21.20	22.50
		1	74	21.02	21.11	21.22	22.50
		36	0	20.27	20.06	20.18	21.50
		36	18	20.24	20.44	20.26	21.50
		36	39	20.09	20.19	20.15	21.50
		75	0	20.02	19.94	19.93	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.33	21.28	21.38	22.50
		1	50	21.28	21.29	21.19	22.50
		1	99	21.11	21.18	21.19	22.50

		50	0	21.20	21.24	21.31	22.50
		50	25	21.39	21.31	21.40	22.50
		50	50	21.31	21.26	21.36	22.50
		100	0	21.24	21.22	21.27	22.50
	16QAM	1	0	21.05	21.07	21.01	22.50
		1	50	21.14	21.18	21.14	22.50
		1	99	21.11	21.05	21.01	22.50
		50	0	21.13	21.18	21.26	22.50
		50	25	21.00	21.04	21.05	22.50
		50	50	21.12	21.16	21.25	22.50
		100	0	21.32	21.28	21.29	22.50
	64QAM	1	0	21.23	21.22	21.31	22.50
		1	50	21.20	21.28	21.13	22.50
		1	99	21.05	21.17	21.17	22.50
		50	0	20.21	20.19	20.16	21.50
		50	25	20.45	20.34	20.19	21.50
		50	50	20.00	20.18	20.21	21.50
		100	0	19.99	20.06	20.04	21.50

Table 3: Conducted Power of LTE

2 Conducted Power of Main Antenna(Ant31)

2.1 Conducted Power of GSM

GSM 1900 Receiver 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	30.15	30.20	30.35	31.00	-9.19	20.96	21.01	21.16	21.81
GPRS/EGPRS (GMSK)	1 TX Slot	30.20	30.21	30.30	31.00	-9.19	21.01	21.02	21.11	21.81
	2 TX Slots	29.31	29.25	29.29	30.50	-6.18	23.13	23.07	23.11	24.32
	3 TX Slots	26.99	27.09	27.17	28.50	-4.42	22.57	22.67	22.75	24.08
	4 TX Slots	25.84	25.93	25.87	27.50	-3.17	22.67	22.76	22.7	24.33
EGPRS(8PSK)	1 TX Slot	25.92	25.90	25.92	27.00	-9.19	16.73	16.71	16.73	17.81
	2 TX Slots	23.88	23.82	23.74	25.10	-6.18	17.7	17.64	17.56	18.92
	3 TX Slots	22.48	22.55	22.64	23.90	-4.42	18.06	18.13	18.22	19.48
	4 TX Slots	21.35	21.29	21.30	22.70	-3.17	18.18	18.12	18.13	19.53

GSM 1900 Receiver 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	28.91	28.97	28.81	29.50	-9.19	19.72	19.78	19.62	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.93	28.96	28.86	29.50	-9.19	19.74	19.77	19.67	20.31
	2 TX Slots	27.89	27.79	27.88	29.00	-6.18	21.71	21.61	21.7	22.82
	3 TX Slots	25.47	25.50	25.41	27.00	-4.42	21.05	21.08	20.99	22.58
	4 TX Slots	24.83	24.60	24.68	26.00	-3.17	21.66	21.43	21.51	22.83
EGPRS(8PSK)	1 TX Slot	25.92	25.90	25.92	27.00	-9.19	16.73	16.71	16.73	17.81
	2 TX Slots	23.88	23.82	23.74	25.10	-6.18	17.7	17.64	17.56	18.92
	3 TX Slots	22.48	22.55	22.64	23.90	-4.42	18.06	18.13	18.22	19.48
	4 TX Slots	21.35	21.29	21.30	22.70	-3.17	18.18	18.12	18.13	19.53

Table 4: Conducted Power of GSM

2.2 Conducted Power of WCDMA

WCDMA Band II Receiver on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.00	23.02	23.06	24.00
	12.2kbps AMR	22.94	22.97	23.00	24.00
HSDPA	Subtest 1	22.33	22.41	22.37	23.00
	Subtest 2	22.26	22.30	22.18	23.00
	Subtest 3	22.23	22.13	22.29	23.00
	Subtest 4	22.19	22.26	22.33	23.00
HSUPA	Subtest 1	22.35	22.58	22.50	23.00
	Subtest 2	20.77	20.82	21.03	21.50
	Subtest 3	21.34	21.43	21.64	22.00
	Subtest 4	20.24	20.43	20.49	21.00
	Subtest 5	22.42	22.54	22.59	23.00
DC-HSDPA	Subtest 1	22.40	22.48	22.49	23.00
	Subtest 2	22.22	22.40	22.37	23.00
	Subtest 3	22.29	22.03	22.28	23.00
	Subtest 4	22.25	22.13	22.36	23.00
HSPA+	16QAM	22.43	22.66	22.48	23.00

WCDMA Band II Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.97	21.06	20.99	22.00
	12.2kbps AMR	20.95	20.98	20.94	22.00
HSDPA	Subtest 1	20.40	20.49	20.35	21.00
	Subtest 2	20.25	20.19	20.25	21.00
	Subtest 3	20.12	20.02	20.21	21.00
	Subtest 4	20.12	20.30	20.34	21.00
HSUPA	Subtest 1	20.22	20.65	20.46	21.00
	Subtest 2	18.82	18.84	18.98	19.50
	Subtest 3	19.32	19.41	19.64	20.00
	Subtest 4	18.13	18.37	18.38	19.00
	Subtest 5	20.33	20.52	20.56	21.00
DC-HSDPA	Subtest 1	20.47	20.35	20.42	21.00
	Subtest 2	20.14	20.48	20.30	21.00
	Subtest 3	20.30	19.99	20.34	21.00
	Subtest 4	20.32	20.16	20.21	21.00
HSPA+	16QAM	20.34	20.67	20.40	21.00

WCDMA Band II Hotspot on&Receiver off+WLAN					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.08	20.17	20.11	21.00
	12.2kbps AMR	19.99	20.10	20.08	21.00
HSDPA	Subtest 1	19.29	19.32	19.44	20.00
	Subtest 2	19.21	19.22	19.11	20.00
	Subtest 3	19.26	19.16	19.19	20.00
	Subtest 4	19.24	19.11	19.37	20.00
HSUPA	Subtest 1	19.40	19.44	19.58	20.00
	Subtest 2	17.85	17.81	17.93	18.50
	Subtest 3	18.28	18.42	18.56	19.00
	Subtest 4	17.20	17.32	17.53	18.00
	Subtest 5	19.32	19.51	19.64	20.00
DC-HSDPA	Subtest 1	19.46	19.46	19.57	20.00
	Subtest 2	19.20	19.40	19.27	20.00
	Subtest 3	19.29	18.90	19.18	20.00
	Subtest 4	19.33	19.03	19.34	20.00
HSPA+	16QAM	19.34	19.65	19.36	20.00

WCDMA Band IV Receiver on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.20	23.30	23.34	24.00
	12.2kbps AMR	23.15	23.24	23.39	24.00
HSDPA	Subtest 1	22.54	22.57	22.64	23.00
	Subtest 2	22.51	22.39	22.48	23.00
	Subtest 3	22.46	22.56	22.49	23.00
	Subtest 4	22.21	22.43	22.33	23.00
HSUPA	Subtest 1	22.61	22.39	22.55	23.00
	Subtest 2	20.96	20.86	21.01	21.50
	Subtest 3	21.41	21.62	21.30	22.00
	Subtest 4	20.35	20.37	20.22	21.00
	Subtest 5	22.52	22.45	22.46	23.00
DC-HSDPA	Subtest 1	22.60	22.47	22.58	23.00
	Subtest 2	22.47	22.40	22.31	23.00
	Subtest 3	22.42	22.29	22.51	23.00
	Subtest 4	22.19	22.30	22.27	23.00
HSPA+	16QAM	22.61	22.58	22.71	23.00

WCDMA Band IV Hotspot on&Receiver off+WLAN					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.16	19.08	19.17	20.00
	12.2kbps AMR	19.08	19.01	19.11	20.00
HSDPA	Subtest 1	18.55	18.58	18.61	19.00
	Subtest 2	18.44	18.46	18.42	19.00
	Subtest 3	18.47	18.43	18.37	19.00
	Subtest 4	18.18	18.30	18.20	19.00
HSUPA	Subtest 1	18.60	18.40	18.46	19.00
	Subtest 2	16.91	16.76	17.06	17.50
	Subtest 3	17.30	17.68	17.31	18.00
	Subtest 4	16.45	16.35	16.17	17.00
	Subtest 5	18.38	18.35	18.55	19.00
DC-HSDPA	Subtest 1	18.54	18.57	18.48	19.00
	Subtest 2	18.49	18.53	18.34	19.00
	Subtest 3	18.52	18.52	18.37	19.00
	Subtest 4	18.28	18.15	18.32	19.00
HSPA+	16QAM	18.49	18.50	18.61	19.00

Table 5: Conducted Power of WCDMA

2.3 Conducted Power of LTE

LTE Band 2 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.22	23.24	23.16	24.00
		1	2	23.05	23.26	23.04	24.00
		1	5	23.11	23.20	23.03	24.00
		3	0	23.20	23.23	23.19	24.00
		3	2	23.19	23.20	23.13	24.00
		3	3	23.06	23.22	23.14	24.00
		6	0	22.19	22.19	22.15	23.00
	16QAM	1	0	22.28	22.31	22.36	23.00
		1	2	22.29	22.41	22.35	23.00
		1	5	22.29	22.37	22.38	23.00
		3	0	22.19	22.18	22.26	23.00
		3	2	22.11	22.19	22.22	23.00
		3	3	22.12	22.08	22.17	23.00
		6	0	21.19	21.37	21.25	22.00
	64QAM	1	0	21.49	21.50	21.39	22.00
		1	2	21.39	21.47	21.37	22.00
		1	5	21.35	21.51	21.25	22.00
		3	0	21.40	21.50	21.52	22.00
		3	2	21.44	21.44	21.45	22.00
		3	3	21.37	21.44	21.35	22.00
		6	0	20.52	20.54	20.41	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.14	23.10	23.29	24.00
		1	7	23.19	23.19	23.16	24.00
		1	14	23.20	23.23	23.12	24.00
		8	0	22.18	22.17	22.18	23.00
		8	4	22.15	22.16	22.18	23.00
		8	7	22.12	22.12	22.18	23.00
		15	0	22.17	22.09	22.22	23.00
	16QAM	1	0	22.35	22.63	22.72	23.00
		1	7	22.37	22.10	22.03	23.00
		1	14	22.56	22.07	22.23	23.00
		8	0	21.28	21.31	21.29	22.00
		8	4	21.25	21.20	21.23	22.00
		8	7	21.22	21.21	21.22	22.00
		15	0	21.08	21.14	21.22	22.00
	64QAM	1	0	21.40	21.42	21.64	22.00
		1	7	21.54	21.53	21.36	22.00
		1	14	21.45	21.55	21.46	22.00
		8	0	20.41	20.37	20.49	21.00
		8	4	20.35	20.48	20.41	21.00
		8	7	20.47	20.39	20.48	21.00
		15	0	20.52	20.39	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.31	23.31	23.34	24.00
		1	13	23.25	23.25	23.28	24.00
		1	24	23.28	23.33	23.25	24.00
		12	0	22.24	22.28	22.35	23.00
		12	6	22.21	22.28	22.31	23.00
		12	13	22.21	22.22	22.25	23.00
		25	0	22.22	22.21	22.25	23.00
	16QAM	1	0	22.40	22.64	22.74	23.00

		1	13	22.63	22.35	22.70	23.00
		1	24	22.29	22.60	22.47	23.00
		12	0	21.27	21.25	21.37	22.00
		12	6	21.23	21.22	21.32	22.00
		12	13	21.15	21.27	21.23	22.00
		25	0	21.26	21.34	21.21	22.00
	64QAM	1	0	21.57	21.66	21.65	22.00
		1	13	21.60	21.55	21.51	22.00
		1	24	21.57	21.62	21.57	22.00
		12	0	20.54	20.56	20.62	21.00
		12	6	20.46	20.55	20.62	21.00
		12	13	20.41	20.47	20.51	21.00
		25	0	20.53	20.52	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.17	23.39	23.37	24.00
		1	25	23.26	23.26	23.40	24.00
		1	49	23.27	23.22	23.31	24.00
		25	0	22.21	22.34	22.38	23.00
		25	13	22.26	22.29	22.30	23.00
		25	25	22.27	22.20	22.24	23.00
	16QAM	50	0	22.27	22.27	22.31	23.00
		1	0	22.33	22.39	22.54	23.00
		1	25	22.36	22.48	22.37	23.00
		1	49	22.68	22.62	22.33	23.00
		25	0	21.17	21.44	21.38	22.00
		25	13	21.19	21.34	21.26	22.00
	64QAM	25	25	21.21	21.30	21.26	22.00
		50	0	21.28	21.22	21.27	22.00
		1	0	21.40	21.65	21.58	22.00
		1	25	21.61	21.56	21.68	22.00
		1	49	21.56	21.55	21.63	22.00
		25	0	20.52	20.59	20.69	21.00
15MHz	QPSK	25	13	20.54	20.55	20.59	21.00
		25	25	20.48	20.42	20.57	21.00
		50	0	20.47	20.48	20.62	21.00
	16QAM	1	0	23.07	23.34	23.37	24.00
		1	38	23.31	23.34	23.28	24.00
		1	74	23.12	23.29	23.24	24.00
		36	0	22.16	22.29	22.27	23.00
		36	18	22.22	22.24	22.35	23.00
		36	39	22.23	22.16	22.25	23.00
	64QAM	75	0	22.30	22.24	22.33	23.00
		1	0	22.36	22.51	22.47	23.00
		1	38	22.68	22.23	22.42	23.00
		1	74	22.69	22.45	22.53	23.00
		36	0	21.17	21.25	21.32	22.00
		36	18	21.19	21.20	21.33	22.00
20MHz	QPSK	36	39	21.27	21.15	21.26	22.00
		75	0	21.21	21.11	21.24	22.00
		1	0	21.28	21.61	21.64	22.00
		1	38	21.64	21.58	21.61	22.00
		1	74	21.37	21.61	21.55	22.00
		36	0	20.43	20.57	20.61	21.00
	16QAM	36	18	20.46	20.50	20.69	21.00
		36	39	20.47	20.38	20.59	21.00
		75	0	20.60	20.49	20.57	21.00
	64QAM	1	0	23.18	23.38	23.02	24.00
		1	38	23.18	23.38	23.02	24.00
		1	74	23.18	23.38	23.02	24.00
		36	0	23.18	23.38	23.02	24.00
		36	18	23.18	23.38	23.02	24.00
		36	39	23.18	23.38	23.02	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.18	23.38	23.02	24.00

		1	50	23.23	23.13	23.38	24.00
		1	99	23.34	23.27	23.07	24.00
		50	0	22.22	22.34	22.23	23.00
		50	25	22.29	22.22	22.29	23.00
		50	50	22.37	22.19	22.11	23.00
		100	0	22.20	22.15	22.19	23.00
	16QAM	1	0	22.19	22.45	22.10	23.00
		1	50	22.71	22.61	22.60	23.00
		1	99	22.72	22.28	22.00	23.00
		50	0	21.25	21.29	21.25	22.00
		50	25	21.25	21.23	21.19	22.00
		50	50	21.28	21.18	21.14	22.00
		100	0	21.20	21.15	21.13	22.00
	64QAM	1	0	21.51	21.63	21.22	22.00
		1	50	21.50	21.42	21.36	22.00
		1	99	21.64	21.56	21.30	22.00
		50	0	20.42	20.61	20.58	21.00
		50	25	20.57	20.50	20.57	21.00
		50	50	20.61	20.53	20.43	21.00
		100	0	20.52	20.39	20.54	21.00

LTE Band 2 Receiver 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	21.01	20.88	20.74	22.00
		1	2	21.09	20.89	20.98	22.00
		1	5	20.95	20.90	20.66	22.00
		3	0	21.05	21.14	20.88	22.00
		3	2	21.07	20.85	21.03	22.00
		3	3	21.03	20.93	20.93	22.00
	16QAM	6	0	20.77	20.90	20.96	22.00
		1	0	20.84	20.82	21.02	22.00
		1	2	20.95	20.92	20.78	22.00
		1	5	20.77	20.86	20.66	22.00
		3	0	20.90	21.05	20.80	22.00
		3	2	20.99	21.00	21.05	22.00
	64QAM	3	3	20.99	20.91	20.95	22.00
		6	0	20.89	20.88	20.78	22.00
		1	0	20.85	20.72	20.54	22.00
		1	2	20.94	20.71	20.80	22.00
		1	5	20.78	20.70	20.46	22.00
		3	0	20.89	20.96	20.72	22.00
3MHz	QPSK	3	2	20.87	20.66	20.86	22.00
		3	3	20.87	20.74	20.74	22.00
		6	0	20.48	20.55	20.42	21.00
	16QAM	1	0	20.90	20.97	20.82	22.00
		1	7	20.92	20.80	20.87	22.00
		1	14	20.88	20.85	20.86	22.00
		8	0	21.14	21.09	21.03	22.00
		8	4	21.05	20.97	21.03	22.00
		8	7	20.96	20.99	20.99	22.00
		15	0	20.84	20.81	20.88	22.00
		1	0	20.95	20.85	20.97	22.00
		1	7	20.93	20.86	20.83	22.00
		1	14	20.82	20.87	20.67	22.00
		8	0	20.96	21.00	20.94	22.00
		8	4	20.94	20.83	21.13	22.00

	64QAM	8	7	20.93	20.87	20.77	22.00
		15	0	20.89	20.83	20.77	22.00
		1	0	20.71	20.79	20.67	22.00
		1	7	20.77	20.61	20.69	22.00
		1	14	20.72	20.67	20.71	22.00
		8	0	20.36	20.45	20.56	21.00
		8	4	20.33	20.53	20.43	21.00
		8	7	20.49	20.35	20.45	21.00
		15	0	20.57	20.38	20.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	18625	18900	19175	22.00
		1	13	20.97	20.95	20.85	22.00
		1	24	21.02	20.77	21.02	22.00
		1	24	20.95	20.95	20.78	22.00
		12	0	20.95	20.95	20.78	22.00
		12	0	21.13	21.07	20.96	22.00
		12	6	21.04	20.99	21.04	22.00
	16QAM	12	13	20.96	21.00	20.97	22.00
		25	0	20.74	20.85	20.97	22.00
		1	0	20.85	20.88	21.07	22.00
		1	13	20.88	20.91	20.85	22.00
		1	24	20.92	20.76	20.80	22.00
		12	0	20.94	21.08	20.84	22.00
		12	6	20.89	20.90	21.10	22.00
	64QAM	12	13	20.91	20.95	20.85	22.00
		25	0	20.88	20.91	20.84	22.00
		1	0	20.80	20.78	20.69	22.00
		1	13	20.86	20.59	20.84	22.00
		1	24	20.75	20.75	20.58	22.00
		12	0	20.59	20.63	20.60	21.00
		12	6	20.47	20.56	20.69	21.00
		12	13	20.48	20.47	20.50	21.00
		25	0	20.52	20.47	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18650	18900	19150	22.00
		1	25	20.93	20.96	20.84	22.00
		1	49	20.99	20.77	20.87	22.00
		1	49	20.94	20.99	20.76	22.00
		25	0	20.94	20.99	20.76	22.00
		25	0	21.00	21.16	20.91	22.00
		25	13	21.15	20.83	20.98	22.00
	16QAM	25	25	20.95	20.97	20.83	22.00
		50	0	20.72	20.82	20.82	22.00
		1	0	20.84	20.81	21.04	22.00
		1	25	20.87	20.81	20.77	22.00
		1	49	20.86	20.86	20.71	22.00
		25	0	20.92	21.11	20.94	22.00
		25	13	20.92	20.84	20.94	22.00
	64QAM	25	25	20.93	20.81	20.85	22.00
		50	0	20.78	20.92	20.82	22.00
		1	0	20.74	20.76	20.68	22.00
		1	25	20.82	20.61	20.67	22.00
		1	49	20.77	20.80	20.59	22.00
		25	0	20.59	20.63	20.66	21.00
		25	13	20.61	20.58	20.58	21.00
		25	25	20.54	20.45	20.64	21.00
		50	0	20.55	20.48	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	18675	18900	19125	22.00
		1	38	21.00	20.87	20.91	22.00
		1	74	20.92	20.80	20.95	22.00
		36	0	21.01	20.98	20.77	22.00
		36	18	21.09	20.96	20.85	22.00
		36	18	21.03	20.91	20.93	22.00

	16QAM	36	39	21.05	21.00	20.80	22.00
		75	0	20.69	20.85	20.96	22.00
		1	0	20.90	20.89	20.94	22.00
		1	38	20.93	20.90	20.77	22.00
		1	74	20.77	20.81	20.73	22.00
		36	0	20.96	21.06	20.89	22.00
		36	18	20.87	20.84	21.07	22.00
		36	39	20.90	20.98	20.85	22.00
	64QAM	75	0	20.81	20.86	20.86	22.00
		1	0	20.83	20.72	20.76	22.00
		1	38	20.77	20.62	20.79	22.00
		1	74	20.85	20.82	20.57	22.00
		36	0	20.42	20.58	20.63	21.00
		36	18	20.46	20.45	20.72	21.00
		36	39	20.54	20.40	20.54	21.00
		75	0	20.57	20.45	20.60	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.94	20.97	20.81	22.00
		1	50	20.99	20.87	20.97	22.00
		1	99	20.94	20.95	20.76	22.00
		50	0	21.05	21.06	21.06	22.00
		50	25	21.05	20.93	20.95	22.00
		50	50	20.99	20.90	20.89	22.00
		100	0	20.77	20.90	20.91	22.00
	16QAM	1	0	20.86	20.81	20.98	22.00
		1	50	20.88	20.90	20.85	22.00
		1	99	20.84	20.79	20.75	22.00
		50	0	20.99	21.03	20.86	22.00
		50	25	20.91	20.92	21.04	22.00
		50	50	20.99	20.90	20.86	22.00
		100	0	20.79	20.87	20.84	22.00
	64QAM	1	0	20.74	20.79	20.61	22.00
		1	50	20.83	20.68	20.81	22.00
		1	99	20.79	20.75	20.56	22.00
		50	0	20.40	20.65	20.59	21.00
		50	25	20.64	20.57	20.54	21.00
		50	50	20.69	20.58	20.46	21.00
		100	0	20.60	20.36	20.52	21.00

LTE Band 2 Hotspot on&Receiver off+WLAN				Conducted Power(dBm)			
	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.12	18.99	19.14	20.00
		1	2	18.99	19.15	19.12	20.00
		1	5	19.11	18.96	19.08	20.00
		3	0	19.06	19.12	19.02	20.00
		3	2	18.95	19.03	19.00	20.00
		3	3	19.02	19.00	19.04	20.00
		6	0	19.05	19.08	19.01	20.00
	16QAM	1	0	19.05	19.07	19.04	20.00
		1	2	19.01	19.13	19.10	20.00
		1	5	19.06	19.08	18.91	20.00
		3	0	19.10	18.95	19.05	20.00
		3	2	19.14	19.14	19.11	20.00
		3	3	18.98	19.07	19.07	20.00
		6	0	19.13	19.13	19.04	20.00

		1	0	19.07	18.94	19.20	20.00
		1	2	19.09	19.17	19.12	20.00
		1	5	19.06	19.05	19.10	20.00
	64QAM	3	0	19.08	19.20	19.01	20.00
		3	2	18.94	19.10	19.07	20.00
		3	3	19.08	19.03	19.14	20.00
		6	0	19.14	19.08	19.01	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.15	18.97	19.19	20.00
		1	7	19.14	18.95	19.08	20.00
		1	14	19.04	19.04	18.95	20.00
		8	0	19.04	19.08	19.09	20.00
		8	4	19.09	18.99	19.01	20.00
		8	7	19.02	18.96	18.97	20.00
		15	0	19.07	19.07	19.06	20.00
	16QAM	1	0	19.03	19.06	19.07	20.00
		1	7	19.15	19.12	19.07	20.00
		1	14	19.07	18.89	18.92	20.00
		8	0	19.11	19.05	19.08	20.00
		8	4	19.12	18.99	19.18	20.00
		8	7	19.08	19.12	19.05	20.00
		15	0	19.10	19.07	19.00	20.00
	64QAM	1	0	19.25	19.00	19.14	20.00
		1	7	19.19	19.02	19.17	20.00
		1	14	19.09	19.00	18.98	20.00
		8	0	19.00	19.11	19.04	20.00
		8	4	19.15	19.09	19.02	20.00
		8	7	19.10	18.94	19.00	20.00
		15	0	19.04	19.07	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.05	19.19	19.16	20.00
		1	13	19.12	19.16	19.09	20.00
		1	24	19.13	19.05	19.03	20.00
		12	0	19.09	19.15	19.14	20.00
		12	6	19.05	19.07	19.12	20.00
		12	13	19.00	19.00	19.04	20.00
		25	0	19.02	19.04	19.06	20.00
	16QAM	1	0	19.09	19.10	19.06	20.00
		1	13	19.02	19.18	19.05	20.00
		1	24	19.16	19.10	19.15	20.00
		12	0	19.04	19.02	19.17	20.00
		12	6	19.15	19.06	19.15	20.00
		12	13	19.06	19.04	18.92	20.00
		25	0	19.03	19.14	19.12	20.00
	64QAM	1	0	19.05	19.24	19.25	20.00
		1	13	19.08	19.15	19.05	20.00
		1	24	19.19	19.11	19.10	20.00
		12	0	19.15	19.14	19.15	20.00
		12	6	19.01	19.14	19.19	20.00

		12	13	19.04	18.95	19.06	20.00
		25	0	19.05	19.01	19.11	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.06	19.19	19.19	20.00
		1	25	19.11	19.12	19.07	20.00
		1	49	19.11	19.03	19.15	20.00
		25	0	19.16	19.17	19.20	20.00
		25	13	19.13	19.09	19.11	20.00
		25	25	19.13	18.96	18.99	20.00
		50	0	19.16	19.07	19.15	20.00
	16QAM	1	0	18.98	19.52	19.02	20.00
		1	25	19.00	18.91	19.39	20.00
		1	49	19.17	19.03	19.32	20.00
		25	0	19.20	19.20	19.19	20.00
		25	13	19.13	19.08	19.11	20.00
		25	25	19.21	19.04	19.05	20.00
		50	0	19.16	19.08	19.15	20.00
	64QAM	1	0	19.05	19.17	19.14	20.00
		1	25	19.08	19.08	19.13	20.00
		1	49	19.19	19.06	19.10	20.00
		25	0	19.20	19.22	19.21	20.00
		25	13	19.14	19.11	19.17	20.00
		25	25	19.13	19.01	19.08	20.00
		50	0	19.24	19.14	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.91	19.22	18.97	20.00
		1	38	19.03	19.02	19.16	20.00
		1	74	18.93	18.96	19.07	20.00
		36	0	19.01	19.14	19.12	20.00
		36	18	19.05	18.99	19.05	20.00
		36	39	19.08	18.94	19.01	20.00
		75	0	19.13	19.07	19.09	20.00
	16QAM	1	0	18.90	18.92	19.00	20.00
		1	38	18.92	18.99	18.93	20.00
		1	74	18.91	19.10	18.89	20.00
		36	0	19.07	19.05	19.13	20.00
		36	18	19.06	19.07	19.16	20.00
		36	39	19.13	19.05	19.04	20.00
		75	0	19.14	19.05	19.05	20.00
	64QAM	1	0	18.93	19.22	18.94	20.00
		1	38	19.12	18.97	19.22	20.00
		1	74	19.03	19.00	19.13	20.00
		36	0	18.99	19.14	19.16	20.00
		36	18	19.08	19.05	19.13	20.00
		36	39	19.03	18.94	19.06	20.00
		75	0	19.20	19.09	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.99	19.01	18.74	20.00

		1	50	19.02	19.11	19.00	20.00
		1	99	19.09	19.04	18.90	20.00
		50	0	19.09	19.21	19.01	20.00
		50	25	19.16	19.07	19.21	20.00
		50	50	19.20	18.96	18.94	20.00
		100	0	19.09	19.00	18.95	20.00
	16QAM	1	0	19.07	19.14	19.00	20.00
		1	50	19.15	18.88	18.89	20.00
		1	99	18.88	18.94	19.05	20.00
		50	0	19.03	19.05	19.00	20.00
		50	25	19.15	18.99	19.10	20.00
		50	50	19.19	18.99	18.99	20.00
		100	0	19.14	18.93	18.96	20.00
	64QAM	1	0	19.06	19.07	18.76	20.00
		1	50	19.08	19.07	19.03	20.00
		1	99	19.14	18.99	18.89	20.00
		50	0	19.19	19.27	18.99	20.00
		50	25	19.18	19.10	19.16	20.00
		50	50	19.25	18.92	18.94	20.00
		100	0	19.12	18.97	18.92	20.00

LTE Band 4 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.50	23.53	23.70	24.50
		1	2	23.22	23.37	23.64	24.50
		1	5	23.12	23.19	23.67	24.50
		3	0	23.36	23.33	23.50	24.50
		3	2	23.40	23.34	23.63	24.50
		3	3	23.23	23.44	23.58	24.50
	16QAM	6	0	22.32	22.38	22.59	23.50
		1	0	22.47	22.40	22.79	23.50
		1	2	22.60	22.55	22.62	23.50
		1	5	22.51	22.61	22.91	23.50
		3	0	22.36	22.28	22.48	23.50
		3	2	22.33	22.44	22.61	23.50
	64QAM	3	3	22.29	22.26	22.49	23.50
		6	0	21.37	21.41	21.70	22.50
		1	0	21.41	21.53	21.75	22.50
		1	2	21.32	21.38	21.71	22.50
		1	5	21.21	21.18	21.58	22.50
		3	0	21.45	21.33	21.56	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.38	23.47	23.42	24.50
		1	7	23.28	23.43	23.50	24.50
		1	14	23.29	23.37	23.41	24.50
		8	0	22.25	22.33	22.52	23.50

		8	4	22.28	22.31	22.50	23.50
		8	7	22.28	22.33	22.53	23.50
		15	0	22.26	22.35	22.48	23.50
	16QAM	1	0	22.44	22.61	22.30	23.50
		1	7	22.84	22.81	22.74	23.50
		1	14	22.83	22.70	22.38	23.50
		8	0	21.41	21.47	21.71	22.50
		8	4	21.24	21.41	21.47	22.50
		8	7	21.37	21.32	21.68	22.50
		15	0	21.26	21.28	21.49	22.50
	64QAM	1	0	21.42	21.46	21.47	22.50
		1	7	21.20	21.38	21.43	22.50
		1	14	21.39	21.31	21.48	22.50
		8	0	20.18	20.43	20.58	21.50
		8	4	20.20	20.21	20.50	21.50
		8	7	20.22	20.33	20.44	21.50
		15	0	20.17	20.30	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.34	23.45	23.67	24.50
		1	13	23.43	23.54	23.69	24.50
		1	24	23.24	23.38	23.62	24.50
		12	0	22.40	22.42	22.62	23.50
		12	6	22.35	22.50	22.58	23.50
		12	13	22.36	22.47	22.52	23.50
		25	0	22.40	22.41	22.58	23.50
	16QAM	1	0	22.89	22.74	22.78	23.50
		1	13	22.84	22.45	22.54	23.50
		1	24	22.93	22.59	22.59	23.50
		12	0	21.32	21.35	21.52	22.50
		12	6	21.27	21.45	21.59	22.50
		12	13	21.29	21.45	21.53	22.50
		25	0	21.43	21.45	21.56	22.50
	64QAM	1	0	21.42	21.41	21.76	22.50
		1	13	21.40	21.45	21.71	22.50
		1	24	21.23	21.43	21.64	22.50
		12	0	20.46	20.45	20.70	21.50
		12	6	20.29	20.51	20.60	21.50
		12	13	20.35	20.55	20.52	21.50
		25	0	20.36	20.43	20.63	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.34	23.34	23.49	24.50
		1	25	23.40	23.45	23.56	24.50
		1	49	23.20	23.43	23.50	24.50
		25	0	22.46	22.38	22.56	23.50
		25	13	22.27	22.44	22.52	23.50
		25	25	22.26	22.42	22.49	23.50
		50	0	22.40	22.49	22.57	23.50
	16QAM	1	0	22.93	22.63	22.87	23.50
		1	25	22.56	22.34	22.49	23.50
		1	49	22.14	22.58	22.63	23.50
		25	0	21.31	21.34	21.65	22.50
		25	13	21.29	21.41	21.55	22.50
		25	25	21.26	21.52	21.59	22.50

		50	0	21.32	21.37	21.53	22.50
	64QAM	1	0	21.38	21.40	21.39	22.50
		1	25	21.41	21.44	21.56	22.50
		1	49	21.11	21.48	21.42	22.50
		25	0	20.44	20.47	20.59	21.50
		25	13	20.18	20.35	20.48	21.50
		25	25	20.18	20.51	20.45	21.50
		50	0	20.34	20.50	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.39	23.29	23.46	24.50
		1	38	23.19	23.38	23.34	24.50
		1	74	23.41	23.54	23.81	24.50
		36	0	22.28	22.38	22.50	23.50
		36	18	22.27	22.35	22.50	23.50
		36	39	22.25	22.41	22.42	23.50
		75	0	22.32	22.47	22.49	23.50
	16QAM	1	0	22.67	22.63	22.62	23.50
		1	38	22.17	22.62	22.59	23.50
		1	74	22.22	22.49	22.62	23.50
		36	0	21.31	21.37	21.48	22.50
		36	18	21.29	21.44	21.52	22.50
		36	39	21.26	21.36	21.50	22.50
		75	0	21.30	21.35	21.50	22.50
	64QAM	1	0	21.38	21.33	21.37	22.50
		1	38	21.20	21.42	21.33	22.50
		1	74	21.42	21.50	21.86	22.50
		36	0	20.37	20.43	20.49	21.50
		36	18	20.37	20.26	20.56	21.50
		36	39	20.18	20.45	20.52	21.50
		75	0	20.40	20.50	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.46	23.46	23.45	24.50
		1	50	23.20	23.40	23.31	24.50
		1	99	23.24	23.25	23.34	24.50
		50	0	22.38	22.34	22.41	23.50
		50	25	22.36	22.44	22.43	23.50
		50	50	22.41	22.43	22.36	23.50
		100	0	22.41	22.39	22.42	23.50
	16QAM	1	0	22.43	22.89	22.94	23.50
		1	50	22.38	22.36	22.79	23.50
		1	99	22.59	22.81	22.73	23.50
		50	0	21.35	21.24	21.40	22.50
		50	25	21.32	21.33	21.39	22.50
		50	50	21.34	21.37	21.39	22.50
		100	0	21.34	21.31	21.42	22.50
	64QAM	1	0	21.36	21.51	21.37	22.50
		1	50	21.25	21.48	21.31	22.50
		1	99	21.18	21.23	21.35	22.50
		50	0	20.48	20.33	20.32	21.50
		50	25	20.26	20.51	20.40	21.50
		50	50	20.42	20.52	20.34	21.50
		100	0	20.51	20.37	20.44	21.50

LTE Band 4 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.74	20.76	20.95	21.50
		1	2	20.77	20.81	20.79	21.50
		1	5	20.72	20.92	20.90	21.50
		3	0	20.78	20.87	20.83	21.50
		3	2	20.83	20.84	20.77	21.50
		3	3	20.83	20.90	20.83	21.50
		6	0	20.80	20.85	20.79	21.50
	16QAM	1	0	20.32	20.44	20.83	21.50
		1	2	20.59	20.60	20.77	21.50
		1	5	20.85	20.64	20.46	21.50
		3	0	20.13	20.46	20.54	21.50
		3	2	20.34	20.39	20.55	21.50
		3	3	20.30	20.43	20.50	21.50
		6	0	20.88	20.93	20.88	21.50
	64QAM	1	0	20.65	20.76	20.97	21.50
		1	2	20.64	20.80	20.75	21.50
		1	5	20.74	20.77	20.83	21.50
		3	0	20.74	20.81	20.85	21.50
		3	2	20.70	20.71	20.73	21.50
		3	3	20.82	20.76	20.80	21.50
		6	0	20.42	20.47	20.75	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19965	20175	20385	21.50
		1	7	20.78	20.78	20.90	21.50
		1	14	20.73	20.90	20.95	21.50
		8	0	20.64	20.69	20.66	21.50
		8	4	20.80	20.82	20.88	21.50
		8	7	20.76	20.84	20.98	21.50
		8	7	20.77	20.79	20.99	21.50
	16QAM	15	0	20.74	20.83	20.93	21.50
		1	0	20.29	20.43	20.71	21.50
		1	7	20.76	20.55	20.49	21.50
		1	14	20.45	20.96	20.78	21.50
		8	0	20.77	20.89	20.84	21.50
		8	4	20.68	20.85	20.82	21.50
		8	7	20.86	20.89	20.75	21.50
	64QAM	15	0	20.69	20.79	20.71	21.50
		1	0	20.78	20.77	20.76	21.50
		1	7	20.73	20.82	20.96	21.50
		1	14	20.65	20.66	20.55	21.50
		8	0	20.12	20.39	20.50	21.50
		8	4	20.23	20.23	20.55	21.50
		8	7	20.20	20.35	20.50	21.50
		15	0	20.23	20.26	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	19975	20175	20375	21.50
		1	13	20.89	20.89	20.84	21.50
		1	24	20.82	20.78	20.88	21.50
		12	0	20.67	20.74	20.90	21.50
5MHz	QPSK	12	0	20.79	20.89	20.75	21.50

		12	6	20.81	20.84	20.95	21.50
		12	13	20.72	20.85	20.96	21.50
		25	0	20.79	20.91	20.96	21.50
	16QAM	1	0	20.84	20.49	20.85	21.50
		1	13	20.87	20.70	20.67	21.50
		1	24	20.56	20.52	20.70	21.50
		12	0	20.72	20.84	20.81	21.50
		12	6	20.85	20.95	20.79	21.50
		12	13	20.75	20.89	20.93	21.50
		25	0	20.77	20.89	20.71	21.50
	64QAM	1	0	20.86	20.87	20.86	21.50
		1	13	20.70	20.63	20.75	21.50
		1	24	20.57	20.62	20.83	21.50
		12	0	20.41	20.48	20.67	21.50
		12	6	20.34	20.46	20.56	21.50
		12	13	20.42	20.58	20.46	21.50
		25	0	20.32	20.38	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	20.74	20.92	20.96	21.50
		1	25	20.82	20.93	20.88	21.50
		1	49	20.73	20.80	20.81	21.50
		25	0	20.86	20.79	20.88	21.50
		25	13	20.75	20.89	20.97	21.50
		25	25	20.66	20.93	20.89	21.50
		50	0	20.73	20.93	20.98	21.50
	16QAM	1	0	20.94	20.64	20.36	21.50
		1	25	20.77	20.85	20.64	21.50
		1	49	20.81	20.60	20.81	21.50
		25	0	20.74	20.91	20.79	21.50
		25	13	20.80	20.89	20.96	21.50
		25	25	20.67	20.92	20.93	21.50
		50	0	20.77	20.86	20.92	21.50
	64QAM	1	0	20.71	20.80	20.93	21.50
		1	25	20.78	20.89	20.77	21.50
		1	49	20.60	20.68	20.70	21.50
		25	0	20.42	20.41	20.65	21.50
		25	13	20.22	20.43	20.55	21.50
		25	25	20.21	20.57	20.40	21.50
		50	0	20.29	20.51	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.78	20.62	20.80	21.50
		1	38	20.54	20.59	20.85	21.50
		1	74	20.59	20.86	20.83	21.50
		36	0	20.75	20.75	20.87	21.50
		36	18	20.66	20.80	20.80	21.50
		36	39	20.66	20.87	20.90	21.50
		75	0	20.79	20.87	20.94	21.50
	16QAM	1	0	20.88	20.53	20.60	21.50
		1	38	20.72	20.81	20.92	21.50
		1	74	20.49	20.47	20.46	21.50
		36	0	20.75	20.80	20.84	21.50
		36	18	20.69	20.82	20.87	21.50
		36	39	20.76	20.85	20.89	21.50

		75	0	20.71	20.81	20.87	21.50
	64QAM	1	0	20.78	20.52	20.76	21.50
		1	38	20.44	20.59	20.73	21.50
		1	74	20.58	20.85	20.73	21.50
		36	0	20.34	20.47	20.52	21.50
		36	18	20.43	20.30	20.63	21.50
		36	39	20.15	20.44	20.52	21.50
		75	0	20.38	20.60	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.76	20.77	20.79	21.50
		1	50	20.72	20.72	20.75	21.50
		1	99	20.74	20.64	20.88	21.50
		50	0	20.76	20.76	20.82	21.50
		50	25	20.91	20.89	20.85	21.50
		50	50	20.80	20.91	20.78	21.50
		100	0	20.83	20.85	20.75	21.50
	16QAM	1	0	20.27	20.44	20.73	21.50
		1	50	20.43	20.75	20.86	21.50
		1	99	20.49	20.47	20.75	21.50
		50	0	20.77	20.72	20.75	21.50
		50	25	20.77	20.79	20.74	21.50
		50	50	20.84	20.88	20.81	21.50
		100	0	20.84	20.82	20.80	21.50
	64QAM	1	0	20.63	20.76	20.66	21.50
		1	50	20.63	20.64	20.76	21.50
		1	99	20.64	20.61	20.73	21.50
		50	0	20.48	20.28	20.34	21.50
		50	25	20.28	20.61	20.47	21.50
		50	50	20.49	20.56	20.27	21.50
		100	0	20.47	20.30	20.47	21.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.81	22.46	22.59	24.00
		1	13	22.76	22.60	22.67	24.00
		1	24	22.84	22.67	22.72	24.00
		12	0	21.85	21.52	21.69	23.00
		12	6	21.81	21.52	21.65	23.00
		12	13	21.81	21.50	21.61	23.00
		25	0	21.85	21.51	21.69	23.00
	16QAM	1	0	22.20	21.91	21.75	23.00
		1	13	21.62	21.66	21.88	23.00
		1	24	22.26	21.49	21.77	23.00
		12	0	20.86	20.52	20.56	22.00
		12	6	20.77	20.57	20.69	22.00
		12	13	20.80	20.53	20.63	22.00
		25	0	20.84	20.56	20.66	22.00
	64QAM	1	0	20.68	20.53	20.55	22.00
		1	13	20.64	20.62	20.74	22.00

		1	24	20.60	20.57	20.68	22.00
		12	0	19.91	19.45	19.73	21.00
		12	6	19.90	19.44	19.74	21.00
		12	13	19.88	19.58	19.62	21.00
		25	0	19.87	19.59	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.78	22.42	22.63	24.00
		1	25	22.78	22.68	22.65	24.00
		1	49	22.67	22.56	22.59	24.00
		25	0	21.77	21.53	21.61	23.00
		25	13	21.75	21.48	21.66	23.00
		25	25	21.85	21.59	21.68	23.00
		50	0	21.84	21.59	21.68	23.00
	16QAM	1	0	21.76	21.59	21.77	23.00
		1	25	21.76	21.53	21.81	23.00
		1	49	21.85	21.65	22.14	23.00
		25	0	20.76	20.50	20.67	22.00
		25	13	20.86	20.55	20.68	22.00
		25	25	20.76	20.66	20.70	22.00
		50	0	20.76	20.51	20.57	22.00
	64QAM	1	0	20.62	20.36	20.59	22.00
		1	25	20.67	20.62	20.73	22.00
		1	49	20.75	20.57	20.52	22.00
		25	0	19.78	19.54	19.61	21.00
		25	13	19.66	19.48	19.60	21.00
		25	25	19.79	19.52	19.72	21.00
		50	0	19.91	19.61	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.84	22.49	22.42	24.00
		1	38	22.86	22.49	22.63	24.00
		1	74	22.54	22.65	22.63	24.00
		36	0	21.75	21.59	21.62	23.00
		36	18	21.71	21.57	21.65	23.00
		36	39	21.79	21.51	21.67	23.00
		75	0	21.75	21.52	21.71	23.00
	16QAM	1	0	21.78	21.83	21.82	23.00
		1	38	21.77	22.02	21.76	23.00
		1	74	21.79	21.45	22.17	23.00
		36	0	20.75	20.55	20.67	22.00
		36	18	20.84	20.60	20.63	22.00
		36	39	20.74	20.50	20.74	22.00
		75	0	20.75	20.51	20.66	22.00
	64QAM	1	0	20.61	20.53	20.36	22.00
		1	38	20.70	20.59	20.58	22.00
		1	74	20.44	20.75	20.69	22.00
		36	0	19.85	19.59	19.69	21.00
		36	18	19.72	19.63	19.58	21.00
		36	39	19.88	19.50	19.62	21.00
		75	0	19.65	19.48	19.79	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.73	22.37	22.36	24.00
		1	50	22.74	22.50	22.61	24.00
		1	99	22.60	22.48	22.71	24.00
		50	0	21.72	21.54	21.67	23.00
		50	25	21.76	21.59	21.64	23.00
		50	50	21.85	21.51	21.65	23.00
		100	0	21.73	21.53	21.64	23.00
	16QAM	1	0	22.08	21.46	21.37	23.00
		1	50	21.85	21.41	21.55	23.00
		1	99	21.79	21.99	21.88	23.00
		50	0	20.74	20.51	20.72	22.00
		50	25	20.75	20.57	20.69	22.00
		50	50	20.77	20.50	20.65	22.00
		100	0	20.75	20.58	20.62	22.00
	64QAM	1	0	20.63	20.37	20.43	22.00
		1	50	20.65	20.57	20.71	22.00
		1	99	20.57	20.39	20.72	22.00
		50	0	19.81	19.54	19.76	21.00
		50	25	19.82	19.55	19.65	21.00
		50	50	19.91	19.59	19.68	21.00
		100	0	19.77	19.48	19.56	21.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.26	23.21	23.19	25.00
		1	13	23.25	23.20	23.21	25.00
		1	24	23.26	23.25	23.23	25.00
		12	0	22.23	22.24	22.25	24.00
		12	6	22.23	22.23	22.27	24.00
		12	13	22.21	22.27	22.31	24.00
		25	0	22.27	22.21	22.28	24.00
	16QAM	1	0	22.23	22.20	22.27	24.00
		1	13	22.23	22.25	22.29	24.00
		1	24	22.22	22.24	22.27	24.00
		12	0	21.22	21.16	21.25	23.00
		12	6	21.16	21.19	21.27	23.00
		12	13	21.17	21.20	21.25	23.00
		25	0	21.31	21.29	21.27	23.00
	64QAM	1	0	21.17	21.22	21.10	23.00
		1	13	21.24	21.27	21.21	23.00
		1	24	21.16	21.28	21.30	23.00
		12	0	20.26	20.15	20.34	22.00
		12	6	20.25	20.23	20.26	22.00
		12	13	20.21	20.28	20.40	22.00
		25	0	20.30	20.31	20.22	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				37800	38000	38200	
10MHz	QPSK	1	0	23.27	23.27	23.13	25.00
		1	25	23.24	23.19	23.19	25.00
		1	49	23.25	23.20	23.24	25.00
		25	0	22.25	22.23	22.31	24.00
		25	13	22.19	22.21	22.26	24.00
		25	25	22.20	22.27	22.29	24.00
		50	0	22.25	22.26	22.31	24.00
	16QAM	1	0	22.24	22.22	22.20	24.00
		1	25	22.18	22.27	22.28	24.00
		1	49	22.17	22.24	22.26	24.00
		25	0	21.29	21.29	21.29	23.00
		25	13	21.22	21.30	21.24	23.00
		25	25	21.22	21.28	21.32	23.00
		50	0	21.22	21.28	21.32	23.00
	64QAM	1	0	21.20	21.34	21.20	23.00
		1	25	21.14	21.18	21.17	23.00
		1	49	21.15	21.29	21.19	23.00
		25	0	20.35	20.17	20.39	22.00
		25	13	20.21	20.21	20.30	22.00
		25	25	20.11	20.19	20.24	22.00
		50	0	20.27	20.16	20.41	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.24	23.14	23.07	25.00
		1	38	23.17	23.18	23.19	25.00
		1	74	23.20	23.13	23.19	25.00
		36	0	22.17	22.17	22.21	24.00
		36	18	22.14	22.20	22.22	24.00
		36	39	22.11	22.21	22.21	24.00
		75	0	22.16	22.24	22.24	24.00
	16QAM	1	0	22.21	22.14	22.23	24.00
		1	38	22.19	22.24	22.26	24.00
		1	74	22.13	22.14	22.23	24.00
		36	0	21.16	21.19	21.19	23.00
		36	18	21.14	21.20	21.19	23.00
		36	39	21.11	21.19	21.17	23.00
		75	0	21.18	21.22	21.24	23.00
	64QAM	1	0	21.25	21.14	21.19	23.00
		1	38	21.15	21.12	21.25	23.00
		1	74	21.30	21.10	21.21	23.00
		36	0	20.19	20.10	20.25	22.00
		36	18	20.09	20.11	20.24	22.00
		36	39	20.17	20.23	20.19	22.00
		75	0	20.26	20.33	20.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.18	23.11	23.03	25.00
		1	50	23.22	23.25	23.25	25.00
		1	99	23.15	23.08	23.04	25.00
		50	0	22.19	22.19	22.26	24.00

		50	25	22.16	22.27	22.25	24.00
		50	50	22.14	22.24	22.23	24.00
		100	0	22.19	22.28	22.19	24.00
	16QAM	1	0	22.15	22.04	22.18	24.00
		1	50	22.13	22.22	22.2	24.00
		1	99	22.09	22.14	22.12	24.00
		50	0	21.18	21.21	21.25	23.00
		50	25	21.18	21.26	21.29	23.00
		50	50	21.15	21.26	21.23	23.00
		100	0	21.17	21.22	21.21	23.00
	64QAM	1	0	21.10	21.08	21.11	23.00
		1	50	21.25	21.24	21.21	23.00
		1	99	21.17	21.08	21.03	23.00
		50	0	20.16	20.14	20.36	22.00
		50	25	20.24	20.25	20.29	22.00
		50	50	20.13	20.17	20.25	22.00
		100	0	20.20	20.34	20.16	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	23.11	22.85	22.81	22.68	22.41	24.00
		1	13	23.09	22.87	22.92	22.70	22.47	24.00
		1	24	22.99	22.93	22.82	22.69	22.40	24.00
		12	0	22.10	21.86	21.81	21.69	21.54	23.00
		12	6	22.06	21.88	21.81	21.62	21.43	23.00
		12	13	22.11	21.87	21.77	21.70	21.44	23.00
	16QAM	25	0	22.08	21.88	21.76	21.69	21.47	23.00
		1	0	22.15	21.82	21.82	21.74	21.42	23.00
		1	13	22.05	21.82	21.79	21.73	21.45	23.00
		1	24	22.00	21.84	21.74	21.72	21.41	23.00
		12	0	21.02	20.82	20.78	20.65	20.46	22.00
		12	6	20.96	20.82	20.76	20.69	20.45	22.00
	64QAM	12	13	21.03	20.79	20.74	20.69	20.39	22.00
		25	0	21.12	20.88	20.83	20.77	20.54	22.00
		1	0	20.78	20.85	20.72	20.60	20.34	22.00
		1	13	20.82	20.81	20.86	20.56	20.38	22.00
		1	24	20.74	20.98	20.81	20.64	20.28	22.00
		12	0	20.07	19.82	19.78	19.68	19.48	21.00
10MHz	QPSK	12	6	20.14	19.82	19.79	19.49	19.28	21.00
		12	13	20.13	19.80	19.69	19.56	19.33	21.00
		25	0	20.10	19.78	19.65	19.67	19.32	21.00
	16QAM	1	0	23.08	22.87	22.76	22.71	22.44	24.00
		1	25	23.02	22.88	22.85	22.74	22.40	24.00
		1	49	22.94	22.82	22.80	22.69	22.40	24.00
	64QAM	25	0	22.02	21.83	21.80	21.74	21.50	23.00
		25	13	21.94	21.86	21.80	21.73	21.48	23.00
		25	25	22.02	21.84	21.81	21.74	21.47	23.00
	16QAM	50	0	22.04	21.96	21.85	21.75	21.49	23.00
		1	0	22.07	21.90	21.76	21.72	21.51	23.00
		1	25	22.04	21.85	21.80	21.71	21.45	23.00
		1	49	21.94	21.81	21.80	21.72	21.47	23.00
		25	0	21.11	20.84	20.82	20.74	20.47	22.00
		25	13	21.06	20.88	20.82	20.76	20.55	22.00

	64QAM	25	25	21.00	20.88	20.88	20.70	20.50	22.00
		50	0	21.10	20.87	20.84	20.77	20.55	22.00
		1	0	20.81	20.86	20.68	20.66	20.44	22.00
		1	25	20.76	20.84	20.77	20.71	20.40	22.00
		1	49	20.75	20.75	20.79	20.57	20.28	22.00
		25	0	19.96	19.82	19.67	19.63	19.49	21.00
		25	13	19.99	19.77	19.79	19.65	19.39	21.00
		25	25	20.07	19.89	19.76	19.64	19.32	21.00
		50	0	20.14	20.01	19.78	19.72	19.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	23.07	22.84	22.71	22.64	22.48	24.00
		1	38	22.99	22.84	22.80	22.73	22.38	24.00
		1	74	22.83	22.81	22.80	22.60	22.32	24.00
		36	0	22.07	21.84	21.74	21.65	21.47	23.00
		36	18	22.00	21.85	21.78	21.63	21.43	23.00
		36	39	21.93	21.78	21.76	21.64	21.40	23.00
		75	0	21.96	21.79	21.80	21.73	21.48	23.00
	16QAM	1	0	22.03	21.76	21.72	21.66	21.52	23.00
		1	38	21.93	21.84	21.79	21.73	21.45	23.00
		1	74	21.84	21.79	21.73	21.65	21.37	23.00
		36	0	20.90	20.78	20.72	20.66	20.47	22.00
		36	18	20.96	20.81	20.75	20.64	20.45	22.00
		36	39	20.88	20.76	20.72	20.62	20.39	22.00
		75	0	21.02	20.84	20.76	20.71	20.46	22.00
	64QAM	1	0	20.92	20.81	20.68	20.62	20.36	22.00
		1	38	20.88	20.83	20.69	20.63	20.33	22.00
		1	74	20.80	20.78	20.67	20.57	20.32	22.00
		36	0	20.07	19.87	19.72	19.55	19.42	21.00
		36	18	20.02	19.89	19.78	19.55	19.37	21.00
		36	39	19.86	19.68	19.64	19.57	19.38	21.00
		75	0	20.05	19.84	19.71	19.58	19.41	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	23.01	22.80	23.03	22.62	22.37	24.00
		1	50	22.97	22.89	22.79	22.69	22.03	24.00
		1	99	22.79	22.72	22.68	22.54	22.27	24.00
		50	0	21.95	21.86	21.77	21.71	21.56	23.00
		50	25	21.94	21.86	21.81	21.76	21.51	23.00
		50	50	21.93	21.85	21.79	21.69	21.47	23.00
		100	0	22.00	21.82	21.80	21.71	21.51	23.00
	16QAM	1	0	22.01	21.74	21.65	21.63	21.50	23.00
		1	50	21.98	21.83	21.80	21.67	21.46	23.00
		1	99	21.82	21.76	21.71	21.61	21.36	23.00
		50	0	20.96	20.84	20.78	20.74	20.56	22.00
		50	25	20.96	20.86	20.82	20.78	20.50	22.00
		50	50	20.99	20.87	20.81	20.72	20.50	22.00
		100	0	20.88	20.82	20.75	20.72	20.49	22.00
	64QAM	1	0	20.75	20.69	20.88	20.55	20.29	22.00
		1	50	20.87	20.81	20.69	20.59	20.29	22.00
		1	99	20.75	20.65	20.66	20.48	20.24	22.00
		50	0	19.98	19.86	19.69	19.61	19.41	21.00
		50	25	19.97	19.92	19.69	19.69	19.51	21.00
		50	50	20.02	19.79	19.77	19.62	19.45	21.00
		100	0	19.98	19.84	19.79	19.65	19.41	21.00

LTE Band 66 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.65	23.59	23.52	24.50
		1	2	23.66	23.78	23.79	24.50
		1	5	23.69	23.62	23.43	24.50
		3	0	23.31	23.41	23.42	24.50
		3	1	23.41	23.45	23.51	24.50
		3	3	23.61	23.51	23.47	24.50
		6	0	22.73	22.65	22.72	23.50
	16QAM	1	0	22.45	22.39	22.42	23.50
		1	2	22.27	22.23	22.37	23.50
		1	5	22.77	22.86	22.76	23.50
		3	0	22.34	22.30	22.37	23.50
		3	1	22.31	22.37	22.47	23.50
		3	3	22.50	22.44	22.47	23.50
		6	0	21.45	21.59	21.55	22.50
	64QAM	1	0	21.50	21.57	21.51	22.50
		1	2	21.49	21.30	21.42	22.50
		1	5	21.56	21.46	21.51	22.50
		3	0	21.54	21.53	21.65	22.50
		3	1	21.52	21.68	21.67	22.50
		3	3	21.61	21.60	21.52	22.50
		6	0	20.54	20.57	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.72	23.55	23.47	24.50
		1	7	23.69	23.83	23.83	24.50
		1	14	23.61	23.54	23.42	24.50
		8	0	22.70	22.54	22.68	23.50
		8	4	22.73	22.66	22.55	23.50
		8	7	22.76	22.71	22.76	23.50
		15	0	22.60	22.60	22.69	23.50
	16QAM	1	0	22.48	22.36	22.48	23.50
		1	7	22.28	22.26	22.50	23.50
		1	14	22.70	22.78	22.65	23.50
		8	0	21.64	21.57	21.71	22.50
		8	4	21.44	21.63	21.66	22.50
		8	7	21.70	21.62	21.67	22.50
		15	0	21.63	21.61	21.56	22.50
	64QAM	1	0	21.47	21.50	21.41	22.50
		1	7	21.46	21.31	21.38	22.50
		1	14	21.67	21.63	21.55	22.50
		8	0	20.62	20.51	20.83	21.50
		8	4	20.57	20.71	20.81	21.50
		8	7	20.68	20.55	20.68	21.50
		15	0	20.62	20.51	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.58	23.65	23.60	24.50
		1	13	23.68	23.84	23.77	24.50
		1	24	23.72	23.66	23.47	24.50

		12	0	22.68	22.57	22.67	23.50
		12	6	22.65	22.54	22.66	23.50
		12	13	22.72	22.64	22.71	23.50
		25	0	22.68	22.65	22.78	23.50
	16QAM	1	0	22.41	22.34	22.46	23.50
		1	13	22.37	22.39	22.45	23.50
		1	24	22.76	22.85	22.71	23.50
		12	0	21.62	21.64	21.75	22.50
		12	6	21.62	21.66	21.56	22.50
		12	13	21.81	21.70	21.57	22.50
		25	0	21.56	21.60	21.61	22.50
	64QAM	1	0	21.33	21.38	21.51	22.50
		1	13	21.42	21.39	21.34	22.50
		1	24	21.69	21.57	21.66	22.50
		12	0	20.70	20.69	20.74	21.50
		12	6	20.44	20.78	20.69	21.50
		12	13	20.77	20.65	20.61	21.50
		25	0	20.58	20.55	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.74	23.64	23.63	24.50
		1	25	23.68	23.73	23.72	24.50
		1	49	23.68	23.65	23.38	24.50
		25	0	22.54	22.55	22.52	23.50
		25	13	22.67	22.72	22.59	23.50
		25	25	22.90	22.65	22.76	23.50
		50	0	22.64	22.54	22.66	23.50
	16QAM	1	0	22.35	22.36	22.31	23.50
		1	25	22.30	22.37	22.38	23.50
		1	49	22.69	22.72	22.76	23.50
		25	0	21.50	21.62	21.74	22.50
		25	13	21.53	21.53	21.61	22.50
		25	25	21.81	21.69	21.62	22.50
		50	0	21.48	21.51	21.51	22.50
	64QAM	1	0	21.40	21.47	21.43	22.50
		1	25	21.48	21.36	21.51	22.50
		1	49	21.60	21.58	21.55	22.50
		25	0	20.56	20.68	20.68	21.50
		25	13	20.56	20.61	20.62	21.50
		25	25	20.80	20.71	20.52	21.50
		50	0	20.63	20.55	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.61	23.61	23.58	24.50
		1	38	23.61	23.85	23.78	24.50
		1	74	23.61	23.62	23.44	24.50
		36	0	22.62	22.57	22.55	23.50
		36	18	22.73	22.58	22.57	23.50
		36	39	22.78	22.75	22.80	23.50
		75	0	22.72	22.64	22.67	23.50
	16QAM	1	0	22.40	22.48	22.43	23.50
		1	38	22.33	22.34	22.44	23.50
		1	74	22.83	22.84	22.68	23.50
		36	0	21.54	21.48	21.65	22.50
		36	18	21.60	21.50	21.76	22.50

	64QAM	36	39	21.73	21.54	21.68	22.50
		75	0	21.51	21.68	21.50	22.50
		1	0	21.33	21.38	21.51	22.50
		1	38	21.46	21.41	21.45	22.50
		1	74	21.61	21.61	21.59	22.50
		36	0	20.55	20.68	20.80	21.50
		36	18	20.52	20.77	20.73	21.50
		36	39	20.73	20.67	20.59	21.50
		75	0	20.63	20.55	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.67	23.61	23.56	24.50
		1	50	23.67	23.75	23.75	24.50
		1	99	23.64	23.57	23.48	24.50
		50	0	22.60	22.62	22.59	23.50
		50	25	22.66	22.63	22.61	23.50
		50	50	22.81	22.71	22.73	23.50
		100	0	22.64	22.64	22.72	23.50
	16QAM	1	0	22.44	22.41	22.41	23.50
		1	50	22.32	22.32	22.40	23.50
		1	99	22.73	22.76	22.74	23.50
		50	0	21.54	21.58	21.66	22.50
		50	25	21.52	21.59	21.66	22.50
		50	50	21.72	21.62	21.59	22.50
		100	0	21.53	21.60	21.54	22.50
	64QAM	1	0	21.39	21.46	21.48	22.50
		1	50	21.39	21.37	21.40	22.50
		1	99	21.61	21.52	21.54	22.50
		50	0	20.62	20.57	20.72	21.50
		50	25	20.47	20.66	20.70	21.50
		50	50	20.72	20.60	20.58	21.50
		100	0	20.54	20.56	20.55	21.50

LTE Band 66 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.48	20.58	20.47	21.50
		1	2	20.61	20.64	20.47	21.50
		1	5	20.65	20.60	20.61	21.50
		3	0	20.54	20.62	20.70	21.50
		3	1	20.57	20.50	20.56	21.50
		3	3	20.45	20.44	20.43	21.50
		6	0	20.30	20.41	20.39	21.50
	16QAM	1	0	20.60	20.44	20.63	21.50
		1	2	20.44	20.36	20.23	21.50
		1	5	20.14	20.15	20.29	21.50
		3	0	20.46	20.54	20.41	21.50
		3	1	20.68	20.50	20.60	21.50
		3	3	20.30	20.38	20.41	21.50
		6	0	20.39	20.40	20.62	21.50
	64QAM	1	0	20.58	20.51	20.65	21.50
		1	2	20.47	20.31	20.31	21.50
		1	5	20.16	20.49	20.33	21.50

		3	0	20.49	20.65	20.36	21.50
		3	1	20.60	20.44	20.63	21.50
		3	3	20.40	20.31	20.40	21.50
		6	0	20.50	20.43	20.55	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.47	20.56	20.46	21.50
		1	7	20.71	20.68	20.62	21.50
		1	14	20.57	20.65	20.59	21.50
		8	0	20.57	20.66	20.65	21.50
		8	4	20.55	20.50	20.49	21.50
		8	7	20.40	20.41	20.34	21.50
		15	0	20.33	20.33	20.28	21.50
	16QAM	1	0	20.63	20.50	20.51	21.50
		1	7	20.44	20.38	20.26	21.50
		1	14	20.14	20.13	20.25	21.50
		8	0	20.49	20.57	20.38	21.50
		8	4	20.57	20.53	20.57	21.50
		8	7	20.23	20.39	20.48	21.50
		15	0	20.44	20.40	20.53	21.50
	64QAM	1	0	20.69	20.48	20.60	21.50
		1	7	20.41	20.36	20.19	21.50
		1	14	20.12	20.23	20.26	21.50
		8	0	20.56	20.59	20.48	21.50
		8	4	20.59	20.54	20.65	21.50
		8	7	20.17	20.33	20.48	21.50
		15	0	20.40	20.45	20.57	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.40	20.52	20.55	21.50
		1	13	20.56	20.64	20.51	21.50
		1	24	20.53	20.52	20.52	21.50
		12	0	20.60	20.68	20.69	21.50
		12	6	20.69	20.66	20.58	21.50
		12	13	20.37	20.49	20.40	21.50
		25	0	20.31	20.48	20.23	21.50
	16QAM	1	0	20.67	20.56	20.56	21.50
		1	13	20.49	20.32	20.28	21.50
		1	24	20.16	20.19	20.25	21.50
		12	0	20.49	20.40	20.37	21.50
		12	6	20.52	20.49	20.63	21.50
		12	13	20.33	20.29	20.48	21.50
		25	0	20.35	20.54	20.53	21.50
	64QAM	1	0	20.70	20.58	20.68	21.50
		1	13	20.43	20.37	20.25	21.50
		1	24	20.10	20.19	20.32	21.50
		12	0	20.46	20.50	20.31	21.50
		12	6	20.53	20.58	20.60	21.50
		12	13	20.35	20.21	20.50	21.50
		25	0	20.27	20.59	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.67	20.52	20.64	21.50
		1	25	20.54	20.60	20.46	21.50
		1	49	20.56	20.52	20.51	21.50

		25	0	20.55	20.49	20.64	21.50
		25	13	20.66	20.50	20.46	21.50
		25	25	20.48	20.35	20.49	21.50
		50	0	20.33	20.34	20.24	21.50
	16QAM	1	0	20.56	20.56	20.64	21.50
		1	25	20.49	20.24	20.36	21.50
		1	49	20.10	20.15	20.32	21.50
		25	0	20.61	20.41	20.40	21.50
		25	13	20.65	20.55	20.53	21.50
		25	25	20.32	20.49	20.43	21.50
		50	0	20.48	20.57	20.61	21.50
	64QAM	1	0	20.52	20.58	20.60	21.50
		1	25	20.58	20.30	20.34	21.50
		1	49	20.12	20.15	20.34	21.50
		25	0	20.62	20.48	20.43	21.50
		25	13	20.66	20.49	20.52	21.50
		25	25	20.29	20.60	20.52	21.50
		50	0	20.40	20.52	20.67	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.35	20.39	20.64	21.50
		1	38	20.66	20.59	20.64	21.50
		1	74	20.57	20.64	20.49	21.50
		36	0	20.70	20.66	20.55	21.50
		36	18	20.67	20.63	20.41	21.50
		36	39	20.44	20.54	20.36	21.50
		75	0	20.27	20.35	20.38	21.50
	16QAM	1	0	20.69	20.57	20.57	21.50
		1	38	20.36	20.33	20.29	21.50
		1	74	20.16	20.26	20.30	21.50
		36	0	20.56	20.42	20.47	21.50
		36	18	20.62	20.65	20.53	21.50
		36	39	20.39	20.47	20.55	21.50
		75	0	20.36	20.50	20.58	21.50
	64QAM	1	0	20.68	20.55	20.51	21.50
		1	38	20.35	20.43	20.25	21.50
		1	74	20.23	20.35	20.39	21.50
		36	0	20.63	20.46	20.50	21.50
		36	18	20.62	20.60	20.57	21.50
		36	39	20.42	20.50	20.56	21.50
		75	0	20.44	20.48	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.45	20.48	20.56	21.50
		1	50	20.63	20.59	20.54	21.50
		1	99	20.64	20.60	20.57	21.50
		50	0	20.54	20.59	20.68	21.50
		50	25	20.62	20.57	20.51	21.50
		50	50	20.42	20.44	20.44	21.50
		100	0	20.37	20.39	20.32	21.50
	16QAM	1	0	20.62	20.54	20.59	21.50
		1	50	20.41	20.33	20.28	21.50
		1	99	20.19	20.20	20.29	21.50
		50	0	20.51	20.47	20.37	21.50
		50	25	20.62	20.56	20.63	21.50



		50	50	20.29	20.39	20.46	21.50
		100	0	20.38	20.48	20.57	21.50
	64QAM	1	0	20.61	20.55	20.67	21.50
		1	50	20.51	20.36	20.29	21.50
		1	99	20.25	20.24	20.21	21.50
		50	0	20.59	20.53	20.30	21.50
		50	25	20.56	20.49	20.64	21.50
		50	50	20.36	20.38	20.41	21.50
		100	0	20.33	20.40	20.60	21.50

Table 6: Conducted Power of LTE

3 Conducted Power of Main Antenna(Ant41)

3.1 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	32.53	32.77	33.00	34.30	-9.19	23.34	23.58	23.81	25.11
GPRS/EGPRS (GMSK)	1 TX Slot	32.50	32.70	32.98	34.30	-9.19	23.31	23.51	23.79	25.11
	2 TX Slots	31.80	31.83	31.84	33.30	-6.18	25.62	25.65	25.66	27.12
	3 TX Slots	29.87	29.83	29.82	31.50	-4.42	25.45	25.41	25.4	27.08
	4 TX Slots	28.93	28.86	28.81	30.40	-3.17	25.76	25.69	25.64	27.23
EGPRS(8PSK)	1 TX Slot	26.13	26.08	26.13	27.60	-9.19	16.94	16.89	16.94	18.41
	2 TX Slots	24.08	24.00	23.91	25.50	-6.18	17.9	17.82	17.73	19.32
	3 TX Slots	22.67	22.77	22.76	24.20	-4.42	18.25	18.35	18.34	19.78
	4 TX Slots	21.71	21.75	21.65	23.20	-3.17	18.54	18.58	18.48	20.03

Table 7: Conducted Power of GSM

3.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.67	23.63	23.68	25.00
	12.2kbps AMR	23.61	23.57	23.62	25.00
HSDPA	Subtest 1	22.85	22.73	22.90	24.00
	Subtest 2	22.83	22.68	22.73	24.00
	Subtest 3	22.75	22.69	22.74	24.00
	Subtest 4	22.56	22.62	22.59	24.00
HSUPA	Subtest 1	22.91	22.58	22.89	24.00
	Subtest 2	21.13	20.96	21.22	22.50
	Subtest 3	21.78	21.75	21.47	23.00
	Subtest 4	20.43	20.57	20.51	22.00
	Subtest 5	22.79	22.62	22.86	24.00
DC-HSDPA	Subtest 1	22.84	22.92	22.79	24.00
	Subtest 2	22.71	22.78	22.59	24.00
	Subtest 3	22.76	22.62	22.71	24.00
	Subtest 4	22.36	22.71	22.39	24.00
HSPA+	16QAM	22.98	22.74	22.98	24.00

Table 8: Conducted Power of WCDMA

3.3 Conducted Power of LTE

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	23.00	23.28	23.28	24.50
		1	2	22.98	23.38	23.16	24.50
		1	5	22.91	23.09	23.25	24.50
		3	0	23.05	23.23	23.32	24.50
		3	2	23.06	23.23	23.16	24.50
		3	3	23.10	23.25	23.18	24.50
		6	0	22.10	22.25	22.24	23.50
	16QAM	1	0	22.33	22.74	22.28	23.50
		1	2	22.37	22.11	22.24	23.50
		1	5	21.94	22.61	22.63	23.50
		3	0	22.09	22.29	22.22	23.50
		3	2	22.05	22.09	22.16	23.50
		3	3	21.99	22.23	22.19	23.50
		6	0	21.22	21.29	21.29	22.50
	64QAM	1	0	21.29	21.41	21.38	22.50
		1	2	21.45	21.34	21.35	22.50
		1	5	21.38	21.33	21.36	22.50
		3	0	21.40	21.15	21.53	22.50
		3	2	21.38	21.44	21.40	22.50
		3	3	21.26	21.33	21.46	22.50
		6	0	20.49	20.44	20.64	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.19	23.24	23.20	24.50
		1	7	23.07	23.18	23.19	24.50
		1	14	23.29	23.21	23.35	24.50
		8	0	22.04	22.24	22.23	23.50
		8	4	22.12	22.26	22.15	23.50
		8	7	22.08	22.26	22.23	23.50
		15	0	22.04	22.25	22.24	23.50
	16QAM	1	0	22.09	22.82	22.22	23.50
		1	7	21.98	22.67	22.55	23.50
		1	14	22.39	22.08	22.25	23.50
		8	0	21.08	21.26	21.25	22.50
		8	4	21.18	21.28	21.30	22.50
		8	7	21.02	21.30	21.25	22.50
		15	0	21.12	21.29	21.21	22.50
	64QAM	1	0	21.32	21.54	21.03	22.50
		1	7	21.55	21.32	21.07	22.50
		1	14	21.53	21.31	21.33	22.50
		8	0	20.55	20.55	20.76	21.50
		8	4	20.60	20.69	20.75	21.50
		8	7	20.51	20.56	20.55	21.50
		15	0	20.64	20.39	20.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.09	23.31	23.15	24.50
		1	13	23.24	23.31	23.30	24.50

		1	24	23.26	23.20	23.27	24.50
		12	0	22.10	22.22	22.22	23.50
		12	6	22.08	22.22	22.21	23.50
		12	13	22.08	22.17	22.22	23.50
		25	0	22.12	22.24	22.22	23.50
	16QAM	1	0	22.49	22.80	22.33	23.50
		1	13	22.46	22.50	22.29	23.50
		1	24	22.14	22.72	22.54	23.50
		12	0	21.12	21.25	21.26	22.50
		12	6	21.19	21.24	21.32	22.50
		12	13	21.03	21.24	21.23	22.50
		25	0	21.02	21.29	21.27	22.50
	64QAM	1	0	21.36	21.46	21.17	22.50
		1	13	21.49	21.26	21.10	22.50
		1	24	21.58	21.15	21.39	22.50
		12	0	20.49	20.41	20.65	21.50
		12	6	20.53	20.60	20.57	21.50
		12	13	20.69	20.70	20.67	21.50
		25	0	20.53	20.58	20.68	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.09	23.18	23.13	24.50
		1	25	23.46	23.33	23.44	24.50
		1	49	23.22	23.29	23.22	24.50
		25	0	22.25	22.14	22.37	23.50
		25	13	22.23	22.25	22.26	23.50
		25	25	22.31	22.25	22.22	23.50
		50	0	22.24	22.22	22.35	23.50
	16QAM	1	0	22.29	22.67	22.05	23.50
		1	25	22.57	22.35	22.21	23.50
		1	49	22.71	22.30	22.34	23.50
		25	0	21.28	21.19	21.45	22.50
		25	13	21.22	21.27	21.35	22.50
		25	25	21.28	21.33	21.31	22.50
		50	0	21.25	21.21	21.33	22.50
	64QAM	1	0	21.35	21.47	21.09	22.50
		1	25	21.45	21.32	21.13	22.50
		1	49	21.48	21.22	21.39	22.50
		25	0	20.56	20.45	20.73	21.50
		25	13	20.55	20.61	20.66	21.50
		25	25	20.60	20.61	20.65	21.50
		50	0	20.59	20.49	20.67	21.50

LTE Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.98	23.27	23.25	24.50
		1	2	22.92	23.18	23.45	24.50
		1	5	22.95	23.32	23.26	24.50
		3	0	23.12	23.17	23.25	24.50
		3	2	23.09	23.09	23.37	24.50
		3	3	23.23	23.10	23.39	24.50
		6	0	22.03	22.21	22.34	23.50

	16QAM	1	0	22.06	22.49	22.59	23.50
		1	2	22.10	22.29	22.55	23.50
		1	5	22.52	22.25	22.66	23.50
		3	0	22.13	22.05	22.39	23.50
		3	2	22.06	22.22	22.43	23.50
		3	3	22.19	22.10	22.39	23.50
		6	0	21.03	21.18	21.33	22.50
	64QAM	1	0	21.62	21.42	21.63	22.50
		1	2	21.24	21.54	21.31	22.50
		1	5	21.63	21.53	21.59	22.50
		3	0	21.45	21.53	21.57	22.50
		3	2	21.65	21.50	21.45	22.50
		3	3	21.47	21.65	21.56	22.50
		6	0	20.22	20.30	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.13	23.21	23.32	24.50
		1	7	23.23	23.14	23.41	24.50
		1	14	23.12	23.25	23.42	24.50
		8	0	22.03	22.10	22.27	23.50
		8	4	22.09	22.14	22.32	23.50
		8	7	22.04	22.13	22.30	23.50
		15	0	22.05	22.21	22.29	23.50
	16QAM	1	0	22.33	22.63	22.49	23.50
		1	7	21.95	22.07	22.63	23.50
		1	14	22.47	22.22	22.76	23.50
		8	0	21.16	21.10	21.31	22.50
		8	4	21.13	21.14	21.44	22.50
		8	7	21.20	21.16	21.32	22.50
		15	0	20.96	21.18	21.30	22.50
	64QAM	1	0	21.73	21.34	21.75	22.50
		1	7	21.22	21.62	21.30	22.50
		1	14	21.64	21.61	21.57	22.50
		8	0	20.24	20.28	20.31	21.50
		8	4	20.39	20.23	20.19	21.50
		8	7	20.34	20.46	20.28	21.50
		15	0	20.35	20.39	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.13	23.31	23.28	24.50
		1	13	23.06	23.25	23.30	24.50
		1	24	23.29	23.24	23.42	24.50
		12	0	22.06	22.12	22.30	23.50
		12	6	22.07	22.18	22.30	23.50
		12	13	22.14	22.21	22.28	23.50
		25	0	22.08	22.26	22.28	23.50
	16QAM	1	0	22.07	22.44	22.69	23.50
		1	13	22.16	22.50	22.33	23.50
		1	24	22.60	22.46	22.34	23.50
		12	0	21.10	21.15	21.23	22.50
		12	6	21.10	21.17	21.22	22.50
		12	13	21.12	21.17	21.23	22.50
		25	0	21.12	21.30	21.24	22.50
	64QAM	1	0	21.66	21.43	21.76	22.50
		1	13	21.31	21.63	21.32	22.50

		1	24	21.67	21.48	21.68	22.50
		12	0	20.25	20.34	20.20	21.50
		12	6	20.31	20.36	20.19	21.50
		12	13	20.46	20.46	20.30	21.50
		25	0	20.31	20.33	20.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.14	23.03	23.21	24.50
		1	25	23.37	23.47	23.40	24.50
		1	49	23.30	23.27	23.35	24.50
		25	0	22.11	22.11	22.21	23.50
		25	13	22.17	22.25	22.20	23.50
		25	25	22.36	22.26	22.23	23.50
		50	0	22.19	22.25	22.24	23.50
	16QAM	1	0	22.57	22.28	22.62	23.50
		1	25	22.13	22.65	22.14	23.50
		1	49	22.57	22.43	22.49	23.50
		25	0	21.08	21.14	21.14	22.50
		25	13	21.20	21.18	21.14	22.50
		25	25	21.26	21.27	21.14	22.50
		50	0	21.16	21.24	21.33	22.50
	64QAM	1	0	21.72	21.34	21.68	22.50
		1	25	21.22	21.67	21.23	22.50
		1	49	21.62	21.56	21.63	22.50
		25	0	20.27	20.29	20.19	21.50
		25	13	20.34	20.33	20.20	21.50
		25	25	20.45	20.41	20.30	21.50
		50	0	20.26	20.38	20.47	21.50

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.05	23.06	23.17	24.50
		1	13	23.06	23.20	23.29	24.50
		1	24	23.19	23.35	23.40	24.50
		12	0	22.03	22.13	22.27	23.50
		12	6	22.12	22.14	22.21	23.50
		12	13	22.09	22.14	22.21	23.50
		25	0	22.12	22.16	22.28	23.50
	16QAM	1	0	21.99	22.37	22.39	23.50
		1	13	22.34	22.57	22.61	23.50
		1	24	22.47	22.52	22.69	23.50
		12	0	21.04	21.10	21.20	22.50
		12	6	21.05	21.17	21.14	22.50
		12	13	21.05	21.11	21.28	22.50
		25	0	21.10	21.16	21.31	22.50
	64QAM	1	0	21.47	21.65	21.67	22.50
		1	13	21.52	21.64	21.57	22.50
		1	24	21.67	21.55	21.54	22.50
		12	0	20.65	20.57	20.63	21.50
		12	6	20.65	20.55	20.71	21.50
		12	13	20.72	20.66	20.70	21.50
		25	0	20.80	20.65	20.70	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	22.98	23.08	23.07	24.50
		1	25	23.15	23.09	23.17	24.50
		1	49	23.27	23.37	23.30	24.50
		25	0	21.99	22.08	22.08	23.50
		25	13	22.15	22.16	22.19	23.50
		25	25	22.16	22.19	22.14	23.50
		50	0	22.20	22.12	22.21	23.50
	16QAM	1	0	22.43	22.48	22.04	23.50
		1	25	22.61	22.29	22.32	23.50
		1	49	22.10	22.27	22.60	23.50
		25	0	21.04	21.00	21.11	22.50
		25	13	21.22	21.19	21.14	22.50
		25	25	21.22	21.06	21.22	22.50
		50	0	21.21	21.13	21.20	22.50
	64QAM	1	0	21.54	21.58	21.60	22.50
		1	25	21.60	21.54	21.65	22.50
		1	49	21.67	21.61	21.58	22.50
		25	0	20.57	20.57	20.53	21.50
		25	13	20.70	20.64	20.69	21.50
		25	25	20.63	20.72	20.73	21.50
		50	0	20.70	20.66	20.78	21.50

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.95	23.26	23.10	24.50
		1	2	22.93	23.39	23.41	24.50
		1	5	22.91	23.17	23.21	24.50
		3	0	23.06	23.19	23.28	24.50
		3	2	23.05	23.25	23.24	24.50
		3	3	23.07	23.13	23.21	24.50
		6	0	21.99	22.16	22.27	23.50
	16QAM	1	0	22.19	22.45	22.73	23.50
		1	2	22.33	22.48	22.09	23.50
		1	5	22.47	22.41	22.66	23.50
		3	0	22.07	22.19	22.23	23.50
		3	2	22.02	22.22	22.16	23.50
		3	3	22.05	22.22	22.26	23.50
		6	0	21.07	21.20	21.35	22.50
	64QAM	1	0	21.36	21.43	21.18	22.50
		1	2	21.36	21.54	21.15	22.50
		1	5	21.59	21.39	21.12	22.50
		3	0	21.32	21.23	21.28	22.50
		3	2	21.18	21.30	21.21	22.50
		3	3	21.39	21.49	21.34	22.50
		6	0	20.34	20.41	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.02	23.25	23.16	24.50
		1	7	23.07	23.16	23.36	24.50
		1	14	22.99	23.22	23.18	24.50

		8	0	22.02	22.19	22.24	23.50
		8	4	21.95	22.18	22.25	23.50
		8	7	21.98	22.17	22.27	23.50
		15	0	21.91	22.20	22.26	23.50
	16QAM	1	0	22.23	22.51	22.17	23.50
		1	7	22.01	22.70	22.51	23.50
		1	14	22.47	22.64	22.45	23.50
		8	0	21.14	21.35	21.36	22.50
		8	4	21.05	21.15	21.24	22.50
		8	7	21.16	21.19	21.15	22.50
		15	0	21.07	21.23	21.38	22.50
	64QAM	1	0	21.34	21.50	21.21	22.50
		1	7	21.39	21.57	21.23	22.50
		1	14	21.59	21.43	21.16	22.50
		8	0	20.16	20.28	20.13	21.50
		8	4	20.15	20.25	20.15	21.50
		8	7	20.38	20.44	20.24	21.50
		15	0	20.32	20.28	20.13	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.08	23.18	23.18	24.50
		1	13	22.96	23.26	23.26	24.50
		1	24	23.14	23.20	23.35	24.50
		12	0	21.93	22.19	22.30	23.50
		12	6	22.03	22.21	22.27	23.50
		12	13	21.98	22.23	22.25	23.50
		25	0	22.04	22.24	22.25	23.50
	16QAM	1	0	22.08	22.66	22.77	23.50
		1	13	22.29	22.46	22.36	23.50
		1	24	22.29	22.29	22.66	23.50
		12	0	21.00	21.24	21.33	22.50
		12	6	20.99	21.14	21.27	22.50
		12	13	20.95	21.22	21.27	22.50
		25	0	21.08	21.17	21.31	22.50
	64QAM	1	0	21.32	21.41	21.28	22.50
		1	13	21.36	21.58	21.11	22.50
		1	24	21.60	21.48	21.15	22.50
		12	0	20.25	20.24	20.27	21.50
		12	6	20.14	20.15	20.18	21.50
		12	13	20.47	20.40	20.14	21.50
		25	0	20.28	20.39	20.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	23.10	23.06	23.07	24.50
		1	25	23.18	23.29	23.14	24.50
		1	49	23.15	23.24	23.30	24.50
		25	0	21.92	22.18	22.23	23.50
		25	13	22.01	22.22	22.18	23.50
		25	25	22.04	22.33	22.19	23.50
		50	0	22.07	22.32	22.29	23.50
	16QAM	1	0	22.52	22.23	22.53	23.50
		1	25	22.52	22.45	22.48	23.50
		1	49	22.19	22.37	22.49	23.50
		25	0	20.99	21.17	21.25	22.50
		25	13	21.04	21.17	21.17	22.50

		25	25	21.01	21.33	21.09	22.50
		50	0	21.09	21.34	21.23	22.50
	64QAM	1	0	21.34	21.46	21.25	22.50
		1	25	21.30	21.53	21.21	22.50
		1	49	21.63	21.43	21.14	22.50
		25	0	20.17	20.15	20.14	21.50
		25	13	20.11	20.22	20.08	21.50
		25	25	20.35	20.36	20.27	21.50
		50	0	20.35	20.31	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	22.76	22.85	22.92	24.50
		1	38	23.20	23.10	23.33	24.50
		1	74	22.96	23.40	23.06	24.50
		36	0	21.90	22.13	22.02	23.50
		36	18	22.03	22.24	22.14	23.50
		36	39	22.01	22.31	22.13	23.50
		75	0	22.09	22.31	22.12	23.50
	16QAM	1	0	22.07	22.41	22.18	23.50
		1	38	22.31	22.43	22.11	23.50
		1	74	22.55	22.68	22.08	23.50
		36	0	20.89	21.19	21.10	22.50
		36	18	21.08	21.15	21.13	22.50
		36	39	21.00	21.33	21.14	22.50
		75	0	21.01	21.23	21.09	22.50
	64QAM	1	0	21.37	21.46	21.18	22.50
		1	38	21.30	21.51	21.14	22.50
		1	74	21.53	21.43	21.15	22.50
		36	0	20.21	20.20	20.18	21.50
		36	18	20.15	20.16	20.12	21.50
		36	39	20.39	20.38	20.19	21.50
		75	0	20.25	20.31	20.16	21.50

Table 9: Conducted Power of LTE

4 Conducted Power of LTE Uplink CA

Ant13:

Combination	Modulation	PCC						SCC					Sensor off/Receiver off/Hotspot off		Receiver on&Receiver on+WLAN		Hotspot on&Sensor on+WLAN&Sensor off+WLAN		Sensor on(A)		Sensor on(B)	
		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)	Power	tune-up(dBm)	Power	tune-up(dBm)	Power	tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.86	24.00	11.76	13.00	12.76	14.00	17.72	19.00	20.85	22.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	22.88	24.00	11.60	13.00	12.77	14.00	17.69	19.00	20.64	22.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	22.69	24.00	11.54	13.00	12.75	14.00	17.64	19.00	20.71	22.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	22.89	24.00	11.69	13.00	12.69	14.00	17.85	19.00	20.82	22.00

Combination	Modulation	PCC						SCC						Sensor off/Receiver off/Hotspot off		Receiver on&Receiver on+WLAN		Hotspot on&Sensor on+WLAN&Sensor off+WLAN		Sensor on(A)	
		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)	Power	tune-up(dBm)	Power	tune-up(dBm)	
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	23.32	25.00	12.60	14.50	14.25	16.00	19.18	21.00	
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	23.31	25.00	12.79	14.50	14.20	16.00	19.21	21.00	
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	23.19	25.00	12.68	14.50	14.19	16.00	19.25	21.00	
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	23.24	25.00	12.77	14.50	14.22	16.00	19.27	21.00	

Combination	Modulation	PCC						SCC						Sensor off/Receiver off/Hotspot off		Receiver on&Receiver on+WLAN		Hotspot on&Sensor on+WLAN&Sensor off+WLAN		Sensor on(A)	
		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)	Power	tune-up(dBm)	Power	tune-up(dBm)	
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	23.55	25.00	13.03	14.50	15.03	16.50	17.68	21.00	
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	23.49	25.00	13.10	14.50	14.96	16.50	19.76	21.00	
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	39987	1	99	23.51	25.00	13.07	14.50	15.11	16.50	19.71	21.00	
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	23.62	25.00	13.05	14.50	14.98	16.50	19.68	21.00	
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	23.67	25.00	13.11	14.50	15.03	16.50	19.82	21.00	
CA_41C	QPSK	41	20	41055	1	99	41055	41	20	41253	1	0	23.59	25.00	12.95	14.50	15.11	16.50	19.75	21.00	
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	23.61	25.00	13.06	14.50	14.99	16.50	19.66	21.00	
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	23.49	25.00	13.11	14.50	14.96	16.50	19.67	21.00	

Ant31:

Combination	Modulation	PCC						SCC					Power	tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.65	24.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	22.49	24.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	22.51	24.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	22.66	24.00
Combination	Modulation	PCC						SCC					Power	tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	23.16	25.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	23.09	25.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	23.14	25.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	23.10	25.00
Combination	Modulation	PCC						SCC					Power	tune-up(dBm)
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset		
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	22.76	24.00
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	22.69	24.00
CA_41C	QPSK	41	20	40185	1	0	40185	41	20	39987	1	99	22.74	24.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	22.56	24.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	22.78	24.00
CA_41C	QPSK	41	20	41055	1	99	41055	41	20	41253	1	0	22.39	24.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	22.71	24.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	22.58	24.00

Table 10: Conducted Power of CA

5 Conducted Power of LTE Downlink CA

Ant13:

Sensor off/Receiver off/Hotspot off																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL#	RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx Power	LTE Rel 8 Tx Power	Tune-up
CA_7C	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	22.89	23.06	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.31	23.39	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	23.69	23.76	25.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	23.64	23.76	25.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	23.62	23.76	25.00
CA_7A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	22.85	23.06	24.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	23.65	23.76	25.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.31	22.36	24.00
CA_2A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.87	23.06	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.71	22.79	24.00
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.89	23.06	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.35	22.36	24.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.63	22.79	24.00
CA_66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	23.41	23.47	24.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	49	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	23.37	23.45	24.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	23.38	23.47	24.50
Receiver on&Receiver on+WLAN																						
DL LTE CA Class	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL#	RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx Power	LTE Rel 8 Tx Power	Tune-up
CA_7C	Band 7	20M	QPSK	2510	20850	50	0	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	11.79	11.87	13.00
CA_38C	Band 38	20M	QPSK	2610	38150	50	25	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	12.86	12.93	14.50
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	13.15	13.20	14.50
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	13.11	13.20	14.50
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	13.13	13.20	14.50
CA_7A-7A	Band 7	20M	QPSK	2510	20850	50	0	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	11.75	11.87	13.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	13.11	13.20	14.50
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	15.40	15.46	17.00
CA_2A-7A	Band 7	20M	QPSK	2510	20850	50	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	11.74	11.87	13.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	17.20	17.25	18.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	50	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	11.80	11.87	13.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	15.38	15.46	17.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	17.16	17.25	18.50
CA_66C	Band 66	20M	QPSK	1770	132572	1	0	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	17.91	17.96	19.00
CA_66B	Band 66	10M	QPSK	1715	132022	1	25	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	17.86	17.95	19.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	0	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	17.84	17.96	19.00
Hotspot on&Sensor on+WLAN&Sensor off+WLAN																						
DL LTE CA Class	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL#	RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx Power	LTE Rel 8 Tx Power	Tune-up
CA_7C	Band 7	20M	QPSK	2510	20850	50	25	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	12.81	12.88	14.00
CA_38C	Band 38	20M	QPSK	2610	38150	50	0	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	14.32	14.39	16.00
CA_41C	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	15.14	15.20	16.50
CA_41D	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	15.09	15.20	16.50
CA_41E	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	15.13	15.20	16.50
CA_7A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	12.79	12.88	14.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	15.09	15.20	16.50
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	16.81	16.89	18.50
CA_2A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	12.76	12.88	14.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.75	19.80	21.00
CA_4A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	12.86	12.88	14.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	16.77	16.89	18.50
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.74	19.80	21.00
CA_66C	Band 66	20M	QPSK	1770	132572	1	50	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	20.31	20.35	21.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	20.28	20.35	24.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	50	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	20.26	20.35	21.50
Sensor on(A)																						
DL LTE CA Class	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL#	RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx Power	LTE Rel 8 Tx Power	Tune-up
CA_7C	Band 7	20M	16QAM	2510	20850	1	0	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	17.92	17.98	19.00
CA_38C	Band 38	20M	QPSK	2610	38150	50	0	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	19.41	19.48	21.00
CA_41C	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	19.68	19.75	21.00

CA_41D	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	/	19.66	19.75	21.00
CA_41E	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	/	19.67	19.75	21.00
CA_7A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	17.89	17.98	19.00	
CA_41A-41A	Band 41	20M	QPSK	2680	41490	50	0	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	19.70	19.75	21.00	
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.85	19.91	21.50	
CA_2A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	17.92	17.98	19.00	
CA_4A-7A	Band 4	20M	QPSK	1720	20050	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.29	21.33	22.50	
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	17.86	17.98	19.00	
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.80	19.91	21.50	
CA_2A-4A	Band 4	20M	QPSK	1720	20050	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.24	21.33	22.50	
CA_66C	Band 66	20M	QPSK	1770	132572	50	25	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	21.35	21.40	22.50	
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	21.29	21.37	24.50	
CA_66A-66A	Band 66	20M	QPSK	1770	132572	50	25	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	20.29	21.40	22.50	
Sensor on(B)																							
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)			
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL#	RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx Power	LTE Rel 8 Tx Power	Tune-up	
	CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	20.96	21.01	22.00	
	CA_7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	/	/	/	/	/	/	/	20.94	21.01	22.00	

Ant31:

Receiver on																							
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)			
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	/	22.71	22.74	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	/	23.21	23.25	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	/	22.95	23.03	24.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	/	22.91	23.03	24.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	22.93	23.03	24.00	
CA_7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	/	22.68	22.74	24.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	/	22.94	23.03	24.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	/	23.31	23.38	24.00
CA_2A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	/	22.66	22.74	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	/	23.41	23.46	24.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	22.61	22.74	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	23.29	23.38	24.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	/	23.39	23.46	24.50
CA_66C	Band 66	20M	QPSK	1770	132572	1	50	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	/	23.64	23.75	24.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	/	23.71	23.74	24.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	50	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	/	23.62	23.75	24.50
Receiver off																							
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)			
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	/	22.71	22.74	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	/	23.21	23.25	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	/	22.95	23.03	24.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	/	22.91	23.03	24.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	22.93	23.03	24.00	
CA_7A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	/	22.68	22.74	24.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	/	22.94	23.03	24.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	/	21.00	21.06	22.00
CA_2A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	/	22.66	22.74	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	/	20.85	20.91	21.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	22.61	22.74	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	21.03	21.06	22.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	/	20.81	20.91	21.50
CA_66C	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	/	20.61	20.68	21.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	/	20.58	20.67	21.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	/	20.59	20.68	21.50
Hotspot off																							
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)			
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	/	22.71	22.74	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	/	23.21	23.25	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	/	22.95	23.03	24.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	/	22.91	23.03	24.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	22.93	23.03	24.00	
CA_7A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	/	22.68	22.74	24.00

CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	22.94	23.03	24.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.00	21.06	22.00
CA_2A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.66	22.74	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.85	20.91	21.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.61	22.74	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.03	21.06	22.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.81	20.91	21.50
CA_66C	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	20.61	20.68	21.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	20.58	20.67	21.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	20.59	20.68	21.50
Hotspot on																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	22.71	22.74	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.21	23.25	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	22.95	23.03	24.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	22.91	23.03	24.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	22.93	23.03	24.00
CA_7A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	22.68	22.74	24.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	22.94	23.03	24.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.17	19.21	20.00
CA_2A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.66	22.74	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.85	20.91	21.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.61	22.74	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.15	19.21	20.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.81	20.91	21.50
CA_66C	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	20.61	20.68	21.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	20.58	20.67	21.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	20.59	20.68	21.50
Receiver off+WLAN																						
DL LTE CA Class	PCC							SCC1				SCC2				SCC3				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	QPSK	2510	20850	1	50	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	22.71	22.74	24.00
CA_38C	Band 38	20M	QPSK	2610	38150	1	50	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.21	23.25	25.00
CA_41C	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	22.95	23.03	24.00
CA_41D	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	22.91	23.03	24.00
CA_41E	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2660	41290	Band 41	20M	2640	41090	Band 41	20M	2620	40890	22.93	23.03	24.00
CA_7A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 7	20M	2680	3350	/	/	/	/	/	/	/	/	22.68	22.74	24.00
CA_41A-41A	Band 41	20M	QPSK	2680	41490	1	50	Band 41	20M	2506	39750	/	/	/	/	/	/	/	/	22.94	23.03	24.00
CA_2A-7A	Band 2	20M	QPSK	1900	19100	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.17	19.21	20.00
CA_2A-7A	Band 7	20M	16QAM	2510	20850	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.66	22.74	24.00
CA_4A-7A	Band 4	20M	QPSK	1720	20050	50	25	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.85	20.91	21.50
CA_4A-7A	Band 7	20M	QPSK	2510	20850	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.61	22.74	24.00
CA_2A-4A	Band 2	20M	QPSK	1900	19100	50	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.15	19.21	20.00
CA_2A-4A	Band 4	20M	QPSK	1720	20050	50	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.81	20.91	21.50
CA_66C	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2150.2	66838	/	/	/	/	/	/	/	/	20.61	20.68	21.50
CA_66B	Band 66	10M	QPSK	1715	132022	1	0	Band 66	10M	2124.9	66585	/	/	/	/	/	/	/	/	20.58	20.67	21.50
CA_66A-66A	Band 66	20M	QPSK	1770	132572	50	0	Band 66	20M	2120	66536	/	/	/	/	/	/	/	/	20.59	20.68	21.50

Table 11: Conducted Power of CA

6 Conducted Power of WiFi and Bluetooth

6.1 Conducted Power of WiFi

WIFI 2.4G Receiver off						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	18.77	20.50	No
	6	2437		18.59	20.50	No
	11	2462		18.78	20.50	Yes
802.11g	1	2412	6	15.80	17.50	No
	6	2437		15.56	17.50	No
	11	2462		15.73	17.50	No
802.11n HT20	1	2412	6.5	14.68	16.50	No
	6	2437		14.54	16.50	No
	11	2462		14.64	16.50	No

WIFI 2.4G Receiver on						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	9.57	11.50	No
	6	2437		9.55	11.50	No
	11	2462		9.58	11.50	Yes
802.11g	1	2412	6	9.53	11.50	No
	6	2437		9.60	11.50	No
	11	2462		9.54	11.50	No
802.11n HT20	1	2412	6.5	9.56	11.50	No
	6	2437		9.52	11.50	No
	11	2462		9.63	11.50	No

WIFI 2.4G Receiver off+WWAN						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	16.70	18.50	No
	6	2437		16.51	18.50	No
	11	2462		16.84	18.50	No
802.11g	1	2412	6	13.77	15.50	No
	6	2437		13.49	15.50	No
	11	2462		13.68	15.50	No
802.11n HT20	1	2412	6.5	12.60	14.50	No
	6	2437		12.47	14.50	No
	11	2462		12.61	14.50	No

WIFI 5G Receiver off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	17.92	18.50	No
		40	5200		18.13	18.50	Yes
		44	5220		18.07	18.50	No
		48	5240		18.12	18.50	No
	U-NII-2A	52	5260		18.23	18.50	No
		56	5280		18.36	18.50	No
		60	5300		18.38	18.50	Yes
		64	5320		14.92	15.00	No
	U-NII-2C	100	5500		14.66	15.00	No
		104	5520		18.06	18.50	No
		108	5540		18.13	18.50	No
		112	5560		17.99	18.50	No
		116	5580		18.14	18.50	Yes
		120	5600		17.93	18.50	No
		124	5620		17.95	18.50	No
		128	5640		17.90	18.50	No
		132	5660		17.90	18.50	No
		136	5680		17.88	18.50	No
		140	5700		13.55	14.00	No
		144	5720		17.80	18.50	No
	U-NII-3	149	5745		17.89	18.50	Yes
		153	5765		17.62	18.50	Yes
		157	5785		17.61	18.50	No
		161	5805		17.53	18.50	No
		165	5825		17.43	18.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	15.54	16.50	No
		40	5200		15.62	16.50	No
		44	5220		15.65	16.50	No
		48	5240		15.75	16.50	No
	U-NII-2A	52	5260		16.78	17.50	No
		56	5280		16.89	17.50	No
		60	5300		16.85	17.50	No
		64	5320		16.02	16.50	No
	U-NII-2C	100	5500		14.54	15.50	No
		104	5520		16.54	17.50	No
		108	5540		16.55	17.50	No
		112	5560		16.54	17.50	No
		116	5580		16.53	17.50	No
		120	5600		16.55	17.50	No
		124	5620		16.49	17.50	No
		128	5640		16.56	17.50	No
		132	5660		16.45	17.50	No
		136	5680		16.43	17.50	No
		140	5700		13.48	14.50	No
		144	5720		16.30	17.50	No
	U-NII-3	149	5745		15.48	16.50	No
		153	5765		16.41	17.50	No
		157	5785		16.33	17.50	No
		161	5805		16.24	17.50	No
		165	5825		16.18	17.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	14.59	15.50	No
		46	5230		14.66	15.50	No
	U-NII-2A	54	5270		16.61	17.50	No
		62	5310		13.83	14.50	No
	U-NII-2C	102	5510		14.88	16.00	No
		110	5550		16.39	17.50	No
		118	5590		16.33	17.50	No
		126	5630		16.38	17.50	No

		134	5670		16.25	17.50	No
		142	5710		16.28	17.50	No
	U-NII-3	151	5755		13.28	14.50	No
		159	5795		16.16	17.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-1	36	5180	MCS0	16.21	17.00	No
		40	5200		16.09	17.00	No
		44	5220		16.35	17.00	No
		48	5240		16.49	17.00	No
	U-NII-2A	52	5260		16.44	17.00	No
		56	5280		16.54	17.00	No
		60	5300		16.53	17.00	No
		64	5320		16.48	17.00	No
	U-NII-2C	100	5500		16.31	17.00	No
		104	5520		16.21	17.00	No
		108	5540		16.20	17.00	No
		112	5560		16.20	17.00	No
		116	5580		16.20	17.00	No
		120	5600		16.24	17.00	No
		124	5620		16.19	17.00	No
		128	5640		16.21	17.00	No
		132	5660		16.07	17.00	No
		136	5680		16.03	17.00	No
		140	5700		12.38	13.50	No
		144	5720		15.95	17.00	No
	U-NII-3	149	5745		15.92	17.00	No
		153	5765		15.79	17.00	No
		157	5785		15.74	17.00	No
		161	5805		15.71	17.00	No
		165	5825		15.65	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	16.04	17.00	No
		46	5230		16.23	17.00	No
	U-NII-2A	54	5270		16.22	17.00	No
		62	5310		16.36	17.00	No
	U-NII-2C	102	5510		13.47	14.50	No
		110	5550		16.03	17.00	No
		118	5590		16.01	17.00	No
		126	5630		16.00	17.00	No
		134	5670		13.55	14.50	No
		142	5710		15.97	17.00	No
	U-NII-3	151	5755		15.81	17.00	No
		159	5795		15.61	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.17	13.50	No
	U-NII-2A	58	5290		12.23	13.50	No
	U-NII-2C	106	5530		11.03	12.50	No
		122	5610		13.06	14.50	No
		138	5690		13.05	14.50	No
	U-NII-3	155	5775		12.89	14.50	No

WIFI 5G Receiver on							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	5.91	7.00	No
		40	5200		6.00	7.00	No
		44	5220		6.05	7.00	No
		48	5240		6.13	7.00	No
	U-NII-2A	52	5260		6.28	7.00	No
		56	5280		6.23	7.00	No
		60	5300		6.15	7.00	No
		64	5320		6.31	7.00	No
	U-NII-2C	100	5500		6.45	7.50	No

		104	5520		6.45	7.50	No
		108	5540		6.39	7.50	No
		112	5560		6.23	7.50	No
		116	5580		6.44	7.50	No
		120	5600		6.48	7.50	No
		124	5620		6.52	7.50	No
		128	5640		6.46	7.50	No
		132	5660		6.53	7.50	No
		136	5680		6.29	7.50	No
		140	5700		6.37	7.50	No
		144	5720		6.41	7.50	No
	U-NII-3	149	5745		6.21	7.50	No
		153	5765		6.23	7.50	No
		157	5785		6.12	7.50	No
		161	5805		6.15	7.50	No
		165	5825		5.96	7.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	5.97	7.00	No
		40	5200		6.02	7.00	No
		44	5220		5.95	7.00	No
		48	5240		6.06	7.00	No
	U-NII-2A	52	5260		6.34	7.00	No
		56	5280		6.24	7.00	No
		60	5300		6.13	7.00	No
		64	5320		6.36	7.00	No
	U-NII-2C	100	5500		6.37	7.50	No
		104	5520		6.37	7.50	No
		108	5540		6.37	7.50	No
		112	5560		6.30	7.50	No
		116	5580		6.37	7.50	No
		120	5600		6.55	7.50	No
		124	5620		6.44	7.50	No
		128	5640		6.41	7.50	No
		132	5660		6.50	7.50	No
		136	5680		6.31	7.50	No
		140	5700		6.42	7.50	No
		144	5720		6.38	7.50	No
	U-NII-3	149	5745		6.21	7.50	No
		153	5765		6.33	7.50	No
		157	5785		6.09	7.50	No
		161	5805		6.12	7.50	No
		165	5825		5.91	7.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	5.93	7.00	No
		46	5230		6.00	7.00	No
	U-NII-2A	54	5270		6.11	7.00	No
		62	5310		6.19	7.00	No
	U-NII-2C	102	5510		6.41	7.50	No
		110	5550		6.36	7.50	No
		118	5590		6.42	7.50	No
		126	5630		6.39	7.50	No
		134	5670		6.40	7.50	No
		142	5710		6.44	7.50	No
	U-NII-3	151	5755		6.18	7.50	No
		159	5795		5.96	7.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-1	36	5180	MCS0	6.02	7.00	No
		40	5200		5.99	7.00	No
		44	5220		5.99	7.00	No
		48	5240		6.05	7.00	No
	U-NII-2A	52	5260		6.39	7.00	No
		56	5280		6.15	7.00	No
		60	5300		6.07	7.00	No
		64	5320		6.30	7.00	No

		100	5500		6.41	7.50	No
		104	5520		6.35	7.50	No
		108	5540		6.31	7.50	No
		112	5560		6.31	7.50	No
		116	5580		6.39	7.50	No
		120	5600		6.61	7.50	No
		124	5620		6.52	7.50	No
		128	5640		6.32	7.50	No
		132	5660		6.41	7.50	No
		136	5680		6.26	7.50	No
		140	5700		6.39	7.50	No
		144	5720		6.48	7.50	No
		149	5745		6.21	7.50	No
		153	5765		6.31	7.50	No
		157	5785		6.08	7.50	No
		161	5805		6.07	7.50	No
		165	5825		5.86	7.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	6.03	7.00	No
		46	5230		5.94	7.00	No
	U-NII-2A	54	5270		6.06	7.00	No
		62	5310		6.11	7.00	No
	U-NII-2C	102	5510		6.36	7.50	No
		110	5550		6.26	7.50	No
		118	5590		6.48	7.50	No
		126	5630		6.43	7.50	No
		134	5670		6.47	7.50	No
		142	5710		6.43	7.50	No
	U-NII-3	151	5755		6.19	7.50	No
		159	5795		5.88	7.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	5.74	7.00	No
	U-NII-2A	58	5290		5.83	7.00	Yes
	U-NII-2C	106	5530		6.10	7.50	Yes
		122	5610		6.09	7.50	No
		138	5690		6.01	7.50	No
	U-NII-3	155	5775		5.81	7.50	Yes

WIFI 5G Receiver off+WWAN							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	16.01	16.50	No
		40	5200		16.13	16.50	No
		44	5220		16.11	16.50	No
		48	5240		16.17	16.50	No
	U-NII-2A	52	5260		15.83	16.00	No
		56	5280		15.89	16.00	No
		60	5300		15.92	16.00	No
		64	5320		12.33	12.50	No
	U-NII-2C	100	5500		13.15	13.50	No
		104	5520		16.56	17.00	No
		108	5540		16.61	17.00	No
		112	5560		16.50	17.00	No
		116	5580		16.71	17.00	No
		120	5600		16.51	17.00	No
		124	5620		16.39	17.00	No
		128	5640		16.43	17.00	No
		132	5660		16.32	17.00	No
		136	5680		16.38	17.00	No
		140	5700		12.13	12.50	No
		144	5720		16.29	17.00	No
	U-NII-3	149	5745		16.35	17.00	No

		153	5765		16.15	17.00	No
		157	5785		16.06	17.00	No
		161	5805		16.07	17.00	No
		165	5825		15.96	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	13.59	14.50	No
		40	5200		13.67	14.50	No
		44	5220		13.67	14.50	No
		48	5240		13.68	14.50	No
	U-NII-2A	52	5260		14.20	15.00	No
		56	5280		14.32	15.00	No
		60	5300		14.30	15.00	No
		64	5320		13.49	14.00	No
	U-NII-2C	100	5500		12.99	14.00	No
		104	5520		15.08	16.00	No
		108	5540		15.11	16.00	No
		112	5560		15.10	16.00	No
		116	5580		14.95	16.00	No
		120	5600		15.07	16.00	No
		124	5620		15.09	16.00	No
		128	5640		15.09	16.00	No
		132	5660		15.00	16.00	No
		136	5680		14.87	16.00	No
		140	5700		11.88	13.00	No
		144	5720		14.85	16.00	No
	U-NII-3	149	5745		14.08	15.00	No
		153	5765		14.98	16.00	No
		157	5785		14.75	16.00	No
		161	5805		14.69	16.00	No
		165	5825		14.64	16.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	12.65	13.50	No
		46	5230		12.63	13.50	No
	U-NII-2A	54	5270		14.18	15.00	No
		62	5310		11.41	12.00	No
	U-NII-2C	102	5510		13.43	14.50	No
		110	5550		14.79	16.00	No
		118	5590		14.88	16.00	No
		126	5630		14.85	16.00	No
		134	5670		14.65	16.00	No
		142	5710		14.80	16.00	No
	U-NII-3	151	5755		11.88	13.00	No
		159	5795		14.72	16.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-1	36	5180	MCS0	14.31	15.00	No
		40	5200		14.03	15.00	No
		44	5220		14.34	15.00	No
		48	5240		14.51	15.00	No
	U-NII-2A	52	5260		13.85	14.50	No
		56	5280		13.95	14.50	No
		60	5300		14.02	14.50	No
		64	5320		14.08	14.50	No
	U-NII-2C	100	5500		14.77	15.50	No
		104	5520		14.67	15.50	No
		108	5540		14.62	15.50	No
		112	5560		14.69	15.50	No
		116	5580		14.68	15.50	No
		120	5600		14.81	15.50	No
		124	5620		14.74	15.50	No
		128	5640		14.73	15.50	No

		132	5660		14.60	15.50	No
		136	5680		14.48	15.50	No
		140	5700		10.83	12.00	No
		144	5720		14.40	15.50	No
	U-NII-3	149	5745		14.50	15.50	No
		153	5765		14.35	15.50	No
		157	5785		14.34	15.50	No
		161	5805		14.12	15.50	No
		165	5825		14.19	15.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	14.09	15.00	No
		46	5230		14.29	15.00	No
	U-NII-2A	54	5270		13.65	14.50	No
		62	5310		13.87	14.50	No
	U-NII-2C	102	5510		12.00	13.00	No
		110	5550		14.43	15.50	No
		118	5590		14.43	15.50	No
		126	5630		14.46	15.50	No
		134	5670		11.96	13.00	No
		142	5710		14.52	15.50	No
	U-NII-3	151	5755		14.26	15.50	No
		159	5795		14.18	15.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	10.26	11.50	No
	U-NII-2A	58	5290		9.80	11.00	No
	U-NII-2C	106	5530		9.55	11.00	No
		122	5610		11.60	13.00	No
		138	5690		11.60	13.00	No
	U-NII-3	155	5775		11.36	13.00	No

Table 12: Conducted Power of WIFI

6.2 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Turn up
BT	GFSK	9.76	9.93	10.19	11.00
	$\pi/4$ DQPSK	6.41	6.40	6.89	8.00
	8DPSK	6.25	6.24	6.76	8.00
Band	Channel	0	19	39	Turn up
BLE 1M	GFSK	-4.45	-3.38	-3.94	-3.50
BLE 2M	GFSK	-6.16	-5.07	-5.64	-5.00

Table 13: Conducted Power of Bluetooth