

Appendix E

Conducted RF Output Power Table

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Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant0)

1.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	128	190	251			128	190	251		
GSM(GMSK)	GSM	32.82	32.86	32.79	33.50	-9.19	23.63	23.67	23.60	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.73	32.76	32.76	33.50	-9.19	23.54	23.57	23.57	24.31
	2 TX Slots	29.99	30.00	29.97	31.50	-6.18	23.81	23.82	23.79	25.32
	3 TX Slots	28.20	28.25	28.24	29.50	-4.42	23.78	23.83	23.82	25.08
	4 TX Slots	26.81	26.84	26.77	28.00	-3.17	23.64	23.67	23.60	24.83
EGPRS(8PSK)	1 TX Slot	26.59	26.60	26.59	27.50	-9.19	17.40	17.41	17.40	18.31
	2 TX Slots	23.21	23.23	23.20	25.00	-6.18	17.03	17.05	17.02	18.82
	3 TX Slots	21.32	21.34	21.30	23.00	-4.42	16.90	16.92	16.88	18.58
	4 TX Slots	20.84	20.85	20.85	22.50	-3.17	17.67	17.68	17.68	19.33

GSM 1900										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	29.10	29.13	29.07	30.50	-9.19	19.91	19.94	19.88	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.02	29.02	29.09	30.50	-9.19	19.83	19.83	19.90	21.31
	2 TX Slots	27.36	27.38	27.34	28.50	-6.18	21.18	21.20	21.16	22.32
	3 TX Slots	24.59	24.57	24.60	26.50	-4.42	20.17	20.15	20.18	22.08
	4 TX Slots	23.21	23.17	23.25	25.00	-3.17	20.04	20.00	20.08	21.83
EGPRS(8PSK)	1 TX Slot	24.66	24.68	24.73	26.50	-9.19	15.47	15.49	15.54	17.31
	2 TX Slots	21.64	21.57	21.61	23.50	-6.18	15.46	15.39	15.43	17.32
	3 TX Slots	19.19	19.12	19.13	21.00	-4.42	14.77	14.70	14.71	16.58
	4 TX Slots	18.29	18.21	18.23	20.00	-3.17	15.12	15.04	15.06	16.83

1.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.27	23.34	23.11	24.50
	12.2kbps AMR	23.22	23.18	23.04	24.50
HSDPA	Subtest 1	22.76	22.72	22.76	23.50
	Subtest 2	22.79	22.78	22.81	23.50
	Subtest 3	22.27	22.37	22.38	23.00
	Subtest 4	22.31	22.16	22.34	23.00
HSUPA	Subtest 1	20.70	20.65	20.72	22.00
	Subtest 2	20.73	20.78	20.73	21.50
	Subtest 3	21.77	21.71	21.90	22.50
	Subtest 4	20.29	20.23	20.30	21.50
	Subtest 5	21.69	21.70	21.83	22.50
DC-HSDPA	Subtest 1	22.74	22.69	22.87	23.50
	Subtest 2	22.70	22.82	22.87	23.50
	Subtest 3	22.25	22.32	22.32	23.00
	Subtest 4	22.24	22.22	22.30	23.00
HSPA+	16QAM	20.70	20.80	20.80	21.50

WCDMA Band II Sensor On/Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.49	21.53	21.35	22.50
	12.2kbps AMR	21.45	21.37	21.23	22.50
HSDPA	Subtest 1	20.95	20.94	20.97	21.50
	Subtest 2	21.03	21.00	21.00	21.50
	Subtest 3	20.48	20.60	20.59	21.00
	Subtest 4	20.54	20.35	20.57	21.00
HSUPA	Subtest 1	18.89	18.86	18.91	20.00
	Subtest 2	18.95	19.02	18.97	19.50
	Subtest 3	19.96	19.93	20.15	20.50
	Subtest 4	18.52	18.42	18.54	19.50
	Subtest 5	19.90	19.94	20.01	20.50
DC-HSDPA	Subtest 1	20.94	20.88	21.11	21.50
	Subtest 2	20.92	21.04	21.10	21.50
	Subtest 3	20.49	20.55	20.52	21.00
	Subtest 4	20.43	20.44	20.52	21.00
HSPA+	16QAM	18.91	19.01	19.00	19.50

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.62	23.66	23.45	25.00
	12.2kbps AMR	23.46	23.49	23.34	25.00
HSDPA	Subtest 1	23.10	23.09	23.06	24.00
	Subtest 2	23.13	23.15	23.13	24.00
	Subtest 3	22.57	22.65	22.67	23.50
	Subtest 4	22.66	22.44	22.62	23.50
HSUPA	Subtest 1	21.00	20.93	21.10	22.50
	Subtest 2	21.04	21.07	21.07	22.00
	Subtest 3	22.07	21.98	22.17	23.00
	Subtest 4	20.59	20.61	20.65	22.00
	Subtest 5	22.03	22.02	22.07	23.00
DC-HSDPA	Subtest 1	23.06	23.04	23.17	24.00
	Subtest 2	23.02	23.05	23.21	24.00
	Subtest 3	22.62	22.58	22.62	23.50
	Subtest 4	22.58	22.52	22.64	23.50
HSPA+	16QAM	21.03	21.05	21.12	22.00

WCDMA Band IV Sensor On					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.82	20.85	20.65	22.00
	12.2kbps AMR	20.66	20.72	20.55	22.00
HSDPA	Subtest 1	20.30	20.33	20.31	21.00
	Subtest 2	20.33	20.34	20.35	21.00
	Subtest 3	19.78	19.90	19.90	20.50
	Subtest 4	19.90	19.62	19.85	20.50
HSUPA	Subtest 1	18.20	18.16	18.33	19.50
	Subtest 2	18.28	18.26	18.26	19.00
	Subtest 3	19.27	19.20	19.38	20.00
	Subtest 4	17.82	17.86	17.86	19.00
	Subtest 5	19.22	19.25	19.25	20.00

DC-HSDPA	Subtest 1	20.30	20.22	20.40	21.00
	Subtest 2	20.21	20.26	20.39	21.00
	Subtest 3	19.83	19.80	19.86	20.50
	Subtest 4	19.77	19.73	19.86	20.50
HSPA+	16QAM	18.27	18.24	18.34	19.00

WCDMA Band IV Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.22	20.25	20.13	21.50
	12.2kbps AMR	20.09	20.09	19.97	21.50
HSDPA	Subtest 1	19.68	19.73	19.68	20.50
	Subtest 2	19.71	19.75	19.71	20.50
	Subtest 3	19.16	19.27	19.30	20.00
	Subtest 4	19.30	19.05	19.21	20.00
HSUPA	Subtest 1	17.59	17.56	17.73	19.00
	Subtest 2	17.67	17.70	17.70	18.50
	Subtest 3	18.72	18.61	18.82	19.50
	Subtest 4	17.19	17.20	17.27	18.50
	Subtest 5	18.64	18.65	18.65	19.50
DC-HSDPA	Subtest 1	19.64	19.62	19.77	20.50
	Subtest 2	19.61	19.67	19.86	20.50
	Subtest 3	19.21	19.20	19.25	20.00
	Subtest 4	19.17	19.14	19.24	20.00
HSPA+	16QAM	17.64	17.70	17.76	18.50

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.96	24.02	23.85	25.00
	12.2kbps AMR	23.88	23.90	23.77	25.00
HSDPA	Subtest 1	23.46	23.45	23.51	24.00
	Subtest 2	23.50	23.51	23.53	24.00
	Subtest 3	22.92	23.03	23.07	23.50
	Subtest 4	22.99	22.87	23.09	23.50
HSUPA	Subtest 1	21.43	21.33	21.50	22.50
	Subtest 2	21.44	21.46	21.51	22.00
	Subtest 3	22.48	22.35	22.56	23.00
	Subtest 4	20.97	20.97	21.06	22.00
	Subtest 5	22.44	22.41	22.51	23.00
DC-HSDPA	Subtest 1	23.43	23.45	23.61	24.00
	Subtest 2	23.43	23.48	23.63	24.00
	Subtest 3	23.04	22.99	23.01	23.50
	Subtest 4	22.97	22.87	22.99	23.50
HSPA+	16QAM	21.39	21.44	21.49	22.00

1.3 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.39	23.47	23.49	24.00
		1	2	23.38	23.47	23.45	24.00
		1	5	23.33	23.37	23.36	24.00
		3	0	22.51	22.68	22.55	23.00
		3	2	22.61	22.44	22.59	23.00
		3	3	22.62	22.49	22.58	23.00
	16QAM	6	0	22.53	22.67	22.59	23.00
		1	0	22.51	22.47	22.57	23.00
		1	2	22.39	22.60	22.42	23.00
		1	5	22.54	22.62	22.49	23.00
		3	0	21.59	21.71	21.55	22.00
		3	2	21.55	21.56	21.53	22.00
	64QAM	3	3	21.56	21.58	21.74	22.00
		6	0	21.55	21.41	21.59	22.00
		1	0	21.52	21.47	21.64	22.00
		1	2	21.31	21.25	21.45	22.00
		1	5	21.41	21.34	21.43	22.00
		3	0	21.57	21.44	21.59	22.00
3MHz	QPSK	3	2	21.50	21.53	21.65	22.00
		3	3	21.30	21.32	21.38	22.00
		6	0	20.85	20.84	20.79	21.00
		1	0	23.43	23.46	23.45	24.00
		1	7	23.38	23.43	23.45	24.00
		1	14	23.35	23.40	23.42	24.00
	16QAM	8	0	22.53	22.67	22.51	23.00
		8	4	22.65	22.46	22.62	23.00
		8	7	22.64	22.46	22.53	23.00
		15	0	22.50	22.62	22.59	23.00
		1	0	22.54	22.45	22.63	23.00
		1	7	22.37	22.60	22.37	23.00
	64QAM	1	14	22.52	22.64	22.51	23.00
		8	0	21.64	21.67	21.52	22.00
		8	4	21.58	21.51	21.57	22.00
		8	7	21.61	21.58	21.70	22.00
		15	0	21.55	21.44	21.52	22.00
		1	0	21.54	21.51	21.61	22.00
16QAM	1	7	21.30	21.25	21.43	22.00	
	1	14	21.41	21.31	21.42	22.00	
	8	0	20.70	20.80	20.70	21.00	
	8	4	20.55	20.64	20.60	21.00	
	8	7	20.82	20.84	20.78	21.00	
	15	0	20.83	20.83	20.81	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	

5MHz	QPSK	1	0	23.37	23.45	23.45	24.00			
		1	13	23.44	23.46	23.47	24.00			
		1	24	23.35	23.35	23.36	24.00			
		12	0	22.54	22.62	22.47	23.00			
		12	6	22.65	22.47	22.60	23.00			
		12	13	22.67	22.46	22.56	23.00			
	16QAM	25	0	22.52	22.68	22.51	23.00			
		1	0	22.52	22.44	22.57	23.00			
		1	13	22.40	22.61	22.37	23.00			
		1	24	22.55	22.64	22.45	23.00			
		12	0	21.61	21.71	21.47	22.00			
		12	6	21.55	21.49	21.59	22.00			
	64QAM	12	13	21.55	21.58	21.66	22.00			
		25	0	21.59	21.37	21.52	22.00			
		1	0	21.53	21.48	21.65	22.00			
		1	13	21.31	21.26	21.37	22.00			
		1	24	21.39	21.30	21.45	22.00			
		12	0	20.70	20.72	20.73	21.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				18650	18900	19150				
				1	0	23.40		23.45	23.45	24.00
				1	25	23.37		23.41	23.47	24.00
				1	49	23.30		23.41	23.36	24.00
				25	0	22.56		22.66	22.55	23.00
10MHz	QPSK	25	13	22.63	22.41	22.62	23.00			
		25	25	22.67	22.47	22.58	23.00			
		50	0	22.52	22.65	22.50	23.00			
		1	0	22.58	22.41	22.58	23.00			
		1	25	22.45	22.59	22.36	23.00			
		1	49	22.54	22.58	22.52	23.00			
	16QAM	25	0	21.60	21.64	21.48	22.00			
		25	13	21.53	21.52	21.61	22.00			
		25	25	21.63	21.53	21.68	22.00			
		50	0	21.54	21.39	21.57	22.00			
		1	0	21.55	21.48	21.63	22.00			
		1	25	21.28	21.30	21.44	22.00			
	64QAM	1	49	21.42	21.33	21.46	22.00			
		25	0	20.75	20.79	20.70	21.00			
		25	13	20.60	20.66	20.62	21.00			
		25	25	20.84	20.84	20.78	21.00			
		50	0	20.82	20.88	20.84	21.00			
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
18675	18900					19125				
1	0					23.39	23.49	23.44		24.00
1	38					23.41	23.40	23.42		24.00
1	74					23.30	23.42	23.42		24.00
36	0					22.56	22.66	22.55		23.00
15MHz	QPSK	36	18	22.62	22.44	22.55	23.00			
		36	39	22.66	22.49	22.55	23.00			
		75	0	22.57	22.64	22.52	23.00			
		1	0	22.56	22.42	22.60	23.00			
		1	38	22.40	22.59	22.38	23.00			
		1	74	22.54	22.62	22.45	23.00			
	16QAM	1	0	22.56	22.42	22.60	23.00			
		1	38	22.40	22.59	22.38	23.00			
		1	74	22.54	22.62	22.45	23.00			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	36	0	21.60	21.67	21.50	22.00	
		36	18	21.60	21.55	21.55	22.00	
		36	39	21.56	21.60	21.72	22.00	
		75	0	21.59	21.42	21.58	22.00	
		1	0	21.49	21.48	21.57	22.00	
		1	38	21.27	21.27	21.40	22.00	
		1	74	21.40	21.30	21.48	22.00	
		36	0	20.67	20.77	20.74	21.00	
		36	18	20.57	20.63	20.63	21.00	
	36	39	20.81	20.86	20.79	21.00		
	75	0	20.87	20.90	20.85	21.00		
	20MHz	QPSK	1	0	23.43	23.56	23.49	24.00
			1	50	23.37	23.44	23.41	24.00
			1	99	23.36	23.34	23.40	24.00
			50	0	22.49	22.68	22.55	23.00
			50	25	22.62	22.40	22.61	23.00
			50	50	22.64	22.51	22.61	23.00
			100	0	22.56	22.67	22.52	23.00
		16QAM	1	0	22.59	22.41	22.62	23.00
			1	50	22.40	22.54	22.39	23.00
			1	99	22.50	22.61	22.51	23.00
			50	0	21.62	21.68	21.48	22.00
			50	25	21.52	21.51	21.55	22.00
			50	50	21.56	21.52	21.68	22.00
			100	0	21.58	21.42	21.57	22.00
		64QAM	1	0	21.49	21.52	21.64	22.00
			1	50	21.33	21.32	21.43	22.00
			1	99	21.39	21.29	21.42	22.00
50			0	20.68	20.73	20.78	21.00	
50			25	20.62	20.64	20.60	21.00	
50			50	20.83	20.88	20.77	21.00	
100			0	20.86	20.87	20.78	21.00	

LTE Band 2 Sensor On/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.72	21.71	21.73	22.00
		1	2	21.72	21.71	21.74	22.00
		1	5	21.74	21.73	21.74	22.00
		3	0	21.69	21.72	21.74	22.00
		3	2	21.69	21.69	21.75	22.00
		3	3	21.68	21.74	21.75	22.00
	16QAM	6	0	21.70	21.75	21.73	22.00
		1	0	21.73	21.73	21.69	22.00
		1	2	21.72	21.71	21.68	22.00
		1	5	21.72	21.70	21.72	22.00
		3	0	21.69	21.75	21.70	22.00
		3	2	21.69	21.73	21.74	22.00
		3	3	21.74	21.74	21.70	22.00
		6	0	21.69	21.72	21.73	22.00

		1	0	21.72	21.73	21.72	22.00
		1	2	21.75	21.72	21.68	22.00
		1	5	21.73	21.74	21.71	22.00
		3	0	21.74	21.72	21.68	22.00
		3	2	21.70	21.70	21.72	22.00
		3	3	21.75	21.69	21.70	22.00
		6	0	20.86	20.86	20.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.73	21.73	21.69	22.00
		1	7	21.70	21.74	21.73	22.00
		1	14	21.71	21.70	21.68	22.00
		8	0	21.74	21.74	21.71	22.00
		8	4	21.69	21.71	21.71	22.00
		8	7	21.74	21.70	21.72	22.00
		15	0	21.72	21.74	21.70	22.00
	16QAM	1	0	21.74	21.68	21.71	22.00
		1	7	21.75	21.69	21.72	22.00
		1	14	21.72	21.74	21.71	22.00
		8	0	21.73	21.70	21.70	22.00
		8	4	21.71	21.72	21.71	22.00
		8	7	21.75	21.73	21.68	22.00
		15	0	21.73	21.70	21.73	22.00
	64QAM	1	0	21.74	21.72	21.68	22.00
		1	7	21.69	21.69	21.69	22.00
		1	14	21.68	21.73	21.73	22.00
		8	0	20.85	20.83	20.78	21.00
		8	4	20.89	20.82	20.83	21.00
		8	7	20.89	20.87	20.78	21.00
		15	0	20.85	20.88	20.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.73	21.73	21.68	22.00
		1	13	21.73	21.70	21.71	22.00
		1	24	21.69	21.72	21.69	22.00
		12	0	21.69	21.72	21.68	22.00
		12	6	21.69	21.70	21.68	22.00
		12	13	21.75	21.73	21.73	22.00
		25	0	21.74	21.71	21.68	22.00
	16QAM	1	0	21.69	21.68	21.70	22.00
		1	13	21.72	21.71	21.70	22.00
		1	24	21.70	21.73	21.74	22.00
		12	0	21.74	21.69	21.71	22.00
		12	6	21.72	21.70	21.71	22.00
		12	13	21.72	21.70	21.72	22.00
		25	0	21.69	21.71	21.70	22.00
	64QAM	1	0	21.74	21.69	21.73	22.00
		1	13	21.70	21.75	21.72	22.00
		1	24	21.73	21.71	21.71	22.00
		12	0	20.88	20.89	20.81	21.00
		12	6	20.84	20.89	20.79	21.00
		12	13	20.86	20.87	20.80	21.00
		25	0	20.83	20.84	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

Bandwidth	Modulation	RB size	RB offset	18650	18900	19150	Tune up	
				Channel	Channel	Channel		
10MHz	QPSK	1	0	21.71	21.73	21.75	22.00	
		1	25	21.74	21.72	21.72	22.00	
		1	49	21.71	21.72	21.68	22.00	
		25	0	21.72	21.71	21.69	22.00	
		25	13	21.71	21.73	21.71	22.00	
		25	25	21.71	21.70	21.71	22.00	
	16QAM	50	0	21.72	21.74	21.69	22.00	
		1	0	21.72	21.70	21.71	22.00	
		1	25	21.73	21.74	21.71	22.00	
		1	49	21.71	21.73	21.70	22.00	
		25	0	21.69	21.74	21.69	22.00	
		25	13	21.71	21.74	21.68	22.00	
	64QAM	25	25	21.73	21.72	21.74	22.00	
		50	0	21.73	21.72	21.71	22.00	
		1	0	21.74	21.68	21.69	22.00	
		1	25	21.68	21.73	21.68	22.00	
		1	49	21.69	21.69	21.74	22.00	
		25	0	20.84	20.86	20.79	21.00	
	15MHz	QPSK	25	13	20.87	20.84	20.79	21.00
			25	25	20.86	20.83	20.81	21.00
			50	0	20.90	20.87	20.82	21.00
1			0	21.72	21.73	21.75	22.00	
1			38	21.70	21.75	21.73	22.00	
1			74	21.75	21.74	21.70	22.00	
16QAM		36	0	21.74	21.70	21.74	22.00	
		36	18	21.74	21.70	21.68	22.00	
		36	39	21.69	21.69	21.73	22.00	
		75	0	21.74	21.73	21.72	22.00	
		1	0	21.73	21.71	21.74	22.00	
		1	38	21.71	21.73	21.70	22.00	
64QAM		1	74	21.72	21.72	21.70	22.00	
		36	0	21.70	21.75	21.71	22.00	
		36	18	21.75	21.73	21.72	22.00	
		36	39	21.70	21.71	21.72	22.00	
		75	0	21.70	21.72	21.68	22.00	
		1	0	21.69	21.68	21.74	22.00	
20MHz		QPSK	1	38	21.68	21.71	21.75	22.00
			1	74	21.74	21.72	21.72	22.00
			36	0	20.86	20.84	20.79	21.00
	36		18	20.89	20.88	20.78	21.00	
	36		39	20.84	20.87	20.79	21.00	
	75		0	20.83	20.83	20.81	21.00	
	16QAM	1	0	21.68	21.81	21.70	22.00	
		1	50	21.72	21.74	21.74	22.00	
		1	99	21.75	21.68	21.69	22.00	
		50	0	21.72	21.78	21.70	22.00	
		50	25	21.73	21.74	21.73	22.00	
		50	50	21.74	21.75	21.70	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	20MHz	QPSK	100	0	21.75	21.69	21.73	22.00
			1	0	21.70	21.74	21.70	22.00
	1		50	21.72	21.71	21.68	22.00	

		1	99	21.70	21.74	21.75	22.00
		50	0	21.71	21.74	21.74	22.00
		50	25	21.72	21.74	21.73	22.00
		50	50	21.73	21.74	21.68	22.00
		100	0	21.74	21.70	21.69	22.00
		1	0	21.75	21.68	21.71	22.00
	64QAM	1	50	21.71	21.72	21.69	22.00
		1	99	21.70	21.74	21.74	22.00
		50	0	20.87	20.87	20.83	21.00
		50	25	20.87	20.84	20.82	21.00
		50	50	20.85	20.84	20.79	21.00
		100	0	20.90	20.86	20.83	21.00

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.40	24.50	24.48	25.50
		1	2	24.36	24.44	24.47	25.50
		1	5	24.31	24.37	24.45	25.50
		3	0	23.54	23.67	23.50	24.50
		3	2	23.61	23.40	23.56	24.50
		3	3	23.67	23.45	23.61	24.50
	16QAM	6	0	23.55	23.61	23.51	24.50
		1	0	23.55	23.45	23.56	24.50
		1	2	23.38	23.55	23.36	24.50
		1	5	23.54	23.56	23.52	24.50
		3	0	22.60	22.69	22.52	23.50
		3	2	22.59	22.51	22.55	23.50
		3	3	22.62	22.52	22.66	23.50
	64QAM	6	0	22.62	22.35	22.54	23.50
		1	0	22.49	22.50	22.64	23.50
		1	2	22.27	22.26	22.42	23.50
		1	5	22.43	22.37	22.44	23.50
		3	0	22.50	22.49	22.58	23.50
		3	2	22.34	22.25	22.42	23.50
		3	3	22.41	22.38	22.47	23.50
	6	0	21.83	21.90	21.84	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.40	24.49	24.46	25.50
		1	7	24.36	24.44	24.46	25.50
		1	14	24.29	24.34	24.43	25.50
		8	0	23.56	23.62	23.54	24.50
		8	4	23.63	23.45	23.60	24.50
		8	7	23.67	23.46	23.54	24.50
		15	0	23.56	23.69	23.53	24.50
	16QAM	1	0	23.52	23.43	23.57	24.50
		1	7	23.41	23.58	23.39	24.50
		1	14	23.52	23.57	23.47	24.50
		8	0	22.61	22.63	22.49	23.50
		8	4	22.54	22.53	22.54	23.50

		8	7	22.63	22.54	22.71	23.50
		15	0	22.60	22.37	22.57	23.50
	64QAM	1	0	22.50	22.46	22.60	23.50
		1	7	22.28	22.31	22.36	23.50
		1	14	22.38	22.34	22.47	23.50
		8	0	21.68	21.75	21.71	22.50
		8	4	21.62	21.64	21.62	22.50
		8	7	21.90	21.87	21.74	22.50
		15	0	21.90	21.87	21.86	22.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
	19975				20175	20375	
5MHz	QPSK	1	0	24.36	24.47	24.53	25.50
		1	13	24.42	24.39	24.40	25.50
		1	24	24.38	24.39	24.43	25.50
		12	0	23.55	23.63	23.50	24.50
		12	6	23.59	23.47	23.57	24.50
		12	13	23.68	23.51	23.60	24.50
		25	0	23.55	23.67	23.55	24.50
	16QAM	1	0	23.55	23.45	23.61	24.50
		1	13	23.42	23.55	23.42	24.50
		1	24	23.54	23.62	23.44	24.50
		12	0	22.64	22.71	22.48	23.50
		12	6	22.58	22.56	22.55	23.50
		12	13	22.60	22.54	22.71	23.50
		25	0	22.59	22.40	22.55	23.50
	64QAM	1	0	22.53	22.46	22.60	23.50
		1	13	22.30	22.33	22.39	23.50
		1	24	22.44	22.32	22.50	23.50
		12	0	21.67	21.78	21.70	22.50
		12	6	21.63	21.64	21.63	22.50
		12	13	21.89	21.87	21.77	22.50
25		0	21.90	21.85	21.83	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.37	24.46	24.45	25.50
		1	25	24.39	24.39	24.45	25.50
		1	49	24.31	24.34	24.40	25.50
		25	0	23.48	23.68	23.55	24.50
		25	13	23.59	23.40	23.57	24.50
		25	25	23.68	23.46	23.55	24.50
		50	0	23.55	23.66	23.56	24.50
	16QAM	1	0	23.51	23.47	23.60	24.50
		1	25	23.37	23.60	23.36	24.50
		1	49	23.50	23.64	23.48	24.50
		25	0	22.62	22.64	22.50	23.50
		25	13	22.59	22.56	22.60	23.50
		25	25	22.61	22.52	22.65	23.50
		50	0	22.58	22.42	22.51	23.50
	64QAM	1	0	22.48	22.49	22.57	23.50
		1	25	22.29	22.31	22.44	23.50
		1	49	22.38	22.29	22.42	23.50
		25	0	21.68	21.71	21.73	22.50
		25	13	21.58	21.69	21.66	22.50
		25	25	21.84	21.89	21.73	22.50
50		0	21.83	21.83	21.83	22.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.41	24.48	24.51	25.50
		1	38	24.42	24.41	24.39	25.50
		1	74	24.35	24.42	24.41	25.50
		36	0	23.53	23.66	23.54	24.50
		36	18	23.65	23.47	23.54	24.50
		36	39	23.69	23.54	23.60	24.50
		75	0	23.54	23.65	23.56	24.50
	16QAM	1	0	23.58	23.41	23.62	24.50
		1	38	23.44	23.61	23.43	24.50
		1	74	23.50	23.58	23.46	24.50
		36	0	22.60	22.72	22.53	23.50
		36	18	22.53	22.51	22.53	23.50
		36	39	22.61	22.55	22.67	23.50
		75	0	22.56	22.38	22.53	23.50
	64QAM	1	0	22.52	22.44	22.61	23.50
		1	38	22.26	22.28	22.39	23.50
		1	74	22.43	22.34	22.48	23.50
		36	0	21.74	21.74	21.70	22.50
		36	18	21.56	21.69	21.65	22.50
		36	39	21.87	21.89	21.72	22.50
		75	0	21.89	21.87	21.84	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.39	24.57	24.49	25.50
		1	50	24.42	24.40	24.44	25.50
		1	99	24.36	24.36	24.44	25.50
		50	0	23.53	23.78	23.51	24.50
		50	25	23.66	23.44	23.58	24.50
		50	50	23.69	23.53	23.61	24.50
		100	0	23.53	23.65	23.58	24.50
	16QAM	1	0	23.51	23.44	23.62	24.50
		1	50	23.37	23.58	23.38	24.50
		1	99	23.53	23.58	23.44	24.50
		50	0	22.58	22.68	22.54	23.50
		50	25	22.52	22.49	22.62	23.50
		50	50	22.57	22.58	22.72	23.50
		100	0	22.60	22.43	22.52	23.50
	64QAM	1	0	22.53	22.52	22.63	23.50
		1	50	22.29	22.29	22.40	23.50
		1	99	22.39	22.36	22.47	23.50
		50	0	21.73	21.76	21.69	22.50
		50	25	21.55	21.68	21.60	22.50
		50	50	21.82	21.87	21.73	22.50
		100	0	21.87	21.89	21.83	22.50

LTE Band 4Sensor On				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.99	22.03	22.03	22.50
		1	2	21.98	21.99	22.05	22.50

		1	5	22.04	22.05	21.99	22.50	
		3	0	22.03	22.04	21.98	22.50	
		3	2	22.05	21.98	22.03	22.50	
		3	3	22.04	22.04	22.03	22.50	
		6	0	22.01	22.03	22.01	22.50	
	16QAM	1	0	22.05	22.00	22.04	22.50	
		1	2	22.00	22.03	22.04	22.50	
		1	5	22.04	22.00	22.00	22.50	
		3	0	22.04	22.01	22.02	22.50	
		3	2	22.02	22.04	22.00	22.50	
		3	3	22.05	22.02	22.04	22.50	
		6	0	22.02	22.00	22.03	22.50	
	64QAM	1	0	22.00	22.04	22.00	22.50	
		1	2	21.99	21.99	22.01	22.50	
		1	5	22.02	21.99	22.05	22.50	
		3	0	21.99	22.04	21.98	22.50	
		3	2	22.03	22.05	21.99	22.50	
		3	3	22.05	22.02	22.01	22.50	
		6	0	22.02	22.01	22.01	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	22.03	21.99	22.02	22.50	
		1	7	22.03	22.00	22.03	22.50	
		1	14	22.02	22.01	22.05	22.50	
		8	0	22.04	22.04	22.03	22.50	
		8	4	22.04	22.04	22.04	22.50	
		8	7	21.99	22.00	21.99	22.50	
			15	0	22.01	22.03	22.01	22.50
	16QAM	1	0	22.01	21.99	22.02	22.50	
		1	7	22.00	22.02	22.01	22.50	
		1	14	22.00	22.05	22.03	22.50	
		8	0	22.04	22.05	22.02	22.50	
		8	4	22.01	21.99	22.04	22.50	
		8	7	22.04	22.00	22.05	22.50	
			15	0	22.01	21.99	22.02	22.50
	64QAM	1	0	21.99	22.05	22.00	22.50	
		1	7	22.01	22.01	22.02	22.50	
		1	14	21.99	22.05	22.01	22.50	
		8	0	22.03	22.02	21.99	22.50	
8		4	21.99	22.00	22.00	22.50		
8		7	22.00	22.00	22.01	22.50		
		15	0	21.99	22.03	22.03	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	21.99	22.01	22.03	22.50	
		1	13	22.03	22.02	22.02	22.50	
		1	24	21.99	22.04	22.04	22.50	
		12	0	22.02	21.98	22.02	22.50	
		12	6	22.02	22.01	21.98	22.50	
		12	13	22.03	22.04	22.05	22.50	
			25	0	22.03	22.02	21.99	22.50
	16QAM	1	0	22.03	21.99	22.05	22.50	
		1	13	22.01	21.98	22.03	22.50	
1		24	22.00	22.02	22.02	22.50		

		12	0	22.01	22.01	21.99	22.50
		12	6	22.02	22.01	22.01	22.50
		12	13	22.03	22.02	22.02	22.50
		25	0	22.04	22.03	22.05	22.50
	64QAM	1	0	21.98	22.00	22.00	22.50
		1	13	21.99	21.99	22.01	22.50
		1	24	22.03	22.03	22.03	22.50
		12	0	22.04	22.01	21.99	22.50
		12	6	21.98	22.01	22.02	22.50
		12	13	21.98	22.02	22.03	22.50
		25	0	22.01	21.98	22.04	22.50
		25	0	22.01	21.98	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.99	22.04	21.98	22.50
		1	25	22.03	22.03	22.00	22.50
		1	49	22.03	22.00	22.01	22.50
		25	0	22.02	22.04	22.02	22.50
		25	13	22.04	22.02	22.05	22.50
		25	25	22.00	21.99	21.98	22.50
		50	0	22.03	22.00	21.98	22.50
	16QAM	1	0	21.99	22.04	22.00	22.50
		1	25	21.99	22.00	22.02	22.50
		1	49	22.00	21.99	22.03	22.50
		25	0	22.04	22.01	22.04	22.50
		25	13	21.99	22.01	22.04	22.50
		25	25	22.04	21.99	22.02	22.50
		50	0	21.99	22.00	22.02	22.50
	64QAM	1	0	22.04	22.01	22.03	22.50
		1	25	22.05	21.99	22.04	22.50
		1	49	22.02	22.03	22.04	22.50
		25	0	22.00	22.02	22.00	22.50
		25	13	22.00	22.00	21.99	22.50
		25	25	22.05	22.04	21.98	22.50
		50	0	22.00	22.01	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.00	21.99	22.04	22.50
		1	38	22.04	22.04	22.03	22.50
		1	74	22.02	22.04	22.04	22.50
		36	0	21.99	22.01	22.01	22.50
		36	18	22.01	22.03	22.00	22.50
		36	39	22.00	21.99	22.00	22.50
		75	0	22.01	22.04	22.04	22.50
	16QAM	1	0	22.05	21.99	21.99	22.50
		1	38	22.01	22.02	22.01	22.50
		1	74	22.00	22.05	22.04	22.50
		36	0	21.98	22.00	22.00	22.50
		36	18	22.00	22.04	22.00	22.50
		36	39	22.02	22.02	22.00	22.50
		75	0	22.01	22.01	22.02	22.50
	64QAM	1	0	22.00	22.03	22.01	22.50
		1	38	22.04	22.05	22.01	22.50
		1	74	22.04	22.03	22.00	22.50
		36	0	22.01	22.02	22.00	22.50
		36	18	22.00	22.00	22.00	22.50
		36	39	21.98	22.02	22.04	22.50
		36	39	21.98	22.02	22.04	22.50

Bandwidth	Modulation	75	0	22.02	22.01	22.01	22.50	
		RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up	
20MHz	QPSK	1	0	22.04	22.08	22.00	22.50	
		1	50	22.01	22.04	21.98	22.50	
		1	99	22.04	21.98	21.99	22.50	
		50	0	22.01	22.06	22.05	22.50	
		50	25	22.05	22.03	21.98	22.50	
		50	50	21.99	22.03	22.02	22.50	
	16QAM	100	0	22.02	22.02	22.01	22.50	
		1	0	21.99	22.03	22.01	22.50	
		1	50	22.02	22.04	22.03	22.50	
		1	99	22.03	21.99	22.04	22.50	
		50	0	22.03	22.00	22.03	22.50	
		50	25	22.01	21.98	22.03	22.50	
	64QAM	50	50	22.02	22.03	21.98	22.50	
		100	0	22.00	22.04	22.01	22.50	
		1	0	22.05	22.00	21.99	22.50	
		1	50	22.02	22.03	21.98	22.50	
		1	99	22.03	22.04	22.02	22.50	
		50	0	22.00	22.03	22.00	22.50	
			50	25	22.03	22.01	22.00	22.50
			50	50	22.04	22.01	22.04	22.50
			100	0	22.00	22.00	22.01	22.50
100			0	22.00	22.00	22.01	22.50	

LTE Band 4 Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	20.05	20.04	20.05	20.50	
		1	2	20.03	20.14	20.08	20.50	
		1	5	20.10	20.12	20.09	20.50	
		3	0	20.08	20.10	20.12	20.50	
		3	2	20.10	20.01	20.08	20.50	
		3	3	20.04	20.13	20.12	20.50	
	16QAM	6	0	20.08	20.10	20.07	20.50	
		1	0	20.11	20.04	20.08	20.50	
		1	2	20.08	20.08	20.10	20.50	
		1	5	20.09	20.09	20.09	20.50	
		3	0	20.10	20.13	20.09	20.50	
		3	2	20.03	20.07	20.08	20.50	
	64QAM	3	3	20.10	20.08	20.06	20.50	
		6	0	20.15	20.06	20.10	20.50	
		1	0	20.08	20.15	20.08	20.50	
		1	2	20.02	20.09	20.09	20.50	
		1	5	20.09	20.11	20.05	20.50	
		3	0	20.11	20.04	20.06	20.50	
			3	2	20.11	20.08	20.03	20.50
			3	3	20.09	20.03	20.09	20.50
			3	3	20.09	20.03	20.09	20.50
6			0	20.04	20.04	20.11	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		

3MHz	QPSK	1	0	20.13	20.09	20.06	20.50			
		1	7	20.03	20.13	20.07	20.50			
		1	14	20.05	20.10	20.13	20.50			
		8	0	20.10	20.08	20.07	20.50			
		8	4	20.12	20.06	20.05	20.50			
		8	7	20.06	20.13	20.10	20.50			
	16QAM	15	0	20.07	20.09	20.10	20.50			
		1	0	20.11	20.03	20.13	20.50			
		1	7	20.03	20.08	20.11	20.50			
		1	14	20.06	20.10	20.02	20.50			
		8	0	20.10	20.05	20.02	20.50			
		8	4	20.01	20.04	20.06	20.50			
	64QAM	8	7	20.12	20.05	20.08	20.50			
		15	0	20.07	20.07	20.12	20.50			
		1	0	20.07	20.07	20.14	20.50			
		1	7	20.10	20.10	20.11	20.50			
		1	14	20.09	20.06	20.07	20.50			
		8	0	20.11	20.12	20.14	20.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				19975	20175	20375				
				1	0	20.13		20.02	20.04	20.50
				1	13	20.04		20.07	20.05	20.50
				1	24	20.07		20.07	20.08	20.50
				12	0	20.06		20.13	20.10	20.50
				12	6	20.08		20.09	20.05	20.50
				12	13	20.12		20.14	20.06	20.50
5MHz	QPSK	25	0	20.09	20.05	20.04	20.50			
		1	0	20.06	20.05	20.12	20.50			
		1	13	20.10	20.10	20.12	20.50			
		1	24	20.08	20.07	20.04	20.50			
		12	0	20.03	20.11	20.07	20.50			
		12	6	20.02	20.07	20.07	20.50			
	16QAM	12	13	20.11	20.07	20.11	20.50			
		25	0	20.12	20.13	20.05	20.50			
		1	0	20.10	20.08	20.09	20.50			
		1	13	20.06	20.07	20.09	20.50			
		1	24	20.10	20.09	20.11	20.50			
		12	0	20.09	20.09	20.08	20.50			
64QAM	12	6	20.04	20.06	20.11	20.50				
	12	13	20.11	20.00	20.13	20.50				
	25	0	20.04	20.03	20.09	20.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					20000	20175	20350			
					1	0	20.11		20.02	20.06
1					25	20.03	20.15		20.01	20.50
1					49	20.08	20.14		20.09	20.50
25					0	20.10	20.08		20.07	20.50
25					13	20.05	20.00		20.11	20.50
25					25	20.06	20.08		20.06	20.50
10MHz	QPSK	50	0	20.08	20.04	20.05	20.50			
		1	0	20.13	20.06	20.09	20.50			
		1	25	20.02	20.05	20.09	20.50			
16QAM		1	0	20.13	20.06	20.09	20.50			
		1	25	20.02	20.05	20.09	20.50			

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	64QAM	1	49	20.03	20.12	20.04	20.50	
		25	0	20.07	20.09	20.07	20.50	
		25	13	20.06	20.07	20.06	20.50	
		25	25	20.07	20.04	20.10	20.50	
		50	0	20.12	20.11	20.13	20.50	
		1	0	20.07	20.11	20.12	20.50	
	64QAM	1	25	20.08	20.03	20.11	20.50	
		1	49	20.14	20.07	20.12	20.50	
		25	0	20.11	20.08	20.14	20.50	
		25	13	20.08	20.08	20.11	20.50	
		25	25	20.06	20.04	20.11	20.50	
		50	0	20.01	20.07	20.06	20.50	
	15MHz	QPSK	1	0	20.05	20.08	20.02	20.50
			1	38	20.01	20.11	20.06	20.50
			1	74	20.06	20.08	20.08	20.50
			36	0	20.06	20.11	20.13	20.50
			36	18	20.12	20.09	20.13	20.50
			36	39	20.05	20.12	20.07	20.50
16QAM		75	0	20.09	20.06	20.10	20.50	
		1	0	20.10	20.03	20.07	20.50	
		1	38	20.10	20.05	20.06	20.50	
		1	74	20.07	20.11	20.04	20.50	
		36	0	20.08	20.07	20.02	20.50	
		36	18	20.07	20.06	20.08	20.50	
64QAM		36	39	20.06	20.06	20.09	20.50	
		75	0	20.12	20.09	20.05	20.50	
		1	0	20.05	20.08	20.10	20.50	
		1	38	20.04	20.08	20.15	20.50	
		1	74	20.08	20.05	20.05	20.50	
		36	0	20.12	20.08	20.09	20.50	
20MHz	QPSK	36	18	20.07	20.11	20.07	20.50	
		36	39	20.07	20.07	20.09	20.50	
		75	0	20.08	20.04	20.04	20.50	
		1	0	20.06	20.16	20.02	20.50	
		1	50	20.03	20.11	20.06	20.50	
		1	99	20.12	20.11	20.14	20.50	
	16QAM	50	0	20.13	20.15	20.08	20.50	
		50	25	20.08	20.01	20.11	20.50	
		50	50	20.07	20.09	20.08	20.50	
		100	0	20.05	20.08	20.03	20.50	
		1	0	20.06	20.06	20.11	20.50	
		1	50	20.08	20.06	20.06	20.50	
	64QAM	1	99	20.10	20.14	20.02	20.50	
		50	0	20.04	20.08	20.04	20.50	
		50	25	20.06	20.02	20.07	20.50	
		50	50	20.15	20.02	20.06	20.50	
		100	0	20.14	20.12	20.08	20.50	
		1	0	20.12	20.12	20.09	20.50	
20MHz	64QAM	1	50	20.02	20.04	20.15	20.50	
		1	99	20.14	20.07	20.08	20.50	
		50	0	20.04	20.05	20.09	20.50	
		50	25	20.12	20.14	20.11	20.50	

		50	50	20.08	20.03	20.11	20.50
		100	0	20.09	20.06	20.09	20.50

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	23.03	23.14	23.09	24.00
		1	2	22.95	23.00	23.07	24.00
		1	5	22.96	22.95	23.02	24.00
		3	0	22.13	22.27	22.14	23.00
		3	2	22.23	22.02	22.17	23.00
		3	3	22.32	22.08	22.21	23.00
		6	0	22.16	22.24	22.10	23.00
	16QAM	1	0	22.15	22.08	22.16	23.00
		1	2	22.02	22.12	21.95	23.00
		1	5	22.17	22.14	22.13	23.00
		3	0	21.20	21.31	21.09	22.00
		3	2	21.23	21.08	21.19	22.00
		3	3	21.27	21.17	21.30	22.00
		6	0	21.27	20.98	21.15	22.00
	64QAM	1	0	21.09	21.13	21.25	22.00
		1	2	20.85	20.89	21.00	22.00
		1	5	21.08	21.01	21.07	22.00
		3	0	21.14	21.08	21.22	22.00
		3	2	20.96	20.84	21.00	22.00
		3	3	21.01	21.00	21.09	22.00
		6	0	20.47	20.53	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.95	23.06	23.11	24.00
		1	7	23.01	22.96	23.03	24.00
		1	14	22.96	23.02	22.99	24.00
		8	0	22.16	22.20	22.07	23.00
		8	4	22.18	22.06	22.21	23.00
		8	7	22.24	22.07	22.20	23.00
		15	0	22.15	22.27	22.14	23.00
	16QAM	1	0	22.12	22.09	22.19	23.00
		1	7	21.98	22.15	22.01	23.00
		1	14	22.12	22.19	22.02	23.00
		8	0	21.23	21.30	21.10	22.00
		8	4	21.15	21.16	21.14	22.00
		8	7	21.21	21.10	21.32	22.00
		15	0	21.22	20.99	21.16	22.00
	64QAM	1	0	21.10	21.04	21.20	22.00
		1	7	20.93	20.91	21.04	22.00
		1	14	21.02	20.96	21.10	22.00
		8	0	20.30	20.35	20.30	21.00
		8	4	20.23	20.28	20.21	21.00
		8	7	20.47	20.46	20.37	21.00
		15	0	20.53	20.48	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	22.96	23.08	23.13	24.00
		1	13	22.99	23.03	23.03	24.00
		1	24	22.95	23.02	22.99	24.00
		12	0	22.11	22.22	22.14	23.00
		12	6	22.20	22.09	22.20	23.00
		12	13	22.32	22.12	22.22	23.00
	16QAM	25	0	22.12	22.23	22.11	23.00
		1	0	22.14	22.02	22.18	23.00
		1	13	22.03	22.15	22.06	23.00
		1	24	22.10	22.21	22.09	23.00
		12	0	21.23	21.29	21.04	22.00
		12	6	21.15	21.20	21.18	22.00
	64QAM	12	13	21.18	21.12	21.36	22.00
		25	0	21.21	20.99	21.11	22.00
		1	0	21.13	21.09	21.17	22.00
		1	13	20.91	20.95	21.01	22.00
		1	24	21.01	20.92	21.09	22.00
		12	0	20.24	20.36	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.98	23.03	23.13	24.00
		1	25	23.05	22.95	23.03	24.00
		1	49	22.97	22.96	23.00	24.00
		25	0	22.15	22.21	22.09	23.00
		25	13	22.24	22.09	22.17	23.00
		25	25	22.31	22.12	22.20	23.00
	16QAM	50	0	22.18	22.23	22.19	23.00
		1	0	22.17	22.10	22.20	23.00
		1	25	22.03	22.11	22.00	23.00
		1	49	22.19	22.18	22.07	23.00
		25	0	21.26	21.35	21.10	22.00
		25	13	21.22	21.16	21.13	22.00
	64QAM	25	25	21.24	21.12	21.31	22.00
		50	0	21.18	21.04	21.16	22.00
		1	0	21.13	21.05	21.18	22.00
		1	25	20.88	20.91	20.99	22.00
		1	49	21.05	20.96	21.07	22.00
		25	0	20.26	20.37	20.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	25	13	20.23	20.24	20.22	21.00
		25	25	20.49	20.50	20.38	21.00
		50	0	20.49	20.45	20.45	21.00
		1	0	22.99	23.06	23.12	24.00
		1	38	23.01	22.95	23.05	24.00
		1	74	22.95	22.99	23.05	24.00
		36	0	22.13	22.26	22.11	23.00
	36	18	22.24	22.08	22.13	23.00	
16QAM	36	39	22.28	22.11	22.17	23.00	
	75	0	22.20	22.25	22.13	23.00	
		1	0	22.15	22.08	22.26	23.00

		1	38	22.01	22.16	22.00	23.00
		1	74	22.15	22.26	22.06	23.00
		36	0	21.22	21.33	21.11	22.00
		36	18	21.15	21.14	21.20	22.00
		36	39	21.19	21.11	21.36	22.00
		75	0	21.21	21.02	21.17	22.00
		75	0	21.21	21.02	21.17	22.00
	64QAM	1	0	21.16	21.02	21.22	22.00
		1	38	20.93	20.97	21.02	22.00
		1	74	21.02	20.94	21.10	22.00
		36	0	20.28	20.39	20.32	21.00
		36	18	20.28	20.25	20.27	21.00
		36	39	20.47	20.45	20.38	21.00
		75	0	20.52	20.44	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.94	23.18	23.16	24.00
		1	50	23.05	22.98	22.98	24.00
		1	99	23.00	23.00	23.06	24.00
		50	0	22.13	22.36	22.08	23.00
		50	25	22.18	22.09	22.15	23.00
		50	50	22.28	22.14	22.22	23.00
		100	0	22.18	22.27	22.13	23.00
	16QAM	1	0	22.18	22.02	22.25	23.00
		1	50	21.99	22.17	21.99	23.00
		1	99	22.13	22.20	22.08	23.00
		50	0	21.27	21.31	21.10	22.00
		50	25	21.14	21.13	21.19	22.00
		50	50	21.24	21.14	21.31	22.00
		100	0	21.16	21.02	21.11	22.00
	64QAM	1	0	21.16	21.04	21.17	22.00
		1	50	20.88	20.90	21.03	22.00
		1	99	21.08	20.89	21.12	22.00
		50	0	20.31	20.38	20.31	21.00
		50	25	20.24	20.25	20.20	21.00
		50	50	20.46	20.47	20.42	21.00
		100	0	20.53	20.49	20.42	21.00

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.39	24.49	24.49	25.50
		1	2	24.37	24.43	24.45	25.50
		1	5	24.36	24.43	24.40	25.50
		3	0	23.48	23.70	23.48	24.50
		3	2	23.59	23.40	23.57	24.50
		3	3	23.70	23.52	23.59	24.50
		6	0	23.55	23.65	23.58	24.50
	16QAM	1	0	23.51	23.49	23.57	24.50
		1	2	23.41	23.60	23.36	24.50
		1	5	23.51	23.57	23.49	24.50
		3	0	22.59	22.68	22.49	23.50
		3	2	22.56	22.53	22.55	23.50

		3	3	22.56	22.59	22.68	23.50
		6	0	22.62	22.40	22.53	23.50
	64QAM	1	0	22.55	22.45	22.58	23.50
		1	2	22.29	22.25	22.41	23.50
		1	5	22.40	22.31	22.46	23.50
		3	0	22.49	22.51	22.60	23.50
		3	2	22.33	22.24	22.39	23.50
		3	3	22.39	22.30	22.50	23.50
		6	0	21.89	21.83	21.83	22.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
	20415				20525	20635	
3MHz	QPSK	1	0	24.39	24.50	24.52	25.50
		1	7	24.38	24.43	24.41	25.50
		1	14	24.30	24.41	24.39	25.50
		8	0	23.47	23.67	23.54	24.50
		8	4	23.63	23.43	23.61	24.50
		8	7	23.69	23.48	23.59	24.50
	16QAM	15	0	23.53	23.63	23.53	24.50
		1	0	23.55	23.49	23.55	24.50
		1	7	23.38	23.59	23.41	24.50
		1	14	23.48	23.56	23.51	24.50
		8	0	22.58	22.66	22.47	23.50
		8	4	22.57	22.56	22.55	23.50
	64QAM	8	7	22.63	22.60	22.71	23.50
		15	0	22.62	22.42	22.57	23.50
		1	0	22.48	22.50	22.65	23.50
		1	7	22.25	22.26	22.44	23.50
		1	14	22.45	22.31	22.43	23.50
		8	0	21.74	21.78	21.70	22.50
5MHz	QPSK	8	4	21.61	21.70	21.61	22.50
		8	7	21.89	21.81	21.74	22.50
		15	0	21.85	21.90	21.77	22.50
		1	0	24.38	24.50	24.47	25.50
		1	13	24.37	24.44	24.41	25.50
		1	24	24.30	24.35	24.45	25.50
5MHz	16QAM	12	0	23.54	23.71	23.53	24.50
		12	6	23.66	23.42	23.62	24.50
		12	13	23.64	23.51	23.57	24.50
		25	0	23.58	23.65	23.51	24.50
		1	0	23.52	23.45	23.58	24.50
		1	13	23.44	23.57	23.43	24.50
	64QAM	1	24	23.47	23.61	23.52	24.50
		12	0	22.58	22.65	22.51	23.50
		12	6	22.57	22.55	22.57	23.50
		12	13	22.61	22.53	22.71	23.50
		25	0	22.61	22.36	22.53	23.50
		1	0	22.50	22.46	22.60	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
		1	13	22.34	22.26	22.41	23.50
		1	24	22.40	22.33	22.45	23.50
		12	0	21.70	21.77	21.73	22.50
		12	6	21.57	21.69	21.67	22.50
		12	13	21.83	21.82	21.79	22.50

Bandwidth	Modulation	25	0	21.90	21.89	21.86	22.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20450	20525	20600	25.50
		1	25	24.40	24.55	24.46	25.50
		1	49	24.42	24.40	24.45	25.50
		1	49	24.36	24.36	24.39	25.50
		25	0	23.54	23.65	23.53	24.50
		25	13	23.61	23.44	23.56	24.50
		25	25	23.64	23.46	23.61	24.50
	16QAM	50	0	23.54	23.64	23.55	24.50
		1	0	23.56	23.42	23.54	24.50
		1	25	23.37	23.62	23.40	24.50
		1	49	23.49	23.65	23.47	24.50
		25	0	22.64	22.64	22.53	23.50
		25	13	22.56	22.50	22.59	23.50
		25	25	22.56	22.54	22.73	23.50
	64QAM	50	0	22.59	22.36	22.51	23.50
		1	0	22.55	22.51	22.59	23.50
		1	25	22.27	22.30	22.40	23.50
		1	49	22.43	22.38	22.50	23.50
		25	0	21.74	21.77	21.73	22.50
		25	13	21.57	21.65	21.62	22.50
		25	25	21.88	21.84	21.72	22.50
		50	0	21.81	21.86	21.82	22.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.87	24.98	24.96	25.50
		1	13	24.87	24.90	24.92	25.50
		1	24	24.79	24.92	24.89	25.50
		12	0	24.03	24.19	23.98	24.50
		12	6	24.12	23.94	24.11	24.50
		12	13	24.13	24.00	24.05	24.50
		25	0	24.05	24.12	24.03	24.50
	16QAM	1	0	24.02	23.92	24.10	24.50
		1	13	23.95	24.08	23.84	24.50
		1	24	24.03	24.09	24.00	24.50
		12	0	23.15	23.19	23.00	23.50
		12	6	23.05	23.00	23.06	23.50
		12	13	23.04	23.09	23.17	23.50
		25	0	23.09	22.87	23.01	23.50
	64QAM	1	0	23.04	23.01	23.12	23.50
		1	13	22.77	22.77	22.91	23.50
		1	24	22.92	22.88	22.97	23.50
		12	0	22.24	22.24	22.26	22.50
		12	6	22.10	22.16	22.12	22.50
		12	13	22.33	22.35	22.25	22.50
		25	0	22.38	22.39	22.28	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

10MHz	QPSK	1	0	24.87	24.98	24.97	25.50			
		1	25	24.92	24.98	24.94	25.50			
		1	49	24.84	24.91	24.89	25.50			
		25	0	23.99	24.17	24.03	24.50			
		25	13	24.14	23.94	24.12	24.50			
		25	25	24.20	23.97	24.05	24.50			
	16QAM	50	0	24.07	24.17	24.05	24.50			
		1	0	24.04	23.94	24.06	24.50			
		1	25	23.86	24.09	23.89	24.50			
		1	49	24.03	24.10	24.01	24.50			
		25	0	23.09	23.16	22.98	23.50			
		25	13	23.05	23.03	23.08	23.50			
	64QAM	25	25	23.08	23.09	23.24	23.50			
		50	0	23.07	22.87	23.05	23.50			
		1	0	22.99	22.99	23.09	23.50			
		1	25	22.83	22.76	22.93	23.50			
		1	49	22.88	22.80	22.95	23.50			
		25	0	22.19	22.24	22.20	22.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20825	21100	21375				
				25	13	22.09		22.17	22.13	22.50
				25	25	22.36		22.32	22.23	22.50
				50	0	22.33		22.38	22.30	22.50
				50	0	24.00		24.13	24.01	24.50
15MHz	QPSK	1	0	24.95	24.97	25.03	25.50			
		1	38	24.94	24.95	24.96	25.50			
		1	74	24.79	24.88	24.94	25.50			
		36	0	24.03	24.21	23.98	24.50			
		36	18	24.12	23.95	24.08	24.50			
		36	39	24.16	23.97	24.08	24.50			
	16QAM	75	0	24.00	24.13	24.01	24.50			
		1	0	24.01	23.94	24.11	24.50			
		1	38	23.90	24.06	23.87	24.50			
		1	74	24.00	24.15	23.99	24.50			
		36	0	23.12	23.20	22.97	23.50			
		36	18	23.04	23.03	23.08	23.50			
	64QAM	36	39	23.09	23.09	23.17	23.50			
		75	0	23.06	22.88	23.04	23.50			
		1	0	22.99	22.97	23.10	23.50			
		1	38	22.76	22.76	22.92	23.50			
		1	74	22.96	22.81	22.97	23.50			
		36	0	22.16	22.23	22.27	22.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20850	21100	21350				
				36	18	22.12		22.21	22.10	22.50
				36	39	22.36		22.37	22.27	22.50
				75	0	22.37		22.36	22.36	22.50
				75	0	24.86		25.09	24.97	25.50
20MHz	QPSK	1	0	24.86	25.09	24.97	25.50			
		1	50	24.92	24.91	24.94	25.50			
		1	99	24.84	24.88	24.88	25.50			
		50	0	23.97	24.21	24.05	24.50			
		50	25	24.12	23.97	24.10	24.50			
		50	50	24.11	24.03	24.10	24.50			
	16QAM	100	0	24.03	24.12	24.03	24.50			
		1	0	24.02	24.00	24.10	24.50			
		1	50	23.93	24.06	23.88	24.50			
		1	50	23.93	24.06	23.88	24.50			

		1	99	23.98	24.12	24.01	24.50
		50	0	23.10	23.15	23.02	23.50
		50	25	23.03	23.06	23.10	23.50
		50	50	23.07	23.05	23.16	23.50
		100	0	23.07	22.87	23.02	23.50
	64QAM	1	0	23.05	22.97	23.12	23.50
		1	50	22.76	22.82	22.95	23.50
		1	99	22.88	22.85	22.99	23.50
		50	0	22.24	22.26	22.20	22.50
		50	25	22.09	22.17	22.16	22.50
		50	50	22.34	22.35	22.27	22.50
		100	0	22.34	22.33	22.32	22.50

LTE Band 7 Sensor On/Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	21.01	21.04	21.08	21.50	
		1	13	21.08	21.03	21.02	21.50	
		1	24	21.02	21.03	21.03	21.50	
		12	0	21.06	21.05	21.03	21.50	
		12	6	21.02	21.04	21.06	21.50	
		12	13	21.04	21.06	21.04	21.50	
	16QAM	25	0	21.04	21.07	21.07	21.50	
		1	0	21.04	21.02	21.05	21.50	
		1	13	21.04	21.06	21.06	21.50	
		1	24	21.01	21.04	21.02	21.50	
		12	0	21.08	21.05	21.05	21.50	
		12	6	21.04	21.07	21.04	21.50	
	64QAM	12	13	21.04	21.05	21.05	21.50	
		25	0	21.07	21.01	21.07	21.50	
		1	0	21.08	21.01	21.04	21.50	
		1	13	21.02	21.03	21.08	21.50	
		1	24	21.08	21.08	21.05	21.50	
		12	0	21.04	21.08	21.04	21.50	
	10MHz	QPSK	12	6	21.02	21.04	21.06	21.50
			12	13	21.05	21.03	21.05	21.50
			25	0	21.01	21.05	21.05	21.50
1			0	21.05	21.02	21.02	21.50	
1			25	21.06	21.06	21.04	21.50	
1			49	21.04	21.03	21.06	21.50	
25			0	21.06	21.02	21.02	21.50	
16QAM		25	13	21.08	21.04	21.03	21.50	
		25	25	21.01	21.07	21.07	21.50	
		50	0	21.02	21.08	21.02	21.50	
		1	0	21.07	21.08	21.07	21.50	
		1	25	21.03	21.07	21.03	21.50	
		1	49	21.03	21.02	21.02	21.50	
		25	0	21.02	21.07	21.07	21.50	
25	13	21.08	21.03	21.01	21.50			

		25	25	21.06	21.05	21.08	21.50
		50	0	21.02	21.03	21.03	21.50
	64QAM	1	0	21.04	21.07	21.05	21.50
		1	25	21.05	21.07	21.07	21.50
		1	49	21.04	21.06	21.04	21.50
		25	0	21.07	21.06	21.04	21.50
		25	13	21.01	21.02	21.07	21.50
		25	25	21.02	21.04	21.07	21.50
		50	0	21.06	21.03	21.02	21.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				20825	21100	21375	
15MHz	QPSK	1	0	21.02	21.07	21.04	21.50
		1	38	21.02	21.02	21.08	21.50
		1	74	21.05	21.05	21.03	21.50
		36	0	21.05	21.04	21.04	21.50
		36	18	21.02	21.07	21.05	21.50
		36	39	21.08	21.05	21.07	21.50
		75	0	21.01	21.06	21.08	21.50
	16QAM	1	0	21.02	21.03	21.01	21.50
		1	38	21.04	21.04	21.01	21.50
		1	74	21.03	21.06	21.01	21.50
		36	0	21.04	21.07	21.08	21.50
		36	18	21.08	21.03	21.05	21.50
		36	39	21.08	21.03	21.05	21.50
		75	0	21.04	21.07	21.07	21.50
	64QAM	1	0	21.01	21.06	21.06	21.50
		1	38	21.08	21.06	21.03	21.50
		1	74	21.02	21.06	21.07	21.50
		36	0	21.02	21.04	21.07	21.50
		36	18	21.01	21.05	21.05	21.50
		36	39	21.08	21.01	21.06	21.50
		75	0	21.05	21.07	21.06	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.04	21.13	21.02	21.50
		1	50	21.06	21.03	21.05	21.50
		1	99	21.04	21.02	21.02	21.50
		50	0	21.01	21.12	21.01	21.50
		50	25	21.02	21.07	21.03	21.50
		50	50	21.02	21.04	21.04	21.50
		100	0	21.05	21.05	21.07	21.50
	16QAM	1	0	21.07	21.05	21.04	21.50
		1	50	21.05	21.04	21.05	21.50
		1	99	21.02	21.04	21.07	21.50
		50	0	21.03	21.02	21.07	21.50
		50	25	21.07	21.02	21.08	21.50
		50	50	21.05	21.01	21.04	21.50
		100	0	21.06	21.03	21.03	21.50
	64QAM	1	0	21.02	21.03	21.05	21.50
		1	50	21.04	21.05	21.04	21.50
		1	99	21.04	21.04	21.02	21.50
		50	0	21.07	21.07	21.03	21.50
		50	25	21.05	21.03	21.05	21.50
		50	50	21.03	21.06	21.08	21.50
		100	0	21.07	21.06	21.04	21.50

LTE FDD Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	24.19	24.28	24.33	25.50	
		1	2	24.20	24.26	24.27	25.50	
		1	5	24.11	24.15	24.25	25.50	
		3	0	23.34	23.43	23.29	24.50	
		3	2	23.41	23.19	23.38	24.50	
		3	3	23.42	23.33	23.38	24.50	
	16QAM	6	0	23.35	23.49	23.31	24.50	
		1	0	23.38	23.27	23.36	24.50	
		1	2	23.20	23.37	23.20	24.50	
		1	5	23.29	23.38	23.27	24.50	
		3	0	22.41	22.50	22.36	23.50	
		3	2	22.39	22.33	22.40	23.50	
	64QAM	3	3	22.39	22.40	22.50	23.50	
		6	0	22.34	22.16	22.38	23.50	
		1	0	22.34	22.30	22.39	23.50	
		1	2	22.07	22.05	22.20	23.50	
		1	5	22.18	22.17	22.30	23.50	
		3	0	22.29	22.28	22.38	23.50	
	3MHz	QPSK	3	2	22.08	22.06	22.23	23.50
			3	3	22.21	22.14	22.26	23.50
			6	0	21.65	21.67	21.63	22.50
1			0	24.16	24.30	24.32	25.50	
1			7	24.19	24.23	24.23	25.50	
1			14	24.10	24.21	24.24	25.50	
16QAM		8	0	23.33	23.46	23.29	24.50	
		8	4	23.46	23.24	23.39	24.50	
		8	7	23.45	23.30	23.35	24.50	
		15	0	23.33	23.43	23.39	24.50	
		1	0	23.36	23.28	23.40	24.50	
		1	7	23.20	23.37	23.23	24.50	
64QAM	1	14	23.30	23.40	23.28	24.50		
	8	0	22.44	22.46	22.31	23.50		
	8	4	22.34	22.33	22.38	23.50		
	8	7	22.36	22.39	22.52	23.50		
	15	0	22.39	22.23	22.32	23.50		
	1	0	22.28	22.32	22.45	23.50		
5MHz	QPSK	1	7	22.08	22.09	22.22	23.50	
		1	14	22.24	22.09	22.24	23.50	
		8	0	21.48	21.54	21.54	22.50	
		8	4	21.43	21.48	21.41	22.50	
		8	7	21.68	21.66	21.56	22.50	
		15	0	21.69	21.62	21.58	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	23035	23095	23155	25.50	
		1	13	24.19	24.29	24.32	25.50	
		1	24	24.19	24.28	24.26	25.50	
1	24	24.10	24.18	24.25	25.50			

		12	0	23.29	23.43	23.36	24.50	
		12	6	23.40	23.23	23.40	24.50	
		12	13	23.46	23.28	23.37	24.50	
		25	0	23.38	23.48	23.37	24.50	
		16QAM	1	0	23.31	23.29	23.37	24.50
			1	13	23.20	23.41	23.21	24.50
			1	24	23.33	23.39	23.26	24.50
			12	0	22.41	22.45	22.36	23.50
	12		6	22.35	22.29	22.37	23.50	
	12		13	22.38	22.32	22.45	23.50	
	25		0	22.38	22.21	22.34	23.50	
	64QAM	1	0	22.36	22.30	22.38	23.50	
		1	13	22.08	22.05	22.24	23.50	
		1	24	22.26	22.09	22.30	23.50	
		12	0	21.51	21.56	21.52	22.50	
		12	6	21.42	21.46	21.46	22.50	
		12	13	21.62	21.62	21.56	22.50	
		25	0	21.65	21.64	21.65	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23060	23095	23130	
10MHz	QPSK	1	0	24.21	24.35	24.30	25.50	
		1	25	24.23	24.21	24.26	25.50	
		1	49	24.15	24.17	24.19	25.50	
		25	0	23.30	23.48	23.34	24.50	
		25	13	23.41	23.26	23.35	24.50	
		25	25	23.44	23.27	23.38	24.50	
		50	0	23.30	23.44	23.31	24.50	
	16QAM	1	0	23.39	23.21	23.42	24.50	
		1	25	23.22	23.35	23.22	24.50	
		1	49	23.29	23.44	23.27	24.50	
		25	0	22.45	22.44	22.36	23.50	
		25	13	22.32	22.34	22.34	23.50	
		25	25	22.38	22.41	22.52	23.50	
		50	0	22.39	22.16	22.39	23.50	
	64QAM	1	0	22.34	22.26	22.37	23.50	
		1	25	22.11	22.07	22.19	23.50	
		1	49	22.25	22.18	22.28	23.50	
		25	0	21.48	21.55	21.58	22.50	
		25	13	21.36	21.47	21.39	22.50	
		25	25	21.65	21.68	21.57	22.50	
50		0	21.70	21.68	21.59	22.50		

LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.44	24.51	24.50	25.50
		1	13	24.44	24.47	24.44	25.50
		1	24	24.31	24.36	24.39	25.50
		12	0	23.55	23.66	23.51	24.50
		12	6	23.63	23.41	23.62	24.50
		12	13	23.69	23.51	23.61	24.50
		25	0	23.51	23.62	23.52	24.50

	16QAM	1	0	23.55	23.45	23.55	24.50					
		1	13	23.37	23.62	23.36	24.50					
		1	24	23.53	23.65	23.47	24.50					
		12	0	22.62	22.66	22.47	23.50					
		12	6	22.59	22.54	22.62	23.50					
		12	13	22.61	22.59	22.74	23.50					
	64QAM	25	0	22.53	22.35	22.50	23.50					
		1	0	22.51	22.48	22.56	23.50					
		1	13	22.30	22.28	22.42	23.50					
		1	24	22.44	22.32	22.49	23.50					
		12	0	21.67	21.77	21.75	22.50					
		12	6	21.62	21.67	21.61	22.50					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
					/	23230	/					
10MHz					QPSK	1	0		/	24.55	/	25.50
						1	25		/	24.47	/	25.50
						1	49		/	24.41	/	25.50
						25	0		/	23.63	/	24.50
						25	13		/	23.40	/	24.50
						25	25		/	23.49	/	24.50
					16QAM	50	0		/	23.69	/	24.50
						1	0		/	23.41	/	24.50
						1	25		/	23.55	/	24.50
						1	49		/	23.60	/	24.50
						25	0		/	22.66	/	23.50
						25	13		/	22.51	/	23.50
	64QAM	25	25	/	22.54	/	23.50					
		50	0	/	22.39	/	23.50					
1		0	/	22.51	/	23.50						
1		25	/	22.30	/	23.50						
1		49	/	22.33	/	23.50						
25		0	/	21.79	/	22.50						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				23755	23790	23825						
				5MHz	QPSK	1		0	24.24	24.32	24.27	25.50
						1		13	24.19	24.27	24.22	25.50
						1		24	24.09	24.21	24.21	25.50
						12		0	23.36	23.49	23.30	24.50
						12		6	23.38	23.25	23.43	24.50
						12		13	23.46	23.30	23.36	24.50
					16QAM	25		0	23.35	23.47	23.35	24.50
						1		0	23.31	23.26	23.35	24.50
						1		13	23.17	23.36	23.16	24.50
						1		24	23.33	23.40	23.28	24.50
						12		0	22.46	22.48	22.31	23.50
						25		25	/	21.84	/	22.50
50	0	/	21.89		/	22.50						

LTE FDD Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.24	24.32	24.27	25.50
		1	13	24.19	24.27	24.22	25.50
		1	24	24.09	24.21	24.21	25.50
		12	0	23.36	23.49	23.30	24.50
		12	6	23.38	23.25	23.43	24.50
		12	13	23.46	23.30	23.36	24.50
	16QAM	25	0	23.35	23.47	23.35	24.50
		1	0	23.31	23.26	23.35	24.50
		1	13	23.17	23.36	23.16	24.50
		1	24	23.33	23.40	23.28	24.50
		12	0	22.46	22.48	22.31	23.50
		25	25	/	21.84	/	22.50
50	0	/	21.89	/	22.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23780	23790	23800		
10MHz	64QAM	12	6	22.38	22.32	22.40	23.50	
		12	13	22.35	22.35	22.51	23.50	
		25	0	22.41	22.16	22.32	23.50	
		1	0	22.31	22.33	22.41	23.50	
		1	13	22.09	22.11	22.20	23.50	
		1	24	22.17	22.11	22.23	23.50	
		12	0	21.52	21.55	21.53	22.50	
		12	6	21.41	21.45	21.46	22.50	
		12	13	21.65	21.63	21.53	22.50	
	25	0	21.68	21.70	21.64	22.50		
	10MHz	QPSK	1	0	24.20	24.34	24.25	25.50
			1	25	24.22	24.28	24.20	25.50
			1	49	24.10	24.17	24.24	25.50
			25	0	23.29	23.48	23.29	24.50
			25	13	23.41	23.21	23.43	24.50
			25	25	23.46	23.26	23.40	24.50
			50	0	23.34	23.46	23.35	24.50
		16QAM	1	0	23.33	23.22	23.38	24.50
			1	25	23.19	23.38	23.21	24.50
			1	49	23.30	23.42	23.27	24.50
			25	0	22.42	22.51	22.31	23.50
			25	13	22.33	22.34	22.37	23.50
			25	25	22.37	22.40	22.46	23.50
			50	0	22.34	22.15	22.34	23.50
		64QAM	1	0	22.31	22.29	22.42	23.50
1			25	22.07	22.12	22.20	23.50	
1			49	22.26	22.17	22.22	23.50	
25			0	21.46	21.60	21.54	22.50	
25			13	21.40	21.48	21.44	22.50	
25			25	21.70	21.67	21.60	22.50	
50			0	21.61	21.67	21.58	22.50	

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	24.24	24.31	24.28	25.50
		1	2	24.18	24.25	24.23	25.50
		1	5	24.15	24.16	24.20	25.50
		3	0	23.28	23.49	23.36	24.50
		3	2	23.47	23.22	23.38	24.50
		3	3	23.45	23.31	23.40	24.50
		6	0	23.35	23.46	23.32	24.50
	16QAM	1	0	23.32	23.30	23.43	24.50
		1	2	23.20	23.38	23.21	24.50
		1	5	23.31	23.40	23.27	24.50
		3	0	22.42	22.51	22.30	23.50
		3	2	22.39	22.34	22.37	23.50
		3	3	22.34	22.37	22.49	23.50
		6	0	22.36	22.19	22.33	23.50
	64QAM	1	0	22.33	22.24	22.43	23.50

		1	2	22.06	22.12	22.22	23.50	
		1	5	22.21	22.14	22.22	23.50	
		3	0	22.33	22.27	22.41	23.50	
		3	2	22.06	22.09	22.25	23.50	
		3	3	22.17	22.14	22.28	23.50	
		6	0	21.65	21.66	21.64	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26705	26865	27025		
3MHz	QPSK	1	0	24.18	24.29	24.31	25.50	
		1	7	24.22	24.22	24.20	25.50	
		1	14	24.16	24.21	24.23	25.50	
		8	0	23.28	23.48	23.33	24.50	
		8	4	23.43	23.27	23.38	24.50	
		8	7	23.49	23.28	23.38	24.50	
	16QAM	15	0	23.33	23.50	23.39	24.50	
		1	0	23.38	23.22	23.36	24.50	
		1	7	23.24	23.42	23.19	24.50	
		1	14	23.28	23.40	23.25	24.50	
		8	0	22.46	22.47	22.36	23.50	
		8	4	22.38	22.31	22.37	23.50	
	64QAM	8	7	22.38	22.37	22.47	23.50	
		15	0	22.34	22.17	22.35	23.50	
		1	0	22.28	22.26	22.43	23.50	
		1	7	22.12	22.13	22.16	23.50	
		1	14	22.18	22.12	22.24	23.50	
		8	0	21.53	21.51	21.51	22.50	
			8	4	21.41	21.44	21.41	22.50
			8	7	21.68	21.62	21.53	22.50
			15	0	21.70	21.67	21.66	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	QPSK	1	0	24.23	24.27	24.29	25.50	
		1	13	24.22	24.19	24.19	25.50	
		1	24	24.13	24.19	24.22	25.50	
		12	0	23.31	23.43	23.29	24.50	
		12	6	23.46	23.28	23.36	24.50	
		12	13	23.44	23.27	23.39	24.50	
	16QAM	25	0	23.37	23.47	23.30	24.50	
		1	0	23.36	23.23	23.42	24.50	
		1	13	23.22	23.37	23.18	24.50	
		1	24	23.30	23.43	23.29	24.50	
		12	0	22.42	22.44	22.36	23.50	
		12	6	22.34	22.29	22.39	23.50	
	64QAM	12	13	22.43	22.36	22.52	23.50	
		25	0	22.36	22.18	22.30	23.50	
		1	0	22.33	22.32	22.44	23.50	
		1	13	22.10	22.12	22.21	23.50	
		1	24	22.20	22.12	22.23	23.50	
		12	0	21.48	21.55	21.55	22.50	
			12	6	21.39	21.46	21.48	22.50
			12	13	21.64	21.68	21.58	22.50
			25	0	21.68	21.67	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26750	26865	26990		
10MHz	QPSK	1	0	24.16	24.29	24.28	25.50	
		1	25	24.23	24.24	24.24	25.50	

		1	49	24.12	24.15	24.21	25.50	
		25	0	23.30	23.49	23.34	24.50	
		25	13	23.45	23.24	23.36	24.50	
		25	25	23.42	23.27	23.40	24.50	
		50	0	23.35	23.47	23.34	24.50	
		16QAM	1	0	23.35	23.27	23.42	24.50
			1	25	23.23	23.40	23.16	24.50
			1	49	23.31	23.42	23.30	24.50
			25	0	22.44	22.46	22.29	23.50
	25		13	22.32	22.29	22.34	23.50	
	25		25	22.35	22.39	22.45	23.50	
	64QAM	50	0	22.34	22.23	22.35	23.50	
		1	0	22.30	22.25	22.36	23.50	
		1	25	22.06	22.07	22.21	23.50	
		1	49	22.25	22.18	22.27	23.50	
		25	0	21.52	21.53	21.55	22.50	
		25	13	21.38	21.43	21.40	22.50	
		25	25	21.66	21.65	21.52	22.50	
50	0	21.62	21.70	21.64	22.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	26775	26865	26965	25.50	
		1	38	24.17	24.36	24.33	25.50	
		1	74	24.21	24.22	24.24	25.50	
		1	74	24.10	24.20	24.19	25.50	
		36	0	23.34	23.47	23.29	24.50	
		36	18	23.47	23.21	23.35	24.50	
		36	39	23.42	23.25	23.38	24.50	
	16QAM	75	0	23.38	23.42	23.32	24.50	
		1	0	23.31	23.29	23.38	24.50	
		1	38	23.23	23.34	23.14	24.50	
		1	74	23.30	23.37	23.28	24.50	
		36	0	22.41	22.44	22.29	23.50	
		36	18	22.34	22.32	22.33	23.50	
		36	39	22.36	22.34	22.49	23.50	
	64QAM	75	0	22.41	22.19	22.32	23.50	
		1	0	22.35	22.32	22.40	23.50	
		1	38	22.09	22.09	22.18	23.50	
		1	74	22.21	22.13	22.29	23.50	
		36	0	21.52	21.56	21.55	22.50	
		36	18	21.40	21.47	21.39	22.50	
		36	39	21.68	21.70	21.52	22.50	
75	0	21.65	21.70	21.66	22.50			

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	25.50
		1	2	24.42	24.45	24.50	25.50
		1	5	24.41	24.47	24.46	25.50
		3	0	24.33	24.37	24.45	24.50
		3	1	23.48	23.65	23.49	24.50
		3	3	23.63	23.43	23.62	24.50
		3	3	23.64	23.49	23.55	24.50

		6	0	23.52	23.70	23.55	24.50	
	16QAM	1	0	23.52	23.46	23.56	24.50	
		1	2	23.44	23.63	23.38	24.50	
		1	5	23.51	23.65	23.47	24.50	
		3	0	22.64	22.72	22.49	23.50	
		3	1	22.55	22.50	22.61	23.50	
		3	3	22.61	22.56	22.70	23.50	
		6	0	22.61	22.43	22.53	23.50	
	64QAM	1	0	22.49	22.51	22.65	23.50	
		1	2	22.29	22.31	22.40	23.50	
		1	5	22.42	22.33	22.45	23.50	
		3	0	22.49	22.49	22.62	23.50	
		3	1	22.28	22.28	22.43	23.50	
		3	3	22.40	22.33	22.48	23.50	
		6	0	21.87	21.91	21.83	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	24.42	24.48	24.51	25.50	
		1	7	24.42	24.43	24.43	25.50	
		1	14	24.37	24.42	24.40	25.50	
		8	0	23.52	23.62	23.50	24.50	
		8	4	23.65	23.48	23.62	24.50	
		8	7	23.64	23.46	23.60	24.50	
	16QAM	15	0	23.54	23.62	23.58	24.50	
		1	0	23.56	23.44	23.62	24.50	
		1	7	23.37	23.55	23.35	24.50	
		1	14	23.52	23.63	23.45	24.50	
		8	0	22.65	22.68	22.47	23.50	
		8	4	22.59	22.50	22.58	23.50	
	64QAM	8	7	22.55	22.52	22.73	23.50	
		15	0	22.56	22.39	22.55	23.50	
		1	0	22.55	22.46	22.60	23.50	
		1	7	22.26	22.30	22.41	23.50	
		1	14	22.43	22.32	22.47	23.50	
		8	0	21.70	21.75	21.70	23.50	
			8	4	21.56	21.62	21.67	23.50
			8	7	21.89	21.84	21.78	23.50
			15	0	21.85	21.90	21.83	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	24.39	24.51	24.51	25.50	
		1	13	24.43	24.43	24.41	25.50	
		1	24	24.34	24.40	24.44	25.50	
		12	0	23.50	23.64	23.52	24.50	
		12	6	23.59	23.46	23.62	24.50	
		12	13	23.63	23.48	23.58	24.50	
		25	0	23.52	23.65	23.54	24.50	
	16QAM	1	0	23.59	23.42	23.57	24.50	
		1	13	23.41	23.62	23.36	24.50	
		1	24	23.51	23.56	23.45	24.50	
		12	0	22.64	22.68	22.53	23.50	
		12	6	22.54	22.56	22.59	23.50	
		12	13	22.61	22.58	22.69	23.50	
		25	0	22.60	22.38	22.52	23.50	
	64QAM	1	0	22.49	22.51	22.59	23.50	
		1	13	22.29	22.27	22.38	23.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132022	132322	132622			
10MHz	QPSK	1	24	22.42	22.36	22.42	23.50		
		12	0	21.72	21.76	21.78	22.50		
		12	6	21.58	21.71	21.68	22.50		
		12	13	21.81	21.86	21.72	22.50		
		25	0	21.86	21.91	21.77	22.50		
		25	0	21.86	21.91	21.77	22.50		
	16QAM	16QAM	1	0	24.43	24.48	24.48	25.50	
			1	25	24.43	24.44	24.41	25.50	
			1	49	24.31	24.39	24.43	25.50	
			25	0	23.50	23.64	23.50	24.50	
			25	13	23.63	23.45	23.55	24.50	
			25	25	23.62	23.50	23.56	24.50	
		64QAM	64QAM	50	0	23.53	23.66	23.52	24.50
				1	0	23.51	23.46	23.57	24.50
				1	25	23.40	23.57	23.38	24.50
1				49	23.49	23.57	23.47	24.50	
25				0	22.63	22.64	22.54	23.50	
25				13	22.51	22.49	22.61	23.50	
15MHz	QPSK	25	25	22.59	22.54	22.71	23.50		
		25	0	22.61	22.42	22.50	23.50		
		50	0	22.56	22.50	22.59	23.50		
	16QAM	16QAM	1	0	22.32	22.30	22.44	23.50	
			1	25	22.32	22.30	22.44	23.50	
			1	49	22.45	22.32	22.43	23.50	
			25	0	21.73	21.72	21.72	22.50	
			25	13	21.55	21.71	21.60	22.50	
			25	25	21.85	21.82	21.78	22.50	
20MHz	QPSK	50	0	21.85	21.83	21.82	22.50		
		1	0	24.42	24.46	24.49	25.50		
		1	38	24.38	24.47	24.44	25.50		
	16QAM	16QAM	1	74	24.34	24.37	24.39	25.50	
			36	0	23.53	23.63	23.49	24.50	
			36	18	23.63	23.44	23.55	24.50	
			36	39	23.68	23.47	23.56	24.50	
			75	0	23.58	23.69	23.51	24.50	
			1	0	23.50	23.47	23.62	24.50	
64QAM	64QAM	1	38	23.36	23.60	23.36	24.50		
		1	74	23.49	23.57	23.44	24.50		
		36	0	22.65	22.65	22.55	23.50		
		36	18	22.58	22.49	22.56	23.50		
		36	39	22.54	22.56	22.65	23.50		
		75	0	22.57	22.36	22.57	23.50		
20MHz	QPSK	1	0	22.51	22.47	22.60	23.50		
		1	38	22.30	22.33	22.44	23.50		
		1	74	22.41	22.32	22.51	23.50		
	16QAM	16QAM	36	0	21.68	21.72	21.71	22.50	
			36	18	21.61	21.64	21.67	22.50	
			36	39	21.85	21.83	21.74	22.50	
			75	0	21.89	21.90	21.80	22.50	
			1	0	24.43	24.56	24.46	25.50	
			1	50	24.38	24.43	24.43	25.50	
20MHz	QPSK	1	99	24.35	24.41	24.42	25.50		
		1	99	24.35	24.41	24.42	25.50		

		50	0	23.53	23.67	23.56	24.50
		50	25	23.61	23.43	23.55	24.50
		50	50	23.64	23.47	23.59	24.50
		100	0	23.53	23.63	23.56	24.50
	16QAM	1	0	23.57	23.47	23.56	24.50
		1	50	23.42	23.55	23.37	24.50
		1	99	23.55	23.58	23.52	24.50
		50	0	22.58	22.70	22.48	23.50
		50	25	22.58	22.50	22.62	23.50
		50	50	22.57	22.53	22.70	23.50
		100	0	22.59	22.39	22.50	23.50
	64QAM	1	0	22.53	22.52	22.61	23.50
		1	50	22.32	22.32	22.43	23.50
		1	99	22.44	22.35	22.45	23.50
		50	0	21.67	21.77	21.73	22.50
		50	25	21.60	21.67	21.65	22.50
		50	50	21.81	21.85	21.75	22.50
		100	0	21.85	21.90	21.79	22.50

LTE Band 66Sensor On				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.70	21.73	21.71	22.50	
		1	2	21.74	21.69	21.74	22.50	
		1	5	21.71	21.73	21.73	22.50	
		3	0	21.69	21.72	21.71	22.50	
		3	1	21.69	21.74	21.72	22.50	
		3	3	21.72	21.71	21.75	22.50	
	16QAM	6	0	21.68	21.69	21.73	22.50	
		1	0	21.69	21.69	21.69	22.50	
		1	2	21.71	21.70	21.69	22.50	
		1	5	21.73	21.71	21.72	22.50	
		3	0	21.68	21.72	21.73	22.50	
		3	1	21.73	21.72	21.69	22.50	
	64QAM	3	3	21.74	21.68	21.75	22.50	
		6	0	21.74	21.72	21.72	22.50	
		1	0	21.72	21.73	21.75	22.50	
		1	2	21.72	21.70	21.74	22.50	
		1	5	21.69	21.70	21.71	22.50	
		3	0	21.71	21.70	21.73	22.50	
			3	1	21.73	21.72	21.71	22.50
			3	3	21.71	21.72	21.73	22.50
			6	0	21.72	21.74	21.71	22.50
Channel			Channel	Channel	Tune up			
131987			132322	132657				
3MHz	QPSK	1	0	21.68	21.70	21.70	22.50	
		1	7	21.70	21.72	21.72	22.50	
		1	14	21.74	21.75	21.71	22.50	
		8	0	21.68	21.73	21.74	22.50	
		8	4	21.72	21.75	21.72	22.50	
		8	7	21.74	21.73	21.73	22.50	
		15	0	21.68	21.69	21.69	22.50	

	16QAM	1	0	21.74	21.75	21.72	22.50		
		1	7	21.71	21.74	21.71	22.50		
		1	14	21.70	21.72	21.71	22.50		
		8	0	21.73	21.74	21.74	22.50		
		8	4	21.69	21.74	21.75	22.50		
		8	7	21.73	21.68	21.74	22.50		
	64QAM	15	0	21.68	21.70	21.69	22.50		
		1	0	21.69	21.71	21.72	22.50		
		1	7	21.74	21.75	21.70	22.50		
		1	14	21.70	21.71	21.69	22.50		
		8	0	21.71	21.71	21.71	22.50		
		8	4	21.73	21.74	21.75	22.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					131997	132322	132647		
			1	0	21.73	21.74	21.69	22.50	
1		13	21.69	21.73	21.71	22.50			
1		24	21.73	21.68	21.68	22.50			
5MHz		QPSK	12	0	21.73	21.73	21.72	22.50	
			12	6	21.68	21.74	21.72	22.50	
			12	13	21.72	21.73	21.69	22.50	
			25	0	21.70	21.68	21.73	22.50	
			16QAM	1	0	21.72	21.71	21.70	22.50
				1	13	21.73	21.70	21.69	22.50
		1		24	21.69	21.74	21.71	22.50	
		12		0	21.72	21.75	21.69	22.50	
		12		6	21.70	21.71	21.69	22.50	
		12		13	21.72	21.73	21.70	22.50	
	64QAM	25	0	21.73	21.75	21.68	22.50		
		1	0	21.74	21.69	21.75	22.50		
		1	13	21.72	21.69	21.71	22.50		
		1	24	21.74	21.72	21.69	22.50		
		12	0	21.68	21.68	21.74	22.50		
		12	6	21.72	21.70	21.71	22.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					132022	132322	132622		
1			0	21.75	21.71	21.75	22.50		
10MHz		QPSK	1	25	21.72	21.69	21.70	22.50	
			1	49	21.75	21.75	21.74	22.50	
			25	0	21.70	21.68	21.71	22.50	
			25	13	21.72	21.72	21.71	22.50	
			25	25	21.70	21.70	21.70	22.50	
			50	0	21.73	21.71	21.71	22.50	
		16QAM	1	0	21.71	21.73	21.75	22.50	
			1	25	21.73	21.73	21.75	22.50	
			1	49	21.68	21.72	21.69	22.50	
			25	0	21.73	21.68	21.69	22.50	
			25	13	21.68	21.70	21.72	22.50	
			25	25	21.72	21.74	21.71	22.50	
	64QAM	50	0	21.71	21.72	21.70	22.50		
		1	0	21.72	21.73	21.69	22.50		
		1	25	21.73	21.71	21.72	22.50		
		1	49	21.73	21.72	21.69	22.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	25	0	21.74	21.72	21.72	22.50	
		25	13	21.75	21.73	21.70	22.50	
		25	25	21.72	21.70	21.70	22.50	
		50	0	21.75	21.71	21.69	22.50	
		1	0	21.73	21.70	21.69	22.50	
		1	38	21.70	21.69	21.69	22.50	
		1	74	21.75	21.74	21.69	22.50	
	16QAM	36	0	21.71	21.72	21.70	22.50	
		36	18	21.69	21.73	21.70	22.50	
		36	39	21.73	21.73	21.74	22.50	
		75	0	21.72	21.71	21.68	22.50	
		1	0	21.70	21.69	21.71	22.50	
		1	38	21.69	21.71	21.73	22.50	
		1	74	21.70	21.69	21.75	22.50	
	64QAM	36	0	21.69	21.69	21.68	22.50	
		36	18	21.72	21.73	21.74	22.50	
		36	39	21.68	21.71	21.74	22.50	
		75	0	21.70	21.70	21.69	22.50	
		1	0	21.72	21.70	21.70	22.50	
		1	38	21.69	21.70	21.74	22.50	
		1	74	21.72	21.70	21.73	22.50	
	20MHz	QPSK	36	0	21.73	21.72	21.70	22.50
			36	18	21.74	21.69	21.70	22.50
			36	39	21.75	21.73	21.70	22.50
75			0	21.74	21.72	21.69	22.50	
1			0	21.70	21.80	21.73	22.50	
1			50	21.73	21.71	21.72	22.50	
1			99	21.70	21.73	21.73	22.50	
16QAM		50	0	21.75	21.77	21.70	22.50	
		50	25	21.74	21.68	21.73	22.50	
		50	50	21.70	21.68	21.72	22.50	
		100	0	21.71	21.75	21.72	22.50	
		1	0	21.70	21.72	21.70	22.50	
		1	50	21.74	21.69	21.74	22.50	
		1	99	21.69	21.70	21.71	22.50	
64QAM		50	0	21.71	21.73	21.72	22.50	
		50	25	21.69	21.74	21.72	22.50	
		50	50	21.75	21.69	21.73	22.50	
		100	0	21.69	21.69	21.72	22.50	
		1	0	21.68	21.73	21.71	22.50	
		1	50	21.74	21.71	21.73	22.50	
		1	99	21.75	21.69	21.72	22.50	
64QAM		50	0	21.69	21.74	21.70	22.50	
		50	25	21.70	21.73	21.69	22.50	
		50	50	21.70	21.73	21.73	22.50	
	100	0	21.71	21.71	21.72	22.50		

LTE Band 66 Hotspot on	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.84	20.84	20.88	21.50
		1	2	20.84	20.88	20.85	21.50
		1	5	20.83	20.89	20.86	21.50
		3	0	20.87	20.88	20.85	21.50
		3	1	20.88	20.88	20.88	21.50
		3	3	20.84	20.86	20.89	21.50
		6	0	20.86	20.87	20.87	21.50
	16QAM	1	0	20.86	20.88	20.89	21.50
		1	2	20.86	20.85	20.86	21.50
		1	5	20.84	20.88	20.85	21.50
		3	0	20.83	20.88	20.86	21.50
		3	1	20.89	20.86	20.83	21.50
		3	3	20.82	20.83	20.88	21.50
		6	0	20.89	20.85	20.88	21.50
	64QAM	1	0	20.85	20.86	20.88	21.50
		1	2	20.88	20.86	20.84	21.50
		1	5	20.89	20.83	20.88	21.50
		3	0	20.84	20.88	20.83	21.50
		3	1	20.86	20.85	20.88	21.50
		3	3	20.86	20.85	20.87	21.50
		6	0	20.88	20.83	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.85	20.86	20.86	21.50
		1	7	20.85	20.87	20.86	21.50
		1	14	20.89	20.89	20.88	21.50
		8	0	20.88	20.86	20.89	21.50
		8	4	20.85	20.89	20.83	21.50
		8	7	20.85	20.82	20.88	21.50
		15	0	20.83	20.87	20.84	21.50
	16QAM	1	0	20.89	20.86	20.85	21.50
		1	7	20.85	20.88	20.84	21.50
		1	14	20.82	20.88	20.89	21.50
		8	0	20.83	20.83	20.85	21.50
		8	4	20.84	20.83	20.88	21.50
		8	7	20.87	20.86	20.85	21.50
		15	0	20.83	20.83	20.84	21.50
	64QAM	1	0	20.85	20.84	20.85	21.50
		1	7	20.87	20.86	20.89	21.50
		1	14	20.85	20.83	20.83	21.50
		8	0	20.89	20.87	20.84	21.50
		8	4	20.85	20.85	20.84	21.50
		8	7	20.84	20.86	20.88	21.50
		15	0	20.88	20.89	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.87	20.82	20.88	21.50
		1	13	20.87	20.87	20.84	21.50
		1	24	20.83	20.82	20.87	21.50
		12	0	20.83	20.85	20.86	21.50
		12	6	20.87	20.84	20.85	21.50
		12	13	20.87	20.88	20.83	21.50
		25	0	20.88	20.84	20.86	21.50
	16QAM	1	0	20.85	20.86	20.85	21.50

		1	13	20.86	20.84	20.87	21.50
		1	24	20.84	20.85	20.84	21.50
		12	0	20.84	20.83	20.86	21.50
		12	6	20.84	20.87	20.88	21.50
		12	13	20.88	20.83	20.82	21.50
		25	0	20.83	20.83	20.83	21.50
	64QAM	1	0	20.85	20.82	20.87	21.50
		1	13	20.88	20.88	20.84	21.50
		1	24	20.88	20.85	20.89	21.50
		12	0	20.86	20.87	20.86	21.50
		12	6	20.86	20.85	20.88	21.50
		12	13	20.83	20.83	20.82	21.50
25	0	20.88	20.83	20.83	21.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.89	20.88	20.84	21.50
		1	25	20.84	20.87	20.83	21.50
		1	49	20.88	20.83	20.86	21.50
		25	0	20.87	20.85	20.87	21.50
		25	13	20.85	20.83	20.84	21.50
		25	25	20.85	20.83	20.82	21.50
	50	0	20.83	20.82	20.85	21.50	
	16QAM	1	0	20.84	20.82	20.85	21.50
		1	25	20.85	20.86	20.87	21.50
		1	49	20.83	20.85	20.86	21.50
		25	0	20.88	20.83	20.84	21.50
		25	13	20.88	20.88	20.84	21.50
		25	25	20.85	20.86	20.88	21.50
	50	0	20.85	20.89	20.87	21.50	
	64QAM	1	0	20.88	20.86	20.83	21.50
		1	25	20.88	20.85	20.83	21.50
		1	49	20.85	20.83	20.84	21.50
		25	0	20.86	20.84	20.87	21.50
		25	13	20.83	20.84	20.83	21.50
		25	25	20.82	20.88	20.83	21.50
	50	0	20.83	20.89	20.84	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.86	20.87	20.83	21.50
		1	38	20.84	20.88	20.86	21.50
		1	74	20.86	20.86	20.85	21.50
		36	0	20.83	20.87	20.84	21.50
		36	18	20.87	20.88	20.88	21.50
		36	39	20.88	20.89	20.83	21.50
		75	0	20.87	20.83	20.87	21.50
	16QAM	1	0	20.88	20.85	20.86	21.50
		1	38	20.89	20.84	20.86	21.50
		1	74	20.87	20.83	20.87	21.50
		36	0	20.86	20.84	20.84	21.50
		36	18	20.82	20.85	20.86	21.50
		36	39	20.87	20.86	20.84	21.50
	75	0	20.85	20.85	20.84	21.50	
	64QAM	1	0	20.86	20.86	20.87	21.50
		1	38	20.87	20.85	20.87	21.50
		1	74	20.82	20.85	20.83	21.50
		36	0	20.83	20.88	20.84	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	36	18	20.88	20.88	20.84	21.50
		36	39	20.82	20.89	20.86	21.50
		75	0	20.83	20.86	20.83	21.50
		1	0	20.88	20.94	20.85	21.50
		1	50	20.85	20.88	20.82	21.50
		1	99	20.87	20.84	20.84	21.50
		50	0	20.85	20.91	20.87	21.50
	50	25	20.85	20.88	20.83	21.50	
	50	50	20.87	20.85	20.83	21.50	
	100	0	20.85	20.89	20.83	21.50	
	1	0	20.85	20.86	20.86	21.50	
	1	50	20.86	20.83	20.85	21.50	
	1	99	20.87	20.86	20.85	21.50	
	50	0	20.86	20.88	20.87	21.50	
	50	25	20.84	20.88	20.86	21.50	
	50	50	20.88	20.89	20.85	21.50	
	100	0	20.87	20.88	20.88	21.50	
	1	0	20.83	20.87	20.84	21.50	
	1	50	20.87	20.86	20.83	21.50	
	1	99	20.84	20.84	20.86	21.50	
	50	0	20.83	20.82	20.83	21.50	
	50	25	20.89	20.89	20.87	21.50	
	50	50	20.85	20.86	20.88	21.50	
	100	0	20.85	20.84	20.84	21.50	

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	24.59	24.73	24.71	25.50	
		1	13	24.57	24.66	24.65	25.50	
		1	24	24.58	24.60	24.57	25.50	
		12	0	23.75	23.87	23.75	24.50	
		12	6	23.81	23.66	23.82	24.50	
		12	13	23.87	23.71	23.79	24.50	
		25	0	23.76	23.87	23.75	24.50	
	1	0	23.77	23.69	23.77	24.50		
	1	13	23.58	23.75	23.60	24.50		
	1	24	23.74	23.80	23.69	24.50		
	12	0	22.78	22.86	22.67	23.50		
	12	6	22.72	22.74	22.73	23.50		
	12	13	22.78	22.75	22.89	23.50		
	25	0	22.73	22.56	22.78	23.50		
	1	0	22.73	22.70	22.76	23.50		
	1	13	22.50	22.53	22.57	23.50		
	1	24	22.60	22.55	22.64	23.50		
	12	0	21.94	21.97	21.97	22.50		
	12	6	21.78	21.90	21.81	22.50		
	12	13	22.07	22.02	21.98	22.50		
	25	0	22.04	22.10	21.98	22.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	

10MHz	QPSK	1	0	24.58	24.68	24.66	25.50
		1	25	24.64	24.64	24.63	25.50
		1	49	24.55	24.57	24.63	25.50
		25	0	23.71	23.89	23.75	24.50
		25	13	23.79	23.64	23.76	24.50
		25	25	23.89	23.66	23.79	24.50
	16QAM	50	0	23.71	23.90	23.72	24.50
		1	0	23.76	23.62	23.81	24.50
		1	25	23.57	23.80	23.62	24.50
		1	49	23.76	23.82	23.64	24.50
		25	0	22.80	22.88	22.73	23.50
		25	13	22.76	22.70	22.80	23.50
	64QAM	25	25	22.82	22.74	22.87	23.50
		50	0	22.78	22.56	22.75	23.50
		1	0	22.69	22.68	22.82	23.50
		1	25	22.51	22.49	22.59	23.50
		1	49	22.63	22.50	22.65	23.50
		25	0	21.92	21.93	21.94	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.58	24.69	24.73	25.50
		1	38	24.59	24.67	24.59	25.50
		1	74	24.53	24.63	24.62	25.50
		36	0	23.74	23.85	23.67	24.50
		36	18	23.84	23.67	23.81	24.50
		36	39	23.84	23.71	23.79	24.50
	16QAM	75	0	23.78	23.82	23.78	24.50
		1	0	23.73	23.69	23.79	24.50
		1	38	23.60	23.75	23.61	24.50
		1	74	23.69	23.80	23.67	24.50
		36	0	22.80	22.92	22.70	23.50
		36	18	22.72	22.75	22.77	23.50
	64QAM	36	39	22.79	22.79	22.93	23.50
		75	0	22.81	22.57	22.71	23.50
		1	0	22.71	22.72	22.83	23.50
		1	38	22.49	22.48	22.63	23.50
		1	74	22.62	22.54	22.70	23.50
		36	0	21.90	21.99	21.97	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	36	18	21.83	21.82	21.86	22.50
		25	25	22.05	22.08	22.00	22.50
		50	0	22.03	22.10	22.04	22.50
		1	0	24.56	24.75	24.68	25.50
		1	50	24.59	24.64	24.66	25.50
		1	99	24.54	24.55	24.65	25.50
	16QAM	50	0	23.70	23.90	23.72	24.50
		50	25	23.86	23.61	23.82	24.50
		50	50	23.86	23.72	23.80	24.50
		100	0	23.79	23.82	23.72	24.50
16QAM	1	0	23.79	23.65	23.79	24.50	
	1	50	23.62	23.82	23.57	24.50	
	1	99	23.72	23.82	23.69	24.50	

		50	0	22.81	22.85	22.71	23.50
		50	25	22.76	22.68	22.80	23.50
		50	50	22.82	22.74	22.90	23.50
		100	0	22.73	22.63	22.75	23.50
	64QAM	1	0	22.72	22.69	22.83	23.50
		1	50	22.47	22.48	22.61	23.50
		1	99	22.58	22.51	22.65	23.50
		50	0	21.90	21.93	21.93	22.50
		50	25	21.82	21.89	21.79	22.50
		50	50	22.09	22.01	21.95	22.50
		100	0	22.06	22.11	22.03	22.50

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.61	24.71	24.60	24.69	24.73	25.50
		1	13	24.57	24.59	24.61	24.64	24.60	25.50
		1	24	24.57	24.57	24.54	24.56	24.64	25.50
		12	0	23.72	23.88	23.70	23.84	23.70	24.50
		12	6	23.86	23.60	23.83	23.66	23.77	24.50
		12	13	23.83	23.71	23.83	23.68	23.80	24.50
	16QAM	25	0	23.70	23.88	23.75	23.87	23.71	24.50
		1	0	23.76	23.61	23.76	23.70	23.79	24.50
		1	13	23.59	23.78	23.58	23.79	23.62	24.50
		1	24	23.70	23.82	23.69	23.81	23.67	24.50
		12	0	22.80	22.83	22.84	22.86	22.74	23.50
		12	6	22.79	22.70	22.73	22.73	22.81	23.50
	64QAM	12	13	22.80	22.76	22.77	22.80	22.89	23.50
		25	0	22.80	22.56	22.75	22.58	22.78	23.50
		1	0	22.69	22.66	22.75	22.68	22.78	23.50
		1	13	22.52	22.47	22.47	22.44	22.60	23.50
		1	24	22.64	22.51	22.60	22.49	22.64	23.50
		12	0	21.94	21.93	21.88	21.96	21.92	22.50
		12	6	21.76	21.83	21.80	21.86	21.79	22.50
		12	13	22.09	22.07	22.07	22.01	21.97	22.50
		25	0	22.02	22.08	22.06	22.09	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	39700	40160	40620	41080	41540			
		1	0	24.60	24.73	24.62	24.66	24.71	25.50
		1	25	24.56	24.68	24.59	24.60	24.63	25.50
		1	49	24.50	24.63	24.54	24.58	24.58	25.50
		25	0	23.69	23.84	23.76	23.88	23.69	24.50
		25	13	23.82	23.60	23.82	23.59	23.75	24.50
	16QAM	25	25	23.87	23.71	23.86	23.68	23.81	24.50
		50	0	23.79	23.87	23.71	23.89	23.75	24.50
		1	0	23.72	23.67	23.72	23.66	23.76	24.50
		1	25	23.62	23.77	23.60	23.77	23.60	24.50
		1	49	23.73	23.78	23.70	23.77	23.70	24.50
		25	0	22.80	22.92	22.83	22.89	22.69	23.50
		25	13	22.74	22.71	22.76	22.72	22.76	23.50
		25	25	22.79	22.76	22.74	22.77	22.86	23.50
	64QAM	50	0	22.78	22.58	22.75	22.56	22.71	23.50
		1	0	22.76	22.70	22.71	22.72	22.80	23.50

		1	25	22.45	22.49	22.52	22.52	22.57	23.50	
		1	49	22.59	22.54	22.62	22.58	22.67	23.50	
		25	0	21.87	21.94	21.95	21.94	21.95	22.50	
		25	13	21.79	21.86	21.74	21.86	21.88	22.50	
		25	25	22.08	22.09	22.06	22.08	21.95	22.50	
		50	0	22.06	22.04	22.08	22.10	21.99	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	24.57	24.67	24.58	24.73	24.71	25.50	
		1	38	24.61	24.62	24.63	24.64	24.61	25.50	
		1	74	24.57	24.60	24.53	24.61	24.58	25.50	
		36	0	23.68	23.89	23.68	23.84	23.75	24.50	
		36	18	23.82	23.61	23.87	23.66	23.81	24.50	
		36	39	23.85	23.66	23.84	23.70	23.74	24.50	
	16QAM	75	0	23.70	23.83	23.75	23.82	23.71	24.50	
		1	0	23.73	23.68	23.73	23.67	23.74	24.50	
		1	38	23.61	23.75	23.65	23.81	23.63	24.50	
		1	74	23.73	23.79	23.69	23.78	23.70	24.50	
		36	0	22.78	22.84	22.83	22.88	22.70	23.50	
		36	18	22.78	22.70	22.75	22.68	22.74	23.50	
	64QAM	36	39	22.77	22.78	22.77	22.78	22.91	23.50	
		75	0	22.77	22.61	22.81	22.59	22.77	23.50	
		1	0	22.70	22.69	22.70	22.73	22.81	23.50	
		1	38	22.52	22.51	22.50	22.44	22.59	23.50	
		1	74	22.58	22.58	22.65	22.53	22.67	23.50	
		36	0	21.87	22.00	21.87	21.94	21.93	22.50	
	20MHz	QPSK	36	18	21.75	21.83	21.74	21.87	21.87	22.50
			36	39	22.01	22.08	22.09	22.05	21.95	22.50
			75	0	22.02	22.06	22.03	22.03	22.04	22.50
			1	0	24.57	24.70	24.76	24.69	24.70	25.50
			1	50	24.62	24.68	24.57	24.65	24.62	25.50
			1	99	24.57	24.58	24.57	24.63	24.57	25.50
16QAM		50	0	23.72	23.88	23.89	23.86	23.73	24.50	
		50	25	23.78	23.64	23.87	23.60	23.76	24.50	
		50	50	23.84	23.67	23.86	23.73	23.79	24.50	
		100	0	23.76	23.87	23.97	23.82	23.77	24.50	
		1	0	23.70	23.69	23.73	23.64	23.74	24.50	
		1	50	23.62	23.81	23.62	23.82	23.57	24.50	
64QAM		1	99	23.74	23.77	23.69	23.85	23.72	24.50	
		50	0	22.81	22.86	22.84	22.86	22.71	23.50	
		50	25	22.76	22.76	22.72	22.74	22.79	23.50	
		50	50	22.79	22.79	22.78	22.74	22.91	23.50	
		100	0	22.77	22.60	22.78	22.63	22.72	23.50	
		1	0	22.67	22.64	22.72	22.72	22.84	23.50	
64QAM		1	50	22.51	22.46	22.47	22.53	22.62	23.50	
		1	99	22.60	22.56	22.60	22.50	22.65	23.50	
		50	0	21.94	21.92	21.91	21.99	21.91	22.50	
		50	25	21.75	21.88	21.77	21.87	21.79	22.50	
		50	50	22.10	22.08	22.09	22.02	21.96	22.50	
		100	0	22.04	22.09	22.04	22.07	22.05	22.50	

2 Conducted Power of Main Antenna(Ant1)

2.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.06	32.22	32.08	33.50	-9.19	22.87	23.03	22.89	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.12	32.08	32.12	33.50	-9.19	22.93	22.89	22.93	24.31
	2 TX Slots	29.54	29.59	29.65	31.50	-6.18	23.36	23.41	23.47	25.32
	3 TX Slots	27.67	27.81	27.65	29.50	-4.42	23.25	23.39	23.23	25.08
	4 TX Slots	26.08	26.12	26.07	28.00	-3.17	22.91	22.95	22.90	24.83
EGPRS(8PSK)	1 TX Slot	26.15	26.16	26.05	27.00	-9.19	16.96	16.97	16.86	17.81
	2 TX Slots	23.23	23.25	23.11	24.50	-6.18	17.05	17.07	16.93	18.32
	3 TX Slots	21.47	21.38	21.35	22.50	-4.42	17.05	16.96	16.93	18.08
	4 TX Slots	20.65	20.67	20.61	22.00	-3.17	17.48	17.50	17.44	18.83

2.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.34	24.38	24.31	25.00
	12.2kbps AMR	24.32	24.34	24.30	25.00
HSDPA	Subtest 1	23.04	23.06	23.09	24.00
	Subtest 2	23.02	23.14	23.18	24.00
	Subtest 3	22.55	22.57	22.67	23.50
	Subtest 4	22.57	22.48	22.60	23.50
HSUPA	Subtest 1	21.01	20.99	21.04	22.50
	Subtest 2	21.04	21.04	21.07	22.00
	Subtest 3	22.03	22.02	22.09	23.00
	Subtest 4	20.61	20.54	20.55	22.00
	Subtest 5	22.03	22.01	22.12	23.00
DC-HSDPA	Subtest 1	23.04	23.06	23.15	24.00
	Subtest 2	23.00	23.05	23.20	24.00
	Subtest 3	22.53	22.62	22.56	23.50
	Subtest 4	22.61	22.52	22.58	23.50
HSPA+	16QAM	20.99	21.05	21.11	22.00

2.3 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	24.58	24.69	24.69	25.70	
		1	2	24.58	24.68	24.66	25.70	
		1	5	24.51	24.63	24.58	25.70	
		3	0	23.67	23.85	23.73	24.70	
		3	2	23.79	23.68	23.80	24.70	
		3	3	23.88	23.72	23.74	24.70	
	16QAM	6	0	23.73	23.87	23.78	24.70	
		1	0	23.76	23.66	23.83	24.70	
		1	2	23.64	23.79	23.55	24.70	
		1	5	23.72	23.83	23.67	24.70	
		3	0	22.83	22.84	22.75	23.70	
		3	2	22.72	22.70	22.76	23.70	
	64QAM	3	3	22.82	22.79	22.90	23.70	
		6	0	22.75	22.56	22.74	23.70	
		1	0	22.73	22.73	22.80	23.70	
		1	2	22.52	22.50	22.64	23.70	
		1	5	22.63	22.55	22.69	23.70	
		3	0	22.69	22.72	22.85	23.70	
	3MHz	QPSK	3	2	22.49	22.49	22.59	23.70
			3	3	22.65	22.52	22.67	23.70
			6	0	22.08	22.11	22.00	22.70
1			0	24.58	24.72	24.67	25.70	
1			7	24.58	24.63	24.61	25.70	
1			14	24.52	24.54	24.56	25.70	
16QAM		8	0	23.73	23.89	23.74	24.70	
		8	4	23.80	23.62	23.81	24.70	
		8	7	23.85	23.69	23.80	24.70	
		15	0	23.78	23.86	23.71	24.70	
		1	0	23.71	23.63	23.81	24.70	
		1	7	23.58	23.75	23.55	24.70	
64QAM	1	14	23.72	23.84	23.67	24.70		
	8	0	22.83	22.86	22.70	23.70		
	8	4	22.78	22.73	22.80	23.70		
	8	7	22.77	22.76	22.88	23.70		
	15	0	22.77	22.63	22.75	23.70		
	1	0	22.75	22.65	22.78	23.70		
18615	QPSK	1	7	22.50	22.51	22.56	23.70	
		1	14	22.62	22.50	22.62	23.70	
		8	0	21.93	21.97	21.96	22.70	
		8	4	21.79	21.85	21.80	22.70	
		8	7	22.04	22.05	21.98	22.70	
		15	0	22.03	22.03	22.05	22.70	
18625	QPSK	1	0	24.58	24.72	24.67	25.70	
		1	7	24.58	24.63	24.61	25.70	
18625	16QAM	1	0	23.71	23.63	23.81	24.70	
		1	7	23.58	23.75	23.55	24.70	
18625	64QAM	1	14	23.72	23.84	23.67	24.70	
		8	0	22.83	22.86	22.70	23.70	
18625	QPSK	8	4	22.78	22.73	22.80	23.70	
		8	7	22.77	22.76	22.88	23.70	
18625	16QAM	15	0	22.77	22.63	22.75	23.70	
		1	0	22.75	22.65	22.78	23.70	
18625	64QAM	1	7	22.50	22.51	22.56	23.70	
		1	14	22.62	22.50	22.62	23.70	
18625	QPSK	8	0	21.93	21.97	21.96	22.70	
		8	4	21.79	21.85	21.80	22.70	
18625	16QAM	8	7	22.04	22.05	21.98	22.70	
		15	0	22.03	22.03	22.05	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		

5MHz	QPSK	1	0	24.64	24.71	24.69	25.70			
		1	13	24.62	24.65	24.64	25.70			
		1	24	24.56	24.55	24.58	25.70			
		12	0	23.73	23.87	23.68	24.70			
		12	6	23.83	23.65	23.77	24.70			
		12	13	23.81	23.67	23.78	24.70			
	16QAM	25	0	23.76	23.82	23.70	24.70			
		1	0	23.76	23.62	23.77	24.70			
		1	13	23.61	23.83	23.58	24.70			
		1	24	23.69	23.80	23.65	24.70			
		12	0	22.85	22.89	22.71	23.70			
		12	6	22.77	22.76	22.78	23.70			
	64QAM	12	13	22.77	22.77	22.94	23.70			
		25	0	22.73	22.56	22.72	23.70			
		1	0	22.75	22.72	22.77	23.70			
		1	13	22.49	22.48	22.57	23.70			
		1	24	22.63	22.52	22.63	23.70			
		12	0	21.89	21.98	21.95	22.70			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				18650	18900	19150				
				1	0	24.60		24.67	24.72	25.70
				1	25	24.65		24.66	24.62	25.70
				1	49	24.49		24.56	24.59	25.70
				25	0	23.73		23.85	23.68	24.70
10MHz	QPSK	25	13	23.84	23.67	23.78	24.70			
		25	25	23.85	23.73	23.75	24.70			
		50	0	23.73	23.83	23.73	24.70			
		1	0	23.75	23.65	23.79	24.70			
		1	25	23.61	23.82	23.54	24.70			
		1	49	23.73	23.82	23.73	24.70			
	16QAM	25	0	22.79	22.92	22.75	23.70			
		25	13	22.80	22.75	22.82	23.70			
		25	25	22.74	22.75	22.91	23.70			
		50	0	22.76	22.60	22.70	23.70			
		1	0	22.67	22.68	22.77	23.70			
		1	25	22.48	22.51	22.64	23.70			
	64QAM	1	49	22.61	22.55	22.66	23.70			
		25	0	21.89	21.94	21.96	22.70			
		25	13	21.76	21.87	21.83	22.70			
		25	25	22.04	22.04	21.96	22.70			
		50	0	22.06	22.03	21.99	22.70			
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
18675	18900					19125				
1	0					24.59	24.72	24.66		25.70
1	38					24.65	24.67	24.66		25.70
1	74					24.56	24.55	24.59		25.70
36	0					23.68	23.84	23.67		24.70
15MHz	QPSK	36	18	23.83	23.60	23.79	24.70			
		36	39	23.86	23.66	23.77	24.70			
		75	0	23.71	23.84	23.70	24.70			
		1	0	23.75	23.64	23.74	24.70			
		1	38	23.62	23.75	23.62	24.70			
		1	74	23.75	23.77	23.66	24.70			
	16QAM	1	0	23.75	23.64	23.74	24.70			
		1	38	23.62	23.75	23.62	24.70			

		36	0	22.79	22.92	22.76	23.70	
		36	18	22.75	22.74	22.80	23.70	
		36	39	22.81	22.73	22.86	23.70	
		75	0	22.74	22.60	22.72	23.70	
		64QAM	1	0	22.68	22.67	22.80	23.70
			1	38	22.47	22.44	22.65	23.70
			1	74	22.61	22.49	22.71	23.70
			36	0	21.88	21.98	21.96	22.70
			36	18	21.82	21.83	21.82	22.70
			36	39	22.09	22.10	21.99	22.70
75	0		22.09	22.04	22.05	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	24.61	24.75	24.67	25.70	
		1	50	24.64	24.65	24.59	25.70	
		1	99	24.55	24.58	24.57	25.70	
		50	0	23.70	23.95	23.76	24.70	
		50	25	23.81	23.65	23.74	24.70	
		50	50	23.88	23.67	23.81	24.70	
		100	0	23.73	23.82	23.77	24.70	
	16QAM	1	0	23.72	23.65	23.78	24.70	
		1	50	23.57	23.76	23.59	24.70	
		1	99	23.74	23.84	23.67	24.70	
		50	0	22.81	22.89	22.69	23.70	
		50	25	22.78	22.71	22.75	23.70	
		50	50	22.81	22.72	22.89	23.70	
		100	0	22.78	22.61	22.72	23.70	
	64QAM	1	0	22.73	22.71	22.80	23.70	
		1	50	22.47	22.49	22.59	23.70	
		1	99	22.65	22.58	22.64	23.70	
		50	0	21.92	22.00	21.97	22.70	
		50	25	21.75	21.90	21.84	22.70	
		50	50	22.04	22.05	21.99	22.70	
		100	0	22.08	22.09	22.00	22.70	

LTE Band 2 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	14.99	15.04	15.00	15.70
		1	2	14.88	15.00	14.99	15.70
		1	5	14.96	15.01	14.92	15.70
		3	0	15.04	15.02	14.97	15.70
		3	2	14.96	15.01	14.97	15.70
		3	3	15.00	14.97	14.97	15.70
		6	0	15.03	14.89	14.88	15.70
	16QAM	1	0	14.99	14.91	14.95	15.70
		1	2	14.95	14.93	14.96	15.70
		1	5	15.00	14.89	14.98	15.70
		3	0	15.01	15.01	14.86	15.70
		3	2	14.97	14.97	14.95	15.70
		3	3	14.99	15.00	14.94	15.70
		6	0	14.97	14.92	14.96	15.70

		1	0	14.95	15.01	14.88	15.70	
		1	2	14.91	14.91	14.93	15.70	
		1	5	15.00	14.96	14.91	15.70	
	64QAM	3	0	15.01	14.94	14.94	15.70	
		3	2	14.95	14.95	14.89	15.70	
		3	3	14.92	14.94	14.94	15.70	
		6	0	14.91	15.00	14.93	15.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	14.96	15.04	15.00	15.70	
		1	7	14.88	14.92	14.90	15.70	
		1	14	14.99	15.01	14.94	15.70	
		8	0	14.95	14.96	14.97	15.70	
		8	4	14.94	15.01	14.90	15.70	
		8	7	14.94	15.01	15.04	15.70	
		15	0	15.04	14.90	14.93	15.70	
	16QAM	1	0	14.98	14.87	15.01	15.70	
		1	7	14.97	15.00	14.97	15.70	
		1	14	15.02	14.90	14.94	15.70	
		8	0	14.98	15.03	14.86	15.70	
		8	4	14.96	14.97	14.92	15.70	
		8	7	14.99	15.03	14.94	15.70	
		15	0	15.01	14.94	15.04	15.70	
	64QAM	1	0	14.96	14.95	14.93	15.70	
		1	7	14.98	14.94	14.89	15.70	
		1	14	15.00	14.98	14.93	15.70	
		8	0	14.95	14.95	14.94	15.70	
		8	4	14.98	14.93	14.87	15.70	
		8	7	14.93	14.91	14.93	15.70	
		15	0	14.89	15.01	14.99	15.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	15.00	15.08	15.03	15.70
1			13	14.91	14.98	14.95	15.70	
1			24	15.01	15.01	14.91	15.70	
12			0	14.96	14.95	15.03	15.70	
12			6	14.89	15.00	14.90	15.70	
12			13	15.01	14.98	14.99	15.70	
25			0	15.00	14.93	14.87	15.70	
16QAM		1	0	14.98	14.92	14.95	15.70	
		1	13	14.97	14.93	14.98	15.70	
		1	24	14.94	14.92	14.90	15.70	
		12	0	15.00	14.99	14.87	15.70	
		12	6	14.97	14.94	14.90	15.70	
		12	13	14.99	14.99	14.93	15.70	
		25	0	14.99	14.97	15.01	15.70	
64QAM		1	0	15.00	14.95	14.92	15.70	
		1	13	14.96	14.96	14.90	15.70	
		1	24	15.00	14.98	14.94	15.70	
		12	0	14.99	14.93	14.88	15.70	
		12	6	15.00	14.94	14.91	15.70	
		12	13	14.98	14.93	14.90	15.70	
		25	0	14.93	14.99	14.95	15.70	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18650	18900	19150	
10MHz	QPSK	1	0	15.01	15.03	14.98	15.70
		1	25	14.87	14.98	14.96	15.70
		1	49	15.02	14.97	14.91	15.70
		25	0	14.98	14.99	14.98	15.70
		25	13	14.95	14.95	14.91	15.70
		25	25	14.96	15.00	14.95	15.70
		50	0	15.03	14.93	14.92	15.70
	16QAM	1	0	14.98	14.92	15.04	15.70
		1	25	15.00	14.93	14.99	15.70
		1	49	14.97	14.91	14.95	15.70
		25	0	15.01	14.95	14.87	15.70
		25	13	15.00	15.02	14.94	15.70
		25	25	14.95	14.95	14.99	15.70
		50	0	15.01	14.98	15.03	15.70
	64QAM	1	0	15.01	15.00	14.92	15.70
		1	25	14.92	14.93	14.96	15.70
		1	49	15.00	14.94	14.96	15.70
		25	0	15.01	14.92	14.90	15.70
		25	13	14.96	14.95	14.92	15.70
		25	25	14.96	14.87	14.87	15.70
		50	0	14.90	14.99	14.98	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	14.95	15.05	14.97	15.70
		1	38	14.89	14.96	14.96	15.70
		1	74	15.00	15.02	14.96	15.70
		36	0	15.04	14.98	15.03	15.70
		36	18	14.87	15.01	14.96	15.70
		36	39	14.94	14.99	15.03	15.70
		75	0	14.99	14.87	14.90	15.70
	16QAM	1	0	14.96	14.92	14.99	15.70
		1	38	14.94	14.93	14.98	15.70
		1	74	14.96	14.91	14.98	15.70
		36	0	14.96	14.99	14.91	15.70
		36	18	14.95	14.99	14.89	15.70
		36	39	14.94	14.96	14.96	15.70
		75	0	15.00	14.98	14.98	15.70
	64QAM	1	0	14.96	14.96	14.92	15.70
		1	38	14.90	14.97	14.96	15.70
		1	74	14.96	14.94	14.92	15.70
		36	0	15.00	14.91	14.94	15.70
		36	18	14.97	14.94	14.92	15.70
		36	39	14.97	14.94	14.88	15.70
		75	0	14.89	15.01	14.91	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.98	15.13	15.00	15.70
		1	50	14.92	14.99	14.91	15.70
		1	99	15.03	15.02	14.96	15.70
		50	0	14.99	15.09	15.04	15.70
		50	25	14.87	14.94	14.94	15.70
		50	50	14.93	14.99	14.96	15.70
		100	0	15.04	14.94	14.94	15.70
	16QAM	1	0	15.04	14.88	15.03	15.70
		1	50	14.97	15.00	14.99	15.70

		1	99	14.93	14.93	14.92	15.70
		50	0	14.97	14.96	14.90	15.70
		50	25	14.94	14.98	14.89	15.70
		50	50	14.96	14.97	14.95	15.70
		100	0	15.00	14.93	15.04	15.70
	64QAM	1	0	14.94	14.96	14.94	15.70
		1	50	14.92	14.95	14.96	15.70
		1	99	14.96	14.92	14.89	15.70
		50	0	14.96	14.94	14.91	15.70
		50	25	14.93	14.91	14.89	15.70
		50	50	14.94	14.93	14.90	15.70
		100	0	14.92	15.00	14.96	15.70

LTE Band 2 Sensor On				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	20.38	20.46	20.39	21.20	
		1	2	20.48	20.40	20.45	21.20	
		1	5	20.43	20.38	20.39	21.20	
		3	0	20.40	20.40	20.42	21.20	
		3	2	20.45	20.48	20.45	21.20	
		3	3	20.39	20.38	20.45	21.20	
	16QAM	6	0	20.47	20.44	20.38	21.20	
		1	0	20.48	20.39	20.49	21.20	
		1	2	20.46	20.41	20.47	21.20	
		1	5	20.48	20.40	20.46	21.20	
		3	0	20.42	20.46	20.42	21.20	
		3	2	20.48	20.42	20.42	21.20	
	64QAM	3	3	20.45	20.40	20.41	21.20	
		6	0	20.42	20.42	20.45	21.20	
		1	0	20.45	20.48	20.46	21.20	
		1	2	20.44	20.45	20.47	21.20	
		1	5	20.46	20.43	20.40	21.20	
		3	0	20.46	20.49	20.46	21.20	
	3MHz	QPSK	3	2	20.40	20.45	20.47	21.20
			3	3	20.40	20.41	20.46	21.20
			6	0	20.47	20.40	20.44	21.20
1			0	20.45	20.48	20.48	21.20	
1			7	20.47	20.45	20.39	21.20	
1			14	20.43	20.39	20.39	21.20	
16QAM		8	0	20.38	20.42	20.43	21.20	
		8	4	20.46	20.42	20.44	21.20	
		8	7	20.44	20.47	20.46	21.20	
		15	0	20.48	20.39	20.39	21.20	
	16QAM	1	0	20.48	20.42	20.44	21.20	
		1	7	20.45	20.41	20.40	21.20	
		1	14	20.43	20.43	20.38	21.20	
		8	0	20.41	20.45	20.46	21.20	
		8	4	20.38	20.48	20.41	21.20	

		8	7	20.41	20.44	20.40	21.20
		15	0	20.39	20.41	20.46	21.20
	64QAM	1	0	20.48	20.41	20.47	21.20
		1	7	20.40	20.45	20.42	21.20
		1	14	20.44	20.47	20.39	21.20
		8	0	20.45	20.43	20.47	21.20
		8	4	20.40	20.46	20.43	21.20
		8	7	20.40	20.48	20.40	21.20
		15	0	20.47	20.39	20.41	21.20
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
	18625				18900	19175	
5MHz	QPSK	1	0	20.40	20.43	20.46	21.20
		1	13	20.44	20.48	20.46	21.20
		1	24	20.40	20.49	20.45	21.20
		12	0	20.42	20.44	20.39	21.20
		12	6	20.40	20.43	20.42	21.20
		12	13	20.46	20.40	20.48	21.20
		25	0	20.44	20.42	20.45	21.20
	16QAM	1	0	20.46	20.44	20.47	21.20
		1	13	20.43	20.42	20.46	21.20
		1	24	20.49	20.46	20.43	21.20
		12	0	20.42	20.41	20.48	21.20
		12	6	20.39	20.45	20.48	21.20
		12	13	20.42	20.48	20.44	21.20
		25	0	20.43	20.39	20.42	21.20
	64QAM	1	0	20.40	20.44	20.38	21.20
		1	13	20.42	20.43	20.43	21.20
		1	24	20.41	20.39	20.39	21.20
		12	0	20.48	20.41	20.41	21.20
		12	6	20.43	20.41	20.42	21.20
		12	13	20.48	20.44	20.42	21.20
		25	0	20.48	20.42	20.47	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.49	20.46	20.41	21.20
		1	25	20.46	20.43	20.41	21.20
		1	49	20.46	20.41	20.47	21.20
		25	0	20.44	20.45	20.44	21.20
		25	13	20.43	20.39	20.48	21.20
		25	25	20.42	20.46	20.43	21.20
		50	0	20.45	20.38	20.45	21.20
	16QAM	1	0	20.45	20.48	20.45	21.20
		1	25	20.47	20.48	20.40	21.20
		1	49	20.42	20.41	20.40	21.20
		25	0	20.42	20.40	20.45	21.20
		25	13	20.45	20.41	20.48	21.20
		25	25	20.46	20.43	20.45	21.20
		50	0	20.48	20.42	20.40	21.20
	64QAM	1	0	20.43	20.39	20.45	21.20
		1	25	20.49	20.44	20.44	21.20
		1	49	20.41	20.45	20.47	21.20
		25	0	20.45	20.46	20.39	21.20
		25	13	20.48	20.43	20.48	21.20
		25	25	20.40	20.39	20.49	21.20
		50	0	20.41	20.43	20.40	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.43	20.42	20.48	21.20
		1	38	20.40	20.38	20.46	21.20
		1	74	20.45	20.46	20.48	21.20
		36	0	20.46	20.42	20.47	21.20
		36	18	20.44	20.39	20.41	21.20
		36	39	20.40	20.40	20.46	21.20
		75	0	20.41	20.44	20.39	21.20
	16QAM	1	0	20.47	20.39	20.42	21.20
		1	38	20.48	20.45	20.41	21.20
		1	74	20.45	20.46	20.44	21.20
		36	0	20.41	20.39	20.42	21.20
		36	18	20.49	20.44	20.39	21.20
		36	39	20.41	20.41	20.44	21.20
		75	0	20.44	20.44	20.41	21.20
	64QAM	1	0	20.40	20.42	20.48	21.20
		1	38	20.48	20.45	20.38	21.20
		1	74	20.45	20.40	20.46	21.20
		36	0	20.45	20.41	20.41	21.20
		36	18	20.41	20.44	20.47	21.20
		36	39	20.40	20.43	20.38	21.20
		75	0	20.46	20.48	20.48	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.40	20.53	20.45	21.20
		1	50	20.41	20.42	20.40	21.20
		1	99	20.40	20.51	20.48	21.20
		50	0	20.43	20.39	20.38	21.20
		50	25	20.45	20.40	20.40	21.20
		50	50	20.44	20.47	20.46	21.20
		100	0	20.40	20.46	20.42	21.20
	16QAM	1	0	20.47	20.43	20.46	21.20
		1	50	20.43	20.48	20.46	21.20
		1	99	20.41	20.38	20.47	21.20
		50	0	20.40	20.39	20.40	21.20
		50	25	20.42	20.40	20.47	21.20
		50	50	20.47	20.45	20.48	21.20
		100	0	20.45	20.43	20.40	21.20
	64QAM	1	0	20.44	20.44	20.39	21.20
		1	50	20.40	20.48	20.41	21.20
		1	99	20.48	20.40	20.43	21.20
		50	0	20.43	20.39	20.43	21.20
		50	25	20.42	20.48	20.39	21.20
		50	50	20.43	20.38	20.44	21.20
		100	0	20.39	20.45	20.43	21.20

LTE Band 2 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.71	21.82	21.75	22.70
		1	2	21.72	21.76	21.68	22.70

		1	5	21.61	21.64	21.70	22.70
		3	0	20.84	21.03	20.87	21.70
		3	2	20.93	20.75	20.82	21.70
		3	3	20.97	20.74	20.88	21.70
		6	0	20.86	20.95	20.84	21.70
	16QAM	1	0	20.84	20.77	20.91	21.70
		1	2	20.67	20.84	20.74	21.70
		1	5	20.87	20.94	20.81	21.70
		3	0	19.89	20.03	19.75	20.70
		3	2	19.92	19.79	19.84	20.70
		3	3	19.88	19.86	19.96	20.70
		6	0	19.90	19.69	19.84	20.70
	64QAM	1	0	19.80	19.81	19.91	20.70
		1	2	19.56	19.56	19.68	20.70
		1	5	19.80	19.68	19.74	20.70
		3	0	19.81	19.86	19.89	20.70
		3	2	19.61	19.61	19.72	20.70
		3	3	19.77	19.69	19.73	20.70
		6	0	19.23	19.20	19.12	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	21.75	21.87	21.81	22.70
		1	7	21.73	21.79	21.67	22.70
		1	14	21.64	21.66	21.69	22.70
		8	0	20.77	21.01	20.90	21.70
		8	4	20.95	20.72	20.82	21.70
		8	7	20.97	20.79	20.94	21.70
		15	0	20.88	20.95	20.89	21.70
	16QAM	1	0	20.84	20.77	20.84	21.70
		1	7	20.71	20.86	20.68	21.70
		1	14	20.80	20.91	20.76	21.70
		8	0	19.88	19.99	19.76	20.70
		8	4	19.86	19.77	19.83	20.70
		8	7	19.90	19.83	19.98	20.70
		15	0	19.91	19.70	19.84	20.70
	64QAM	1	0	19.82	19.84	19.93	20.70
		1	7	19.58	19.64	19.73	20.70
		1	14	19.78	19.71	19.75	20.70
		8	0	19.00	19.13	19.06	19.70
		8	4	18.86	19.02	18.98	19.70
		8	7	19.16	19.19	19.12	19.70
15		0	19.19	19.22	19.10	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.74	21.89	21.81	22.70
		1	13	21.77	21.79	21.72	22.70
		1	24	21.62	21.67	21.65	22.70
		12	0	20.81	21.07	20.84	21.70
		12	6	20.87	20.79	20.88	21.70
		12	13	20.98	20.80	20.93	21.70
		25	0	20.81	20.97	20.84	21.70
	16QAM	1	0	20.85	20.72	20.89	21.70
		1	13	20.66	20.83	20.66	21.70
		1	24	20.87	20.97	20.78	21.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	64QAM	12	0	19.96	20.03	19.82	20.70
		12	6	19.90	19.82	19.83	20.70
		12	13	19.94	19.79	19.99	20.70
		25	0	19.87	19.70	19.80	20.70
		1	0	19.88	19.80	19.91	20.70
		1	13	19.55	19.59	19.72	20.70
		1	24	19.79	19.69	19.77	20.70
		12	0	19.07	19.14	19.08	19.70
	QPSK	12	6	18.84	19.01	18.97	19.70
		12	13	19.14	19.14	19.07	19.70
		25	0	19.20	19.16	19.10	19.70
		1	0	21.71	21.88	21.77	22.70
		1	25	21.79	21.72	21.68	22.70
		1	49	21.68	21.67	21.72	22.70
		25	0	20.80	21.09	20.90	21.70
		25	13	20.93	20.75	20.85	21.70
16QAM	25	25	20.99	20.73	20.89	21.70	
	50	0	20.82	20.90	20.88	21.70	
	1	0	20.78	20.71	20.87	21.70	
	1	25	20.64	20.89	20.72	21.70	
	1	49	20.85	20.96	20.78	21.70	
	25	0	19.92	20.03	19.81	20.70	
	25	13	19.90	19.80	19.83	20.70	
	25	25	19.90	19.82	20.00	20.70	
64QAM	50	0	19.86	19.74	19.85	20.70	
	1	0	19.82	19.80	19.88	20.70	
	1	25	19.53	19.63	19.71	20.70	
	1	49	19.75	19.64	19.74	20.70	
	25	0	19.05	19.14	19.06	19.70	
	25	13	18.87	19.02	18.93	19.70	
	25	25	19.10	19.16	19.13	19.70	
	50	0	19.15	19.16	19.08	19.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	18675	18900	19125	18675	18900	19125
		1	0	21.73	21.86	21.76	22.70
		1	38	21.74	21.72	21.74	22.70
		1	74	21.69	21.65	21.64	22.70
		36	0	20.82	21.08	20.87	21.70
		36	18	20.89	20.80	20.83	21.70
		36	39	21.02	20.77	20.95	21.70
		75	0	20.80	20.93	20.86	21.70
	16QAM	1	0	20.80	20.78	20.85	21.70
		1	38	20.65	20.89	20.72	21.70
		1	74	20.88	20.92	20.82	21.70
		36	0	19.92	20.04	19.83	20.70
		36	18	19.92	19.78	19.81	20.70
		36	39	19.91	19.86	20.00	20.70
		75	0	19.91	19.70	19.79	20.70
		64QAM	1	0	19.81	19.78	19.89
	1		38	19.57	19.62	19.66	20.70
	1		74	19.77	19.67	19.79	20.70
	36		0	19.01	19.07	19.09	19.70
	36		18	18.87	19.02	18.96	19.70
	36		39	19.15	19.13	19.13	19.70

Bandwidth	Modulation	75	0	19.21	19.18	19.09	19.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	18700	18900	19100	22.70
		1	50	21.72	21.93	21.79	22.70
		1	99	21.75	21.78	21.67	22.70
		1	99	21.62	21.66	21.69	22.70
		50	0	20.79	21.05	20.84	21.70
		50	25	20.92	20.73	20.85	21.70
		50	50	21.02	20.78	20.95	21.70
	16QAM	100	0	20.87	20.92	20.92	21.70
		1	0	20.79	20.80	20.89	21.70
		1	50	20.66	20.86	20.72	21.70
		1	99	20.81	20.97	20.78	21.70
		50	0	19.87	20.00	19.75	20.70
		50	25	19.88	19.86	19.83	20.70
		50	50	19.88	19.84	19.97	20.70
	64QAM	100	0	19.85	19.67	19.82	20.70
		1	0	19.87	19.83	19.93	20.70
		1	50	19.56	19.63	19.74	20.70
		1	99	19.73	19.66	19.78	20.70
		50	0	19.05	19.07	19.10	19.70
		50	25	18.81	18.99	18.91	19.70
		50	50	19.13	19.19	19.10	19.70
		100	0	19.19	19.19	19.09	19.70

LTE Band 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	23.83	23.85	23.90	25.00	
		1	2	23.84	23.82	23.79	25.00	
		1	5	23.74	23.80	23.82	25.00	
		3	0	22.87	23.06	22.95	24.00	
		3	2	23.07	22.88	22.97	24.00	
		3	3	23.02	22.86	22.95	24.00	
		6	0	22.93	23.04	22.92	24.00	
	16QAM	1	0	22.99	22.81	23.01	24.00	
		1	2	22.80	22.98	22.74	24.00	
		1	5	22.95	23.03	22.90	24.00	
		3	0	22.01	22.05	21.95	23.00	
		3	2	21.92	21.93	21.99	23.00	
		3	3	21.97	21.94	22.12	23.00	
		6	0	21.97	21.79	21.91	23.00	
	64QAM	1	0	21.90	21.89	21.97	23.00	
		1	2	21.68	21.68	21.84	23.00	
		1	5	21.82	21.74	21.89	23.00	
		3	0	21.91	21.87	21.96	23.00	
		3	2	21.69	21.69	21.82	23.00	
		3	3	21.80	21.69	21.86	23.00	
		6	0	21.23	21.28	21.18	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	

3MHz	QPSK	1	0	23.79	23.87	23.88	25.00			
		1	7	23.82	23.85	23.85	25.00			
		1	14	23.77	23.81	23.83	25.00			
		8	0	22.91	23.04	22.95	24.00			
		8	4	23.05	22.84	22.95	24.00			
		8	7	23.03	22.89	22.95	24.00			
	16QAM	15	0	22.96	23.09	22.99	24.00			
		1	0	22.92	22.89	23.02	24.00			
		1	7	22.82	23.00	22.78	24.00			
		1	14	22.90	22.99	22.85	24.00			
		8	0	22.03	22.05	21.92	23.00			
		8	4	21.99	21.89	21.98	23.00			
	64QAM	8	7	21.98	22.01	22.08	23.00			
		15	0	21.97	21.83	21.91	23.00			
		1	0	21.90	21.86	22.01	23.00			
		1	7	21.67	21.67	21.80	23.00			
		1	14	21.86	21.77	21.88	23.00			
		8	0	21.09	21.14	21.14	23.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				19975	20175	20375				
				8	7	21.28		21.28	21.18	22.00
				1	0	23.81		23.90	23.87	25.00
				1	13	23.82		23.80	23.86	25.00
				1	24	23.72		23.80	23.80	25.00
5MHz	QPSK	12	0	22.91	23.09	22.88	24.00			
		12	6	23.01	22.88	23.02	24.00			
		12	13	23.06	22.87	22.94	24.00			
		25	0	22.93	23.10	22.95	24.00			
		1	0	22.91	22.88	22.99	24.00			
		1	13	22.84	23.00	22.78	24.00			
	16QAM	1	24	22.89	22.97	22.87	24.00			
		12	0	21.99	22.03	21.87	23.00			
		12	6	21.93	21.92	22.01	23.00			
		12	13	22.02	21.94	22.11	23.00			
		25	0	21.99	21.83	21.95	23.00			
		1	0	21.88	21.87	21.96	23.00			
	64QAM	1	13	21.69	21.64	21.85	23.00			
		1	24	21.80	21.75	21.83	23.00			
		12	0	21.14	21.12	21.11	23.00			
		12	6	21.02	21.06	21.05	23.00			
		12	13	21.23	21.26	21.14	23.00			
		25	0	21.25	21.27	21.25	22.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20000	20175	20350				
				1	0	23.78		23.91	23.88	25.00
10MHz	QPSK	1	25	23.79	23.87	23.87	25.00			
		1	49	23.70	23.78	23.78	25.00			
		25	0	22.91	23.06	22.91	24.00			
		25	13	23.01	22.79	23.03	24.00			
		25	25	23.06	22.86	23.00	24.00			
		50	0	22.97	23.08	22.91	24.00			
	16QAM	1	0	22.91	22.87	23.01	24.00			
		1	25	22.76	23.02	22.77	24.00			

		1	49	22.92	23.02	22.90	24.00		
		25	0	22.01	22.08	21.89	23.00		
		25	13	21.91	21.93	21.93	23.00		
		25	25	22.02	22.00	22.13	23.00		
		50	0	21.93	21.78	21.98	23.00		
		64QAM	1	0	21.88	21.90	22.04	23.00	
			1	25	21.67	21.71	21.82	23.00	
			1	49	21.80	21.72	21.88	23.00	
			25	0	21.08	21.14	21.18	23.00	
			25	13	21.00	21.05	21.07	23.00	
			25	25	21.22	21.24	21.13	23.00	
			50	0	21.25	21.23	21.22	22.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20025	20175	20325	
15MHz	QPSK	1	0	23.81	23.93	23.92	25.00		
		1	38	23.82	23.80	23.87	25.00		
		1	74	23.73	23.79	23.78	25.00		
		36	0	22.90	23.03	22.96	24.00		
		36	18	23.03	22.83	23.01	24.00		
		36	39	23.03	22.92	22.98	24.00		
		75	0	22.92	23.06	22.95	24.00		
	16QAM	1	0	22.93	22.86	22.97	24.00		
		1	38	22.78	23.03	22.74	24.00		
		1	74	22.95	22.97	22.89	24.00		
		36	0	21.99	22.10	21.93	23.00		
		36	18	21.99	21.95	22.02	23.00		
		36	39	22.01	21.94	22.09	23.00		
		75	0	21.98	21.79	21.93	23.00		
	64QAM	1	0	21.88	21.89	21.97	23.00		
		1	38	21.69	21.69	21.79	23.00		
		1	74	21.78	21.75	21.83	23.00		
		36	0	21.07	21.15	21.14	23.00		
		36	18	21.03	21.11	21.08	23.00		
		36	39	21.26	21.23	21.18	23.00		
		75	0	21.24	21.25	21.26	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	QPSK	1	0	23.77	23.94	23.88	25.00		
		1	50	23.77	23.84	23.84	25.00		
		1	99	23.74	23.82	23.83	25.00		
		50	0	22.94	23.09	22.93	24.00		
		50	25	23.04	22.80	23.02	24.00		
		50	50	23.05	22.94	22.98	24.00		
	16QAM	100	0	22.99	23.05	22.96	24.00		
		1	0	22.93	22.87	23.00	24.00		
		1	50	22.81	22.95	22.80	24.00		
		1	99	22.92	23.03	22.91	24.00		
		50	0	22.01	22.05	21.88	23.00		
		50	25	21.97	21.93	22.00	23.00		
	64QAM	50	50	21.98	21.98	22.09	23.00		
		100	0	21.97	21.77	21.93	23.00		
		1	0	21.88	21.90	21.99	23.00		
		1	50	21.73	21.64	21.80	23.00		
		1	99	21.85	21.70	21.85	23.00		
		50	0	21.10	21.15	21.16	23.00		
50	25	21.00	21.05	21.04	23.00				

		50	50	21.23	21.25	21.11	23.00
		100	0	21.24	21.30	21.22	22.00

LTE Band 4 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.25	18.22	18.21	19.10
		1	2	18.26	18.25	18.25	19.10
		1	5	18.18	18.26	18.25	19.10
		3	0	18.23	18.23	18.21	19.10
		3	2	18.19	18.27	18.20	19.10
		3	3	18.27	18.24	18.25	19.10
	16QAM	6	0	18.20	18.22	18.22	19.10
		1	0	18.26	18.22	18.25	19.10
		1	2	18.20	18.23	18.22	19.10
		1	5	18.19	18.26	18.23	19.10
		3	0	18.18	18.18	18.24	19.10
		3	2	18.21	18.20	18.22	19.10
	64QAM	3	3	18.24	18.19	18.19	19.10
		6	0	18.25	18.22	18.20	19.10
		1	0	18.21	18.21	18.22	19.10
		1	2	18.22	18.21	18.26	19.10
		1	5	18.26	18.18	18.25	19.10
		3	0	18.20	18.24	18.21	19.10
3MHz	QPSK	3	2	18.24	18.19	18.24	19.10
		3	3	18.24	18.23	18.21	19.10
		6	0	18.25	18.19	18.18	19.10
		1	0	18.23	18.25	18.20	19.10
		1	7	18.19	18.18	18.25	19.10
		1	14	18.24	18.24	18.26	19.10
	16QAM	8	0	18.23	18.23	18.19	19.10
		8	4	18.21	18.18	18.21	19.10
		8	7	18.23	18.20	18.20	19.10
		15	0	18.22	18.23	18.24	19.10
		1	0	18.23	18.19	18.22	19.10
		1	7	18.27	18.20	18.22	19.10
	64QAM	1	14	18.20	18.20	18.21	19.10
		8	0	18.26	18.24	18.22	19.10
		8	4	18.24	18.26	18.19	19.10
		8	7	18.26	18.26	18.20	19.10
		15	0	18.24	18.22	18.23	19.10
		1	0	18.24	18.21	18.22	19.10
64QAM	1	7	18.23	18.22	18.21	19.10	
	1	14	18.18	18.19	18.22	19.10	
	8	0	18.22	18.24	18.24	19.10	
	8	4	18.20	18.20	18.22	19.10	
	8	7	18.21	18.23	18.20	19.10	
	15	0	18.26	18.19	18.26	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	

				19975	20175	20375	
5MHz	QPSK	1	0	18.24	18.26	18.21	19.10
		1	13	18.21	18.21	18.19	19.10
		1	24	18.25	18.24	18.24	19.10
		12	0	18.19	18.18	18.25	19.10
		12	6	18.18	18.21	18.19	19.10
		12	13	18.20	18.22	18.27	19.10
	16QAM	25	0	18.27	18.21	18.26	19.10
		1	0	18.24	18.21	18.19	19.10
		1	13	18.26	18.22	18.27	19.10
		1	24	18.21	18.19	18.19	19.10
		12	0	18.24	18.24	18.19	19.10
		12	6	18.24	18.26	18.25	19.10
	64QAM	12	13	18.27	18.23	18.27	19.10
		25	0	18.19	18.27	18.21	19.10
		1	0	18.24	18.21	18.21	19.10
		1	13	18.25	18.19	18.20	19.10
		1	24	18.20	18.21	18.23	19.10
		12	0	18.27	18.24	18.21	19.10
10MHz	QPSK	12	6	18.25	18.18	18.21	19.10
		12	13	18.21	18.19	18.27	19.10
		25	0	18.19	18.19	18.19	19.10
		1	0	18.18	18.25	18.18	19.10
		1	25	18.27	18.23	18.24	19.10
		1	49	18.20	18.24	18.20	19.10
	16QAM	25	0	18.19	18.25	18.18	19.10
		25	13	18.21	18.22	18.20	19.10
		25	25	18.24	18.27	18.26	19.10
		50	0	18.20	18.23	18.19	19.10
		1	0	18.27	18.19	18.20	19.10
		1	25	18.21	18.18	18.23	19.10
64QAM	1	49	18.26	18.21	18.21	19.10	
	25	0	18.18	18.21	18.20	19.10	
	25	13	18.22	18.25	18.19	19.10	
	25	25	18.20	18.20	18.18	19.10	
	50	0	18.24	18.27	18.25	19.10	
	1	0	18.19	18.22	18.18	19.10	
15MHz	QPSK	1	25	18.22	18.22	18.20	19.10
		1	49	18.24	18.26	18.23	19.10
		25	0	18.27	18.20	18.20	19.10
		25	13	18.21	18.26	18.26	19.10
		25	25	18.21	18.26	18.22	19.10
		50	0	18.18	18.21	18.26	19.10
		1	0	18.25	18.23	18.26	19.10
	16QAM	1	38	18.23	18.23	18.22	19.10
		1	74	18.20	18.24	18.21	19.10
		36	0	18.24	18.23	18.20	19.10
		36	18	18.21	18.24	18.23	19.10
		36	39	18.21	18.24	18.26	19.10
	75	0	18.21	18.21	18.20	19.10	
	1	0	18.20	18.21	18.20	19.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
				20025	20175	20325	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	1	38	18.20	18.23	18.19	19.10	
		1	74	18.25	18.26	18.23	19.10	
		36	0	18.18	18.22	18.25	19.10	
		36	18	18.19	18.19	18.19	19.10	
		36	39	18.22	18.25	18.24	19.10	
		75	0	18.21	18.27	18.26	19.10	
		1	0	18.25	18.23	18.20	19.10	
		1	38	18.26	18.21	18.25	19.10	
		1	74	18.24	18.19	18.25	19.10	
		36	0	18.20	18.26	18.18	19.10	
		36	18	18.21	18.21	18.25	19.10	
		36	39	18.20	18.23	18.26	19.10	
	75	0	18.27	18.25	18.25	19.10		
	QPSK	1	0	18.23	18.29	18.20	19.10	
		1	50	18.22	18.21	18.24	19.10	
		1	99	18.18	18.28	18.20	19.10	
		50	0	18.20	18.18	18.26	19.10	
		50	25	18.27	18.27	18.20	19.10	
		50	50	18.21	18.19	18.19	19.10	
		100	0	18.20	18.20	18.27	19.10	
		16QAM	1	0	18.22	18.19	18.23	19.10
			1	50	18.25	18.23	18.23	19.10
			1	99	18.20	18.19	18.25	19.10
			50	0	18.22	18.25	18.21	19.10
50			25	18.18	18.18	18.26	19.10	
50	50		18.21	18.21	18.26	19.10		
64QAM	100	0	18.23	18.25	18.25	19.10		
	1	0	18.26	18.22	18.25	19.10		
	1	50	18.26	18.23	18.25	19.10		
	1	99	18.22	18.26	18.27	19.10		
	50	0	18.20	18.23	18.20	19.10		
	50	25	18.22	18.18	18.20	19.10		
50	50	18.24	18.23	18.19	19.10			
100	0	18.18	18.25	18.25	19.10			

LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.23	21.21	21.20	22.10
		1	2	21.17	21.24	21.19	22.10
		1	5	21.21	21.22	21.20	22.10
		3	0	21.22	21.17	21.17	22.10
		3	2	21.21	21.21	21.21	22.10
		3	3	21.21	21.21	21.23	22.10
	16QAM	6	0	21.23	21.18	21.21	22.10
		1	0	21.24	21.24	21.20	22.10
		1	2	21.24	21.18	21.24	22.10
		1	5	21.17	21.18	21.19	22.10
		3	0	21.24	21.20	21.24	22.10
		3	2	21.21	21.18	21.25	22.10

		3	3	21.16	21.20	21.23	22.10
		6	0	21.18	21.22	21.21	22.10
	64QAM	1	0	21.24	21.17	21.19	22.10
		1	2	21.19	21.22	21.17	22.10
		1	5	21.24	21.18	21.19	22.10
		3	0	21.18	21.19	21.19	22.10
		3	2	21.24	21.21	21.17	22.10
		3	3	21.17	21.23	21.19	22.10
		6	0	21.16	21.24	21.19	22.10
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
	19965				20175	20385	
3MHz	QPSK	1	0	21.24	21.20	21.22	22.10
		1	7	21.23	21.22	21.24	22.10
		1	14	21.25	21.24	21.16	22.10
		8	0	21.21	21.17	21.18	22.10
		8	4	21.22	21.24	21.19	22.10
		8	7	21.17	21.21	21.24	22.10
	16QAM	15	0	21.21	21.20	21.24	22.10
		1	0	21.17	21.25	21.17	22.10
		1	7	21.21	21.24	21.18	22.10
		1	14	21.18	21.24	21.21	22.10
		8	0	21.18	21.19	21.20	22.10
		8	4	21.25	21.25	21.24	22.10
	64QAM	8	7	21.17	21.20	21.21	22.10
		15	0	21.25	21.21	21.19	22.10
		1	0	21.24	21.25	21.22	22.10
		1	7	21.24	21.21	21.24	22.10
		1	14	21.21	21.17	21.24	22.10
		8	0	21.24	21.25	21.21	22.10
5MHz	QPSK	8	4	21.23	21.17	21.19	22.10
		8	7	21.16	21.20	21.22	22.10
		15	0	21.22	21.20	21.24	22.10
		1	0	21.16	21.20	21.20	22.10
		1	13	21.22	21.25	21.18	22.10
		1	24	21.23	21.19	21.23	22.10
5MHz	16QAM	12	0	21.20	21.23	21.21	22.10
		12	6	21.18	21.23	21.18	22.10
		12	13	21.20	21.22	21.20	22.10
		25	0	21.16	21.20	21.19	22.10
		1	0	21.18	21.25	21.25	22.10
		1	13	21.21	21.22	21.23	22.10
	64QAM	1	24	21.20	21.24	21.19	22.10
		12	0	21.23	21.23	21.23	22.10
		12	6	21.17	21.24	21.20	22.10
		12	13	21.19	21.25	21.19	22.10
		25	0	21.18	21.21	21.21	22.10
		1	0	21.24	21.23	21.16	22.10
5MHz	64QAM	1	13	21.18	21.23	21.23	22.10
		1	24	21.18	21.21	21.16	22.10
		12	0	21.16	21.20	21.22	22.10
		12	6	21.23	21.17	21.25	22.10
		12	13	21.17	21.22	21.25	22.10
		12	13	21.17	21.22	21.25	22.10

Bandwidth	Modulation	25	0	21.20	21.18	21.21	22.10
		RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20000	20175	20350	22.10
		1	25	21.25	21.21	21.20	22.10
		1	49	21.19	21.17	21.17	22.10
		1	49	21.17	21.24	21.23	22.10
		25	0	21.24	21.17	21.25	22.10
		25	13	21.23	21.21	21.17	22.10
		25	25	21.19	21.24	21.24	22.10
	16QAM	50	0	21.21	21.24	21.24	22.10
		1	0	21.17	21.17	21.20	22.10
		1	25	21.21	21.21	21.20	22.10
		1	49	21.22	21.20	21.21	22.10
		25	0	21.21	21.20	21.18	22.10
		25	13	21.25	21.19	21.17	22.10
		25	25	21.17	21.22	21.18	22.10
	64QAM	50	0	21.19	21.23	21.18	22.10
		1	0	21.20	21.19	21.17	22.10
		1	25	21.22	21.19	21.24	22.10
		1	49	21.21	21.17	21.23	22.10
		25	0	21.20	21.17	21.22	22.10
		25	13	21.18	21.18	21.19	22.10
		25	25	21.18	21.18	21.19	22.10
50	0	21.21	21.21	21.18	22.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20025	20175	20325	22.10
		1	38	21.23	21.16	21.25	22.10
		1	74	21.21	21.22	21.19	22.10
		1	74	21.20	21.17	21.22	22.10
		36	0	21.19	21.22	21.22	22.10
		36	18	21.21	21.17	21.16	22.10
		36	39	21.19	21.24	21.21	22.10
	16QAM	75	0	21.22	21.20	21.23	22.10
		1	0	21.17	21.24	21.17	22.10
		1	38	21.20	21.18	21.25	22.10
		1	74	21.18	21.23	21.18	22.10
		36	0	21.24	21.20	21.19	22.10
		36	18	21.18	21.23	21.25	22.10
		36	39	21.17	21.18	21.24	22.10
	64QAM	75	0	21.19	21.21	21.20	22.10
		1	0	21.20	21.24	21.21	22.10
		1	38	21.24	21.22	21.19	22.10
		1	74	21.19	21.21	21.23	22.10
		36	0	21.24	21.21	21.23	22.10
		36	18	21.22	21.20	21.19	22.10
		36	39	21.17	21.21	21.19	22.10
75	0	21.16	21.20	21.17	22.10		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20050	20175	20300	22.10
		1	50	21.17	21.32	21.23	22.10
		1	99	21.18	21.23	21.20	22.10
		1	99	21.20	21.16	21.17	22.10
		50	0	21.17	21.27	21.19	22.10
		50	25	21.21	21.18	21.19	22.10
		50	50	21.23	21.18	21.22	22.10
100	0	21.17	21.22	21.18	22.10		

	16QAM	1	0	21.20	21.20	21.22	22.10
		1	50	21.17	21.19	21.20	22.10
		1	99	21.18	21.24	21.18	22.10
		50	0	21.20	21.18	21.21	22.10
		50	25	21.16	21.17	21.20	22.10
		50	50	21.23	21.20	21.23	22.10
	64QAM	100	0	21.17	21.23	21.18	22.10
		1	0	21.20	21.21	21.18	22.10
		1	50	21.23	21.23	21.23	22.10
		1	99	21.19	21.24	21.23	22.10
		50	0	21.17	21.17	21.24	22.10
		50	25	21.19	21.20	21.24	22.10
		50	50	21.20	21.25	21.24	22.10
		100	0	21.24	21.20	21.17	22.10

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	23.93	24.03	23.95	25.40
		1	2	23.87	23.90	23.91	25.40
		1	5	23.82	23.85	23.92	25.40
		3	0	23.05	23.20	22.98	24.40
		3	2	23.12	22.91	23.05	24.40
		3	3	23.12	22.98	23.12	24.40
	16QAM	6	0	23.09	23.15	23.09	24.40
		1	0	23.07	22.93	23.13	24.40
		1	2	22.93	23.12	22.89	24.40
		1	5	22.99	23.07	23.03	24.40
		3	0	22.11	22.20	22.00	23.40
		3	2	22.04	22.03	22.04	23.40
	64QAM	3	3	22.12	22.03	22.21	23.40
		6	0	22.11	21.92	22.03	23.40
		1	0	22.04	22.03	22.07	23.40
		1	2	21.78	21.81	21.90	23.40
		1	5	21.95	21.83	22.00	23.40
		3	0	22.04	21.98	22.14	23.40
3MHz	QPSK	3	2	21.80	21.79	21.91	23.40
		3	3	21.89	21.84	21.92	23.40
		6	0	21.37	21.41	21.33	22.40
		1	0	23.91	23.97	23.99	25.40
		1	7	23.91	23.92	23.94	25.40
		1	14	23.88	23.88	23.90	25.40
	16QAM	8	0	23.03	23.17	23.03	24.40
		8	4	23.09	22.95	23.08	24.40
		8	7	23.17	23.02	23.11	24.40
		15	0	23.04	23.14	23.02	24.40
		1	0	23.05	22.94	23.06	24.40
		1	7	22.93	23.04	22.86	24.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
				23.91	23.97	23.99	25.40
				23.91	23.92	23.94	25.40
				23.88	23.88	23.90	25.40
				23.03	23.17	23.03	24.40
				23.09	22.95	23.08	24.40
				23.17	23.02	23.11	24.40
				23.04	23.14	23.02	24.40
				23.05	22.94	23.06	24.40
				22.93	23.04	22.86	24.40
				23.04	23.07	22.95	24.40

		8	0	22.09	22.19	22.00	23.40
		8	4	22.03	22.06	22.10	23.40
		8	7	22.11	22.03	22.21	23.40
		15	0	22.08	21.89	22.02	23.40
	64QAM	1	0	22.05	21.94	22.10	23.40
		1	7	21.81	21.78	21.93	23.40
		1	14	21.91	21.87	21.97	23.40
		8	0	21.22	21.25	21.20	22.40
		8	4	21.07	21.12	21.16	22.40
		8	7	21.31	21.36	21.24	22.40
		15	0	21.37	21.35	21.33	22.40
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625	
5MHz	QPSK	1	0	23.91	23.98	24.00	25.40
		1	13	23.91	23.91	23.94	25.40
		1	24	23.80	23.88	23.94	25.40
		12	0	23.05	23.18	23.03	24.40
		12	6	23.08	22.90	23.08	24.40
		12	13	23.15	23.03	23.03	24.40
	16QAM	25	0	23.02	23.13	23.02	24.40
		1	0	23.02	22.99	23.05	24.40
		1	13	22.90	23.13	22.91	24.40
		1	24	23.05	23.15	23.01	24.40
		12	0	22.09	22.20	22.05	23.40
		12	6	22.02	21.98	22.11	23.40
	64QAM	12	13	22.06	22.06	22.17	23.40
		25	0	22.06	21.90	22.02	23.40
		1	0	21.99	22.02	22.12	23.40
		1	13	21.81	21.83	21.90	23.40
		1	24	21.94	21.85	22.00	23.40
		12	0	21.24	21.23	21.20	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.86	24.09	24.01	25.40
		1	25	23.89	23.90	23.93	25.40
		1	49	23.82	23.90	23.94	25.40
		25	0	23.04	23.25	23.01	24.40
		25	13	23.15	22.89	23.11	24.40
		25	25	23.16	23.00	23.05	24.40
		50	0	23.09	23.14	23.07	24.40
	16QAM	1	0	23.00	23.00	23.05	24.40
		1	25	22.94	23.10	22.90	24.40
		1	49	23.06	23.11	22.96	24.40
		25	0	22.07	22.15	21.98	23.40
		25	13	22.02	22.02	22.05	23.40
		25	25	22.11	22.07	22.23	23.40
		50	0	22.05	21.85	22.07	23.40
	64QAM	1	0	21.99	22.02	22.14	23.40
		1	25	21.77	21.76	21.91	23.40
		1	49	21.92	21.79	21.92	23.40
		25	0	21.24	21.28	21.24	22.40
		25	13	21.06	21.19	21.17	22.40

		25	25	21.40	21.32	21.27	22.40
		50	0	21.32	21.41	21.33	22.40

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.81	23.89	23.86	24.70
		1	13	23.84	23.86	23.81	24.70
		1	24	23.77	23.75	23.77	24.70
		12	0	22.90	23.08	22.94	23.70
		12	6	23.04	22.82	22.99	23.70
		12	13	23.08	22.91	23.00	23.70
		25	0	22.98	23.09	22.91	23.70
	16QAM	1	0	22.93	22.83	22.99	23.70
		1	13	22.82	22.95	22.78	23.70
		1	24	22.95	23.02	22.87	23.70
		12	0	22.02	22.09	21.89	22.70
		12	6	21.96	21.88	21.98	22.70
		12	13	22.01	21.95	22.05	22.70
		25	0	21.96	21.80	21.93	22.70
	64QAM	1	0	21.89	21.85	22.04	22.70
		1	13	21.72	21.71	21.84	22.70
		1	24	21.80	21.74	21.89	22.70
		12	0	21.08	21.15	21.17	21.70
		12	6	20.95	21.10	21.00	21.70
		12	13	21.29	21.25	21.16	21.70
		25	0	21.22	21.31	21.22	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.82	23.87	23.92	24.70
		1	25	23.79	23.81	23.84	24.70
		1	49	23.72	23.83	23.81	24.70
		25	0	22.89	23.05	22.87	23.70
		25	13	23.00	22.81	23.00	23.70
		25	25	23.08	22.91	22.96	23.70
		50	0	22.95	23.07	22.96	23.70
	16QAM	1	0	22.94	22.81	22.95	23.70
		1	25	22.84	22.97	22.82	23.70
		1	49	22.94	23.00	22.84	23.70
		25	0	21.97	22.05	21.89	22.70
		25	13	21.97	21.92	21.98	22.70
		25	25	21.99	21.95	22.13	22.70
		50	0	21.98	21.80	21.92	22.70
	64QAM	1	0	21.93	21.88	22.00	22.70
		1	25	21.67	21.69	21.83	22.70
		1	49	21.83	21.78	21.87	22.70
		25	0	21.09	21.17	21.14	21.70
		25	13	20.96	21.05	21.02	21.70
		25	25	21.25	21.22	21.16	21.70
		50	0	21.26	21.22	21.26	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20825	21100	21375		
15MHz	QPSK	1	0	23.77	23.85	23.90	24.70	
		1	38	23.76	23.79	23.84	24.70	
		1	74	23.72	23.82	23.85	24.70	
		36	0	22.89	23.10	22.92	23.70	
		36	18	23.01	22.82	22.97	23.70	
		36	39	23.06	22.87	22.93	23.70	
	16QAM	75	0	22.98	23.10	22.93	23.70	
		1	0	22.92	22.82	22.99	23.70	
		1	38	22.81	22.98	22.80	23.70	
		1	74	22.95	22.99	22.89	23.70	
		36	0	22.04	22.12	21.87	22.70	
		36	18	21.98	21.92	21.97	22.70	
	64QAM	36	39	21.95	21.93	22.07	22.70	
		75	0	21.97	21.79	21.97	22.70	
		1	0	21.92	21.91	21.99	22.70	
		1	38	21.68	21.72	21.78	22.70	
		1	74	21.83	21.72	21.87	22.70	
		36	0	21.10	21.16	21.16	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	23.83	23.96	23.92	24.70
1			50	23.80	23.83	23.81	24.70	
1			99	23.70	23.77	23.85	24.70	
50			0	22.92	23.16	22.88	23.70	
50			25	23.03	22.85	22.95	23.70	
50			50	23.08	22.87	23.00	23.70	
100			0	22.92	23.04	22.93	23.70	
16QAM		1	0	22.94	22.85	22.96	23.70	
		1	50	22.76	22.96	22.80	23.70	
		1	99	22.90	22.96	22.86	23.70	
		50	0	22.04	22.07	21.90	22.70	
		50	25	21.92	21.94	22.01	22.70	
		50	50	21.97	21.97	22.07	22.70	
		100	0	21.95	21.84	21.95	22.70	
64QAM		1	0	21.94	21.88	22.01	22.70	
		1	50	21.70	21.68	21.83	22.70	
		1	99	21.79	21.76	21.89	22.70	
		50	0	21.14	21.17	21.09	21.70	
		50	25	20.98	21.09	21.00	21.70	
		50	50	21.25	21.23	21.11	21.70	
		100	0	21.26	21.26	21.23	21.70	

LTE Band 7 Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.05	14.06	14.09	14.70
		1	13	14.05	14.04	14.03	14.70
		1	24	14.08	14.05	14.06	14.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	75	0	14.06	14.14	14.11	14.70	
		1	0	14.01	14.13	14.07	14.70	
		1	38	14.05	13.99	14.05	14.70	
		1	74	13.99	14.03	14.14	14.70	
		36	0	14.03	14.00	14.07	14.70	
		36	18	14.05	14.09	14.08	14.70	
		36	39	14.01	14.13	14.10	14.70	
	75	0	14.07	14.09	14.13	14.70		
	20MHz	QPSK	1	0	14.09	14.17	14.12	14.70
			1	50	14.05	14.04	14.04	14.70
			1	99	14.08	14.06	14.02	14.70
			50	0	14.04	14.16	14.00	14.70
			50	25	14.06	14.06	14.01	14.70
			50	50	14.05	14.10	14.06	14.70
			100	0	14.02	14.11	14.14	14.70
		16QAM	1	0	14.08	14.05	14.11	14.70
			1	50	14.00	14.05	13.99	14.70
			1	99	14.04	14.10	14.03	14.70
			50	0	13.99	14.08	14.02	14.70
			50	25	14.13	14.02	14.01	14.70
			50	50	14.05	14.13	14.07	14.70
100			0	14.04	14.11	14.10	14.70	
64QAM		1	0	14.04	14.09	14.03	14.70	
		1	50	14.03	14.01	14.04	14.70	
		1	99	14.03	14.02	14.06	14.70	
		50	0	14.07	14.04	14.11	14.70	
		50	25	14.05	14.05	14.08	14.70	
		50	50	13.99	14.10	14.11	14.70	
		100	0	14.04	14.08	14.06	14.70	

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.00	17.98	18.01	18.70
		1	13	18.02	17.99	17.99	18.70
		1	24	18.05	18.02	17.98	18.70
		12	0	18.05	18.05	18.01	18.70
		12	6	18.04	18.02	17.99	18.70
		12	13	17.98	17.99	17.97	18.70
		25	0	18.04	18.01	18.04	18.70
	16QAM	1	0	18.02	17.99	17.99	18.70
		1	13	18.04	17.97	18.04	18.70
		1	24	18.02	18.04	17.99	18.70
		12	0	17.98	17.97	18.03	18.70
		12	6	18.04	17.99	17.96	18.70
		12	13	18.02	17.98	18.00	18.70
		25	0	18.01	18.01	18.03	18.70
	64QAM	1	0	17.97	17.97	17.96	18.70
		1	13	18.05	18.04	17.99	18.70
		1	24	18.00	18.00	18.01	18.70
		12	0	18.00	18.03	18.03	18.70

Bandwidth	Modulation	12	6	17.98	18.03	18.01	18.70
		12	13	18.01	18.01	18.03	18.70
		25	0	17.97	18.02	17.96	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.00	17.98	18.03	18.70
		1	25	18.02	17.98	18.03	18.70
		1	49	17.97	17.99	18.03	18.70
		25	0	18.02	18.03	18.00	18.70
		25	13	17.97	18.04	18.04	18.70
		25	25	18.00	18.03	17.97	18.70
		50	0	17.97	18.02	17.98	18.70
	16QAM	1	0	18.05	18.03	17.99	18.70
		1	25	18.01	18.03	17.96	18.70
		1	49	18.02	18.01	18.04	18.70
		25	0	17.99	17.97	17.99	18.70
		25	13	18.02	17.96	17.96	18.70
		25	25	18.01	18.04	18.02	18.70
		50	0	17.96	17.99	18.04	18.70
	64QAM	1	0	18.01	18.05	18.03	18.70
		1	25	17.98	18.02	18.03	18.70
		1	49	17.98	17.99	18.04	18.70
		25	0	18.02	17.96	18.00	18.70
		25	13	18.02	18.05	17.97	18.70
		25	25	18.04	18.03	18.05	18.70
		50	0	18.01	18.01	18.01	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.01	17.99	18.01	18.70
		1	38	18.03	17.96	18.00	18.70
		1	74	18.04	18.04	17.99	18.70
		36	0	18.01	18.00	18.00	18.70
		36	18	18.04	18.00	18.04	18.70
		36	39	17.99	18.04	18.01	18.70
		75	0	17.96	17.99	17.96	18.70
	16QAM	1	0	18.00	18.00	18.00	18.70
		1	38	17.99	18.03	18.04	18.70
		1	74	18.05	18.04	17.98	18.70
		36	0	17.97	17.99	17.98	18.70
		36	18	18.04	18.02	18.00	18.70
		36	39	17.99	17.98	18.04	18.70
		75	0	18.00	18.04	17.96	18.70
	64QAM	1	0	18.00	17.99	17.97	18.70
		1	38	18.03	18.03	17.99	18.70
		1	74	18.01	18.05	18.01	18.70
		36	0	18.01	17.97	17.96	18.70
		36	18	17.97	17.96	17.98	18.70
		36	39	18.01	17.96	18.04	18.70
		75	0	18.03	17.98	18.05	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.99	18.09	18.03	18.70
		1	50	17.97	17.97	18.02	18.70
		1	99	18.02	18.02	17.98	18.70
		50	0	17.98	18.06	18.00	18.70
		50	25	17.98	17.97	17.97	18.70

	16QAM	50	50	18.01	17.98	17.99	18.70
		100	0	18.04	18.02	17.97	18.70
		1	0	17.97	17.97	17.96	18.70
		1	50	18.03	17.96	18.02	18.70
		1	99	18.01	18.04	17.97	18.70
		50	0	18.01	18.03	17.97	18.70
		50	25	17.98	18.01	18.03	18.70
		50	50	18.02	18.04	18.02	18.70
	64QAM	100	0	18.02	17.98	18.00	18.70
		1	0	18.03	18.00	17.98	18.70
		1	50	18.00	18.01	18.05	18.70
		1	99	18.00	17.98	17.98	18.70
		50	0	17.97	18.03	18.04	18.70
		50	25	18.04	18.00	18.01	18.70
		50	50	18.00	17.96	17.97	18.70
		100	0	18.00	18.03	18.05	18.70

LTE FDD Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.28	23.36	23.43	24.80	
		1	2	23.26	23.31	23.36	24.80	
		1	5	23.27	23.30	23.34	24.80	
		3	0	22.42	22.59	22.40	23.80	
		3	2	22.51	22.33	22.47	23.80	
		3	3	22.56	22.36	22.45	23.80	
	16QAM	6	0	22.47	22.53	22.40	23.80	
		1	0	22.42	22.40	22.46	23.80	
		1	2	22.27	22.48	22.25	23.80	
		1	5	22.37	22.50	22.35	23.80	
		3	0	21.49	21.59	21.45	22.80	
		3	2	21.43	21.42	21.47	22.80	
	64QAM	3	3	21.51	21.45	21.62	22.80	
		6	0	21.45	21.27	21.42	22.80	
		1	0	21.44	21.37	21.47	22.80	
		1	2	21.20	21.23	21.30	22.80	
		1	5	21.27	21.26	21.34	22.80	
		3	0	21.42	21.41	21.48	22.80	
	3MHz	QPSK	3	2	21.24	21.16	21.28	22.80
			3	3	21.35	21.26	21.41	22.80
			6	0	20.78	20.76	20.74	21.80
1			0	23.33	23.42	23.43	24.80	
1			7	23.28	23.31	23.37	24.80	
1			14	23.28	23.32	23.27	24.80	
8			0	22.46	22.57	22.43	23.80	
16QAM		8	4	22.50	22.38	22.44	23.80	
		8	7	22.58	22.40	22.49	23.80	
		15	0	22.44	22.55	22.45	23.80	
	16QAM	1	0	22.43	22.32	22.45	23.80	
		1	7	22.35	22.50	22.31	23.80	
		1	14	22.38	22.52	22.42	23.80	

		8	0	21.49	21.61	21.38	22.80
		8	4	21.42	21.42	21.51	22.80
		8	7	21.49	21.48	21.64	22.80
		15	0	21.45	21.32	21.41	22.80
	64QAM	1	0	21.46	21.42	21.46	22.80
		1	7	21.19	21.21	21.29	22.80
		1	14	21.30	21.20	21.38	22.80
		8	0	20.61	20.70	20.68	21.80
		8	4	20.45	20.52	20.50	21.80
		8	7	20.72	20.74	20.61	21.80
		15	0	20.71	20.73	20.75	21.80
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				23035	23095	23155	
5MHz	QPSK	1	0	23.33	23.43	23.38	24.80
		1	13	23.35	23.33	23.31	24.80
		1	24	23.27	23.32	23.31	24.80
		12	0	22.43	22.60	22.45	23.80
		12	6	22.56	22.38	22.44	23.80
		12	13	22.51	22.35	22.49	23.80
		25	0	22.48	22.59	22.45	23.80
	16QAM	1	0	22.45	22.39	22.52	23.80
		1	13	22.32	22.48	22.28	23.80
		1	24	22.41	22.53	22.38	23.80
		12	0	21.48	21.55	21.45	22.80
		12	6	21.43	21.46	21.52	22.80
		12	13	21.47	21.48	21.57	22.80
		25	0	21.44	21.33	21.41	22.80
	64QAM	1	0	21.42	21.34	21.47	22.80
		1	13	21.24	21.15	21.29	22.80
		1	24	21.31	21.24	21.36	22.80
		12	0	20.60	20.64	20.68	21.80
		12	6	20.49	20.52	20.56	21.80
		12	13	20.73	20.76	20.70	21.80
		25	0	20.78	20.75	20.67	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.31	23.51	23.37	24.80
		1	25	23.34	23.36	23.32	24.80
		1	49	23.24	23.25	23.27	24.80
		25	0	22.40	22.59	22.40	23.80
		25	13	22.48	22.36	22.48	23.80
		25	25	22.53	22.38	22.50	23.80
		50	0	22.48	22.53	22.47	23.80
	16QAM	1	0	22.41	22.32	22.45	23.80
		1	25	22.27	22.47	22.29	23.80
		1	49	22.42	22.49	22.35	23.80
		25	0	21.49	21.58	21.46	22.80
		25	13	21.48	21.45	21.46	22.80
		25	25	21.53	21.51	21.62	22.80
		50	0	21.46	21.33	21.45	22.80
	64QAM	1	0	21.43	21.41	21.47	22.80
		1	25	21.22	21.19	21.32	22.80
		1	49	21.28	21.23	21.36	22.80
		25	0	20.60	20.61	20.60	21.80
		25	13	20.49	20.58	20.55	21.80
		25	25	20.74	20.75	20.70	21.80

		50	0	20.78	20.80	20.75	21.80
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LTE FDD Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.67	23.72	23.74	24.90
		1	13	23.59	23.74	23.72	24.90
		1	24	23.70	23.66	23.68	24.90
		12	0	22.73	22.84	22.84	23.90
		12	6	22.95	22.73	22.86	23.90
		12	13	22.94	22.82	22.85	23.90
		25	0	22.80	22.98	22.83	23.90
	16QAM	1	0	22.81	22.75	22.91	23.90
		1	13	22.63	22.92	22.63	23.90
		1	24	22.83	22.91	22.84	23.90
		12	0	21.87	21.97	21.83	22.90
		12	6	21.85	21.85	21.92	22.90
		12	13	21.87	21.84	21.95	22.90
		25	0	21.88	21.74	21.80	22.90
	64QAM	1	0	21.79	21.71	21.93	22.90
		1	13	21.61	21.54	21.71	22.90
		1	24	21.65	21.64	21.74	22.90
		12	0	21.06	21.04	20.98	21.90
		12	6	20.92	20.95	20.91	21.90
		12	13	21.19	21.11	21.11	21.90
		25	0	21.12	21.15	21.09	21.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	23230	/	24.90
		1	25	/	23.74	/	24.90
		1	49	/	23.64	/	24.90
		25	0	/	22.92	/	23.90
		25	13	/	22.88	/	23.90
		25	25	/	22.79	/	23.90
		50	0	/	22.83	/	23.90
	16QAM	1	0	/	22.85	/	23.90
		1	25	/	22.69	/	23.90
		1	49	/	22.77	/	23.90
		25	0	/	21.80	/	22.90
		25	13	/	21.86	/	22.90
		25	25	/	21.96	/	22.90
		50	0	/	21.88	/	22.90
	64QAM	1	0	/	21.86	/	22.90
		1	25	/	21.74	/	22.90
		1	49	/	21.76	/	22.90
		25	0	/	20.99	/	21.90
		25	13	/	20.93	/	21.90
		25	25	/	21.10	/	21.90
		50	0	/	21.14	/	21.90

LTE FDD Band 17	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.31	23.40	23.41	24.80	
		1	13	23.28	23.37	23.34	24.80	
		1	24	23.20	23.29	23.27	24.80	
		12	0	22.40	22.56	22.40	23.80	
		12	6	22.54	22.34	22.51	23.80	
		12	13	22.52	22.38	22.50	23.80	
	16QAM	25	0	22.46	22.57	22.44	23.80	
		1	0	22.45	22.37	22.51	23.80	
		1	13	22.29	22.45	22.28	23.80	
		1	24	22.45	22.54	22.36	23.80	
		12	0	21.55	21.60	21.44	22.80	
		12	6	21.48	21.41	21.49	22.80	
	64QAM	12	13	21.50	21.44	21.62	22.80	
		25	0	21.50	21.32	21.43	22.80	
		1	0	21.46	21.34	21.47	22.80	
		1	13	21.15	21.20	21.28	22.80	
		1	24	21.34	21.20	21.39	22.80	
		12	0	20.58	20.67	20.67	21.80	
	10MHz	QPSK	12	6	20.53	20.59	20.54	21.80
			12	13	20.76	20.79	20.70	21.80
			25	0	20.74	20.73	20.68	21.80
1			0	23.29	23.43	23.41	24.80	
1			25	23.33	23.35	23.36	24.80	
1			49	23.20	23.32	23.33	24.80	
16QAM		25	0	22.38	22.66	22.41	23.80	
		25	13	22.50	22.34	22.45	23.80	
		25	25	22.60	22.39	22.47	23.80	
		50	0	22.44	22.59	22.47	23.80	
		1	0	22.46	22.37	22.51	23.80	
		1	25	22.32	22.52	22.25	23.80	
64QAM	1	49	22.38	22.53	22.39	23.80		
	25	0	21.53	21.58	21.42	22.80		
	25	13	21.44	21.40	21.45	22.80		
	25	25	21.48	21.44	21.61	22.80		
	50	0	21.46	21.30	21.43	22.80		
	1	0	21.45	21.38	21.50	22.80		
1.4MHz	QPSK	1	25	21.18	21.16	21.34	22.80	
		1	49	21.33	21.27	21.36	22.80	
		25	0	20.64	20.63	20.64	21.80	
		25	13	20.51	20.52	20.57	21.80	
		25	25	20.77	20.76	20.69	21.80	
		50	0	20.75	20.76	20.68	21.80	

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.73	23.88	23.82	25.40

		1	2	23.79	23.74	23.78	25.40
		1	5	23.68	23.76	23.72	25.40
		3	0	22.69	22.83	22.66	24.40
		3	2	22.77	22.60	22.74	24.40
		3	3	22.80	22.62	22.76	24.40
		6	0	22.67	22.77	22.68	24.40
	16QAM	1	0	22.69	22.63	22.71	24.40
		1	2	22.55	22.74	22.53	24.40
		1	5	22.70	22.72	22.64	24.40
		3	0	21.73	21.83	21.66	23.40
		3	2	21.67	21.70	21.75	23.40
		3	3	21.78	21.70	21.82	23.40
	64QAM	6	0	21.69	21.55	21.66	23.40
		1	0	21.64	21.67	21.75	23.40
		1	2	21.46	21.40	21.59	23.40
		1	5	21.53	21.46	21.62	23.40
		3	0	21.69	21.67	21.80	23.40
		3	2	21.43	21.59	21.52	23.40
		3	3	21.53	21.44	21.62	23.40
		6	0	21.03	20.97	20.95	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.75	23.86	23.82	25.40
		1	7	23.75	23.79	23.75	25.40
		1	14	23.69	23.74	23.72	25.40
		8	0	22.67	22.82	22.62	24.40
		8	4	22.81	22.59	22.76	24.40
		8	7	22.80	22.63	22.69	24.40
	16QAM	15	0	22.70	22.84	22.68	24.40
		1	0	22.67	22.61	22.70	24.40
		1	7	22.57	22.72	22.54	24.40
		1	14	22.64	22.77	22.60	24.40
		8	0	21.79	21.81	21.71	23.40
		8	4	21.75	21.72	21.73	23.40
	64QAM	8	7	21.76	21.75	21.89	23.40
		15	0	21.72	21.58	21.65	23.40
		1	0	21.69	21.65	21.75	23.40
		1	7	21.49	21.43	21.59	23.40
		1	14	21.58	21.49	21.60	23.40
		8	0	20.81	20.90	20.89	22.40
		8	4	20.74	20.85	20.79	22.40
		8	7	21.04	21.01	20.90	22.40
		15	0	21.00	21.00	20.92	22.40
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	23.79	23.80	23.79	25.40
		1	13	23.71	23.75	23.78	25.40
		1	24	23.65	23.75	23.78	25.40
		12	0	22.62	22.83	22.65	24.40
		12	6	22.74	22.61	22.73	24.40
		12	13	22.80	22.68	22.70	24.40
	16QAM	25	0	22.70	22.79	22.67	24.40
		1	0	22.65	22.61	22.74	24.40
		1	13	22.60	22.74	22.58	24.40
		1	24	22.69	22.77	22.66	24.40
		12	0	21.74	21.85	21.67	23.40

		12	6	21.71	21.71	21.72	23.40
		12	13	21.77	21.75	21.82	23.40
		25	0	21.71	21.55	21.65	23.40
	64QAM	1	0	21.67	21.68	21.78	23.40
		1	13	21.45	21.40	21.55	23.40
		1	24	21.57	21.48	21.64	23.40
		12	0	20.90	20.94	20.90	22.40
		12	6	20.70	20.84	20.80	22.40
		12	13	21.01	20.99	20.95	22.40
		25	0	20.98	21.05	20.95	22.40
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
10MHz	QPSK	1	0	26750	26865	26990	25.40
		1	25	23.72	23.82	23.79	25.40
		1	49	23.76	23.80	23.83	25.40
		25	0	23.65	23.72	23.73	25.40
		25	13	22.69	22.83	22.66	24.40
		25	25	22.77	22.56	22.74	24.40
		50	0	22.84	22.67	22.72	24.40
	16QAM	1	0	22.67	22.80	22.68	24.40
		1	25	22.68	22.57	22.73	24.40
		1	49	22.56	22.74	22.57	24.40
		25	0	22.69	22.74	22.61	24.40
		25	13	21.78	21.85	21.65	23.40
		25	25	21.72	21.72	21.75	23.40
		50	0	21.76	21.70	21.83	23.40
	64QAM	1	0	21.71	21.57	21.69	23.40
		1	25	21.66	21.61	21.79	23.40
		1	49	21.43	21.43	21.59	23.40
		25	0	21.60	21.46	21.64	23.40
		25	13	20.88	20.89	20.89	22.40
		25	25	20.70	20.84	20.82	22.40
50		0	20.97	20.99	20.88	22.40	
				21.03	21.05	20.96	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	26775	26865	26965	25.40
		1	38	23.73	23.90	23.81	25.40
		1	74	23.73	23.74	23.78	25.40
		36	0	23.69	23.74	23.78	25.40
		36	18	22.66	22.80	22.64	24.40
		36	39	22.80	22.60	22.71	24.40
		75	0	22.77	22.67	22.70	24.40
	16QAM	1	0	22.70	22.79	22.68	24.40
		1	38	22.72	22.64	22.76	24.40
		1	74	22.55	22.71	22.52	24.40
		36	0	22.64	22.74	22.63	24.40
		36	18	21.77	21.87	21.62	23.40
		36	39	21.66	21.66	21.75	23.40
		75	0	21.74	21.74	21.81	23.40
	64QAM	1	0	21.76	21.56	21.73	23.40
		1	38	21.66	21.61	21.77	23.40
		1	74	21.40	21.45	21.60	23.40
		36	0	21.56	21.51	21.59	23.40
		36	18	20.88	20.86	20.85	22.40
		36	39	20.74	20.83	20.76	22.40
75		0	21.00	21.02	20.90	22.40	
				21.05	21.05	20.98	22.40

LTE Band 66				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.84	23.86	23.90	25.00	
		1	2	23.76	23.85	23.87	25.00	
		1	5	23.74	23.79	23.79	25.00	
		3	0	22.94	23.03	22.94	24.00	
		3	1	23.00	22.86	22.96	24.00	
		3	3	23.01	22.85	22.99	24.00	
	16QAM	6	0	22.97	23.04	22.97	24.00	
		1	0	22.93	22.82	22.99	24.00	
		1	2	22.81	23.02	22.83	24.00	
		1	5	22.92	23.03	22.92	24.00	
		3	0	21.98	22.10	21.90	23.00	
		3	1	21.91	21.90	21.94	23.00	
	64QAM	3	3	22.00	21.96	22.11	23.00	
		6	0	21.94	21.80	21.96	23.00	
		1	0	21.88	21.86	21.99	23.00	
		1	2	21.66	21.69	21.83	23.00	
		1	5	21.79	21.70	21.84	23.00	
		3	0	21.95	21.89	21.98	23.00	
	3MHz	QPSK	3	1	21.70	21.69	21.79	23.00
			3	3	21.85	21.74	21.88	23.00
			6	0	21.27	21.27	21.26	22.00
1			0	23.82	23.93	23.86	25.00	
1			7	23.83	23.87	23.86	25.00	
1			14	23.74	23.81	23.84	25.00	
16QAM		8	0	22.91	23.05	22.90	24.00	
		8	4	23.04	22.81	22.94	24.00	
		8	7	23.05	22.90	23.01	24.00	
		15	0	22.92	23.08	22.97	24.00	
		1	0	22.96	22.84	22.98	24.00	
		1	7	22.85	22.96	22.75	24.00	
64QAM	1	14	22.89	23.01	22.88	24.00		
	8	0	22.01	22.10	21.89	23.00		
	8	4	21.98	21.94	21.94	23.00		
	8	7	21.94	21.99	22.06	23.00		
	15	0	21.98	21.76	21.95	23.00		
	1	0	21.87	21.91	21.99	23.00		
5MHz	QPSK	1	7	21.67	21.67	21.78	23.00	
		1	14	21.83	21.73	21.88	23.00	
		8	0	21.12	21.15	21.09	22.00	
		8	4	21.01	21.06	21.00	22.00	
		8	7	21.28	21.25	21.14	22.00	
		15	0	21.25	21.28	21.18	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	23.78	23.85	23.90	25.00	
		1	13	23.84	23.85	23.86	25.00	
		1	24	23.75	23.78	23.78	25.00	

		12	0	22.95	23.08	22.96	24.00
		12	6	23.03	22.88	23.00	24.00
		12	13	23.05	22.90	22.95	24.00
		25	0	22.90	23.08	22.99	24.00
	16QAM	1	0	22.91	22.88	23.02	24.00
		1	13	22.81	22.97	22.81	24.00
		1	24	22.89	23.04	22.90	24.00
		12	0	22.01	22.11	21.91	23.00
		12	6	21.91	21.89	21.94	23.00
		12	13	21.99	21.95	22.11	23.00
		25	0	21.99	21.80	21.93	23.00
		64QAM	1	0	21.91	21.90	21.96
	1		13	21.69	21.67	21.84	23.00
	1		24	21.84	21.77	21.90	23.00
	12		0	21.09	21.17	21.17	22.00
	12		6	21.00	21.07	21.02	22.00
	12		13	21.23	21.23	21.13	22.00
	25		0	21.27	21.27	21.20	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.82	23.85	23.91	25.00
		1	25	23.78	23.79	23.85	25.00
		1	49	23.77	23.77	23.78	25.00
		25	0	22.90	23.10	22.95	24.00
		25	13	23.00	22.79	22.99	24.00
		25	25	23.09	22.87	22.98	24.00
		50	0	22.96	23.04	22.96	24.00
		50	13	22.96	23.04	22.96	24.00
	16QAM	1	0	22.99	22.87	23.00	24.00
		1	25	22.83	23.00	22.81	24.00
		1	49	22.94	23.04	22.92	24.00
		25	0	22.06	22.05	21.95	23.00
		25	13	21.99	21.92	21.98	23.00
		25	25	21.96	21.97	22.08	23.00
		50	0	22.01	21.81	21.91	23.00
		50	13	22.01	21.81	21.91	23.00
	64QAM	1	0	21.89	21.87	22.01	23.00
		1	25	21.71	21.67	21.80	23.00
		1	49	21.77	21.74	21.84	23.00
		25	0	21.11	21.14	21.14	22.00
		25	13	20.99	21.03	21.04	22.00
		25	25	21.26	21.29	21.13	22.00
		50	0	21.25	21.26	21.24	22.00
		50	13	21.25	21.26	21.24	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.79	23.87	23.93	25.00
		1	38	23.78	23.79	23.87	25.00
		1	74	23.77	23.78	23.78	25.00
		36	0	22.87	23.05	22.87	24.00
		36	18	23.02	22.84	22.97	24.00
		36	39	23.07	22.91	22.97	24.00
		75	0	22.93	23.05	22.90	24.00
		75	18	22.93	23.05	22.90	24.00
	16QAM	1	0	22.96	22.86	22.99	24.00
		1	38	22.83	22.96	22.75	24.00
		1	74	22.89	22.96	22.87	24.00
		36	0	21.98	22.10	21.91	23.00
		36	18	21.93	21.89	22.00	23.00
		36	39	21.93	21.89	22.00	23.00
		36	0	22.01	21.95	22.06	23.00
		36	18	22.01	21.95	22.06	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	64QAM	75	0	21.94	21.82	21.95	23.00	
		1	0	21.95	21.90	21.99	23.00	
		1	38	21.69	21.67	21.77	23.00	
		1	74	21.82	21.70	21.89	23.00	
		36	0	21.14	21.17	21.13	22.00	
		36	18	21.00	21.03	21.06	22.00	
		36	39	21.25	21.25	21.15	22.00	
	75	0	21.26	21.28	21.19	22.00		
	20MHz	QPSK	1	0	23.83	23.97	23.85	25.00
			1	50	23.79	23.83	23.83	25.00
			1	99	23.72	23.82	23.82	25.00
			50	0	22.93	23.11	22.94	24.00
			50	25	23.05	22.80	22.96	24.00
			50	50	23.10	22.92	22.98	24.00
			100	0	22.99	23.08	22.97	24.00
		16QAM	1	0	22.96	22.83	22.98	24.00
			1	50	22.84	22.95	22.81	24.00
			1	99	22.92	23.00	22.87	24.00
			50	0	22.04	22.11	21.90	23.00
			50	25	21.92	21.96	21.99	23.00
			50	50	22.02	21.93	22.13	23.00
100			0	21.97	21.78	21.99	23.00	
64QAM		1	0	21.90	21.90	22.03	23.00	
		1	50	21.74	21.67	21.84	23.00	
		1	99	21.78	21.77	21.87	23.00	
		50	0	21.10	21.17	21.13	22.00	
		50	25	20.97	21.09	21.02	22.00	
		50	50	21.29	21.27	21.14	22.00	
		100	0	21.27	21.23	21.23	22.00	

LTE Band 66 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.15	20.18	20.14	20.50
		1	2	20.15	20.16	20.15	20.50
		1	5	20.19	20.20	20.19	20.50
		3	0	20.11	20.13	20.14	20.50
		3	1	20.18	20.14	20.18	20.50
		3	3	20.17	20.19	20.14	20.50
		6	0	20.20	20.18	20.16	20.50
	16QAM	1	0	20.13	20.19	20.18	20.50
		1	2	20.16	20.17	20.17	20.50
		1	5	20.11	20.15	20.18	20.50
		3	0	20.12	20.12	20.12	20.50
		3	1	20.19	20.19	20.13	20.50
		3	3	20.16	20.15	20.15	20.50
		6	0	20.16	20.12	20.15	20.50
	64QAM	1	0	20.18	20.16	20.12	20.50
		1	2	20.18	20.17	20.15	20.50
		1	5	20.16	20.18	20.14	20.50
		3	0	20.15	20.17	20.14	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
		3	1	131987	132322	132657		
3MHz	QPSK	1	0	20.15	20.14	20.16	20.50	
		3	3	20.12	20.17	20.11	20.50	
		6	0	20.11	20.18	20.15	20.50	
		1	7	20.15	20.12	20.15	20.50	
		1	14	20.13	20.12	20.20	20.50	
		8	0	20.17	20.18	20.19	20.50	
	16QAM	8	4	20.13	20.15	20.18	20.50	
		8	7	20.20	20.16	20.12	20.50	
		15	0	20.15	20.12	20.14	20.50	
		1	0	20.11	20.13	20.18	20.50	
		1	7	20.19	20.13	20.14	20.50	
		1	14	20.12	20.17	20.16	20.50	
	64QAM	8	0	20.17	20.13	20.15	20.50	
		8	4	20.19	20.20	20.13	20.50	
		8	7	20.12	20.13	20.18	20.50	
		15	0	20.14	20.11	20.12	20.50	
		1	0	20.18	20.12	20.14	20.50	
		1	7	20.13	20.16	20.19	20.50	
	5MHz	QPSK	1	14	20.14	20.17	20.18	20.50
			8	0	20.14	20.17	20.12	20.50
			8	4	20.17	20.15	20.16	20.50
8			7	20.14	20.18	20.20	20.50	
15			0	20.11	20.16	20.15	20.50	
1			0	20.14	20.12	20.19	20.50	
16QAM		1	13	20.19	20.18	20.18	20.50	
		1	24	20.20	20.17	20.17	20.50	
		12	0	20.15	20.12	20.15	20.50	
		12	6	20.14	20.14	20.17	20.50	
		12	13	20.19	20.16	20.17	20.50	
		25	0	20.17	20.13	20.12	20.50	
64QAM	1	0	20.15	20.14	20.18	20.50		
	1	13	20.15	20.19	20.14	20.50		
	1	24	20.14	20.13	20.15	20.50		
	12	0	20.18	20.12	20.13	20.50		
	12	6	20.11	20.13	20.16	20.50		
	12	13	20.13	20.17	20.20	20.50		
10MHz	QPSK	25	0	20.12	20.19	20.12	20.50	
		1	0	20.12	20.19	20.13	20.50	
		1	13	20.20	20.19	20.20	20.50	
		1	24	20.18	20.14	20.12	20.50	
		12	0	20.20	20.18	20.12	20.50	
		12	6	20.17	20.12	20.15	20.50	
	QPSK	12	13	20.15	20.13	20.14	20.50	
		25	0	20.14	20.19	20.15	20.50	
		1	0	20.14	20.15	20.13	20.50	
		1	25	20.18	20.12	20.14	20.50	
		1	49	20.19	20.19	20.15	20.50	
		25	0	20.14	20.18	20.17	20.50	

		25	25	20.12	20.15	20.19	20.50
		50	0	20.15	20.13	20.16	20.50
	16QAM	1	0	20.19	20.11	20.19	20.50
		1	25	20.19	20.19	20.12	20.50
		1	49	20.17	20.16	20.16	20.50
		25	0	20.12	20.13	20.13	20.50
		25	13	20.14	20.13	20.12	20.50
		25	25	20.16	20.14	20.15	20.50
		50	0	20.11	20.17	20.14	20.50
		64QAM	1	0	20.15	20.15	20.11
	1		25	20.17	20.19	20.12	20.50
	1		49	20.18	20.19	20.13	20.50
	25		0	20.13	20.16	20.18	20.50
	25		13	20.17	20.12	20.19	20.50
	25		25	20.15	20.12	20.15	20.50
	50		0	20.14	20.16	20.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	20.12	20.11	20.14	20.50
		1	38	20.17	20.20	20.18	20.50
		1	74	20.12	20.17	20.14	20.50
		36	0	20.18	20.17	20.14	20.50
		36	18	20.16	20.12	20.16	20.50
		36	39	20.12	20.18	20.16	20.50
		75	0	20.15	20.15	20.15	20.50
	16QAM	1	0	20.12	20.19	20.17	20.50
		1	38	20.18	20.17	20.17	20.50
		1	74	20.20	20.14	20.12	20.50
		36	0	20.18	20.15	20.11	20.50
		36	18	20.15	20.11	20.12	20.50
		36	39	20.11	20.11	20.17	20.50
		75	0	20.16	20.13	20.13	20.50
	64QAM	1	0	20.20	20.19	20.13	20.50
		1	38	20.20	20.20	20.17	20.50
		1	74	20.18	20.16	20.14	20.50
		36	0	20.15	20.20	20.12	20.50
		36	18	20.19	20.12	20.19	20.50
		36	39	20.14	20.17	20.12	20.50
		75	0	20.19	20.18	20.19	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	20.14	20.21	20.17	20.50
		1	50	20.16	20.15	20.15	20.50
		1	99	20.11	20.11	20.16	20.50
		50	0	20.18	20.20	20.17	20.50
		50	25	20.13	20.18	20.12	20.50
		50	50	20.19	20.17	20.19	20.50
		100	0	20.18	20.19	20.17	20.50
	16QAM	1	0	20.11	20.18	20.11	20.50
		1	50	20.12	20.12	20.18	20.50
		1	99	20.19	20.17	20.15	20.50
		50	0	20.13	20.14	20.14	20.50
		50	25	20.15	20.13	20.14	20.50
		50	50	20.15	20.17	20.15	20.50
		100	0	20.16	20.11	20.17	20.50
	64QAM	1	0	20.14	20.12	20.14	20.50

		1	50	20.12	20.11	20.15	20.50
		1	99	20.20	20.17	20.19	20.50
		50	0	20.17	20.19	20.17	20.50
		50	25	20.13	20.14	20.19	20.50
		50	50	20.17	20.14	20.12	20.50
		100	0	20.11	20.17	20.13	20.50

LTE Band 66 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.22	22.19	22.16	22.50	
		1	2	22.19	22.15	22.19	22.50	
		1	5	22.14	22.19	22.16	22.50	
		3	0	22.16	22.22	22.15	22.50	
		3	1	22.14	22.15	22.18	22.50	
		3	3	22.15	22.18	22.19	22.50	
	16QAM	1	0	22.21	22.19	22.16	22.50	
		1	2	22.18	22.15	22.21	22.50	
		1	5	22.20	22.17	22.16	22.50	
		3	0	22.16	22.14	22.23	22.50	
		3	1	22.21	22.16	22.18	22.50	
		3	3	22.17	22.22	22.17	22.50	
	64QAM	6	0	22.15	22.21	22.18	22.50	
		1	0	22.19	22.16	22.20	22.50	
		1	2	22.18	22.22	22.21	22.50	
		1	5	22.21	22.16	22.18	22.50	
		3	0	22.14	22.15	22.15	22.50	
		3	1	22.15	22.18	22.16	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
	3MHz	QPSK	1	0	22.17	22.14	22.16	22.50
1			7	22.22	22.17	22.23	22.50	
1			14	22.19	22.15	22.20	22.50	
8			0	22.17	22.20	22.17	22.50	
8			4	22.18	22.17	22.21	22.50	
8			7	22.22	22.22	22.23	22.50	
15			0	22.15	22.20	22.21	22.50	
16QAM		1	0	22.19	22.21	22.22	22.50	
		1	7	22.20	22.21	22.14	22.50	
		1	14	22.21	22.16	22.21	22.50	
		8	0	22.16	22.23	22.18	22.50	
		8	4	22.19	22.16	22.21	22.50	
		8	7	22.17	22.23	22.21	22.50	
64QAM		15	0	22.17	22.15	22.18	22.50	
		1	0	22.22	22.19	22.18	22.50	
		1	7	22.17	22.17	22.15	22.50	
		1	14	22.21	22.15	22.19	22.50	
		8	0	21.10	21.15	21.15	22.00	
		8	4	21.02	21.10	21.03	22.00	
		8	7	21.29	21.23	21.12	22.00	

Bandwidth	Modulation	15	0	21.28	21.27	21.22	22.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	131997	132322	132647	22.50	
		1	13	22.22	22.17	22.21	22.50	
		1	24	22.16	22.23	22.21	22.50	
		12	0	22.16	22.22	22.17	22.50	
		12	6	22.14	22.18	22.19	22.50	
		12	13	22.21	22.21	22.23	22.50	
	16QAM	12	13	22.17	22.19	22.22	22.50	
		25	0	22.19	22.20	22.16	22.50	
		1	0	22.17	22.21	22.21	22.50	
		1	13	22.23	22.15	22.20	22.50	
		1	24	22.14	22.21	22.21	22.50	
		12	0	22.18	22.20	22.19	22.50	
	64QAM	12	6	22.20	22.14	22.17	22.50	
		12	13	22.18	22.19	22.23	22.50	
		25	0	22.16	22.20	22.15	22.50	
		1	0	22.14	22.21	22.18	22.50	
		1	13	22.17	22.21	22.17	22.50	
		1	24	22.15	22.18	22.16	22.50	
	10MHz	QPSK	12	0	21.09	21.22	21.15	22.00
			12	6	20.94	21.13	21.05	22.00
			12	13	21.32	21.28	21.17	22.00
			25	0	21.25	21.25	21.27	22.00
			1	0	22.22	22.14	22.20	22.50
			1	25	22.18	22.14	22.17	22.50
16QAM		1	49	22.20	22.19	22.20	22.50	
		25	0	22.22	22.21	22.20	22.50	
		25	13	22.23	22.17	22.20	22.50	
		25	25	22.16	22.19	22.17	22.50	
		50	0	22.21	22.17	22.15	22.50	
		1	0	22.16	22.19	22.19	22.50	
64QAM		1	25	22.14	22.15	22.17	22.50	
		1	49	22.22	22.22	22.21	22.50	
		25	0	22.18	22.19	22.23	22.50	
		25	13	22.21	22.18	22.22	22.50	
		25	25	22.20	22.18	22.20	22.50	
		50	0	22.14	22.21	22.16	22.50	
15MHz		QPSK	1	0	22.23	22.18	22.23	22.50
			1	25	22.15	22.22	22.14	22.50
			1	49	22.19	22.18	22.18	22.50
			25	0	21.11	21.20	21.15	22.00
			25	13	21.02	21.10	20.98	22.00
			25	25	21.29	21.29	21.10	22.00
	QPSK	50	0	21.30	21.25	21.21	22.00	
		1	0	22.21	22.22	22.18	22.50	
		1	38	22.21	22.23	22.14	22.50	
		1	74	22.15	22.18	22.19	22.50	
		36	0	22.21	22.17	22.21	22.50	
		36	18	22.22	22.20	22.15	22.50	
	QPSK	36	39	22.22	22.21	22.22	22.50	
		75	0	22.16	22.20	22.17	22.50	

	16QAM	1	0	22.15	22.21	22.17	22.50
		1	38	22.17	22.18	22.23	22.50
		1	74	22.19	22.16	22.17	22.50
		36	0	22.16	22.23	22.22	22.50
		36	18	22.18	22.16	22.22	22.50
		36	39	22.18	22.22	22.19	22.50
		75	0	22.22	22.18	22.19	22.50
	64QAM	1	0	22.20	22.21	22.21	22.50
		1	38	22.19	22.18	22.17	22.50
		1	74	22.18	22.22	22.19	22.50
		36	0	21.15	21.15	21.11	22.00
		36	18	20.95	21.12	20.98	22.00
		36	39	21.27	21.25	21.12	22.00
		75	0	21.25	21.27	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.21	22.24	22.23	22.50
		1	50	22.15	22.17	22.17	22.50
		1	99	22.20	22.16	22.23	22.50
		50	0	22.22	22.23	22.21	22.50
		50	25	22.19	22.19	22.18	22.50
		50	50	22.18	22.15	22.18	22.50
		100	0	22.19	22.21	22.18	22.50
	16QAM	1	0	22.17	22.17	22.21	22.50
		1	50	22.16	22.21	22.19	22.50
		1	99	22.16	22.21	22.23	22.50
		50	0	22.20	22.22	22.21	22.50
		50	25	22.22	22.21	22.16	22.50
		50	50	22.17	22.16	22.21	22.50
		100	0	22.17	22.16	22.18	22.50
	64QAM	1	0	22.22	22.17	22.15	22.50
		1	50	22.17	22.19	22.18	22.50
		1	99	22.17	22.17	22.17	22.50
		50	0	21.15	21.18	21.13	22.00
		50	25	20.93	21.09	20.98	22.00
		50	50	21.28	21.29	21.15	22.00
		100	0	21.31	21.28	21.26	22.00

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.39	23.41	23.45	25.00
		1	13	23.32	23.38	23.36	25.00
		1	24	23.28	23.34	23.38	25.00
		12	0	22.48	22.61	22.43	24.00
		12	6	22.53	22.35	22.50	24.00
		12	13	22.57	22.43	22.55	24.00
		25	0	22.50	22.65	22.50	24.00
	16QAM	1	0	22.53	22.39	22.57	24.00
		1	13	22.37	22.58	22.35	24.00
		1	24	22.47	22.52	22.47	24.00
		12	0	21.57	21.58	21.43	23.00
		12	6	21.50	21.50	21.51	23.00

		12	13	21.50	21.50	21.67	23.00	
		25	0	21.48	21.31	21.52	23.00	
	64QAM	1	0	21.45	21.47	21.57	23.00	
		1	13	21.21	21.25	21.36	23.00	
		1	24	21.38	21.31	21.41	23.00	
		12	0	20.62	20.72	20.64	22.00	
		12	6	20.57	20.64	20.60	22.00	
		12	13	20.83	20.78	20.69	22.00	
		25	0	20.82	20.83	20.81	22.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200		
10MHz	QPSK	1	0	23.32	23.43	23.48	25.00	
		1	25	23.33	23.39	23.40	25.00	
		1	49	23.29	23.38	23.39	25.00	
		25	0	22.49	22.63	22.44	24.00	
		25	13	22.60	22.40	22.55	24.00	
		25	25	22.56	22.41	22.52	24.00	
		50	0	22.49	22.64	22.48	24.00	
	16QAM	1	0	22.53	22.44	22.55	24.00	
		1	25	22.39	22.55	22.35	24.00	
		1	49	22.45	22.60	22.41	24.00	
		25	0	21.55	21.62	21.50	23.00	
		25	13	21.53	21.50	21.53	23.00	
		25	25	21.56	21.55	21.64	23.00	
		50	0	21.56	21.32	21.45	23.00	
	64QAM	1	0	21.48	21.46	21.57	23.00	
		1	25	21.26	21.23	21.31	23.00	
		1	49	21.33	21.28	21.45	23.00	
		25	0	20.66	20.73	20.72	22.00	
		25	13	20.52	20.63	20.57	22.00	
		25	25	20.80	20.81	20.68	22.00	
		50	0	20.82	20.84	20.81	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	1	0	23.37	23.42	23.46	25.00
1			38	23.35	23.39	23.34	25.00	
1			74	23.30	23.32	23.35	25.00	
36			0	22.50	22.58	22.42	24.00	
36			18	22.59	22.39	22.54	24.00	
36			39	22.64	22.42	22.52	24.00	
75			0	22.49	22.65	22.53	24.00	
16QAM		1	0	22.49	22.43	22.57	24.00	
		1	38	22.39	22.50	22.35	24.00	
		1	74	22.46	22.59	22.47	24.00	
		36	0	21.58	21.60	21.42	23.00	
		36	18	21.48	21.50	21.56	23.00	
		36	39	21.57	21.48	21.69	23.00	
		75	0	21.55	21.36	21.51	23.00	
64QAM		1	0	21.47	21.48	21.52	23.00	
		1	38	21.25	21.27	21.38	23.00	
		1	74	21.40	21.28	21.44	23.00	
		36	0	20.68	20.74	20.65	22.00	
		36	18	20.54	20.59	20.54	22.00	
		36	39	20.81	20.79	20.71	22.00	
		75	0	20.76	20.85	20.76	22.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				37850	38000	38150	
20MHz	QPSK	1	0	23.31	23.51	23.42	25.00
		1	50	23.39	23.34	23.39	25.00
		1	99	23.24	23.35	23.34	25.00
		50	0	22.51	22.63	22.50	24.00
		50	25	22.55	22.43	22.51	24.00
		50	50	22.61	22.41	22.50	24.00
		100	0	22.48	22.65	22.48	24.00
	16QAM	1	0	22.51	22.44	22.56	24.00
		1	50	22.38	22.52	22.29	24.00
		1	99	22.45	22.53	22.44	24.00
		50	0	21.59	21.67	21.46	23.00
		50	25	21.49	21.48	21.49	23.00
		50	50	21.54	21.47	21.63	23.00
		100	0	21.49	21.39	21.49	23.00
	64QAM	1	0	21.50	21.47	21.53	23.00
		1	50	21.26	21.28	21.34	23.00
		1	99	21.33	21.27	21.43	23.00
		50	0	20.66	20.71	20.69	22.00
		50	25	20.50	20.63	20.56	22.00
		50	50	20.77	20.85	20.71	22.00
		100	0	20.83	20.80	20.75	22.00

LTE Band 38 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.04	16.08	16.13	17.00
		1	13	16.11	15.99	16.01	17.00
		1	24	16.04	16.10	16.04	17.00
		12	0	16.03	16.10	16.04	17.00
		12	6	16.11	16.10	16.04	17.00
		12	13	16.09	16.09	16.13	17.00
		25	0	16.03	16.09	16.06	17.00
	16QAM	1	0	16.06	16.06	16.10	17.00
		1	13	16.02	15.98	16.04	17.00
		1	24	16.11	16.06	16.09	17.00
		12	0	16.02	16.07	16.08	17.00
		12	6	16.08	16.03	16.05	17.00
		12	13	16.12	16.06	16.08	17.00
		25	0	16.00	16.06	16.06	17.00
	64QAM	1	0	16.03	16.06	16.03	17.00
		1	13	15.99	15.99	16.01	17.00
		1	24	16.08	16.07	16.07	17.00
		12	0	16.05	16.05	16.06	17.00
		12	6	16.07	16.06	16.04	17.00
		12	13	16.04	16.10	16.08	17.00
		25	0	16.08	16.05	16.07	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	16.10	16.08	16.08	17.00
		1	25	16.10	15.98	16.03	17.00
		1	49	16.03	16.04	16.08	17.00
		25	0	16.08	16.06	16.00	17.00

		25	13	16.06	16.08	16.08	17.00
		25	25	16.08	16.10	16.05	17.00
		50	0	16.01	16.11	16.10	17.00
	16QAM	1	0	16.10	16.06	16.05	17.00
		1	25	16.03	16.00	16.00	17.00
		1	49	16.11	16.13	16.10	17.00
		25	0	16.01	16.02	16.00	17.00
		25	13	16.06	16.06	16.07	17.00
		25	25	16.08	16.13	16.01	17.00
		50	0	16.03	16.09	16.12	17.00
	64QAM	1	0	16.02	16.06	16.06	17.00
		1	25	16.06	16.04	15.99	17.00
		1	49	16.00	16.06	16.06	17.00
		25	0	16.08	16.07	16.07	17.00
25		13	16.02	16.05	16.00	17.00	
25		25	16.04	16.11	16.09	17.00	
50		0	16.05	16.05	16.08	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	16.11	16.05	16.10	17.00
		1	38	16.10	16.05	15.97	17.00
		1	74	16.03	16.11	16.02	17.00
		36	0	16.03	16.07	16.06	17.00
		36	18	16.09	16.09	16.00	17.00
		36	39	16.08	16.09	16.04	17.00
	16QAM	75	0	16.04	16.10	16.14	17.00
		1	0	16.05	16.02	16.11	17.00
		1	38	16.04	16.00	16.00	17.00
		1	74	16.05	16.07	16.04	17.00
		36	0	16.02	16.07	16.02	17.00
		36	18	16.14	16.01	16.05	17.00
	64QAM	36	39	16.10	16.15	16.07	17.00
		75	0	16.04	16.14	16.10	17.00
		1	0	16.07	16.06	15.99	17.00
		1	38	16.07	16.07	16.05	17.00
		1	74	15.99	16.03	16.14	17.00
		36	0	16.02	16.01	16.11	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	16.07	16.16	16.10	17.00
		1	50	16.09	16.04	15.99	17.00
		1	99	16.08	16.08	16.07	17.00
		50	0	16.11	16.15	16.01	17.00
		50	25	16.07	16.12	16.02	17.00
		50	50	16.07	16.14	16.13	17.00
		100	0	16.03	16.09	16.10	17.00
	16QAM	1	0	16.10	16.07	16.08	17.00
		1	50	16.05	16.01	16.04	17.00
		1	99	16.10	16.11	16.04	17.00
		50	0	15.99	16.00	16.05	17.00
		50	25	16.11	16.07	16.06	17.00
		50	50	16.10	16.12	16.06	17.00
		100	0	16.04	16.11	16.13	17.00

		1	0	16.06	16.06	16.05	17.00
		1	50	16.03	16.01	16.05	17.00
		1	99	16.01	16.01	16.11	17.00
	64QAM	50	0	16.04	16.04	16.04	17.00
		50	25	16.01	16.10	16.03	17.00
		50	50	16.00	16.07	16.13	17.00
		100	0	16.02	16.07	16.12	17.00

LTE Band 38 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	20.87	20.89	20.88	22.00	
		1	13	20.87	20.88	20.83	22.00	
		1	24	20.85	20.90	20.89	22.00	
		12	0	20.84	20.86	20.88	22.00	
		12	6	20.89	20.86	20.83	22.00	
		12	13	20.90	20.88	20.83	22.00	
	16QAM	25	0	20.82	20.82	20.86	22.00	
		1	0	20.88	20.87	20.85	22.00	
		1	13	20.86	20.85	20.86	22.00	
		1	24	20.90	20.82	20.83	22.00	
		12	0	20.88	20.86	20.86	22.00	
		12	6	20.87	20.82	20.88	22.00	
	64QAM	12	13	20.89	20.89	20.83	22.00	
		25	0	20.89	20.84	20.82	22.00	
		1	0	20.85	20.83	20.88	22.00	
		1	13	20.83	20.87	20.85	22.00	
		1	24	20.89	20.89	20.88	22.00	
		12	0	20.90	20.82	20.81	22.00	
	10MHz	QPSK	12	6	20.86	20.89	20.88	22.00
			12	13	20.83	20.85	20.82	22.00
			25	0	20.87	20.88	20.86	22.00
			1	0	20.87	20.84	20.85	22.00
			1	25	20.85	20.88	20.81	22.00
			1	49	20.90	20.84	20.88	22.00
16QAM		25	0	20.87	20.85	20.83	22.00	
		25	13	20.86	20.89	20.82	22.00	
		25	25	20.87	20.84	20.87	22.00	
		50	0	20.82	20.83	20.87	22.00	
		1	0	20.85	20.84	20.89	22.00	
		1	25	20.85	20.90	20.81	22.00	
64QAM	1	49	20.89	20.82	20.86	22.00		
	25	0	20.89	20.88	20.86	22.00		
	25	13	20.87	20.89	20.85	22.00		
	25	25	20.88	20.83	20.84	22.00		
	50	0	20.82	20.90	20.84	22.00		
	1	0	20.82	20.89	20.82	22.00		
		1	25	20.88	20.90	20.83	22.00	
		1	49	20.86	20.82	20.83	22.00	
		25	0	20.85	20.85	20.89	22.00	
		25	13	20.88	20.83	20.84	22.00	

Bandwidth	Modulation	25	25	20.87	20.85	20.85	22.00
		50	0	20.82	20.85	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.81	20.84	20.82	22.00
		1	38	20.89	20.82	20.82	22.00
		1	74	20.84	20.83	20.87	22.00
		36	0	20.84	20.82	20.86	22.00
		36	18	20.82	20.85	20.82	22.00
		36	39	20.83	20.83	20.86	22.00
		75	0	20.82	20.83	20.87	22.00
	16QAM	1	0	20.82	20.85	20.84	22.00
		1	38	20.84	20.81	20.84	22.00
		1	74	20.89	20.86	20.83	22.00
		36	0	20.88	20.84	20.89	22.00
		36	18	20.84	20.82	20.82	22.00
		36	39	20.81	20.83	20.85	22.00
		75	0	20.83	20.82	20.86	22.00
	64QAM	1	0	20.88	20.88	20.85	22.00
		1	38	20.89	20.86	20.82	22.00
		1	74	20.90	20.86	20.89	22.00
		36	0	20.83	20.84	20.87	22.00
		36	18	20.87	20.89	20.88	22.00
		36	39	20.88	20.84	20.83	22.00
		75	0	20.83	20.84	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.88	20.92	20.86	22.00
		1	50	20.87	20.82	20.88	22.00
		1	99	20.87	20.88	20.84	22.00
		50	0	20.84	20.91	20.90	22.00
		50	25	20.84	20.85	20.81	22.00
		50	50	20.87	20.83	20.84	22.00
		100	0	20.84	20.88	20.83	22.00
	16QAM	1	0	20.83	20.88	20.87	22.00
		1	50	20.85	20.89	20.83	22.00
		1	99	20.87	20.83	20.85	22.00
		50	0	20.88	20.87	20.87	22.00
		50	25	20.85	20.88	20.82	22.00
		50	50	20.89	20.85	20.85	22.00
		100	0	20.82	20.85	20.87	22.00
	64QAM	1	0	20.83	20.87	20.82	22.00
		1	50	20.82	20.86	20.86	22.00
		1	99	20.88	20.90	20.87	22.00
		50	0	20.83	20.81	20.86	22.00
		50	25	20.88	20.89	20.89	22.00
		50	50	20.83	20.82	20.84	22.00
		100	0	20.88	20.83	20.87	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	23.43	23.52	23.44	23.46	23.46	25.00

		1	13	23.40	23.43	23.43	23.43	23.45	25.00	
		1	24	23.33	23.36	23.37	23.42	23.40	25.00	
		12	0	22.47	22.67	22.50	22.70	22.51	24.00	
		12	6	22.60	22.40	22.58	22.43	22.59	24.00	
		12	13	22.68	22.45	22.64	22.46	22.53	24.00	
		25	0	22.55	22.69	22.51	22.65	22.52	24.00	
	16QAM	1	0	22.55	22.44	22.53	22.50	22.59	24.00	
		1	13	22.40	22.54	22.38	22.59	22.38	24.00	
		1	24	22.48	22.60	22.55	22.56	22.47	24.00	
		12	0	21.59	21.66	21.62	21.72	21.50	23.00	
		12	6	21.56	21.49	21.57	21.53	21.55	23.00	
		12	13	21.61	21.53	21.60	21.53	21.68	23.00	
	64QAM	25	0	21.57	21.36	21.62	21.39	21.58	23.00	
		1	0	21.50	21.44	21.48	21.46	21.60	23.00	
		1	13	21.26	21.27	21.26	21.32	21.39	23.00	
		1	24	21.45	21.36	21.44	21.30	21.51	23.00	
		12	0	20.68	20.74	20.71	20.77	20.74	22.00	
		12	6	20.59	20.62	20.56	20.67	20.63	22.00	
		12	13	20.83	20.89	20.87	20.89	20.79	22.00	
		25	0	20.86	20.91	20.87	20.85	20.84	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	0	23.42	23.54	23.40	23.51	23.47	25.00	
		1	25	23.44	23.43	23.37	23.43	23.41	25.00	
		1	49	23.36	23.35	23.33	23.41	23.44	25.00	
		25	0	22.55	22.70	22.47	22.66	22.53	24.00	
		25	13	22.63	22.44	22.62	22.48	22.59	24.00	
		25	25	22.65	22.46	22.63	22.48	22.62	24.00	
			50	0	22.56	22.64	22.59	22.68	22.54	24.00
		16QAM	1	0	22.58	22.44	22.52	22.47	22.61	24.00
			1	25	22.42	22.56	22.36	22.58	22.42	24.00
			1	49	22.53	22.60	22.49	22.63	22.48	24.00
			25	0	21.59	21.64	21.60	21.66	21.52	23.00
			25	13	21.54	21.55	21.59	21.56	21.60	23.00
			25	25	21.60	21.55	21.60	21.53	21.72	23.00
			50	0	21.55	21.43	21.61	21.40	21.59	23.00
		64QAM	1	0	21.56	21.52	21.53	21.45	21.61	23.00
			1	25	21.33	21.30	21.27	21.30	21.41	23.00
			1	49	21.44	21.33	21.39	21.29	21.48	23.00
			25	0	20.67	20.72	20.70	20.78	20.77	22.00
			25	13	20.57	20.66	20.57	20.65	20.66	22.00
			25	25	20.87	20.88	20.81	20.88	20.72	22.00
			50	0	20.86	20.87	20.82	20.83	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	23.37	23.50	23.36	23.49	23.49	25.00	
		1	38	23.43	23.40	23.39	23.47	23.42	25.00	
		1	74	23.35	23.40	23.32	23.35	23.45	25.00	
		36	0	22.52	22.64	22.47	22.70	22.53	24.00	
		36	18	22.65	22.40	22.62	22.45	22.56	24.00	
		36	39	22.69	22.45	22.68	22.48	22.54	24.00	
			75	0	22.50	22.67	22.59	22.63	22.51	24.00
		16QAM	1	0	22.58	22.42	22.54	22.49	22.62	24.00
			1	38	22.41	22.59	22.43	22.57	22.38	24.00
			1	74	22.49	22.61	22.51	22.57	22.49	24.00
			36	0	21.61	21.67	21.60	21.63	21.54	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	64QAM	36	18	21.59	21.56	21.59	21.48	21.61	23.00	
		36	39	21.62	21.54	21.62	21.59	21.69	23.00	
		75	0	21.59	21.37	21.57	21.42	21.58	23.00	
		1	0	21.54	21.45	21.53	21.50	21.60	23.00	
		1	38	21.29	21.32	21.30	21.29	21.39	23.00	
		1	74	21.42	21.36	21.37	21.34	21.48	23.00	
		36	0	20.69	20.71	20.69	20.73	20.75	22.00	
		36	18	20.56	20.64	20.58	20.70	20.59	22.00	
		36	39	20.85	20.86	20.90	20.85	20.79	22.00	
	75	0	20.85	20.88	20.81	20.86	20.80	22.00		
	QPSK	1	0	23.40	23.53	23.55	23.46	23.48	25.00	
		1	50	23.36	23.48	23.44	23.48	23.43	25.00	
		1	99	23.32	23.38	23.34	23.41	23.43	25.00	
		50	0	22.48	22.65	22.89	22.70	22.52	24.00	
		50	25	22.65	22.46	22.65	22.40	22.56	24.00	
		50	50	22.64	22.51	22.68	22.49	22.59	24.00	
		100	0	22.57	22.62	22.50	22.63	22.56	24.00	
		16QAM	1	0	22.56	22.50	22.51	22.46	22.59	24.00
			1	50	22.44	22.62	22.37	22.60	22.36	24.00
			1	99	22.53	22.61	22.50	22.57	22.48	24.00
			50	0	21.63	21.65	21.65	21.69	21.54	23.00
			50	25	21.52	21.53	21.57	21.48	21.53	23.00
			50	50	21.56	21.60	21.61	21.52	21.71	23.00
			100	0	21.54	21.36	21.53	21.37	21.55	23.00
		64QAM	1	0	21.47	21.51	21.48	21.51	21.59	23.00
			1	50	21.33	21.31	21.29	21.25	21.41	23.00
			1	99	21.40	21.36	21.45	21.35	21.50	23.00
			50	0	20.72	20.73	20.74	20.80	20.71	22.00
50			25	20.62	20.71	20.57	20.67	20.65	22.00	
50	50		20.86	20.81	20.87	20.82	20.79	22.00		
100	0		20.86	20.83	20.89	20.90	20.77	22.00		

LTE Band 41 Receiver on/Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	17.05	17.08	17.07	17.06	17.01	18.00
		1	13	17.07	17.06	17.00	17.00	17.06	18.00
		1	24	17.01	17.05	17.04	17.04	17.02	18.00
		12	0	17.03	17.05	17.05	17.01	17.03	18.00
		12	6	17.05	17.06	17.00	17.02	17.01	18.00
		12	13	17.07	17.05	17.02	17.03	17.03	18.00
		25	0	17.07	17.08	17.04	17.07	17.03	18.00
	16QAM	1	0	17.02	17.00	17.02	17.04	17.07	18.00
		1	13	17.07	17.06	17.01	17.01	17.07	18.00
		1	24	17.04	17.04	17.01	17.04	17.06	18.00
		12	0	17.02	17.04	17.05	17.00	17.06	18.00
		12	6	17.08	17.04	17.02	17.06	17.02	18.00
		12	13	17.00	17.08	17.02	17.03	17.05	18.00
		25	0	17.02	17.01	17.03	17.02	17.07	18.00
	64QAM	1	0	17.02	17.05	17.04	17.06	17.03	18.00
		1	13	17.03	17.03	17.02	17.06	17.04	18.00

		1	24	17.05	17.08	17.06	17.07	17.06	18.00
		12	0	17.05	17.03	17.04	17.04	17.02	18.00
		12	6	17.05	17.05	17.01	17.07	17.01	18.00
		12	13	17.06	16.99	17.02	17.03	17.03	18.00
		25	0	17.04	17.01	17.04	17.01	17.00	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	17.01	17.04	17.01	17.00	17.01	18.00
		1	25	17.03	16.99	17.07	17.05	17.03	18.00
		1	49	17.04	17.07	17.08	17.03	17.01	18.00
		25	0	17.07	17.00	17.04	17.01	17.02	18.00
		25	13	17.02	17.00	17.04	17.01	17.07	18.00
		25	25	16.99	17.03	17.05	17.05	17.03	18.00
	16QAM	50	0	17.00	17.06	17.01	17.00	17.02	18.00
		1	0	17.01	17.00	17.01	17.04	17.00	18.00
		1	25	17.03	17.08	17.00	17.00	17.04	18.00
		1	49	17.05	17.05	17.02	16.99	17.02	18.00
		25	0	17.01	17.02	17.02	17.06	17.05	18.00
		25	13	17.03	17.03	17.07	17.02	17.02	18.00
	64QAM	25	25	17.08	17.03	17.06	17.06	17.00	18.00
		50	0	17.06	17.05	16.99	16.99	17.07	18.00
		1	0	17.07	17.01	17.03	17.04	17.04	18.00
		1	25	16.99	17.07	17.00	17.06	17.06	18.00
		1	49	16.99	17.04	17.00	17.04	17.01	18.00
		25	0	17.03	17.05	17.02	17.02	17.04	18.00
		25	13	17.07	17.05	17.05	17.07	17.00	18.00
		25	25	17.02	17.02	17.03	17.05	17.04	18.00
		50	0	17.00	17.00	17.08	17.03	17.06	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.05	17.02	17.04	17.07	17.04	18.00
		1	38	17.04	17.04	17.03	17.03	17.00	18.00
		1	74	16.99	17.07	17.01	17.04	16.99	18.00
		36	0	17.08	17.07	16.99	17.03	17.00	18.00
		36	18	17.05	17.04	17.01	17.04	16.99	18.00
		36	39	17.01	17.08	17.04	17.01	17.07	18.00
		75	0	17.02	16.99	17.08	17.00	17.01	18.00
	16QAM	1	0	17.06	17.00	17.03	17.02	17.06	18.00
		1	38	17.06	17.04	17.04	17.06	17.07	18.00
		1	74	17.01	17.04	17.05	17.02	17.01	18.00
		36	0	17.00	17.03	17.05	17.03	17.07	18.00
		36	18	17.07	17.01	17.03	17.02	17.01	18.00
		36	39	17.05	17.05	17.05	16.99	17.04	18.00
		75	0	17.05	17.06	17.03	17.02	17.08	18.00
	64QAM	1	0	17.05	17.03	17.03	17.03	16.99	18.00
		1	38	17.00	17.05	17.01	17.08	17.00	18.00
		1	74	17.00	16.99	17.07	17.04	17.03	18.00
		36	0	17.02	17.03	17.00	17.02	17.06	18.00
		36	18	17.07	17.07	17.07	16.99	17.02	18.00
		36	39	17.00	17.04	17.07	17.04	17.02	18.00
75		0	17.02	17.00	17.00	17.03	17.04	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	17.02	17.05	17.29	17.01	17.01	18.00
		1	50	17.07	17.01	17.06	17.02	17.01	18.00
		1	99	17.03	17.03	17.01	17.02	17.06	18.00

		50	0	17.01	17.07	17.15	17.06	17.05	18.00
		50	25	17.06	17.03	17.07	17.01	17.00	18.00
		50	50	17.00	17.04	17.04	17.02	17.05	18.00
		100	0	17.03	17.06	17.08	17.05	17.07	18.00
	16QAM	1	0	17.07	17.02	17.06	17.04	16.99	18.00
		1	50	17.01	17.06	17.05	17.08	17.07	18.00
		1	99	17.04	17.02	17.04	17.08	17.05	18.00
		50	0	17.05	17.03	17.07	17.06	17.06	18.00
		50	25	17.04	17.03	17.04	17.00	17.02	18.00
		50	50	17.03	16.99	17.01	17.00	17.00	18.00
		100	0	17.06	17.04	17.06	17.00	17.07	18.00
		64QAM	1	0	17.06	17.06	17.01	17.03	17.03
	1		50	17.04	17.03	17.01	17.02	17.01	18.00
	1		99	17.02	17.07	17.03	17.02	17.08	18.00
	50		0	17.02	17.00	17.02	17.06	17.01	18.00
	50		25	17.06	17.07	17.03	17.05	17.03	18.00
	50		50	17.05	17.04	17.04	17.05	17.06	18.00
	100		0	17.08	17.04	17.05	17.08	17.00	18.00

LTE Band 41 Sensor On				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.07	21.06	21.12	21.13	21.07	22.00
		1	13	21.14	21.07	21.11	21.11	21.11	22.00
		1	24	21.07	21.14	21.15	21.11	21.06	22.00
		12	0	21.11	21.11	21.10	21.14	21.11	22.00
		12	6	21.10	21.14	21.14	21.12	21.10	22.00
		12	13	21.08	21.08	21.12	21.12	21.13	22.00
		25	0	21.06	21.10	21.09	21.11	21.12	22.00
	16QAM	1	0	21.09	21.13	21.10	21.12	21.10	22.00
		1	13	21.11	21.12	21.14	21.12	21.10	22.00
		1	24	21.14	21.09	21.12	21.12	21.13	22.00
		12	0	21.09	21.07	21.08	21.06	21.14	22.00
		12	6	21.09	21.08	21.15	21.06	21.09	22.00
		12	13	21.15	21.08	21.07	21.11	21.10	22.00
		25	0	21.09	21.11	21.13	21.07	21.10	22.00
	64QAM	1	0	21.13	21.10	21.12	21.14	21.11	22.00
		1	13	21.09	21.13	21.09	21.12	21.08	22.00
		1	24	21.13	21.10	21.11	21.10	21.10	22.00
		12	0	21.11	21.07	21.12	21.07	21.07	22.00
		12	6	21.12	21.06	21.13	21.08	21.15	22.00
		12	13	21.10	21.15	21.10	21.09	21.08	22.00
		25	0	21.07	21.09	21.11	21.13	21.07	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.13	21.13	21.10	21.11	21.07	22.00
		1	25	21.13	21.06	21.14	21.14	21.07	22.00
		1	49	21.12	21.12	21.13	21.11	21.14	22.00
		25	0	21.12	21.14	21.11	21.08	21.07	22.00
		25	13	21.09	21.10	21.09	21.09	21.13	22.00
		25	25	21.14	21.15	21.14	21.12	21.08	22.00
		50	0	21.13	21.09	21.10	21.13	21.14	22.00
		16QAM	1	0	21.10	21.13	21.08	21.11	21.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				39700	40160	40620	41080	41540	

		1	25	21.14	21.07	21.14	21.12	21.07	22.00	
		1	49	21.10	21.10	21.11	21.08	21.10	22.00	
		25	0	21.11	21.12	21.12	21.06	21.09	22.00	
		25	13	21.07	21.15	21.11	21.06	21.11	22.00	
		25	25	21.09	21.13	21.12	21.09	21.08	22.00	
		50	0	21.07	21.07	21.14	21.06	21.11	22.00	
	64QAM	1	0	21.12	21.11	21.13	21.07	21.10	22.00	
		1	25	21.12	21.15	21.09	21.09	21.08	22.00	
		1	49	21.13	21.07	21.07	21.10	21.07	22.00	
		25	0	21.12	21.13	21.06	21.08	21.08	22.00	
		25	13	21.07	21.07	21.13	21.15	21.11	22.00	
		25	25	21.13	21.08	21.12	21.09	21.12	22.00	
		50	0	21.09	21.10	21.14	21.11	21.14	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	21.09	21.13	21.12	21.06	21.11	22.00	
		1	38	21.12	21.13	21.14	21.13	21.14	22.00	
		1	74	21.14	21.15	21.13	21.10	21.13	22.00	
		36	0	21.10	21.11	21.09	21.09	21.11	22.00	
		36	18	21.15	21.06	21.07	21.13	21.10	22.00	
		36	39	21.13	21.08	21.12	21.11	21.10	22.00	
			75	0	21.09	21.13	21.07	21.14	21.07	22.00
	16QAM	1	0	21.15	21.13	21.07	21.11	21.10	22.00	
		1	38	21.13	21.08	21.11	21.14	21.13	22.00	
		1	74	21.14	21.07	21.12	21.10	21.12	22.00	
		36	0	21.11	21.14	21.11	21.09	21.12	22.00	
		36	18	21.15	21.10	21.08	21.08	21.08	22.00	
		36	39	21.10	21.10	21.11	21.11	21.15	22.00	
			75	0	21.09	21.09	21.08	21.14	21.12	22.00
	64QAM	1	0	21.08	21.08	21.11	21.06	21.14	22.00	
		1	38	21.11	21.06	21.08	21.11	21.10	22.00	
		1	74	21.08	21.15	21.08	21.09	21.07	22.00	
		36	0	21.11	21.10	21.11	21.13	21.07	22.00	
		36	18	21.10	21.13	21.15	21.08	21.09	22.00	
		36	39	21.12	21.13	21.15	21.07	21.07	22.00	
			75	0	21.08	21.13	21.08	21.11	21.08	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	0	21.14	21.12	21.21	21.09	21.13	22.00	
		1	50	21.08	21.07	21.11	21.06	21.08	22.00	
		1	99	21.15	21.06	21.13	21.08	21.12	22.00	
		50	0	21.09	21.12	21.17	21.09	21.10	22.00	
		50	25	21.14	21.10	21.06	21.08	21.07	22.00	
		50	50	21.06	21.13	21.09	21.08	21.08	22.00	
			100	0	21.13	21.15	21.10	21.08	21.09	22.00
	16QAM	1	0	21.13	21.08	21.13	21.13	21.10	22.00	
		1	50	21.11	21.13	21.14	21.14	21.10	22.00	
		1	99	21.06	21.08	21.12	21.14	21.13	22.00	
		50	0	21.14	21.12	21.14	21.07	21.11	22.00	
		50	25	21.12	21.08	21.11	21.13	21.09	22.00	
		50	50	21.09	21.14	21.13	21.14	21.12	22.00	
			100	0	21.13	21.09	21.13	21.14	21.13	22.00
	64QAM	1	0	21.10	21.11	21.08	21.12	21.12	22.00	
		1	50	21.06	21.07	21.14	21.13	21.09	22.00	
		1	99	21.09	21.11	21.14	21.13	21.14	22.00	
		50	0	21.06	21.14	21.08	21.15	21.11	22.00	

		50	25	21.10	21.11	21.10	21.09	21.10	22.00
		50	50	21.07	21.09	21.12	21.10	21.08	22.00
		100	0	21.10	21.07	21.09	21.08	21.15	22.00

3 Conducted Power of Main Antenna(Ant2)

3.1 Conducted Power of GSM

GSM 1900										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	29.29	29.30	29.26	30.50	-9.19	20.10	20.11	20.07	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.27	29.25	29.27	30.50	-9.19	20.08	20.06	20.08	21.31
	2 TX Slots	26.79	26.72	26.75	28.50	-6.18	20.61	20.54	20.57	22.32
	3 TX Slots	25.03	24.94	24.97	26.50	-4.42	20.61	20.52	20.55	22.08
	4 TX Slots	23.62	23.65	23.62	25.00	-3.17	20.45	20.48	20.45	21.83
EGPRS(8PSK)	1 TX Slot	25.23	25.30	25.27	26.50	-9.19	16.04	16.11	16.08	17.31
	2 TX Slots	21.96	22.01	21.92	23.50	-6.18	15.78	15.83	15.74	17.32
	3 TX Slots	19.55	19.53	19.47	21.00	-4.42	15.13	15.11	15.05	16.58
	4 TX Slots	18.62	18.63	18.59	20.00	-3.17	15.45	15.46	15.42	16.83

GSM 1900 Receiver on/Hotspot on										
Burst Output Power(dBm)				Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel	512	661	810			512	661	810		
GSM(GMSK)	GSM	26.41	26.48	26.44	27.50	-9.19	17.22	17.29	17.25	18.31
GPRS/EGPRS (GMSK)	1 TX Slot	26.43	26.45	26.42	27.50	-9.19	17.24	17.26	17.23	18.31
	2 TX Slots	23.91	23.93	23.92	25.50	-6.18	17.73	17.75	17.74	19.32
	3 TX Slots	22.26	22.17	22.20	23.50	-4.42	17.84	17.75	17.78	19.08
	4 TX Slots	20.81	20.89	20.85	22.00	-3.17	17.64	17.72	17.68	18.83
EGPRS(8PSK)	1 TX Slot	22.41	22.52	22.47	23.50	-9.19	13.22	13.33	13.28	14.31
	2 TX Slots	19.18	19.20	19.15	20.50	-6.18	13.00	13.02	12.97	14.32
	3 TX Slots	16.72	16.72	16.66	18.00	-4.42	12.30	12.30	12.24	13.58
	4 TX Slots	15.80	15.84	15.83	17.00	-3.17	12.63	12.67	12.66	13.83

GSM 1900 Sensor 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	29.02	29.01	28.94	30.00	-9.19	19.83	19.82	19.75	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.00	28.94	28.91	30.00	-9.19	19.81	19.75	19.72	20.81
	2 TX Slots	26.45	26.47	26.46	28.00	-6.18	20.27	20.29	20.28	21.82
	3 TX Slots	24.77	24.60	24.69	26.00	-4.42	20.35	20.18	20.27	21.58
	4 TX Slots	23.33	23.33	23.34	24.50	-3.17	20.16	20.16	20.17	21.33
EGPRS(8PSK)	1 TX Slot	24.92	24.96	24.97	26.00	-9.19	15.73	15.77	15.78	16.81
	2 TX Slots	21.63	21.70	21.65	23.00	-6.18	15.45	15.52	15.47	16.82
	3 TX Slots	19.22	19.28	19.21	20.50	-4.42	14.80	14.86	14.79	16.08
	4 TX Slots	18.35	18.31	18.26	19.50	-3.17	15.18	15.14	15.09	16.33

3.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.36	23.40	23.28	25.00
	12.2kbps AMR	23.24	23.20	23.26	25.00
HSDPA	Subtest 1	22.75	22.81	22.92	24.00
	Subtest 2	22.83	22.86	22.88	24.00
	Subtest 3	22.30	22.39	22.40	23.50
	Subtest 4	22.39	22.28	22.39	23.50
HSUPA	Subtest 1	20.79	20.75	20.85	22.50
	Subtest 2	20.85	20.79	20.85	22.00
	Subtest 3	21.80	21.71	21.85	23.00
	Subtest 4	20.30	20.29	20.29	22.00
	Subtest 5	21.74	21.73	21.88	23.00
DC-HSDPA	Subtest 1	22.78	22.71	22.91	24.00
	Subtest 2	22.81	22.86	22.96	24.00
	Subtest 3	22.35	22.37	22.34	23.50
	Subtest 4	22.36	22.26	22.38	23.50
HSPA+	16QAM	20.81	20.77	20.82	22.00

WCDMA Band II Receiver on/Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.37	19.40	19.28	20.50
	12.2kbps AMR	19.23	19.39	19.27	20.50
HSDPA	Subtest 1	18.46	18.53	18.60	19.50
	Subtest 2	18.55	18.55	18.58	19.50
	Subtest 3	18.02	18.10	18.08	19.00
	Subtest 4	18.13	18.02	18.10	19.00
HSUPA	Subtest 1	16.45	16.50	16.52	18.00
	Subtest 2	16.54	16.51	16.59	17.50
	Subtest 3	17.50	17.39	17.59	18.50
	Subtest 4	16.03	16.03	15.99	17.50
	Subtest 5	17.49	17.45	17.57	18.50
DC-HSDPA	Subtest 1	18.51	18.37	18.62	19.50
	Subtest 2	18.48	18.56	18.64	19.50
	Subtest 3	18.07	18.11	18.01	19.00
	Subtest 4	18.10	17.95	18.09	19.00
HSPA+	16QAM	16.55	16.44	16.54	17.50

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.03	21.13	20.97	22.50
	12.2kbps AMR	20.94	21.05	20.94	22.50
HSDPA	Subtest 1	20.49	20.52	20.63	21.50
	Subtest 2	20.51	20.56	20.56	21.50
	Subtest 3	19.96	20.07	20.11	21.00
	Subtest 4	20.12	19.97	20.12	21.00
HSUPA	Subtest 1	18.50	18.42	18.53	20.00
	Subtest 2	18.52	18.48	18.57	19.50
	Subtest 3	19.47	19.38	19.54	20.50

	Subtest 4	17.98	18.04	17.96	19.50
	Subtest 5	19.45	19.45	19.60	20.50
DC-HSDPA	Subtest 1	20.47	20.38	20.62	21.50
	Subtest 2	20.49	20.58	20.69	21.50
	Subtest 3	20.08	20.07	20.07	21.00
	Subtest 4	20.07	19.93	20.11	21.00
	HSPA+	16QAM	18.48	18.48	18.51

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.74	23.79	23.78	25.50
	12.2kbps AMR	23.74	23.68	23.74	25.50
HSDPA	Subtest 1	23.28	23.31	23.27	24.50
	Subtest 2	23.30	23.31	23.33	24.50
	Subtest 3	22.75	22.79	22.79	24.00
	Subtest 4	22.84	22.68	22.81	24.00
HSUPA	Subtest 1	21.21	21.18	21.25	23.00
	Subtest 2	21.32	21.22	21.31	22.50
	Subtest 3	22.23	22.19	22.32	23.50
	Subtest 4	20.80	20.79	20.79	22.50
	Subtest 5	22.25	22.23	22.34	23.50
DC-HSDPA	Subtest 1	23.25	23.26	23.32	24.50
	Subtest 2	23.20	23.27	23.34	24.50
	Subtest 3	22.79	22.76	22.81	24.00
	Subtest 4	22.80	22.66	22.86	24.00
HSPA+	16QAM	21.22	21.25	21.37	22.50

WCDMA Band IV Receiver on/Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.53	20.57	20.54	21.50
	12.2kbps AMR	20.51	20.52	20.52	21.50
HSDPA	Subtest 1	19.52	19.51	19.46	20.50
	Subtest 2	19.50	19.47	19.55	20.50
	Subtest 3	18.97	19.03	19.03	20.00
	Subtest 4	19.00	18.92	19.01	20.00
HSUPA	Subtest 1	17.39	17.35	17.46	19.00
	Subtest 2	17.53	17.39	17.50	18.50
	Subtest 3	18.46	18.36	18.56	19.50
	Subtest 4	17.02	17.04	16.95	18.50
	Subtest 5	18.43	18.40	18.51	19.50
DC-HSDPA	Subtest 1	19.49	19.45	19.52	20.50
	Subtest 2	19.44	19.43	19.54	20.50
	Subtest 3	19.01	19.00	18.99	20.00
	Subtest 4	19.00	18.88	19.03	20.00
HSPA+	16QAM	17.44	17.46	17.56	18.50

WCDMA Band IV Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.39	23.40	23.36	25.00

	12.2kbps AMR	23.38	23.24	23.33	25.00
HSDPA	Subtest 1	22.91	22.88	22.84	24.00
	Subtest 2	22.91	22.96	22.91	24.00
	Subtest 3	22.37	22.36	22.39	23.50
	Subtest 4	22.46	22.27	22.46	23.50
HSUPA	Subtest 1	20.81	20.75	20.83	22.50
	Subtest 2	20.96	20.85	20.91	22.00
	Subtest 3	21.86	21.80	21.95	23.00
	Subtest 4	20.42	20.36	20.39	22.00
	Subtest 5	21.82	21.86	21.98	23.00
DC-HSDPA	Subtest 1	22.89	22.85	22.97	24.00
	Subtest 2	22.81	22.87	22.91	24.00
	Subtest 3	22.39	22.38	22.39	23.50
	Subtest 4	22.40	22.25	22.47	23.50
HSPA+	16QAM	20.86	20.88	20.97	22.00

3.3 Conducted Power of LTE

LTE Band 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	24.27	24.35	24.41	25.60	
		1	2	24.26	24.37	24.33	25.60	
		1	5	24.28	24.27	24.35	25.60	
		3	0	23.40	23.55	23.41	24.60	
		3	2	23.52	23.35	23.48	24.60	
		3	3	23.57	23.42	23.48	24.60	
	16QAM	6	0	23.47	23.53	23.44	24.60	
		1	0	23.44	23.33	23.52	24.60	
		1	2	23.32	23.45	23.28	24.60	
		1	5	23.46	23.51	23.36	24.60	
		3	0	22.52	22.55	22.39	23.60	
		3	2	22.49	22.46	22.45	23.60	
	64QAM	3	3	22.47	22.48	22.56	23.60	
		6	0	22.45	22.34	22.46	23.60	
		1	0	22.44	22.41	22.47	23.60	
		1	2	22.22	22.15	22.32	23.60	
		1	5	22.28	22.20	22.38	23.60	
		3	0	22.45	22.42	22.51	23.60	
	3MHz	QPSK	3	2	22.23	22.16	22.33	23.60
			3	3	22.32	22.20	22.40	23.60
			6	0	21.77	21.77	21.69	22.60
1			0	24.32	24.39	24.37	25.60	
1			7	24.30	24.38	24.35	25.60	
1			14	24.21	24.32	24.29	25.60	
8		0	23.38	23.58	23.42	24.60		
8	4	23.52	23.34	23.46	24.60			
8	7	23.60	23.35	23.51	24.60			
15	0	23.42	23.52	23.46	24.60			
16QAM	1	0	23.41	23.36	23.52	24.60		

		1	7	23.32	23.51	23.27	24.60	
		1	14	23.37	23.47	23.38	24.60	
		8	0	22.52	22.55	22.45	23.60	
		8	4	22.42	22.46	22.46	23.60	
		8	7	22.52	22.49	22.64	23.60	
		15	0	22.51	22.26	22.43	23.60	
	64QAM	1	0	22.44	22.36	22.53	23.60	
		1	7	22.19	22.18	22.32	23.60	
		1	14	22.31	22.23	22.37	23.60	
		8	0	21.60	21.61	21.65	22.60	
		8	4	21.45	21.61	21.49	22.60	
		8	7	21.73	21.75	21.64	22.60	
		15	0	21.73	21.72	21.73	22.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	24.33	24.36	24.40	25.60	
		1	13	24.32	24.30	24.30	25.60	
		1	24	24.20	24.24	24.29	25.60	
		12	0	23.39	23.53	23.41	24.60	
		12	6	23.55	23.31	23.47	24.60	
		12	13	23.56	23.38	23.52	24.60	
	16QAM	25	0	23.44	23.55	23.40	24.60	
		1	0	23.47	23.31	23.50	24.60	
		1	13	23.27	23.49	23.28	24.60	
		1	24	23.40	23.55	23.36	24.60	
		12	0	22.48	22.56	22.41	23.60	
		12	6	22.48	22.43	22.48	23.60	
	64QAM	12	13	22.44	22.42	22.62	23.60	
		25	0	22.43	22.26	22.42	23.60	
		1	0	22.38	22.34	22.50	23.60	
		1	13	22.22	22.15	22.27	23.60	
		1	24	22.34	22.23	22.33	23.60	
		12	0	21.59	21.69	21.66	22.60	
	10MHz	QPSK	12	6	21.44	21.54	21.57	22.60
			12	13	21.78	21.79	21.64	22.60
			25	0	21.76	21.75	21.76	22.60
			1	0	24.33	24.37	24.41	25.60
			1	25	24.32	24.34	24.37	25.60
			1	49	24.20	24.24	24.28	25.60
10MHz	16QAM	25	0	23.41	23.54	23.43	24.60	
		25	13	23.54	23.36	23.50	24.60	
		25	25	23.52	23.40	23.49	24.60	
		50	0	23.45	23.55	23.44	24.60	
		1	0	23.45	23.31	23.53	24.60	
		1	25	23.34	23.46	23.32	24.60	
	64QAM	1	49	23.43	23.52	23.40	24.60	
		25	0	22.51	22.61	22.37	23.60	
		25	13	22.42	22.43	22.47	23.60	
		25	25	22.48	22.45	22.58	23.60	
		50	0	22.45	22.28	22.42	23.60	
		1	0	22.40	22.37	22.54	23.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	64QAM	1	25	22.20	22.21	22.33	23.60	
		1	49	22.34	22.28	22.33	23.60	
		1	49	22.34	22.28	22.33	23.60	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	25	0	21.63	21.67	21.61	22.60
		25	13	21.47	21.57	21.50	22.60
		25	25	21.79	21.74	21.64	22.60
		50	0	21.77	21.78	21.71	22.60
		1	0	24.31	24.42	24.42	25.60
		1	38	24.31	24.31	24.34	25.60
	16QAM	1	74	24.24	24.28	24.28	25.60
		36	0	23.43	23.58	23.38	24.60
		36	18	23.54	23.36	23.49	24.60
		36	39	23.59	23.42	23.44	24.60
		75	0	23.49	23.58	23.48	24.60
		1	0	23.48	23.36	23.46	24.60
		1	38	23.28	23.52	23.26	24.60
		1	74	23.38	23.51	23.35	24.60
		36	0	22.49	22.56	22.42	23.60
		36	18	22.41	22.44	22.48	23.60
	64QAM	36	39	22.51	22.48	22.58	23.60
		75	0	22.44	22.32	22.40	23.60
		1	0	22.40	22.43	22.46	23.60
		1	38	22.17	22.17	22.32	23.60
1		74	22.29	22.21	22.39	23.60	
36		0	21.57	21.69	21.63	22.60	
36		18	21.46	21.58	21.51	22.60	
36		39	21.79	21.79	21.69	22.60	
75	0	21.76	21.81	21.69	22.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.26	24.44	24.36	25.60
		1	50	24.28	24.34	24.35	25.60
		1	99	24.22	24.32	24.30	25.60
		50	0	23.46	23.60	23.38	24.60
		50	25	23.56	23.34	23.51	24.60
		50	50	23.59	23.38	23.46	24.60
		100	0	23.42	23.52	23.46	24.60
	16QAM	1	0	23.46	23.32	23.49	24.60
		1	50	23.27	23.46	23.26	24.60
		1	99	23.40	23.49	23.37	24.60
		50	0	22.51	22.54	22.38	23.60
		50	25	22.48	22.47	22.48	23.60
		50	50	22.49	22.43	22.58	23.60
		100	0	22.45	22.27	22.41	23.60
	64QAM	1	0	22.43	22.41	22.54	23.60
		1	50	22.20	22.22	22.32	23.60
		1	99	22.29	22.24	22.33	23.60
		50	0	21.62	21.65	21.66	22.60
		50	25	21.51	21.59	21.56	22.60
		50	50	21.80	21.77	21.64	22.60
100		0	21.72	21.74	21.67	22.60	

LTE Band 4 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19957	20175	20393		
1.4MHz	QPSK	1	0	15.96	16.10	16.03	17.10	
		1	2	16.02	16.04	16.01	17.10	
		1	5	16.00	16.04	15.95	17.10	
		3	0	15.97	16.11	16.01	17.10	
		3	2	16.02	15.99	15.93	17.10	
		3	3	15.99	16.03	15.99	17.10	
	16QAM	1	0	16.00	15.98	15.99	17.10	
		1	2	16.02	15.94	16.07	17.10	
		1	5	15.97	15.97	16.05	17.10	
		3	0	15.99	16.05	16.01	17.10	
		3	2	16.01	16.09	15.98	17.10	
		3	3	16.01	16.03	16.00	17.10	
	64QAM	6	0	16.07	16.07	16.00	17.10	
		1	0	16.03	16.00	15.97	17.10	
		1	2	16.01	15.99	16.02	17.10	
		1	5	16.00	15.98	16.02	17.10	
		3	0	16.00	16.08	15.95	17.10	
		3	2	15.99	15.98	15.98	17.10	
			3	3	15.96	16.00	15.99	17.10
			6	0	16.00	16.04	15.98	17.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385		
3MHz	QPSK	1	0	16.00	16.15	15.98	17.10	
		1	7	16.00	16.02	15.96	17.10	
		1	14	16.02	16.04	16.02	17.10	
		8	0	16.02	16.17	16.03	17.10	
		8	4	16.02	16.00	15.93	17.10	
		8	7	16.00	16.00	16.01	17.10	
	16QAM	15	0	15.99	16.01	15.97	17.10	
		1	0	15.95	15.95	15.99	17.10	
		1	7	15.98	15.97	16.02	17.10	
		1	14	15.97	15.94	16.06	17.10	
		8	0	16.01	16.07	15.99	17.10	
		8	4	16.00	16.04	15.99	17.10	
	64QAM	8	7	16.01	16.02	16.07	17.10	
		15	0	16.04	16.02	16.02	17.10	
		1	0	15.98	15.97	15.99	17.10	
		1	7	16.01	16.03	16.02	17.10	
		1	14	16.02	15.94	16.03	17.10	
		8	0	16.00	16.05	16.01	17.10	
			8	4	16.05	15.99	15.93	17.10
			8	7	15.95	16.03	15.99	17.10
			15	0	16.00	16.04	16.01	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	15.95	16.15	16.06	17.10	
		1	13	16.08	15.99	16.01	17.10	
		1	24	15.96	16.07	15.95	17.10	
		12	0	15.97	16.10	16.07	17.10	
		12	6	15.95	15.97	15.94	17.10	
		12	13	16.00	15.99	16.01	17.10	
		25	0	15.94	15.97	15.92	17.10	

	16QAM	1	0	15.99	16.01	16.01	17.10
		1	13	16.00	15.96	16.06	17.10
		1	24	16.03	15.97	16.06	17.10
		12	0	16.07	16.09	16.01	17.10
		12	6	15.94	16.06	15.94	17.10
		12	13	15.99	15.99	16.02	17.10
		25	0	16.02	16.06	16.01	17.10
	64QAM	1	0	15.98	16.04	15.98	17.10
		1	13	16.04	16.01	16.02	17.10
		1	24	15.99	16.02	16.02	17.10
		12	0	16.04	16.01	16.01	17.10
		12	6	15.97	16.02	15.97	17.10
		12	13	16.02	16.03	16.02	17.10
	25	0	15.98	16.08	16.04	17.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.98	16.12	16.06	17.10
		1	25	16.00	16.03	16.00	17.10
		1	49	15.95	16.06	15.98	17.10
		25	0	16.02	16.12	16.07	17.10
		25	13	15.99	16.00	15.95	17.10
		25	25	16.01	16.05	15.96	17.10
		50	0	16.01	16.01	15.92	17.10
	16QAM	1	0	16.00	15.94	16.03	17.10
		1	25	15.99	16.00	16.09	17.10
		1	49	15.98	15.99	16.05	17.10
		25	0	16.07	16.07	16.01	17.10
		25	13	15.94	16.00	15.98	17.10
		25	25	15.96	16.04	16.02	17.10
	50	0	16.01	16.04	15.97	17.10	
	64QAM	1	0	16.00	16.02	16.01	17.10
		1	25	16.04	16.04	16.02	17.10
		1	49	16.04	15.94	15.97	17.10
		25	0	16.04	16.01	16.02	17.10
		25	13	16.00	16.01	15.95	17.10
		25	25	16.03	15.99	15.95	17.10
		50	0	15.94	16.05	15.98	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.02	16.18	16.03	17.10
		1	38	16.04	16.00	15.97	17.10
		1	74	15.97	16.05	15.97	17.10
		36	0	16.02	16.12	16.06	17.10
		36	18	16.02	16.02	15.94	17.10
		36	39	16.04	16.03	15.99	17.10
		75	0	15.97	16.01	15.94	17.10
	16QAM	1	0	15.99	16.00	16.03	17.10
		1	38	16.04	15.98	16.09	17.10
		1	74	16.00	15.96	15.99	17.10
		36	0	16.02	16.02	15.99	17.10
		36	18	15.94	16.01	15.96	17.10
		36	39	15.99	16.00	16.07	17.10
	75	0	16.04	16.00	16.00	17.10	
	64QAM	1	0	15.99	15.99	16.01	17.10
		1	38	16.02	15.99	16.03	17.10
		1	74	16.01	15.98	16.00	17.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	36	0	16.07	16.08	15.98	17.10
		36	18	16.05	15.96	15.99	17.10
		36	39	15.97	15.95	16.02	17.10
		75	0	15.96	16.01	15.99	17.10
		1	0	16.00	16.25	16.07	17.10
		1	50	16.00	16.01	15.95	17.10
	16QAM	1	99	15.96	16.03	15.94	17.10
		50	0	16.01	16.11	16.01	17.10
		50	25	15.97	16.02	15.96	17.10
		50	50	16.01	16.05	16.00	17.10
		100	0	16.00	16.02	15.95	17.10
		1	0	16.02	15.97	16.01	17.10
	64QAM	1	50	16.00	15.97	16.06	17.10
		1	99	16.02	16.00	16.04	17.10
		50	0	16.07	16.02	16.02	17.10
		50	25	15.98	16.04	15.98	17.10
		50	50	16.00	15.99	16.08	17.10
		100	0	16.07	16.05	16.02	17.10
	64QAM	1	0	16.05	15.96	16.06	17.10
		1	50	16.06	16.00	15.96	17.10
		1	99	15.97	15.98	16.00	17.10
		50	0	15.99	16.01	15.96	17.10
		50	25	15.99	16.01	15.98	17.10
		50	50	15.97	16.01	16.00	17.10
		100	0	15.97	16.06	16.05	17.10

LTE Band 4 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.15	23.06	23.16	24.10
		1	2	23.15	23.12	23.12	24.10
		1	5	23.14	23.10	23.08	24.10
		3	0	23.19	23.18	23.08	24.10
		3	2	23.12	23.16	23.10	24.10
		3	3	23.05	23.14	23.15	24.10
	16QAM	6	0	23.07	23.15	23.12	24.10
		1	0	23.05	23.07	23.07	24.10
		1	2	23.12	23.16	23.16	24.10
		1	5	23.08	23.04	23.14	24.10
		3	0	22.48	22.45	22.56	23.60
		3	2	22.49	22.42	22.50	23.60
	64QAM	3	3	22.52	22.51	22.60	23.60
		6	0	22.42	22.37	22.42	23.60
		1	0	22.48	22.43	22.46	23.60
		1	2	22.26	22.16	22.35	23.60
		1	5	22.32	22.22	22.39	23.60
		3	0	22.46	22.44	22.49	23.60
	64QAM	3	2	22.22	22.13	22.31	23.60
		3	3	22.35	22.18	22.41	23.60
		6	0	21.79	21.76	21.73	22.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.13	23.09	23.19	24.10
		1	7	23.16	23.14	23.17	24.10
		1	14	23.11	23.07	23.06	24.10
		8	0	23.11	23.15	23.13	24.10
		8	4	23.12	23.10	23.14	24.10
		8	7	23.07	23.12	23.19	24.10
	16QAM	15	0	23.08	23.11	23.04	24.10
		1	0	23.08	23.06	23.05	24.10
		1	7	23.13	23.10	23.19	24.10
		1	14	23.10	23.05	23.12	24.10
		8	0	22.51	22.50	22.55	23.60
		8	4	22.46	22.46	22.43	23.60
	64QAM	8	7	22.50	22.44	22.57	23.60
		15	0	22.49	22.31	22.47	23.60
		1	0	22.44	22.41	22.44	23.60
		1	7	22.19	22.17	22.36	23.60
		1	14	22.26	22.21	22.37	23.60
		8	0	21.80	21.74	21.67	22.60
5MHz	QPSK	8	4	21.82	21.82	21.70	22.60
		8	7	21.75	21.82	21.71	22.60
		15	0	21.77	21.79	21.71	22.60
		1	0	23.16	23.08	23.19	24.10
		1	13	23.19	23.16	23.12	24.10
		1	24	23.15	23.09	23.10	24.10
5MHz	QPSK	12	0	23.10	23.15	23.14	24.10
		12	6	23.13	23.17	23.09	24.10
		12	13	23.07	23.07	23.15	24.10
		25	0	23.14	23.13	23.09	24.10
		1	0	23.12	23.07	23.12	24.10
		1	13	23.06	23.09	23.18	24.10
	16QAM	1	24	23.04	23.07	23.11	24.10
		12	0	22.47	22.52	22.56	23.60
		12	6	22.51	22.43	22.48	23.60
		12	13	22.48	22.53	22.57	23.60
		25	0	22.49	22.35	22.43	23.60
		64QAM	1	0	22.48	22.44	22.44
	1		13	22.24	22.12	22.29	23.60
	1		24	22.25	22.18	22.39	23.60
	12		0	21.81	21.74	21.70	22.60
	12		6	21.74	21.77	21.72	22.60
	12		13	21.74	21.77	21.70	22.60
	10MHz	QPSK	25	0	21.81	21.77	21.69
1			0	23.09	23.08	23.12	24.10
1			25	23.15	23.18	23.19	24.10
1			49	23.14	23.10	23.07	24.10
25			0	23.13	23.10	23.15	24.10
25			13	23.11	23.16	23.12	24.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	25	25	23.06	23.09	23.18	24.10

		50	0	23.07	23.10	23.06	24.10
	16QAM	1	0	23.07	23.04	23.03	24.10
		1	25	23.07	23.10	23.17	24.10
		1	49	23.08	23.06	23.14	24.10
		25	0	22.51	22.44	22.58	23.60
		25	13	22.53	22.45	22.49	23.60
		25	25	22.45	22.48	22.55	23.60
		50	0	22.42	22.31	22.44	23.60
	64QAM	1	0	22.46	22.44	22.46	23.60
		1	25	22.21	22.12	22.32	23.60
		1	49	22.30	22.21	22.39	23.60
		25	0	21.79	21.74	21.70	22.60
		25	13	21.74	21.82	21.72	22.60
		25	25	21.82	21.81	21.66	22.60
		50	0	21.76	21.77	21.70	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.15	23.14	23.18	24.10
		1	38	23.19	23.10	23.12	24.10
		1	74	23.15	23.08	23.10	24.10
		36	0	23.18	23.16	23.14	24.10
		36	18	23.10	23.08	23.09	24.10
		36	39	23.09	23.08	23.19	24.10
		75	0	23.10	23.16	23.08	24.10
	16QAM	1	0	23.09	23.09	23.07	24.10
		1	38	23.06	23.10	23.19	24.10
		1	74	23.03	23.08	23.12	24.10
		36	0	22.48	22.45	22.56	23.60
		36	18	22.53	22.43	22.47	23.60
		36	39	22.50	22.47	22.58	23.60
		75	0	22.49	22.37	22.49	23.60
	64QAM	1	0	22.47	22.44	22.47	23.60
		1	38	22.23	22.13	22.32	23.60
		1	74	22.31	22.21	22.35	23.60
		36	0	21.74	21.78	21.67	22.60
		36	18	21.77	21.77	21.71	22.60
		36	39	21.76	21.78	21.74	22.60
		75	0	21.82	21.75	21.70	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.12	23.21	23.13	24.10
		1	50	23.12	23.15	23.13	24.10
		1	99	23.09	23.12	23.11	24.10
		50	0	23.12	23.18	23.08	24.10
		50	25	23.13	23.09	23.09	24.10
		50	50	23.10	23.16	23.17	24.10
		100	0	23.11	23.14	23.06	24.10
	16QAM	1	0	23.13	23.10	23.07	24.10
		1	50	23.13	23.13	23.14	24.10
		1	99	23.07	23.13	23.08	24.10
		50	0	22.49	22.51	22.58	23.60
		50	25	22.45	22.48	22.42	23.60
		50	50	22.43	22.44	22.55	23.60
		100	0	22.45	22.38	22.49	23.60
	64QAM	1	0	22.43	22.44	22.48	23.60
		1	50	22.22	22.11	22.35	23.60

		1	99	22.32	22.18	22.34	23.60
		50	0	21.79	21.76	21.71	22.60
		50	25	21.77	21.74	21.69	22.60
		50	50	21.79	21.76	21.71	22.60
		100	0	21.80	21.75	21.70	22.60

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.77	24.85	24.85	25.60
		1	13	24.83	24.81	24.85	25.60
		1	24	24.69	24.80	24.85	25.60
		12	0	23.92	24.08	23.93	24.60
		12	6	24.05	23.83	23.97	24.60
		12	13	24.06	23.87	23.96	24.60
		25	0	23.93	24.07	23.93	24.60
	16QAM	1	0	23.97	23.87	24.01	24.60
		1	13	23.82	23.96	23.77	24.60
		1	24	23.91	24.05	23.92	24.60
		12	0	23.01	23.06	22.89	23.60
		12	6	22.92	22.92	23.01	23.60
		12	13	23.01	22.94	23.11	23.60
		25	0	22.96	22.81	22.94	23.60
	64QAM	1	0	22.94	22.93	23.03	23.60
		1	13	22.69	22.66	22.82	23.60
		1	24	22.77	22.74	22.86	23.60
		12	0	22.14	22.18	22.17	22.60
		12	6	21.94	22.02	22.08	22.60
		12	13	22.29	22.30	22.11	22.60
		25	0	22.28	22.25	22.25	22.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.82	24.85	24.91	25.60
		1	25	24.82	24.84	24.86	25.60
		1	49	24.74	24.75	24.76	25.60
		25	0	23.88	24.07	23.95	24.60
		25	13	24.01	23.81	23.98	24.60
		25	25	24.03	23.91	23.95	24.60
		50	0	23.94	24.08	23.98	24.60
	16QAM	1	0	23.95	23.83	23.96	24.60
		1	25	23.80	24.02	23.83	24.60
		1	49	23.91	23.97	23.85	24.60
		25	0	23.05	23.06	22.89	23.60
		25	13	22.96	22.90	22.95	23.60
		25	25	22.99	22.98	23.08	23.60
		50	0	22.94	22.76	22.96	23.60
	64QAM	1	0	22.96	22.91	23.05	23.60
		1	25	22.69	22.68	22.80	23.60

		1	49	22.80	22.71	22.90	23.60	
		25	0	22.14	22.17	22.14	22.60	
		25	13	21.98	22.10	22.05	22.60	
		25	25	22.22	22.22	22.18	22.60	
		50	0	22.23	22.25	22.18	22.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	24.82	24.93	24.89	25.60	
		1	38	24.77	24.85	24.80	25.60	
		1	74	24.72	24.75	24.82	25.60	
		36	0	23.89	24.03	23.93	24.60	
		36	18	24.02	23.85	23.98	24.60	
		36	39	24.06	23.85	23.99	24.60	
	16QAM	75	0	23.93	24.07	23.93	24.60	
		1	0	23.97	23.85	23.96	24.60	
		1	38	23.83	23.98	23.83	24.60	
		1	74	23.95	24.01	23.89	24.60	
		36	0	23.03	23.06	22.94	23.60	
		36	18	22.95	22.97	22.96	23.60	
	64QAM	36	39	22.99	22.94	23.09	23.60	
		75	0	23.01	22.80	22.92	23.60	
		1	0	22.91	22.87	22.97	23.60	
		1	38	22.74	22.68	22.78	23.60	
		1	74	22.85	22.78	22.83	23.60	
		36	0	22.10	22.13	22.15	22.60	
	20MHz	QPSK	36	18	21.97	22.07	22.02	22.60
			36	39	22.24	22.21	22.15	22.60
			75	0	22.26	22.26	22.23	22.60
1			0	24.77	24.96	24.86	25.60	
1			50	24.84	24.81	24.80	25.60	
1			99	24.69	24.79	24.80	25.60	
16QAM		50	0	23.94	24.08	23.92	24.60	
		50	25	24.06	23.88	23.97	24.60	
		50	50	24.01	23.87	23.99	24.60	
		100	0	23.99	24.06	23.95	24.60	
		1	0	23.91	23.89	24.00	24.60	
		1	50	23.79	23.96	23.79	24.60	
64QAM		1	99	23.96	24.02	23.84	24.60	
		50	0	23.03	23.09	22.92	23.60	
		50	25	22.99	22.95	22.98	23.60	
		50	50	22.97	22.95	23.08	23.60	
		100	0	22.97	22.80	22.94	23.60	
		1	0	22.91	22.88	23.00	23.60	
16QAM		1	50	22.72	22.66	22.79	23.60	
		1	99	22.86	22.74	22.88	23.60	
		50	0	22.09	22.13	22.12	22.60	
	50	25	21.98	22.04	22.07	22.60		
	50	50	22.25	22.24	22.15	22.60		
	100	0	22.28	22.25	22.21	22.60		

LTE Band 7 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.95	17.87	17.92	18.60
		1	13	17.94	17.94	17.88	18.60
		1	24	17.88	17.92	17.88	18.60
		12	0	17.87	17.91	17.86	18.60
		12	6	17.92	17.91	17.95	18.60
		12	13	17.95	17.90	17.93	18.60
		25	0	17.89	17.88	17.94	18.60
	16QAM	1	0	17.90	17.92	17.92	18.60
		1	13	17.94	17.91	17.94	18.60
		1	24	17.86	17.89	17.92	18.60
		12	0	17.91	17.90	17.93	18.60
		12	6	17.94	17.88	17.88	18.60
		12	13	17.86	17.94	17.92	18.60
		25	0	17.87	17.88	17.89	18.60
	64QAM	1	0	17.93	17.87	17.87	18.60
		1	13	17.88	17.90	17.94	18.60
		1	24	17.87	17.94	17.94	18.60
		12	0	17.90	17.91	17.92	18.60
		12	6	17.89	17.95	17.94	18.60
		12	13	17.92	17.94	17.93	18.60
		25	0	17.91	17.92	17.92	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.86	17.89	17.92	18.60
		1	25	17.87	17.94	17.93	18.60
		1	49	17.95	17.87	17.87	18.60
		25	0	17.95	17.92	17.95	18.60
		25	13	17.89	17.89	17.91	18.60
		25	25	17.87	17.91	17.91	18.60
		50	0	17.93	17.93	17.93	18.60
	16QAM	1	0	17.90	17.88	17.88	18.60
		1	25	17.91	17.91	17.87	18.60
		1	49	17.91	17.90	17.91	18.60
		25	0	17.86	17.94	17.92	18.60
		25	13	17.86	17.92	17.89	18.60
		25	25	17.89	17.92	17.91	18.60
		50	0	17.94	17.89	17.87	18.60
	64QAM	1	0	17.92	17.93	17.86	18.60
		1	25	17.94	17.87	17.88	18.60
		1	49	17.89	17.86	17.91	18.60
		25	0	17.95	17.93	17.95	18.60
		25	13	17.91	17.94	17.91	18.60
		25	25	17.92	17.88	17.93	18.60
		50	0	17.92	17.88	17.87	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	17.87	17.91	17.91	18.60
		1	38	17.95	17.93	17.86	18.60
		1	74	17.90	17.87	17.89	18.60
		36	0	17.91	17.94	17.93	18.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	16QAM	36	18	17.89	17.93	17.90	18.60	
		36	39	17.89	17.91	17.88	18.60	
		75	0	17.89	17.93	17.88	18.60	
		1	0	17.95	17.90	17.92	18.60	
		1	38	17.87	17.90	17.92	18.60	
		1	74	17.92	17.94	17.88	18.60	
		36	0	17.87	17.86	17.91	18.60	
		36	18	17.90	17.92	17.94	18.60	
		36	39	17.86	17.92	17.94	18.60	
	64QAM	75	0	17.92	17.89	17.86	18.60	
		1	0	17.87	17.89	17.92	18.60	
		1	38	17.90	17.94	17.93	18.60	
		1	74	17.91	17.90	17.87	18.60	
		36	0	17.86	17.86	17.89	18.60	
		36	18	17.93	17.94	17.88	18.60	
		36	39	17.87	17.88	17.94	18.60	
		75	0	17.92	17.94	17.87	18.60	
		20MHz	QPSK	1	0	17.89	17.98	17.94
	1			50	17.90	17.88	17.88	18.60
	1			99	17.89	17.89	17.87	18.60
	50			0	17.87	17.96	17.94	18.60
	50			25	17.90	17.95	17.91	18.60
	50			50	17.87	17.86	17.87	18.60
	100			0	17.92	17.94	17.89	18.60
	16QAM		1	0	17.88	17.93	17.88	18.60
			1	50	17.93	17.94	17.93	18.60
			1	99	17.90	17.87	17.91	18.60
			50	0	17.94	17.95	17.86	18.60
50			25	17.91	17.95	17.90	18.60	
50			50	17.90	17.91	17.87	18.60	
100			0	17.89	17.87	17.87	18.60	
64QAM	1		0	17.93	17.88	17.93	18.60	
	1		50	17.91	17.86	17.86	18.60	
	1		99	17.89	17.91	17.93	18.60	
	50		0	17.93	17.88	17.89	18.60	
	50		25	17.86	17.91	17.95	18.60	
	50		50	17.87	17.88	17.91	18.60	
	100		0	17.91	17.91	17.92	18.60	

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.97	21.03	20.97	21.60
		1	13	21.00	21.01	20.96	21.60
		1	24	21.04	21.00	21.04	21.60
		12	0	21.04	20.97	20.98	21.60
		12	6	20.96	21.04	21.01	21.60
		12	13	20.98	20.99	21.00	21.60
		25	0	20.97	20.98	21.00	21.60
	16QAM	1	0	21.04	21.03	20.98	21.60
		1	13	21.03	21.01	20.99	21.60

		1	24	21.03	21.03	21.03	21.60
		12	0	21.02	20.97	20.99	21.60
		12	6	21.04	20.97	21.04	21.60
		12	13	20.99	20.96	20.98	21.60
		25	0	20.97	20.99	20.98	21.60
		25	13	21.03	21.00	20.98	21.60
	64QAM	1	0	21.01	21.01	21.00	21.60
		1	13	20.99	21.03	20.97	21.60
		1	24	20.97	21.00	21.02	21.60
		12	0	20.97	20.98	21.03	21.60
		12	6	21.03	21.00	20.98	21.60
		12	13	21.03	21.04	21.01	21.60
25	0	21.01	20.98	21.04	21.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.04	21.04	21.00	21.60
		1	25	20.98	20.99	21.04	21.60
		1	49	20.97	21.03	21.04	21.60
		25	0	20.98	20.98	21.01	21.60
		25	13	21.01	20.97	21.02	21.60
		25	25	21.00	21.03	20.97	21.60
		50	0	20.98	21.04	20.99	21.60
	16QAM	1	0	21.03	21.04	20.97	21.60
		1	25	21.00	20.96	20.97	21.60
		1	49	21.01	21.03	20.98	21.60
		25	0	21.02	20.99	20.98	21.60
		25	13	20.99	21.02	20.99	21.60
		25	25	20.99	21.01	21.01	21.60
		50	0	21.01	20.98	20.98	21.60
	64QAM	1	0	21.00	21.04	20.97	21.60
		1	25	21.00	21.03	20.98	21.60
		1	49	21.00	21.04	20.98	21.60
		25	0	21.03	21.05	21.04	21.60
		25	13	21.02	21.01	21.03	21.60
		25	25	20.99	21.03	20.97	21.60
		50	0	21.05	20.97	20.96	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.01	21.03	20.97	21.60
		1	38	21.00	21.03	21.01	21.60
		1	74	21.01	20.99	20.97	21.60
		36	0	21.00	21.00	21.04	21.60
		36	18	20.98	20.98	20.97	21.60
		36	39	21.04	21.04	21.02	21.60
		75	0	21.00	20.99	21.04	21.60
	16QAM	1	0	20.98	20.96	21.01	21.60
		1	38	21.00	21.00	21.05	21.60
		1	74	20.99	21.02	20.99	21.60
		36	0	20.97	21.01	21.02	21.60
		36	18	20.97	21.01	20.99	21.60
		36	39	21.02	21.00	20.98	21.60
		75	0	20.97	21.05	21.01	21.60
	64QAM	1	0	21.01	21.00	21.04	21.60
		1	38	21.00	21.00	21.01	21.60
		1	74	21.00	20.99	20.97	21.60
		36	0	21.01	20.99	20.96	21.60
		36	18	20.98	21.00	21.02	21.60

Bandwidth	Modulation	36	39	21.01	21.01	21.04	21.60
		75	0	20.96	21.03	21.01	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.02	21.11	21.03	21.60
		1	50	21.02	21.00	21.04	21.60
		1	99	21.03	21.01	21.01	21.60
		50	0	21.02	21.05	21.00	21.60
		50	25	21.03	21.02	20.96	21.60
		50	50	21.03	21.04	20.99	21.60
		100	0	20.99	21.03	20.98	21.60
	16QAM	1	0	20.99	20.96	20.97	21.60
		1	50	20.98	21.05	20.99	21.60
		1	99	20.99	21.00	21.01	21.60
		50	0	21.01	21.01	21.01	21.60
		50	25	21.04	21.01	21.01	21.60
		50	50	21.03	20.97	20.96	21.60
		100	0	21.01	21.01	21.01	21.60
	64QAM	1	0	21.04	20.99	20.97	21.60
		1	50	21.03	21.03	20.99	21.60
		1	99	21.00	20.98	21.02	21.60
		50	0	21.02	21.01	21.01	21.60
		50	25	20.98	21.01	21.03	21.60
		50	50	20.97	21.01	21.01	21.60
		100	0	21.04	20.97	20.97	21.60

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.52	23.52	23.51	24.10
		1	13	23.53	23.56	23.53	24.10
		1	24	23.39	23.51	23.57	24.10
		12	0	22.67	22.75	22.67	23.10
		12	6	22.71	22.57	22.65	23.10
		12	13	22.81	22.56	22.66	23.10
		25	0	22.65	22.75	22.63	23.10
	16QAM	1	0	22.64	22.56	22.71	23.10
		1	13	22.56	22.70	22.49	23.10
		1	24	22.64	22.73	22.64	23.10
		12	0	21.75	21.72	21.57	22.10
		12	6	21.63	21.65	21.72	22.10
		12	13	21.75	21.66	21.81	22.10
		25	0	21.64	21.51	21.64	22.10
	64QAM	1	0	21.68	21.61	21.77	22.10
		1	13	21.36	21.39	21.52	22.10
		1	24	21.46	21.45	21.54	22.10
		12	0	20.83	20.88	20.91	21.10
		12	6	20.65	20.68	20.75	21.10
		12	13	20.98	21.02	20.81	21.10
		25	0	21.02	20.98	20.94	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20800	21100	21400	24.10
				23.45	23.56	23.57	

		1	25	23.54	23.55	23.59	24.10
		1	49	23.38	23.54	23.56	24.10
		25	0	22.59	22.79	22.61	23.10
		25	13	22.80	22.55	22.71	23.10
		25	25	22.80	22.59	22.70	23.10
		50	0	22.60	22.79	22.68	23.10
	16QAM	1	0	22.67	22.59	22.70	23.10
		1	25	22.53	22.69	22.46	23.10
		1	49	22.59	22.77	22.61	23.10
		25	0	21.75	21.78	21.61	22.10
		25	13	21.65	21.58	21.75	22.10
		25	25	21.72	21.66	21.85	22.10
	64QAM	50	0	21.67	21.48	21.61	22.10
		1	0	21.68	21.66	21.77	22.10
		1	25	21.35	21.39	21.53	22.10
		1	49	21.51	21.48	21.54	22.10
		25	0	20.82	20.88	20.84	21.10
		25	13	20.63	20.69	20.78	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.49	23.55	23.53	24.10
		1	38	23.52	23.51	23.60	24.10
		1	74	23.40	23.47	23.56	24.10
		36	0	22.58	22.75	22.60	23.10
		36	18	22.76	22.50	22.66	23.10
		36	39	22.75	22.57	22.63	23.10
	16QAM	75	0	22.65	22.75	22.62	23.10
		1	0	22.65	22.59	22.68	23.10
		1	38	22.51	22.68	22.49	23.10
		1	74	22.64	22.78	22.61	23.10
		36	0	21.68	21.75	21.57	22.10
		36	18	21.59	21.59	21.76	22.10
	64QAM	36	39	21.68	21.65	21.83	22.10
		75	0	21.66	21.54	21.62	22.10
		1	0	21.60	21.63	21.76	22.10
		1	38	21.41	21.40	21.55	22.10
		1	74	21.47	21.45	21.54	22.10
		36	0	20.83	20.90	20.88	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	36	39	20.97	20.97	20.77	21.10
		75	0	20.99	20.93	20.91	21.10
		1	0	23.50	23.64	23.58	24.10
		1	50	23.55	23.48	23.57	24.10
		1	99	23.44	23.54	23.52	24.10
		50	0	22.62	22.76	22.67	23.10
	16QAM	50	25	22.72	22.53	22.65	23.10
		50	50	22.75	22.61	22.69	23.10
		100	0	22.60	22.82	22.60	23.10
		1	0	22.66	22.58	22.72	23.10
		1	50	22.52	22.66	22.44	23.10
		1	99	22.59	22.78	22.62	23.10
		50	0	21.74	21.78	21.63	22.10

		50	25	21.65	21.63	21.70	22.10
		50	50	21.74	21.62	21.86	22.10
		100	0	21.62	21.47	21.65	22.10
	64QAM	1	0	21.65	21.63	21.76	22.10
		1	50	21.35	21.33	21.55	22.10
		1	99	21.47	21.48	21.52	22.10
		50	0	20.82	20.90	20.88	21.10
		50	25	20.67	20.75	20.78	21.10
		50	50	20.97	21.02	20.82	21.10
		100	0	21.02	20.98	20.99	21.10

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.26	24.40	24.38	25.70
		1	2	24.34	24.32	24.36	25.70
		1	5	24.19	24.30	24.27	25.70
		3	0	23.44	23.55	23.43	24.70
		3	1	23.54	23.38	23.51	24.70
		3	3	23.60	23.37	23.48	24.70
	16QAM	6	0	23.43	23.56	23.48	24.70
		1	0	23.46	23.35	23.49	24.70
		1	2	23.27	23.47	23.26	24.70
		1	5	23.44	23.50	23.40	24.70
		3	0	22.54	22.58	22.43	23.70
		3	1	22.44	22.39	22.45	23.70
		3	3	22.52	22.44	22.61	23.70
	64QAM	6	0	22.51	22.29	22.42	23.70
		1	0	22.44	22.41	22.46	23.70
		1	2	22.19	22.18	22.27	23.70
		1	5	22.30	22.23	22.33	23.70
		3	0	22.52	22.50	22.58	23.70
		3	1	22.52	22.32	22.41	23.70
		3	3	22.39	22.42	22.46	23.70
	3MHz	QPSK	6	0	21.72	21.80	21.74
1			0	24.29	24.42	24.35	25.70
1	7		24.33	24.38	24.36	25.70	
1	14		24.24	24.30	24.33	25.70	
8	0		23.43	23.58	23.41	24.70	
8	4		23.49	23.33	23.44	24.70	
16QAM	8	7	23.52	23.35	23.44	24.70	
	15	0	23.45	23.51	23.43	24.70	
	1	0	23.41	23.39	23.51	24.70	
	1	7	23.29	23.47	23.32	24.70	
	1	14	23.44	23.53	23.36	24.70	
	8	0	22.52	22.58	22.37	23.70	
	8	4	22.45	22.40	22.51	23.70	
				Channel	Channel	Channel	Tune up
				131987	132322	132657	
				22.47	22.45	22.61	23.70
				22.43	22.32	22.42	23.70

		1	0	22.42	22.36	22.53	23.70	
		1	7	22.20	22.20	22.31	23.70	
		1	14	22.32	22.23	22.40	23.70	
	64QAM	8	0	21.62	21.70	21.65	22.70	
		8	4	21.48	21.53	21.53	22.70	
		8	7	21.74	21.79	21.70	22.70	
		15	0	21.72	21.80	21.72	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up	
5MHz	QPSK	1	0	24.27	24.36	24.38	25.70	
		1	13	24.29	24.33	24.30	25.70	
		1	24	24.25	24.28	24.31	25.70	
		12	0	23.39	23.59	23.44	24.70	
		12	6	23.50	23.34	23.47	24.70	
		12	13	23.51	23.39	23.44	24.70	
	16QAM	25	0	23.44	23.54	23.47	24.70	
		1	0	23.42	23.33	23.52	24.70	
		1	13	23.33	23.45	23.26	24.70	
		1	24	23.43	23.48	23.41	24.70	
		12	0	22.55	22.59	22.41	23.70	
		12	6	22.45	22.46	22.51	23.70	
	64QAM	12	13	22.44	22.45	22.56	23.70	
		25	0	22.46	22.32	22.46	23.70	
		1	0	22.44	22.43	22.52	23.70	
		1	13	22.16	22.20	22.30	23.70	
		1	24	22.34	22.24	22.38	23.70	
		12	0	21.58	21.70	21.60	22.70	
	10MHz	QPSK	12	6	21.52	21.55	21.51	22.70
			12	13	21.77	21.77	21.67	22.70
			25	0	21.75	21.75	21.75	22.70
1			0	24.29	24.40	24.34	25.70	
1			25	24.32	24.31	24.30	25.70	
1			49	24.25	24.26	24.34	25.70	
10MHz	16QAM	25	0	23.43	23.55	23.41	24.70	
		25	13	23.55	23.38	23.52	24.70	
		25	25	23.57	23.40	23.48	24.70	
		50	0	23.43	23.53	23.45	24.70	
		1	0	23.48	23.39	23.50	24.70	
		1	25	23.34	23.48	23.24	24.70	
	64QAM	1	49	23.38	23.51	23.37	24.70	
		25	0	22.56	22.60	22.37	23.70	
		25	13	22.49	22.43	22.49	23.70	
		25	25	22.49	22.45	22.59	23.70	
15MHz	QPSK	50	0	22.43	22.33	22.42	23.70	
		1	0	22.39	22.39	22.51	23.70	
		1	25	22.19	22.19	22.31	23.70	
		1	49	22.32	22.23	22.36	23.70	
		25	0	21.63	21.68	21.61	22.70	
		25	13	21.49	21.58	21.57	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up	
15MHz	QPSK	1	0	24.30	24.42	24.40	25.70	

		1	38	24.32	24.30	24.37	25.70
		1	74	24.25	24.29	24.28	25.70
		36	0	23.44	23.55	23.38	24.70
		36	18	23.52	23.35	23.49	24.70
		36	39	23.54	23.43	23.49	24.70
		75	0	23.42	23.57	23.42	24.70
		1	0	23.47	23.32	23.50	24.70
	16QAM	1	38	23.31	23.45	23.26	24.70
		1	74	23.44	23.54	23.36	24.70
		36	0	22.48	22.59	22.41	23.70
		36	18	22.44	22.39	22.46	23.70
		36	39	22.45	22.50	22.58	23.70
		75	0	22.50	22.31	22.47	23.70
	64QAM	1	0	22.37	22.40	22.52	23.70
		1	38	22.17	22.15	22.31	23.70
		1	74	22.32	22.27	22.37	23.70
		36	0	21.61	21.63	21.62	22.70
		36	18	21.52	21.54	21.56	22.70
		36	39	21.79	21.77	21.70	22.70
		75	0	21.76	21.77	21.74	22.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132072	132322	132572	
20MHz	QPSK	1	0	24.34	24.48	24.35	25.70
		1	50	24.32	24.29	24.33	25.70
		1	99	24.20	24.27	24.30	25.70
		50	0	23.40	23.64	23.44	24.70
		50	25	23.51	23.35	23.44	24.70
		50	50	23.59	23.40	23.51	24.70
		100	0	23.41	23.60	23.45	24.70
	16QAM	1	0	23.43	23.32	23.52	24.70
		1	50	23.31	23.46	23.29	24.70
		1	99	23.40	23.47	23.39	24.70
		50	0	22.55	22.55	22.45	23.70
		50	25	22.45	22.47	22.46	23.70
		50	50	22.48	22.44	22.59	23.70
		100	0	22.51	22.32	22.41	23.70
	64QAM	1	0	22.41	22.38	22.48	23.70
		1	50	22.16	22.16	22.31	23.70
		1	99	22.34	22.26	22.39	23.70
		50	0	21.60	21.69	21.61	22.70
		50	25	21.46	21.58	21.52	22.70
		50	50	21.71	21.80	21.65	22.70
		100	0	21.72	21.80	21.71	22.70

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.57	24.71	24.65	25.70
		1	13	24.61	24.62	24.59	25.70
		1	24	24.57	24.57	24.59	25.70
		12	0	23.73	23.89	23.75	24.70
		12	6	23.81	23.67	23.80	24.70
		12	13	23.88	23.72	23.79	24.70

		25	0	23.73	23.86	23.74	24.70	
	16QAM	1	0	23.72	23.65	23.75	24.70	
		1	13	23.60	23.83	23.57	24.70	
		1	24	23.68	23.81	23.65	24.70	
		12	0	22.81	22.85	22.69	23.70	
		12	6	22.78	22.74	22.75	23.70	
		12	13	22.80	22.80	22.86	23.70	
		25	0	22.75	22.62	22.77	23.70	
	64QAM	1	0	22.76	22.67	22.81	23.70	
		1	13	22.51	22.50	22.64	23.70	
		1	24	22.66	22.54	22.70	23.70	
		12	0	21.93	21.98	21.96	22.70	
		12	6	21.82	21.85	21.80	22.70	
		12	13	22.07	22.05	21.96	22.70	
	25	0	22.08	22.02	22.02	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	24.60	24.66	24.70	25.70	
		1	25	24.63	24.59	24.64	25.70	
		1	49	24.57	24.57	24.60	25.70	
		25	0	23.70	23.90	23.75	24.70	
		25	13	23.82	23.61	23.81	24.70	
		25	25	23.86	23.69	23.73	24.70	
	16QAM	50	0	23.72	23.84	23.72	24.70	
		1	0	23.77	23.66	23.78	24.70	
		1	25	23.62	23.82	23.56	24.70	
		1	49	23.74	23.76	23.68	24.70	
		25	0	22.78	22.89	22.73	23.70	
		25	13	22.77	22.72	22.81	23.70	
	64QAM	25	25	22.82	22.78	22.87	23.70	
		50	0	22.74	22.61	22.71	23.70	
		1	0	22.72	22.70	22.79	23.70	
		1	25	22.53	22.52	22.58	23.70	
		1	49	22.60	22.53	22.68	23.70	
		25	0	21.92	21.93	21.98	22.70	
			25	13	21.83	21.82	21.85	22.70
			25	25	22.07	22.02	21.95	22.70
			50	0	22.04	22.06	22.05	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	24.63	24.70	24.66	25.70	
		1	38	24.57	24.66	24.62	25.70	
		1	74	24.54	24.58	24.58	25.70	
		36	0	23.75	23.87	23.74	24.70	
		36	18	23.83	23.61	23.76	24.70	
		36	39	23.82	23.68	23.75	24.70	
		75	0	23.76	23.84	23.71	24.70	
	16QAM	1	0	23.71	23.65	23.83	24.70	
		1	38	23.56	23.77	23.57	24.70	
		1	74	23.69	23.82	23.67	24.70	
		36	0	22.79	22.85	22.71	23.70	
		36	18	22.79	22.75	22.73	23.70	
		36	39	22.75	22.80	22.93	23.70	
		75	0	22.80	22.60	22.71	23.70	
	64QAM	1	0	22.75	22.66	22.81	23.70	
		1	38	22.48	22.53	22.65	23.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	74	22.63	22.50	22.68	23.70
		36	0	21.87	21.97	21.95	22.70
		36	18	21.82	21.84	21.84	22.70
		36	39	22.06	22.09	21.92	22.70
		75	0	22.06	22.09	22.00	22.70
	16QAM	1	0	24.63	24.75	24.66	25.70
		1	50	24.65	24.67	24.59	25.70
		1	99	24.55	24.62	24.65	25.70
		50	0	23.71	23.89	23.71	24.70
		50	25	23.86	23.68	23.77	24.70
		50	50	23.83	23.68	23.78	24.70
	64QAM	100	0	23.76	23.84	23.72	24.70
		1	0	23.76	23.65	23.78	24.70
		1	50	23.62	23.82	23.56	24.70
		1	99	23.73	23.78	23.69	24.70
		50	0	22.80	22.83	22.72	23.70
		50	25	22.79	22.70	22.82	23.70
	QPSK	50	50	22.79	22.75	22.86	23.70
		100	0	22.81	22.58	22.72	23.70
		1	0	22.74	22.73	22.81	23.70
1		50	22.49	22.52	22.61	23.70	
1		99	22.58	22.58	22.66	23.70	
50		0	21.89	21.99	21.96	22.70	
16QAM	50	25	21.77	21.84	21.85	22.70	
	50	50	22.04	22.04	21.93	22.70	
	100	0	22.07	22.03	21.99	22.70	

LTE Band 66 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.24	20.16	20.18	21.20
		1	2	20.22	20.18	20.17	21.20
		1	5	20.23	20.17	20.22	21.20
		3	0	20.21	20.20	20.23	21.20
		3	1	20.19	20.20	20.19	21.20
		3	3	20.18	20.20	20.17	21.20
		6	0	20.17	20.17	20.17	21.20
	16QAM	1	0	20.23	20.21	20.24	21.20
		1	2	20.24	20.17	20.22	21.20
		1	5	20.18	20.22	20.18	21.20
		3	0	20.20	20.25	20.19	21.20
		3	1	20.18	20.23	20.16	21.20
		3	3	20.18	20.20	20.17	21.20
	64QAM	6	0	20.17	20.24	20.20	21.20
		1	0	20.16	20.24	20.19	21.20
		1	2	20.19	20.20	20.22	21.20
		1	5	20.18	20.19	20.22	21.20
		3	0	20.17	20.23	20.16	21.20
		3	1	20.24	20.18	20.23	21.20
		3	3	20.17	20.20	20.21	21.20
	6	0	20.19	20.21	20.18	21.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.20	20.22	20.21	21.20
		1	7	20.20	20.24	20.18	21.20
		1	14	20.17	20.22	20.18	21.20
		8	0	20.22	20.23	20.24	21.20
		8	4	20.22	20.23	20.19	21.20
		8	7	20.19	20.19	20.25	21.20
		15	0	20.24	20.23	20.22	21.20
	16QAM	1	0	20.25	20.19	20.21	21.20
		1	7	20.20	20.16	20.22	21.20
		1	14	20.24	20.19	20.19	21.20
		8	0	20.16	20.21	20.19	21.20
		8	4	20.19	20.24	20.21	21.20
		8	7	20.21	20.25	20.18	21.20
		15	0	20.24	20.18	20.17	21.20
	64QAM	1	0	20.22	20.18	20.24	21.20
		1	7	20.24	20.17	20.25	21.20
		1	14	20.21	20.20	20.21	21.20
		8	0	20.18	20.17	20.23	21.20
		8	4	20.21	20.17	20.18	21.20
		8	7	20.16	20.24	20.20	21.20
		15	0	20.20	20.19	20.19	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.17	20.19	20.24	21.20
		1	13	20.17	20.21	20.22	21.20
		1	24	20.23	20.23	20.23	21.20
		12	0	20.23	20.20	20.21	21.20
		12	6	20.22	20.18	20.19	21.20
		12	13	20.19	20.23	20.17	21.20
		25	0	20.20	20.20	20.24	21.20
	16QAM	1	0	20.19	20.24	20.20	21.20
		1	13	20.17	20.17	20.16	21.20
		1	24	20.18	20.25	20.23	21.20
		12	0	20.20	20.21	20.23	21.20
		12	6	20.19	20.19	20.21	21.20
		12	13	20.18	20.17	20.17	21.20
		25	0	20.23	20.23	20.22	21.20
	64QAM	1	0	20.17	20.22	20.21	21.20
		1	13	20.23	20.20	20.23	21.20
		1	24	20.16	20.24	20.23	21.20
		12	0	20.19	20.20	20.22	21.20
		12	6	20.22	20.16	20.18	21.20
		12	13	20.20	20.20	20.16	21.20
		25	0	20.22	20.21	20.25	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.20	20.24	20.17	21.20
		1	25	20.19	20.21	20.20	21.20
		1	49	20.21	20.16	20.16	21.20
		25	0	20.22	20.24	20.22	21.20
		25	13	20.18	20.23	20.17	21.20
		25	25	20.17	20.22	20.19	21.20
		50	0	20.21	20.17	20.23	21.20
	16QAM	1	0	20.20	20.21	20.18	21.20

		1	25	20.21	20.24	20.22	21.20
		1	49	20.16	20.18	20.17	21.20
		25	0	20.16	20.22	20.19	21.20
		25	13	20.19	20.17	20.19	21.20
		25	25	20.17	20.22	20.24	21.20
		50	0	20.20	20.20	20.22	21.20
	64QAM	1	0	20.23	20.19	20.23	21.20
		1	25	20.23	20.21	20.23	21.20
		1	49	20.17	20.19	20.19	21.20
		25	0	20.17	20.22	20.17	21.20
		25	13	20.23	20.22	20.24	21.20
		25	25	20.18	20.24	20.16	21.20
50	0	20.18	20.17	20.22	21.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.17	20.22	20.18	21.20
		1	38	20.19	20.23	20.17	21.20
		1	74	20.20	20.23	20.21	21.20
		36	0	20.23	20.17	20.22	21.20
		36	18	20.17	20.17	20.19	21.20
		36	39	20.24	20.17	20.16	21.20
		75	0	20.23	20.17	20.21	21.20
	16QAM	1	0	20.24	20.23	20.24	21.20
		1	38	20.18	20.17	20.24	21.20
		1	74	20.21	20.22	20.20	21.20
		36	0	20.18	20.16	20.23	21.20
		36	18	20.18	20.18	20.24	21.20
		36	39	20.19	20.20	20.20	21.20
		75	0	20.17	20.21	20.21	21.20
	64QAM	1	0	20.22	20.22	20.20	21.20
		1	38	20.19	20.17	20.17	21.20
		1	74	20.23	20.17	20.21	21.20
		36	0	20.25	20.23	20.19	21.20
		36	18	20.20	20.21	20.23	21.20
		36	39	20.18	20.21	20.19	21.20
		75	0	20.18	20.17	20.22	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	20.24	20.31	20.20	21.20
		1	50	20.18	20.18	20.21	21.20
		1	99	20.24	20.18	20.23	21.20
		50	0	20.24	20.27	20.20	21.20
		50	25	20.18	20.17	20.22	21.20
		50	50	20.18	20.24	20.23	21.20
		100	0	20.24	20.20	20.23	21.20
	16QAM	1	0	20.16	20.22	20.21	21.20
		1	50	20.17	20.20	20.24	21.20
		1	99	20.25	20.24	20.17	21.20
		50	0	20.24	20.20	20.20	21.20
		50	25	20.22	20.24	20.24	21.20
		50	50	20.20	20.16	20.19	21.20
		100	0	20.19	20.17	20.17	21.20
	64QAM	1	0	20.19	20.19	20.25	21.20
		1	50	20.19	20.20	20.21	21.20
		1	99	20.24	20.21	20.17	21.20
		50	0	20.18	20.25	20.22	21.20

		50	25	20.24	20.25	20.23	21.20
		50	50	20.22	20.20	20.21	21.20
		100	0	20.17	20.22	20.22	21.20

LTE Band 66 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.57	23.59	23.58	23.70	
		1	2	23.61	23.67	23.60	23.70	
		1	5	23.59	23.58	23.62	23.70	
		3	0	23.44	23.54	23.43	23.70	
		3	1	23.56	23.37	23.53	23.70	
		3	3	23.65	23.34	23.50	23.70	
	16QAM	6	0	23.39	23.53	23.47	23.70	
		1	0	23.46	23.32	23.51	23.70	
		1	2	23.27	23.46	23.25	23.70	
		1	5	23.48	23.54	23.38	23.70	
		3	0	22.56	22.59	22.40	23.70	
		3	1	22.49	22.35	22.48	23.70	
	64QAM	3	3	22.49	22.44	22.62	23.70	
		6	0	22.47	22.31	22.40	23.70	
		1	0	22.49	22.40	22.49	23.70	
		1	2	22.19	22.15	22.27	23.70	
		1	5	22.26	22.28	22.32	23.70	
		3	0	22.51	22.50	22.55	23.70	
	3MHz	QPSK	3	1	22.54	22.33	22.41	23.70
			3	3	22.42	22.44	22.50	23.70
			6	0	21.70	21.79	21.79	22.70
1			0	23.55	23.65	23.56	23.70	
1			7	23.60	23.63	23.55	23.70	
1			14	23.67	23.62	23.60	23.70	
16QAM		8	0	23.44	23.52	23.49	23.70	
		8	4	23.58	23.37	23.47	23.70	
		8	7	23.59	23.43	23.56	23.70	
		15	0	23.44	23.56	23.57	23.70	
		1	0	23.48	23.35	23.46	23.70	
		1	7	23.30	23.46	23.32	23.70	
64QAM	1	14	23.46	23.60	23.37	23.70		
	8	0	22.61	22.55	22.46	23.70		
	8	4	22.44	22.31	22.48	23.70		
	8	7	22.55	22.42	22.65	23.70		
	15	0	22.51	22.30	22.43	23.70		
	1	0	22.42	22.42	22.47	23.70		
64QAM	1	7	22.21	22.16	22.29	23.70		
	1	14	22.32	22.30	22.40	23.70		
	8	0	21.71	21.83	21.69	22.70		
	8	4	21.75	21.86	21.73	22.70		
	8	7	21.73	21.87	21.74	22.70		
	15	0	21.76	21.83	21.75	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		

5MHz	QPSK	1	0	23.61	23.61	23.54	23.70
		1	13	23.60	23.62	23.57	23.70
		1	24	23.67	23.63	23.62	23.70
		12	0	23.41	23.53	23.47	23.70
		12	6	23.57	23.42	23.55	23.70
		12	13	23.55	23.45	23.53	23.70
	25	0	23.42	23.61	23.51	23.70	
	16QAM	1	0	23.49	23.43	23.47	23.70
		1	13	23.31	23.48	23.33	23.70
		1	24	23.41	23.56	23.37	23.70
		12	0	22.53	22.59	22.38	23.70
		12	6	22.41	22.39	22.46	23.70
		12	13	22.48	22.40	22.63	23.70
	25	0	22.53	22.25	22.47	23.70	
	64QAM	1	0	22.47	22.45	22.41	23.70
		1	13	22.23	22.18	22.31	23.70
		1	24	22.33	22.26	22.32	23.70
		12	0	21.70	21.84	21.76	22.70
12		6	21.69	21.84	21.71	22.70	
12		13	21.72	21.86	21.69	22.70	
25	0	21.71	21.86	21.77	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.61	23.58	23.56	23.70
		1	25	23.62	23.67	23.53	23.70
		1	49	23.66	23.65	23.60	23.70
		25	0	23.40	23.49	23.46	23.70
		25	13	23.53	23.39	23.48	23.70
		25	25	23.61	23.44	23.51	23.70
	50	0	23.44	23.58	23.54	23.70	
	16QAM	1	0	23.55	23.39	23.48	23.70
		1	25	23.26	23.46	23.30	23.70
		1	49	23.45	23.57	23.41	23.70
		25	0	22.56	22.54	22.39	23.70
		25	13	22.42	22.35	22.48	23.70
		25	25	22.54	22.41	22.68	23.70
	50	0	22.51	22.28	22.41	23.70	
	64QAM	1	0	22.47	22.48	22.49	23.70
		1	25	22.26	22.20	22.29	23.70
		1	49	22.30	22.24	22.38	23.70
		25	0	21.75	21.86	21.74	22.70
25		13	21.68	21.83	21.76	22.70	
25		25	21.76	21.83	21.73	22.70	
50	0	21.73	21.82	21.78	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.60	23.63	23.59	23.70
		1	38	23.64	23.63	23.56	23.70
		1	74	23.65	23.59	23.65	23.70
		36	0	23.39	23.54	23.47	23.70
		36	18	23.60	23.40	23.51	23.70
		36	39	23.55	23.44	23.56	23.70
	75	0	23.48	23.58	23.54	23.70	
	16QAM	1	0	23.53	23.42	23.43	23.70
		1	38	23.32	23.45	23.27	23.70
1		74	23.46	23.56	23.40	23.70	

		36	0	22.53	22.58	22.47	23.70	
		36	18	22.43	22.36	22.48	23.70	
		36	39	22.50	22.43	22.62	23.70	
		75	0	22.50	22.30	22.47	23.70	
		64QAM	1	0	22.48	22.43	22.44	23.70
			1	38	22.28	22.21	22.28	23.70
			1	74	22.34	22.26	22.41	23.70
			36	0	21.70	21.81	21.73	22.70
			36	18	21.72	21.87	21.76	22.70
			36	39	21.74	21.89	21.71	22.70
75	0		21.72	21.87	21.74	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	QPSK	1	0	132072	132322	132572	23.70	
		1	50	23.57	23.68	23.52	23.70	
		1	99	23.60	23.64	23.53	23.70	
		1	99	23.62	23.62	23.59	23.70	
		50	0	23.40	23.61	23.47	23.70	
		50	25	23.57	23.38	23.52	23.70	
		50	50	23.60	23.42	23.55	23.70	
	16QAM	100	0	23.45	23.57	23.57	23.70	
		1	0	23.49	23.37	23.49	23.70	
		1	50	23.29	23.47	23.34	23.70	
		1	99	23.44	23.60	23.39	23.70	
		50	0	22.55	22.55	22.40	23.70	
		50	25	22.41	22.33	22.48	23.70	
		50	50	22.54	22.40	22.62	23.70	
	64QAM	100	0	22.55	22.27	22.43	23.70	
		1	0	22.48	22.44	22.46	23.70	
		1	50	22.24	22.16	22.36	23.70	
		1	99	22.33	22.31	22.33	23.70	
		50	0	21.76	21.81	21.71	22.70	
		50	25	21.69	21.83	21.71	22.70	
		50	50	21.75	21.84	21.76	22.70	
	100	0	21.77	21.86	21.74	22.70		

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	25.70
		1	13	24.57	24.71	24.65	25.70
		1	24	24.61	24.62	24.59	25.70
		1	24	24.57	24.57	24.59	25.70
		12	0	23.73	23.89	23.75	24.70
		12	6	23.81	23.67	23.80	24.70
		12	13	23.88	23.72	23.79	24.70
	16QAM	25	0	23.73	23.86	23.74	24.70
		1	0	23.72	23.65	23.75	24.70
		1	13	23.60	23.83	23.57	24.70
		1	24	23.68	23.81	23.65	24.70
		12	0	22.81	22.85	22.69	23.70
		12	6	22.78	22.74	22.75	23.70
		12	13	22.80	22.80	22.86	23.70
	64QAM	25	0	22.75	22.62	22.77	23.70
		1	0	22.76	22.67	22.81	23.70

		1	13	22.51	22.50	22.64	23.70	
		1	24	22.66	22.54	22.70	23.70	
		12	0	21.93	21.98	21.96	22.70	
		12	6	21.82	21.85	21.80	22.70	
		12	13	22.07	22.05	21.96	22.70	
		25	0	22.08	22.02	22.02	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	24.60	24.66	24.70	25.70	
		1	25	24.63	24.59	24.64	25.70	
		1	49	24.57	24.57	24.60	25.70	
		25	0	23.70	23.90	23.75	24.70	
		25	13	23.82	23.61	23.81	24.70	
		25	25	23.86	23.69	23.73	24.70	
	16QAM	50	0	23.72	23.84	23.72	24.70	
		1	0	23.77	23.66	23.78	24.70	
		1	25	23.62	23.82	23.56	24.70	
		1	49	23.74	23.76	23.68	24.70	
		25	0	22.78	22.89	22.73	23.70	
		25	13	22.77	22.72	22.81	23.70	
	64QAM	25	25	22.82	22.78	22.87	23.70	
		50	0	22.74	22.61	22.71	23.70	
		1	0	22.72	22.70	22.79	23.70	
		1	25	22.53	22.52	22.58	23.70	
		1	49	22.60	22.53	22.68	23.70	
		25	0	21.92	21.93	21.98	22.70	
			25	13	21.83	21.82	21.85	22.70
			25	25	22.07	22.02	21.95	22.70
			50	0	22.04	22.06	22.05	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	24.63	24.70	24.66	25.70	
		1	38	24.57	24.66	24.62	25.70	
		1	74	24.54	24.58	24.58	25.70	
		36	0	23.75	23.87	23.74	24.70	
		36	18	23.83	23.61	23.76	24.70	
		36	39	23.82	23.68	23.75	24.70	
	16QAM	75	0	23.76	23.84	23.71	24.70	
		1	0	23.71	23.65	23.83	24.70	
		1	38	23.56	23.77	23.57	24.70	
		1	74	23.69	23.82	23.67	24.70	
		36	0	22.79	22.85	22.71	23.70	
		36	18	22.79	22.75	22.73	23.70	
	64QAM	36	39	22.75	22.80	22.93	23.70	
		75	0	22.80	22.60	22.71	23.70	
		1	0	22.75	22.66	22.81	23.70	
		1	38	22.48	22.53	22.65	23.70	
		1	74	22.63	22.50	22.68	23.70	
		36	0	21.87	21.97	21.95	22.70	
			36	18	21.82	21.84	21.84	22.70
			36	39	22.06	22.09	21.92	22.70
			75	0	22.06	22.09	22.00	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	24.63	24.75	24.66	25.70	
		1	50	24.65	24.67	24.59	25.70	

		1	99	24.55	24.62	24.65	25.70
		50	0	23.71	23.89	23.71	24.70
		50	25	23.86	23.68	23.77	24.70
		50	50	23.83	23.68	23.78	24.70
		100	0	23.76	23.84	23.72	24.70
	16QAM	1	0	23.76	23.65	23.78	24.70
		1	50	23.62	23.82	23.56	24.70
		1	99	23.73	23.78	23.69	24.70
		50	0	22.80	22.83	22.72	23.70
		50	25	22.79	22.70	22.82	23.70
		50	50	22.79	22.75	22.86	23.70
	64QAM	100	0	22.81	22.58	22.72	23.70
		1	0	22.74	22.73	22.81	23.70
		1	50	22.49	22.52	22.61	23.70
		1	99	22.58	22.58	22.66	23.70
		50	0	21.89	21.99	21.96	22.70
		50	25	21.77	21.84	21.85	22.70
		50	50	22.04	22.04	21.93	22.70
		100	0	22.07	22.03	21.99	22.70

LTE Band 38 Receiver on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.05	21.02	21.02	21.70
		1	13	20.97	20.96	21.02	21.70
		1	24	21.04	20.98	21.04	21.70
		12	0	20.98	20.98	21.01	21.70
		12	6	20.99	21.03	20.98	21.70
		12	13	21.00	20.97	21.00	21.70
		25	0	21.02	20.99	21.05	21.70
	16QAM	1	0	21.05	21.02	21.03	21.70
		1	13	21.00	21.00	20.99	21.70
		1	24	20.96	21.03	21.02	21.70
		12	0	21.02	21.01	21.03	21.70
		12	6	20.99	20.97	21.02	21.70
		12	13	20.99	21.05	21.04	21.70
	64QAM	25	0	21.00	20.98	21.03	21.70
		1	0	21.00	20.98	20.98	21.70
		1	13	21.04	20.99	21.01	21.70
		1	24	21.05	20.97	21.04	21.70
		12	0	21.03	21.04	20.97	21.70
		12	6	20.97	20.98	21.02	21.70
		12	13	21.00	20.98	21.00	21.70
			25	0	20.98	21.01	21.03
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	21.03	20.96	21.02	21.70
		1	25	21.04	21.04	21.05	21.70
		1	49	21.00	21.00	20.99	21.70
		25	0	20.98	20.97	21.01	21.70
		25	13	21.02	21.05	21.00	21.70
		25	25	21.02	21.05	21.05	21.70
		50	0	21.01	21.00	20.99	21.70

	16QAM	1	0	21.01	21.02	21.01	21.70
		1	25	21.04	20.98	21.02	21.70
		1	49	20.96	21.00	21.05	21.70
		25	0	21.02	21.04	20.98	21.70
		25	13	20.99	21.02	21.01	21.70
		25	25	21.03	21.04	20.96	21.70
		50	0	21.01	20.97	21.05	21.70
	64QAM	1	0	20.99	20.97	21.00	21.70
		1	25	20.96	20.98	21.04	21.70
		1	49	20.99	20.98	21.03	21.70
		25	0	21.01	21.04	20.98	21.70
		25	13	21.00	20.97	20.98	21.70
		25	25	20.98	21.00	21.02	21.70
		50	0	21.02	21.03	20.96	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	20.98	21.01	20.99	21.70
		1	38	20.99	20.97	20.97	21.70
		1	74	20.99	20.99	20.98	21.70
		36	0	20.99	21.02	20.97	21.70
		36	18	20.97	20.97	20.96	21.70
		36	39	21.00	20.99	20.96	21.70
		75	0	21.04	21.01	21.00	21.70
	16QAM	1	0	20.99	20.97	20.97	21.70
		1	38	20.99	21.01	21.02	21.70
		1	74	21.05	21.02	21.00	21.70
		36	0	21.03	21.03	20.99	21.70
		36	18	21.04	20.99	21.00	21.70
		36	39	20.98	20.98	20.99	21.70
		75	0	20.97	21.04	21.02	21.70
	64QAM	1	0	21.01	20.99	20.98	21.70
		1	38	20.97	21.02	20.97	21.70
		1	74	21.02	20.99	21.03	21.70
		36	0	20.98	20.97	21.00	21.70
		36	18	21.02	21.00	21.04	21.70
		36	39	20.98	21.01	20.99	21.70
		75	0	20.99	20.97	20.98	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.99	21.07	21.02	21.70
		1	50	21.03	21.04	20.96	21.70
		1	99	21.01	21.06	21.01	21.70
		50	0	21.05	21.03	20.97	21.70
		50	25	20.97	21.02	21.03	21.70
		50	50	21.05	20.99	20.97	21.70
		100	0	21.05	21.02	20.98	21.70
	16QAM	1	0	20.97	21.00	21.02	21.70
		1	50	20.97	21.00	21.03	21.70
		1	99	20.98	21.02	20.99	21.70
		50	0	20.98	21.01	20.98	21.70
		50	25	20.97	21.00	20.99	21.70
		50	50	21.00	21.01	20.96	21.70
		100	0	21.00	21.02	21.01	21.70
	64QAM	1	0	21.03	21.03	21.01	21.70
		1	50	21.04	20.98	21.01	21.70
		1	99	21.05	21.02	21.00	21.70
		1	99	21.05	21.02	21.00	21.70

		50	0	21.00	20.99	20.98	21.70
		50	25	21.00	21.04	20.98	21.70
		50	50	20.98	21.04	21.04	21.70
		100	0	21.04	20.97	20.99	21.70

LTE Band 38 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.70	22.76	22.77	23.20	
		1	13	22.77	22.86	22.76	23.20	
		1	24	22.71	22.79	22.78	23.20	
		12	0	22.81	22.85	22.80	23.20	
		12	6	22.75	22.74	22.71	23.20	
		12	13	22.71	22.81	22.74	23.20	
	16QAM	25	0	22.77	22.75	22.78	23.20	
		1	0	22.84	22.82	22.78	23.20	
		1	13	22.81	22.81	22.83	23.20	
		1	24	22.84	22.73	22.79	23.20	
		12	0	22.80	22.77	22.82	23.20	
		12	6	22.79	22.81	22.78	23.20	
	64QAM	12	13	22.84	22.76	22.75	23.20	
		25	0	22.72	22.80	22.75	23.20	
		1	0	22.77	22.81	22.80	23.20	
		1	13	22.79	22.77	22.77	23.20	
		1	24	22.79	22.76	22.79	23.20	
		12	0	21.95	21.99	21.96	22.70	
	10MHz	QPSK	12	6	21.82	21.89	21.78	22.70
			12	13	22.12	22.07	21.99	22.70
			25	0	22.10	22.05	22.02	22.70
1			0	22.77	22.80	22.76	23.20	
1			25	22.74	22.85	22.74	23.20	
1			49	22.77	22.77	22.72	23.20	
16QAM		25	0	22.78	22.79	22.73	23.20	
		25	13	22.76	22.77	22.78	23.20	
		25	25	22.76	22.78	22.77	23.20	
		50	0	22.72	22.77	22.78	23.20	
		1	0	22.81	22.81	22.77	23.20	
		1	25	22.77	22.79	22.82	23.20	
64QAM		1	49	22.82	22.73	22.82	23.20	
		25	0	22.82	22.78	22.79	23.20	
		25	13	22.82	22.76	22.77	23.20	
		25	25	22.83	22.71	22.81	23.20	
		50	0	22.79	22.81	22.74	23.20	
		1	0	22.84	22.85	22.77	23.20	
64QAM		1	25	22.82	22.74	22.71	23.20	
		1	49	22.79	22.84	22.75	23.20	
		25	0	21.91	22.00	22.00	22.70	
	25	13	21.84	21.87	21.80	22.70		
	25	25	22.03	22.04	21.97	22.70		
	50	0	22.05	22.06	21.99	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		

Bandwidth	Modulation	RB size	RB offset	37825	38000	38175	Tune up
				Channel	Channel	Channel	
15MHz	QPSK	1	0	22.78	22.77	22.81	23.20
		1	38	22.79	22.84	22.80	23.20
		1	74	22.77	22.77	22.75	23.20
		36	0	22.80	22.83	22.77	23.20
		36	18	22.72	22.77	22.73	23.20
		36	39	22.74	22.80	22.75	23.20
		75	0	22.79	22.83	22.76	23.20
	16QAM	1	0	22.84	22.79	22.80	23.20
		1	38	22.78	22.82	22.79	23.20
		1	74	22.78	22.72	22.78	23.20
		36	0	22.81	22.72	22.81	23.20
		36	18	22.82	22.75	22.72	23.20
		36	39	22.86	22.72	22.75	23.20
		75	0	22.76	22.85	22.73	23.20
	64QAM	1	0	22.81	22.78	22.73	23.20
		1	38	22.80	22.75	22.71	23.20
		1	74	22.73	22.81	22.76	23.20
		36	0	21.95	21.97	22.01	22.70
		36	18	21.86	21.82	21.83	22.70
		36	39	22.05	22.03	22.00	22.70
		75	0	22.09	22.05	22.02	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.70	22.88	22.74	23.20
		1	50	22.78	22.80	22.74	23.20
		1	99	22.76	22.76	22.74	23.20
		50	0	22.80	22.82	22.74	23.20
		50	25	22.76	22.81	22.79	23.20
		50	50	22.75	22.81	22.74	23.20
		100	0	22.74	22.83	22.78	23.20
	16QAM	1	0	22.85	22.81	22.78	23.20
		1	50	22.80	22.83	22.78	23.20
		1	99	22.83	22.71	22.85	23.20
		50	0	22.81	22.75	22.76	23.20
		50	25	22.84	22.75	22.74	23.20
		50	50	22.78	22.71	22.74	23.20
		100	0	22.73	22.80	22.77	23.20
	64QAM	1	0	22.76	22.79	22.80	23.20
		1	50	22.82	22.74	22.74	23.20
		1	99	22.81	22.78	22.76	23.20
		50	0	21.94	21.96	21.96	22.70
		50	25	21.80	21.89	21.79	22.70
		50	50	22.07	22.04	21.99	22.70
		100	0	22.05	22.00	22.07	22.70

LTE Band 38 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.29	23.42	23.33	24.20
		1	13	23.36	23.32	23.33	24.20
		1	24	23.26	23.31	23.28	24.20
		12	0	22.42	22.61	22.44	23.20

		12	6	22.51	22.41	22.53	23.20
		12	13	22.58	22.43	22.51	23.20
		25	0	22.46	22.57	22.47	23.20
	16QAM	1	0	22.39	22.35	22.41	23.20
		1	13	22.32	22.50	22.26	23.20
		1	24	22.42	22.55	22.34	23.20
		12	0	21.50	21.57	21.38	22.20
		12	6	21.45	21.48	21.47	22.20
		12	13	21.51	21.54	21.53	22.20
		25	0	21.45	21.29	21.48	22.20
		64QAM	1	0	21.47	21.42	21.50
	1		13	21.24	21.21	21.35	22.20
	1		24	21.34	21.22	21.38	22.20
	12		0	20.60	20.66	20.69	21.20
	12		6	20.48	20.56	20.47	21.20
	12		13	20.79	20.74	20.70	21.20
	25		0	20.75	20.70	20.71	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.31	23.45	23.33	24.20
		1	25	23.31	23.34	23.31	24.20
		1	49	23.27	23.28	23.32	24.20
		25	0	22.46	22.64	22.49	23.20
		25	13	22.49	22.38	22.47	23.20
		25	25	22.55	22.43	22.48	23.20
		50	0	22.42	22.54	22.48	23.20
	16QAM	1	0	22.41	22.35	22.41	23.20
		1	25	22.29	22.52	22.24	23.20
		1	49	22.40	22.52	22.35	23.20
		25	0	21.54	21.60	21.37	22.20
		25	13	21.47	21.41	21.42	22.20
		25	25	21.50	21.53	21.58	22.20
		50	0	21.49	21.30	21.46	22.20
	64QAM	1	0	21.44	21.36	21.54	22.20
		1	25	21.24	21.22	21.34	22.20
		1	49	21.37	21.23	21.42	22.20
		25	0	20.66	20.71	20.70	21.20
		25	13	20.53	20.56	20.54	21.20
		25	25	20.74	20.72	20.63	21.20
50		0	20.76	20.69	20.74	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.26	23.45	23.37	24.20
		1	38	23.35	23.35	23.30	24.20
		1	74	23.27	23.30	23.29	24.20
		36	0	22.41	22.58	22.49	23.20
		36	18	22.52	22.38	22.47	23.20
		36	39	22.62	22.39	22.52	23.20
		75	0	22.41	22.58	22.40	23.20
	16QAM	1	0	22.41	22.32	22.49	23.20
		1	38	22.34	22.52	22.29	23.20
		1	74	22.35	22.55	22.36	23.20
		36	0	21.55	21.52	21.40	22.20
		36	18	21.49	21.48	21.43	22.20
		36	39	21.48	21.50	21.53	22.20
		75	0	21.49	21.36	21.48	22.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	1	0	21.49	21.41	21.50	22.20	
		1	38	21.19	21.25	21.35	22.20	
		1	74	21.36	21.23	21.42	22.20	
		36	0	20.60	20.72	20.64	21.20	
		36	18	20.51	20.59	20.50	21.20	
		36	39	20.77	20.73	20.70	21.20	
		75	0	20.83	20.70	20.71	21.20	
	20MHz	QPSK	1	0	23.29	23.47	23.33	24.20
			1	50	23.31	23.37	23.33	24.20
			1	99	23.27	23.24	23.27	24.20
			50	0	22.40	22.59	22.48	23.20
			50	25	22.56	22.37	22.53	23.20
			50	50	22.57	22.40	22.46	23.20
			100	0	22.42	22.59	22.43	23.20
		16QAM	1	0	22.39	22.36	22.44	23.20
			1	50	22.34	22.51	22.28	23.20
			1	99	22.38	22.48	22.34	23.20
			50	0	21.53	21.56	21.38	22.20
			50	25	21.47	21.48	21.41	22.20
			50	50	21.54	21.47	21.57	22.20
			100	0	21.46	21.36	21.44	22.20
64QAM		1	0	21.50	21.42	21.50	22.20	
		1	50	21.19	21.17	21.34	22.20	
		1	99	21.38	21.27	21.43	22.20	
		50	0	20.66	20.72	20.66	21.20	
		50	25	20.55	20.54	20.47	21.20	
		50	50	20.78	20.76	20.63	21.20	
		100	0	20.74	20.75	20.73	21.20	

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.63	24.79	24.70	24.79	24.72	25.70
		1	13	24.67	24.67	24.62	24.66	24.65	25.70
		1	24	24.57	24.64	24.62	24.67	24.66	25.70
		12	0	23.74	23.87	23.77	23.92	23.77	24.70
		12	6	23.88	23.71	23.92	23.73	23.86	24.70
		12	13	23.86	23.78	23.94	23.73	23.85	24.70
		25	0	23.79	23.87	23.80	23.95	23.79	24.70
	16QAM	1	0	23.79	23.71	23.76	23.67	23.83	24.70
		1	13	23.67	23.87	23.67	23.79	23.66	24.70
		1	24	23.74	23.84	23.75	23.89	23.74	24.70
		12	0	22.84	22.92	22.89	22.96	22.77	23.70
		12	6	22.84	22.76	22.76	22.75	22.87	23.70
		12	13	22.86	22.82	22.87	22.83	22.94	23.70
		25	0	22.81	22.66	22.86	22.64	22.77	23.70
	64QAM	1	0	22.74	22.71	22.78	22.72	22.81	23.70
		1	13	22.57	22.57	22.58	22.50	22.63	23.70
		1	24	22.69	22.60	22.63	22.60	22.76	23.70
		12	0	21.94	22.04	21.95	22.05	21.99	22.70
		12	6	21.81	21.92	21.80	21.88	21.93	22.70

Bandwidth	Modulation	12	13	22.08	22.13	22.06	22.14	22.01	22.70
		25	0	22.07	22.09	22.11	22.12	22.09	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.65	24.76	24.64	24.77	24.72	25.70
		1	25	24.64	24.65	24.63	24.69	24.68	25.70
		1	49	24.58	24.64	24.60	24.66	24.66	25.70
		25	0	23.73	23.90	23.79	23.91	23.79	24.70
		25	13	23.84	23.68	23.86	23.68	23.85	24.70
		25	25	23.93	23.76	23.94	23.70	23.84	24.70
	16QAM	50	0	23.75	23.88	23.84	23.89	23.79	24.70
		1	0	23.83	23.70	23.81	23.71	23.85	24.70
		1	25	23.69	23.87	23.61	23.87	23.68	24.70
		1	49	23.79	23.87	23.77	23.83	23.70	24.70
		25	0	22.84	22.90	22.90	22.92	22.79	23.70
		25	13	22.83	22.78	22.83	22.75	22.79	23.70
	64QAM	25	25	22.80	22.82	22.87	22.83	22.94	23.70
		50	0	22.86	22.64	22.81	22.68	22.82	23.70
		1	0	22.78	22.77	22.78	22.77	22.88	23.70
		1	25	22.52	22.57	22.53	22.50	22.67	23.70
		1	49	22.71	22.61	22.68	22.55	22.73	23.70
		25	0	22.00	22.02	21.95	22.04	22.00	22.70
		25	13	21.88	21.95	21.87	21.96	21.89	22.70
		25	25	22.12	22.13	22.14	22.13	21.99	22.70
50	0	22.07	22.11	22.09	22.15	22.10	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.65	24.72	24.65	24.73	24.74	25.70
		1	38	24.67	24.67	24.70	24.67	24.67	25.70
		1	74	24.55	24.60	24.58	24.66	24.62	25.70
		36	0	23.79	23.93	23.79	23.93	23.75	24.70
		36	18	23.86	23.65	23.85	23.67	23.84	24.70
		36	39	23.87	23.73	23.93	23.75	23.86	24.70
	16QAM	75	0	23.82	23.89	23.83	23.87	23.76	24.70
		1	0	23.81	23.68	23.80	23.67	23.85	24.70
		1	38	23.62	23.80	23.64	23.79	23.60	24.70
		1	74	23.81	23.85	23.76	23.85	23.76	24.70
		36	0	22.88	22.93	22.86	22.93	22.74	23.70
		36	18	22.82	22.81	22.79	22.76	22.82	23.70
	64QAM	36	39	22.85	22.86	22.87	22.83	22.91	23.70
		75	0	22.86	22.61	22.86	22.64	22.77	23.70
		1	0	22.75	22.76	22.76	22.74	22.81	23.70
		1	38	22.56	22.56	22.53	22.57	22.67	23.70
		1	74	22.63	22.54	22.63	22.59	22.71	23.70
		36	0	21.96	21.98	21.99	21.99	21.95	22.70
		36	18	21.86	21.94	21.82	21.90	21.90	22.70
		36	39	22.09	22.12	22.11	22.08	22.03	22.70
75	0	22.06	22.09	22.08	22.15	22.03	22.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.66	24.64	24.81	24.73	24.72	25.70
		1	50	24.61	24.67	24.71	24.68	24.71	25.70
		1	99	24.55	24.57	24.67	24.68	24.63	25.70
		50	0	23.80	23.73	23.97	23.81	23.73	24.70
		50	25	23.91	23.89	23.64	23.81	23.88	24.70
		50	50	23.90	23.87	23.74	23.83	23.83	24.70

	16QAM	100	0	23.81	23.76	23.88	23.78	23.83	24.70
		1	0	23.80	23.83	23.66	23.83	23.80	24.70
		1	50	23.64	23.68	23.82	23.67	23.60	24.70
		1	99	23.79	23.73	23.88	23.78	23.71	24.70
		50	0	22.85	22.89	22.97	22.73	22.74	23.70
		50	25	22.83	22.79	22.81	22.87	22.84	23.70
		50	50	22.85	22.84	22.80	22.95	22.90	23.70
	100	0	22.79	22.83	22.69	22.79	22.77	23.70	
	64QAM	1	0	22.78	22.79	22.73	22.86	22.83	23.70
		1	50	22.55	22.58	22.56	22.67	22.68	23.70
		1	99	22.68	22.64	22.57	22.75	22.70	23.70
		50	0	21.99	22.00	21.97	21.98	21.99	22.70
		50	25	21.83	21.84	21.88	21.93	21.89	22.70
		50	50	22.14	22.13	22.09	21.97	22.02	22.70
100		0	22.09	22.07	22.15	22.03	22.05	22.70	

LTE Band 41 Receiver on/Sensor on/Hotspot on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	21.29	21.35	21.28	21.28	21.35	21.70	
		1	13	21.29	21.30	21.32	21.27	21.33	21.70	
		1	24	21.32	21.32	21.32	21.31	21.30	21.70	
		12	0	21.34	21.33	21.33	21.32	21.30	21.70	
		12	6	21.29	21.27	21.30	21.33	21.34	21.70	
		12	13	21.31	21.35	21.35	21.29	21.32	21.70	
	16QAM	25	0	21.33	21.26	21.29	21.29	21.33	21.70	
		1	0	21.27	21.34	21.35	21.30	21.33	21.70	
		1	13	21.30	21.31	21.29	21.30	21.32	21.70	
		1	24	21.28	21.34	21.29	21.32	21.29	21.70	
		12	0	21.27	21.32	21.28	21.33	21.30	21.70	
		12	6	21.30	21.27	21.31	21.31	21.34	21.70	
	64QAM	12	13	21.34	21.29	21.26	21.32	21.33	21.70	
		25	0	21.32	21.31	21.35	21.31	21.34	21.70	
		1	0	21.34	21.31	21.32	21.34	21.32	21.70	
		1	13	21.31	21.27	21.27	21.33	21.31	21.70	
		1	24	21.31	21.31	21.27	21.28	21.28	21.70	
		12	0	21.35	21.28	21.32	21.26	21.33	21.70	
	10MHz	QPSK	12	6	21.26	21.28	21.30	21.35	21.31	21.70
			12	13	21.28	21.32	21.32	21.33	21.28	21.70
			25	0	21.34	21.27	21.31	21.28	21.27	21.70
1			0	21.33	21.31	21.35	21.33	21.33	21.70	
1			25	21.26	21.32	21.35	21.30	21.28	21.70	
1			49	21.26	21.29	21.30	21.29	21.33	21.70	
16QAM		25	0	21.27	21.29	21.27	21.33	21.31	21.70	
		25	13	21.34	21.29	21.31	21.33	21.34	21.70	
		25	25	21.28	21.29	21.31	21.28	21.31	21.70	
		50	0	21.28	21.28	21.28	21.33	21.33	21.70	
		1	0	21.28	21.26	21.30	21.27	21.35	21.70	
		1	25	21.27	21.28	21.30	21.32	21.31	21.70	
		1	49	21.27	21.29	21.27	21.31	21.28	21.70	
		25	0	21.28	21.29	21.28	21.32	21.30	21.70	

		25	13	21.32	21.27	21.35	21.32	21.33	21.70
		25	25	21.26	21.34	21.32	21.31	21.30	21.70
		50	0	21.32	21.31	21.26	21.31	21.31	21.70
	64QAM	1	0	21.27	21.34	21.33	21.33	21.28	21.70
		1	25	21.27	21.30	21.33	21.33	21.27	21.70
		1	49	21.33	21.32	21.28	21.30	21.34	21.70
		25	0	21.31	21.28	21.35	21.29	21.27	21.70
		25	13	21.30	21.33	21.27	21.27	21.29	21.70
		25	25	21.29	21.29	21.26	21.28	21.27	21.70
		50	0	21.34	21.27	21.33	21.26	21.34	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.31	21.32	21.32	21.30	21.34	21.70
		1	38	21.28	21.34	21.27	21.34	21.30	21.70
		1	74	21.31	21.33	21.28	21.35	21.28	21.70
		36	0	21.35	21.28	21.30	21.33	21.33	21.70
		36	18	21.34	21.29	21.33	21.27	21.26	21.70
		36	39	21.34	21.32	21.31	21.31	21.26	21.70
		75	0	21.29	21.34	21.33	21.28	21.27	21.70
	16QAM	1	0	21.32	21.30	21.30	21.32	21.26	21.70
		1	38	21.29	21.28	21.31	21.30	21.31	21.70
		1	74	21.29	21.35	21.29	21.32	21.30	21.70
		36	0	21.31	21.35	21.31	21.33	21.30	21.70
		36	18	21.28	21.33	21.32	21.30	21.27	21.70
		36	39	21.31	21.33	21.30	21.32	21.33	21.70
		75	0	21.34	21.27	21.34	21.28	21.26	21.70
	64QAM	1	0	21.33	21.32	21.34	21.30	21.32	21.70
		1	38	21.30	21.34	21.32	21.32	21.30	21.70
		1	74	21.30	21.30	21.34	21.34	21.27	21.70
		36	0	21.30	21.30	21.33	21.27	21.26	21.70
		36	18	21.28	21.32	21.31	21.32	21.27	21.70
		36	39	21.29	21.28	21.28	21.29	21.30	21.70
		75	0	21.30	21.31	21.34	21.32	21.32	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.29	21.32	21.37	21.30	21.32	21.70
		1	50	21.27	21.28	21.28	21.29	21.34	21.70
		1	99	21.26	21.27	21.34	21.34	21.31	21.70
		50	0	21.32	21.33	21.36	21.27	21.30	21.70
		50	25	21.31	21.33	21.34	21.35	21.31	21.70
		50	50	21.33	21.31	21.33	21.26	21.32	21.70
		100	0	21.32	21.27	21.33	21.27	21.26	21.70
	16QAM	1	0	21.30	21.33	21.26	21.34	21.34	21.70
		1	50	21.30	21.30	21.29	21.27	21.29	21.70
		1	99	21.32	21.31	21.34	21.27	21.32	21.70
		50	0	21.27	21.29	21.29	21.32	21.30	21.70
		50	25	21.26	21.27	21.30	21.28	21.32	21.70
		50	50	21.33	21.34	21.33	21.30	21.31	21.70
		100	0	21.30	21.30	21.33	21.31	21.34	21.70
	64QAM	1	0	21.33	21.33	21.34	21.32	21.30	21.70
		1	50	21.31	21.32	21.31	21.32	21.31	21.70
		1	99	21.34	21.32	21.30	21.30	21.29	21.70
		50	0	21.33	21.33	21.34	21.28	21.30	21.70
		50	25	21.29	21.34	21.29	21.35	21.27	21.70
		50	50	21.30	21.32	21.27	21.33	21.32	21.70
		100	0	21.34	21.32	21.26	21.30	21.33	21.70

4 Conducted Power of Main Antenna(Ant3)

4.1 Conducted Power of LTE

LTE Band 4				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.99	23.07	23.05	24.10	
		1	2	22.96	23.02	23.02	24.10	
		1	5	22.89	22.96	23.04	24.10	
		3	0	22.11	22.31	22.15	23.10	
		3	2	22.21	22.07	22.16	23.10	
		3	3	22.21	22.07	22.22	23.10	
	16QAM	6	0	22.18	22.26	22.12	23.10	
		1	0	22.14	22.05	22.20	23.10	
		1	2	22.01	22.18	21.98	23.10	
		1	5	22.08	22.17	22.12	23.10	
		3	0	21.24	21.27	21.12	22.10	
		3	2	21.18	21.17	21.16	22.10	
	64QAM	3	3	21.21	21.19	21.26	22.10	
		6	0	21.21	20.99	21.11	22.10	
		1	0	21.11	21.07	21.22	22.10	
		1	2	20.90	20.92	21.04	22.10	
		1	5	21.00	20.93	21.08	22.10	
		3	0	21.16	21.05	21.22	22.10	
	3MHz	QPSK	3	2	20.90	20.91	21.01	22.10
			3	3	21.06	20.91	21.08	22.10
			6	0	20.48	20.43	20.40	21.10
			1	0	23.05	23.07	23.10	24.10
			1	7	23.04	23.05	23.03	24.10
			1	14	22.96	22.95	22.97	24.10
16QAM		8	0	22.09	22.25	22.11	23.10	
		8	4	22.23	22.06	22.18	23.10	
		8	7	22.28	22.07	22.14	23.10	
		15	0	22.15	22.26	22.13	23.10	
		1	0	22.17	22.06	22.18	23.10	
		1	7	22.04	22.15	21.99	23.10	
64QAM	1	14	22.09	22.18	22.07	23.10		
	8	0	21.22	21.29	21.15	22.10		
	8	4	21.19	21.15	21.16	22.10		
	8	7	21.23	21.13	21.27	22.10		
	15	0	21.19	21.00	21.11	22.10		
	1	0	21.09	21.04	21.19	22.10		
64QAM	1	7	20.89	20.92	21.00	22.10		
	1	14	21.03	20.96	21.04	22.10		
	8	0	20.28	20.38	20.37	21.10		
	8	4	20.17	20.28	20.23	21.10		
	8	7	20.47	20.45	20.36	21.10		
	15	0	20.47	20.48	20.45	21.10		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.01	23.05	23.09	24.10
		1	13	22.97	23.00	23.01	24.10
		1	24	22.96	22.96	22.96	24.10
		12	0	22.15	22.29	22.08	23.10
		12	6	22.19	22.07	22.21	23.10
		12	13	22.26	22.14	22.21	23.10
		25	0	22.16	22.30	22.16	23.10
	16QAM	1	0	22.14	22.02	22.18	23.10
		1	13	22.00	22.21	21.98	23.10
		1	24	22.10	22.24	22.06	23.10
		12	0	21.24	21.23	21.10	22.10
		12	6	21.15	21.12	21.19	22.10
		12	13	21.15	21.20	21.30	22.10
		25	0	21.15	21.03	21.16	22.10
	64QAM	1	0	21.15	21.07	21.20	22.10
		1	13	20.89	20.87	21.00	22.10
		1	24	21.03	20.89	21.05	22.10
		12	0	20.30	20.39	20.33	21.10
		12	6	20.19	20.26	20.26	21.10
		12	13	20.49	20.44	20.39	21.10
		25	0	20.50	20.46	20.41	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.04	23.05	23.04	24.10
		1	25	22.97	23.08	23.03	24.10
		1	49	22.93	22.97	23.00	24.10
		25	0	22.14	22.29	22.08	23.10
		25	13	22.20	22.00	22.18	23.10
		25	25	22.26	22.08	22.14	23.10
		50	0	22.10	22.25	22.17	23.10
	16QAM	1	0	22.12	22.09	22.21	23.10
		1	25	22.04	22.21	22.01	23.10
		1	49	22.07	22.16	22.09	23.10
		25	0	21.19	21.25	21.14	22.10
		25	13	21.19	21.09	21.22	22.10
		25	25	21.15	21.17	21.33	22.10
		50	0	21.20	21.00	21.19	22.10
	64QAM	1	0	21.15	21.09	21.24	22.10
		1	25	20.93	20.84	21.01	22.10
		1	49	20.98	20.90	21.03	22.10
		25	0	20.34	20.34	20.37	21.10
		25	13	20.22	20.30	20.28	21.10
		25	25	20.48	20.42	20.40	21.10
		50	0	20.48	20.44	20.37	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.03	23.11	23.11	24.10
		1	38	22.97	23.03	23.00	24.10
		1	74	22.97	23.03	23.03	24.10
		36	0	22.11	22.31	22.13	23.10
		36	18	22.20	22.04	22.23	23.10
		36	39	22.26	22.07	22.19	23.10
		75	0	22.16	22.25	22.18	23.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	16QAM	1	0	22.15	22.09	22.16	23.10	
		1	38	21.98	22.17	21.97	23.10	
		1	74	22.14	22.21	22.08	23.10	
		36	0	21.18	21.26	21.11	22.10	
		36	18	21.18	21.11	21.19	22.10	
		36	39	21.18	21.13	21.33	22.10	
		75	0	21.19	20.99	21.14	22.10	
	64QAM	1	0	21.11	21.04	21.20	22.10	
		1	38	20.92	20.91	21.01	22.10	
		1	74	21.00	20.94	21.02	22.10	
		36	0	20.27	20.37	20.31	21.10	
		36	18	20.14	20.28	20.19	21.10	
		36	39	20.44	20.48	20.39	21.10	
		75	0	20.44	20.49	20.43	21.10	
	20MHz	QPSK	1	0	22.99	23.12	23.05	24.10
			1	50	23.02	23.01	23.05	24.10
			1	99	22.97	22.99	23.03	24.10
			50	0	22.13	22.24	22.11	23.10
			50	25	22.19	22.05	22.19	23.10
			50	50	22.23	22.10	22.16	23.10
			100	0	22.18	22.25	22.17	23.10
16QAM		1	0	22.13	22.06	22.15	23.10	
		1	50	21.96	22.21	21.95	23.10	
		1	99	22.12	22.21	22.06	23.10	
		50	0	21.25	21.23	21.13	22.10	
		50	25	21.19	21.16	21.15	22.10	
		50	50	21.22	21.19	21.29	22.10	
		100	0	21.14	20.96	21.12	22.10	
64QAM		1	0	21.10	21.10	21.23	22.10	
		1	50	20.86	20.86	20.97	22.10	
		1	99	21.04	20.91	21.10	22.10	
		50	0	20.28	20.36	20.36	21.10	
		50	25	20.16	20.29	20.27	21.10	
		50	50	20.42	20.50	20.33	21.10	
		100	0	20.43	20.47	20.41	21.10	

LTE Band 4 Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.59	22.65	22.63	23.60
		1	2	22.47	22.61	22.56	23.60
		1	5	22.45	22.46	22.66	23.60
		3	0	22.08	22.28	22.18	23.10
		3	2	22.25	22.06	22.13	23.10
		3	3	22.17	22.10	22.21	23.10
		6	0	22.16	22.31	22.10	23.10
	16QAM	1	0	22.16	22.09	22.20	23.10
		1	2	22.04	22.16	22.02	23.10
		1	5	22.06	22.20	22.16	23.10
		3	0	21.28	21.27	21.10	22.10

		3	2	21.16	21.19	21.15	22.10		
		3	3	21.25	21.15	21.23	22.10		
		6	0	21.23	20.95	21.11	22.10		
	64QAM	1	0	21.16	21.04	21.22	22.10		
		1	2	20.86	20.95	21.05	22.10		
		1	5	20.99	20.93	21.06	22.10		
		3	0	21.15	21.10	21.18	22.10		
		3	2	20.94	20.92	21.02	22.10		
		3	3	21.05	20.93	21.07	22.10		
		6	0	20.51	20.41	20.42	21.10		
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
	20800				21100	21400			
3MHz	QPSK	1	0	22.61	22.60	22.61	23.60		
		1	7	22.48	22.61	22.52	23.60		
		1	14	22.45	22.52	22.65	23.60		
		8	0	22.15	22.27	22.09	23.10		
		8	4	22.15	22.10	22.22	23.10		
		8	7	22.23	22.12	22.16	23.10		
	16QAM	15	0	22.23	22.28	22.13	23.10		
		1	0	22.18	22.02	22.17	23.10		
		1	7	21.96	22.20	21.95	23.10		
		1	14	22.09	22.23	22.04	23.10		
		8	0	21.26	21.24	21.16	22.10		
		8	4	21.23	21.15	21.18	22.10		
	64QAM	8	7	21.26	21.23	21.29	22.10		
		15	0	21.15	21.00	21.09	22.10		
		1	0	21.12	21.07	21.23	22.10		
		1	7	20.86	20.86	20.94	22.10		
		1	14	21.09	20.94	21.12	22.10		
		8	0	20.30	20.36	20.32	21.10		
5MHz	QPSK	8	4	20.13	20.25	20.28	21.10		
		8	7	20.40	20.52	20.36	21.10		
		15	0	20.39	20.48	20.37	21.10		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
		5MHz	QPSK	1	0	22.56	22.67	22.68	23.60
	1			13	22.47	22.61	22.59	23.60	
	1			24	22.49	22.48	22.66	23.60	
	12			0	22.09	22.20	22.14	23.10	
	12			6	22.17	22.07	22.17	23.10	
	12			13	22.20	22.14	22.19	23.10	
	16QAM		25	0	22.22	22.25	22.21	23.10	
			1	0	22.16	22.07	22.20	23.10	
			1	13	21.93	22.19	21.94	23.10	
			1	24	22.09	22.20	22.04	23.10	
			12	0	21.25	21.20	21.13	22.10	
			12	6	21.20	21.21	21.13	22.10	
	64QAM		12	13	21.25	21.23	21.29	22.10	
25			0	21.11	20.94	21.12	22.10		
1			0	21.07	21.07	21.24	22.10		
1			13	20.87	20.88	20.95	22.10		
1			24	21.07	20.90	21.12	22.10		
12			0	20.28	20.35	20.39	21.10		
		12	6	20.20	20.26	20.30	21.10		

Bandwidth	Modulation	12	13	20.40	20.54	20.37	21.10
		25	0	20.45	20.47	20.41	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
10MHz	QPSK	1	0	22.56	22.60	22.61	23.60
		1	25	22.48	22.59	22.53	23.60
		1	49	22.48	22.52	22.62	23.60
		25	0	22.13	22.22	22.08	23.10
		25	13	22.18	22.02	22.16	23.10
		25	25	22.24	22.09	22.12	23.10
		50	0	22.17	22.28	22.16	23.10
	16QAM	1	0	22.15	22.05	22.19	23.10
		1	25	21.95	22.20	21.97	23.10
		1	49	22.13	22.20	22.08	23.10
		25	0	21.24	21.28	21.18	22.10
		25	13	21.19	21.18	21.15	22.10
		25	25	21.19	21.23	21.33	22.10
		50	0	21.18	20.99	21.16	22.10
	64QAM	1	0	21.10	21.07	21.20	22.10
		1	25	20.86	20.90	20.96	22.10
		1	49	21.05	20.88	21.14	22.10
		25	0	20.27	20.35	20.34	21.10
		25	13	20.14	20.26	20.24	21.10
		25	25	20.44	20.48	20.32	21.10
		50	0	20.40	20.44	20.38	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.55	22.60	22.64	23.60
		1	38	22.47	22.63	22.57	23.60
		1	74	22.48	22.47	22.60	23.60
		36	0	22.11	22.20	22.10	23.10
		36	18	22.20	22.05	22.24	23.10
		36	39	22.28	22.10	22.20	23.10
		75	0	22.22	22.26	22.18	23.10
	16QAM	1	0	22.12	22.07	22.17	23.10
		1	38	21.92	22.26	21.94	23.10
		1	74	22.13	22.26	22.09	23.10
		36	0	21.23	21.27	21.12	22.10
		36	18	21.21	21.17	21.14	22.10
		36	39	21.25	21.17	21.27	22.10
		75	0	21.13	20.96	21.15	22.10
	64QAM	1	0	21.08	21.11	21.27	22.10
		1	38	20.85	20.83	21.00	22.10
		1	74	21.07	20.89	21.12	22.10
		36	0	20.26	20.35	20.35	21.10
		36	18	20.18	20.27	20.27	21.10
		36	39	20.42	20.54	20.31	21.10
		75	0	20.47	20.47	20.38	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.60	22.71	22.60	23.60
		1	50	22.48	22.59	22.57	23.60
		1	99	22.43	22.51	22.65	23.60
		50	0	22.12	22.28	22.07	23.10
		50	25	22.23	22.03	22.19	23.10
		50	50	22.20	22.14	22.18	23.10

	16QAM	100	0	22.18	22.24	22.15	23.10
		1	0	22.14	22.08	22.13	23.10
		1	50	21.97	22.24	21.92	23.10
		1	99	22.13	22.24	22.04	23.10
		50	0	21.24	21.23	21.11	22.10
		50	25	21.23	21.16	21.17	22.10
		50	50	21.26	21.17	21.30	22.10
	64QAM	100	0	21.19	20.99	21.12	22.10
		1	0	21.06	21.14	21.28	22.10
		1	50	20.88	20.91	20.98	22.10
		1	99	21.05	20.88	21.09	22.10
		50	0	20.25	20.37	20.32	21.10
		50	25	20.15	20.27	20.32	21.10
		50	50	20.45	20.49	20.37	21.10
		100	0	20.47	20.51	20.46	21.10

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.39	23.47	23.46	24.10
		1	13	23.37	23.46	23.40	24.10
		1	24	23.33	23.40	23.39	24.10
		12	0	22.56	22.64	22.50	23.10
		12	6	22.65	22.47	22.59	23.10
		12	13	22.69	22.46	22.60	23.10
		25	0	22.56	22.63	22.57	23.10
	16QAM	1	0	22.58	22.43	22.54	23.10
		1	13	22.38	22.63	22.41	23.10
		1	24	22.54	22.62	22.45	23.10
		12	0	21.65	21.63	21.51	22.10
		12	6	21.54	21.52	21.58	22.10
		12	13	21.55	21.57	21.67	22.10
		25	0	21.62	21.43	21.58	22.10
	64QAM	1	0	21.52	21.47	21.63	22.10
		1	13	21.26	21.33	21.39	22.10
		1	24	21.43	21.33	21.42	22.10
		12	0	20.68	20.72	20.75	21.10
		12	6	20.59	20.70	20.60	21.10
		12	13	20.86	20.84	20.73	21.10
		25	0	20.82	20.90	20.83	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.45	23.51	23.45	24.10
		1	25	23.40	23.43	23.46	24.10
		1	49	23.33	23.39	23.38	24.10
		25	0	22.53	22.62	22.47	23.10
		25	13	22.65	22.41	22.56	23.10
		25	25	22.63	22.51	22.60	23.10
		50	0	22.56	22.68	22.54	23.10
	16QAM	1	0	22.58	22.44	22.60	23.10
		1	25	22.41	22.61	22.40	23.10

		1	49	22.55	22.57	22.52	23.10
		25	0	21.58	21.64	21.48	22.10
		25	13	21.52	21.56	21.59	22.10
		25	25	21.54	21.55	21.65	22.10
		50	0	21.61	21.43	21.55	22.10
	64QAM	1	0	21.50	21.51	21.58	22.10
		1	25	21.26	21.25	21.38	22.10
		1	49	21.39	21.37	21.50	22.10
		25	0	20.67	20.72	20.69	21.10
		25	13	20.56	20.70	20.64	21.10
		25	25	20.82	20.85	20.78	21.10
		50	0	20.90	20.90	20.82	21.10
		50	0	20.90	20.90	20.82	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.39	23.50	23.48	24.10
		1	38	23.45	23.48	23.46	24.10
		1	74	23.35	23.37	23.39	24.10
		36	0	22.53	22.69	22.47	23.10
		36	18	22.60	22.44	22.58	23.10
		36	39	22.62	22.45	22.61	23.10
		75	0	22.57	22.66	22.57	23.10
	16QAM	1	0	22.53	22.43	22.62	23.10
		1	38	22.41	22.62	22.36	23.10
		1	74	22.52	22.60	22.48	23.10
		36	0	21.58	21.71	21.49	22.10
		36	18	21.58	21.56	21.56	22.10
		36	39	21.55	21.53	21.68	22.10
		75	0	21.62	21.37	21.55	22.10
	64QAM	1	0	21.47	21.46	21.59	22.10
		1	38	21.29	21.29	21.44	22.10
		1	74	21.42	21.37	21.48	22.10
		36	0	20.75	20.79	20.69	21.10
		36	18	20.55	20.69	20.60	21.10
		36	39	20.86	20.82	20.72	21.10
		75	0	20.83	20.87	20.81	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	23.37	23.56	23.47	24.10
		1	50	23.44	23.44	23.43	24.10
		1	99	23.36	23.38	23.36	24.10
		50	0	22.55	22.74	22.50	23.10
		50	25	22.65	22.41	22.55	23.10
		50	50	22.62	22.49	22.60	23.10
		100	0	22.53	22.64	22.52	23.10
	16QAM	1	0	22.51	22.50	22.57	23.10
		1	50	22.38	22.56	22.39	23.10
		1	99	22.53	22.58	22.49	23.10
		50	0	21.65	21.72	21.49	22.10
		50	25	21.58	21.53	21.60	22.10
		50	50	21.59	21.60	21.68	22.10
		100	0	21.62	21.40	21.53	22.10
	64QAM	1	0	21.48	21.50	21.62	22.10
		1	50	21.31	21.25	21.43	22.10
		1	99	21.41	21.30	21.47	22.10
		50	0	20.71	20.79	20.71	21.10

		50	25	20.55	20.69	20.64	21.10
		50	50	20.87	20.90	20.77	21.10
		100	0	20.82	20.89	20.83	21.10

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.94	19.94	19.90	20.60
		1	13	19.88	19.88	19.87	20.60
		1	24	19.89	19.89	19.94	20.60
		12	0	19.92	19.87	19.93	20.60
		12	6	19.92	19.88	19.91	20.60
		12	13	19.94	19.92	19.87	20.60
	16QAM	25	0	19.86	19.94	19.87	20.60
		1	0	19.88	19.87	19.92	20.60
		1	13	19.86	19.89	19.88	20.60
		1	24	19.93	19.91	19.88	20.60
		12	0	19.94	19.89	19.92	20.60
		12	6	19.88	19.88	19.88	20.60
	64QAM	12	13	19.95	19.93	19.88	20.60
		25	0	19.88	19.92	19.86	20.60
		1	0	19.92	19.91	19.90	20.60
		1	13	19.93	19.95	19.87	20.60
		1	24	19.90	19.93	19.94	20.60
		12	0	19.87	19.88	19.87	20.60
10MHz	QPSK	12	6	19.88	19.93	19.94	20.60
		12	13	19.92	19.89	19.87	20.60
		25	0	19.89	19.88	19.93	20.60
		1	0	19.94	19.86	19.90	20.60
		1	25	19.87	19.87	19.89	20.60
		1	49	19.92	19.90	19.93	20.60
	16QAM	25	0	19.93	19.90	19.93	20.60
		25	13	19.94	19.90	19.88	20.60
		25	25	19.91	19.91	19.88	20.60
		50	0	19.94	19.86	19.90	20.60
		1	0	19.87	19.87	19.89	20.60
		1	25	19.92	19.94	19.86	20.60
	64QAM	1	49	19.89	19.90	19.92	20.60
		25	0	19.92	19.90	19.91	20.60
		25	13	19.87	19.90	19.91	20.60
		25	25	19.89	19.90	19.94	20.60
		50	0	19.92	19.93	19.94	20.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.91	19.89	19.92	20.60
		1	38	19.87	19.95	19.93	20.60
		1	74	19.87	19.92	19.89	20.60
		36	0	19.93	19.87	19.91	20.60
		36	18	19.90	19.91	19.92	20.60
		36	39	19.91	19.95	19.90	20.60
		75	0	19.86	19.93	19.93	20.60
	16QAM	1	0	19.93	19.94	19.88	20.60
		1	38	19.91	19.86	19.87	20.60
		1	74	19.90	19.86	19.93	20.60
		36	0	19.90	19.88	19.89	20.60
		36	18	19.94	19.87	19.89	20.60
		36	39	19.90	19.92	19.94	20.60
		75	0	19.89	19.89	19.92	20.60
	64QAM	1	0	19.88	19.92	19.93	20.60
		1	38	19.88	19.89	19.95	20.60
		1	74	19.93	19.87	19.95	20.60
		36	0	19.95	19.89	19.94	20.60
		36	18	19.93	19.89	19.86	20.60
		36	39	19.92	19.89	19.87	20.60
		75	0	19.89	19.92	19.90	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.87	19.97	19.86	20.60
		1	50	19.92	19.91	19.91	20.60
		1	99	19.89	19.87	19.94	20.60
		50	0	19.90	19.94	19.94	20.60
		50	25	19.93	19.88	19.88	20.60
		50	50	19.92	19.94	19.86	20.60
		100	0	19.90	19.94	19.92	20.60
	16QAM	1	0	19.90	19.87	19.90	20.60
		1	50	19.88	19.87	19.91	20.60
		1	99	19.92	19.90	19.94	20.60
		50	0	19.87	19.86	19.91	20.60
		50	25	19.89	19.89	19.94	20.60
		50	50	19.89	19.93	19.91	20.60
		100	0	19.88	19.88	19.91	20.60
	64QAM	1	0	19.95	19.90	19.94	20.60
		1	50	19.88	19.90	19.91	20.60
		1	99	19.90	19.90	19.88	20.60
		50	0	19.92	19.86	19.86	20.60
		50	25	19.86	19.94	19.93	20.60
		50	50	19.93	19.89	19.89	20.60
		100	0	19.91	19.88	19.91	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	17.51	17.65	17.59	18.10
		1	13	17.53	17.52	17.50	18.10

LTE Band 7 Receiver off/Sensor On				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.51	17.65	17.59	18.10
		1	13	17.53	17.52	17.50	18.10

		1	24	17.65	17.52	17.64	18.10	
		12	0	17.52	17.65	17.61	18.10	
		12	6	17.55	17.56	17.53	18.10	
		12	13	17.50	17.66	17.54	18.10	
		25	0	17.52	17.55	17.60	18.10	
		25	13	17.55	17.52	17.59	18.10	
	16QAM	1	0	17.67	17.60	17.51	18.10	
		1	13	17.62	17.55	17.53	18.10	
		1	24	17.58	17.58	17.57	18.10	
		12	0	17.67	17.55	17.56	18.10	
		12	6	17.53	17.62	17.64	18.10	
		12	13	17.66	17.63	17.67	18.10	
	64QAM	25	0	17.55	17.52	17.59	18.10	
		1	0	17.57	17.56	17.55	18.10	
		1	13	17.63	17.65	17.60	18.10	
		1	24	17.64	17.67	17.53	18.10	
		12	0	17.68	17.62	17.65	18.10	
		12	6	17.64	17.56	17.56	18.10	
	12	13	17.61	17.67	17.53	18.10		
	25	0	17.55	17.56	17.55	18.10		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
	10MHz	QPSK	1	0	17.51	17.65	17.59	18.10
			1	25	17.53	17.52	17.50	18.10
1			49	17.65	17.52	17.64	18.10	
25			0	17.52	17.65	17.61	18.10	
25			13	17.55	17.56	17.53	18.10	
25			25	17.50	17.66	17.54	18.10	
16QAM		50	0	17.52	17.55	17.60	18.10	
		1	0	17.67	17.60	17.51	18.10	
		1	25	17.62	17.55	17.53	18.10	
		1	49	17.58	17.58	17.57	18.10	
		25	0	17.67	17.55	17.56	18.10	
		25	13	17.53	17.62	17.64	18.10	
64QAM		25	25	17.66	17.63	17.67	18.10	
		50	0	17.55	17.52	17.59	18.10	
		1	0	17.57	17.56	17.55	18.10	
		1	25	17.63	17.65	17.60	18.10	
		1	49	17.64	17.67	17.53	18.10	
		25	0	17.68	17.62	17.65	18.10	
	25	13	17.64	17.56	17.56	18.10		
	25	25	17.61	17.67	17.53	18.10		
	50	0	17.55	17.56	17.55	18.10		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	17.51	17.65	17.59	18.10
1			38	17.53	17.52	17.50	18.10	
1			74	17.65	17.52	17.64	18.10	
36			0	17.52	17.65	17.61	18.10	
36			18	17.55	17.56	17.53	18.10	
36			39	17.50	17.66	17.54	18.10	
16QAM		75	0	17.52	17.55	17.60	18.10	
		1	0	17.67	17.60	17.51	18.10	
		1	38	17.62	17.55	17.53	18.10	
		1	74	17.58	17.58	17.57	18.10	

		36	0	17.67	17.55	17.56	18.10	
		36	18	17.53	17.62	17.64	18.10	
		36	39	17.66	17.63	17.67	18.10	
		75	0	17.55	17.52	17.59	18.10	
	64QAM	1	0	17.57	17.56	17.55	18.10	
		1	38	17.63	17.65	17.60	18.10	
		1	74	17.64	17.67	17.53	18.10	
		36	0	17.68	17.62	17.65	18.10	
		36	18	17.64	17.56	17.56	18.10	
		36	39	17.61	17.67	17.53	18.10	
		75	0	17.55	17.56	17.55	18.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	17.51	17.56	17.49	18.10	
		1	50	17.53	17.52	17.50	18.10	
		1	99	17.45	17.52	17.44	18.10	
		50	0	17.52	17.74	17.61	18.10	
		50	25	17.55	17.56	17.53	18.10	
		50	50	17.50	17.66	17.54	18.10	
		100	0	17.52	17.62	17.60	18.10	
	16QAM	1	0	17.67	17.60	17.51	18.10	
		1	50	17.62	17.55	17.53	18.10	
		1	99	17.58	17.58	17.57	18.10	
		50	0	17.67	17.55	17.56	18.10	
		50	25	17.53	17.62	17.64	18.10	
		50	50	17.66	17.63	17.67	18.10	
		100	0	17.55	17.52	17.59	18.10	
	64QAM	1	0	17.57	17.56	17.55	18.10	
		1	50	17.63	17.65	17.60	18.10	
		1	99	17.64	17.67	17.53	18.10	
		50	0	17.68	17.62	17.65	18.10	
		50	25	17.64	17.56	17.56	18.10	
		50	50	17.61	17.67	17.53	18.10	
		100	0	17.55	17.56	17.55	18.10	

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.05	23.03	23.07	24.10
		1	2	22.93	23.02	22.99	24.10
		1	5	22.97	22.99	22.92	24.10
		3	0	22.10	22.09	22.14	23.10
		3	1	22.24	22.05	22.17	23.10
		3	3	22.20	22.15	22.12	23.10
		6	0	22.13	22.27	22.09	23.10
	16QAM	1	0	22.11	22.03	22.17	23.10
		1	2	21.98	22.16	21.94	23.10
		1	5	22.08	22.23	22.13	23.10
		3	0	21.24	21.25	21.13	22.10
		3	1	21.19	21.20	21.24	22.10
		3	3	21.14	21.11	21.24	22.10
		6	0	21.20	20.97	21.14	22.10
	64QAM	1	0	21.08	21.09	21.25	22.10

		1	2	20.88	20.87	21.01	22.10	
		1	5	21.01	20.88	21.09	22.10	
		3	0	21.24	21.24	21.25	22.10	
		3	1	21.24	21.19	21.20	22.10	
		3	3	21.14	21.14	21.11	22.10	
		6	0	20.42	20.42	20.45	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	23.05	23.09	23.05	24.10	
		1	7	22.91	23.06	22.99	24.10	
		1	14	22.95	23.02	22.97	24.10	
		8	0	22.11	22.12	22.11	23.10	
		8	4	22.23	22.04	22.16	23.10	
		8	7	22.17	22.11	22.15	23.10	
	16QAM	15	0	22.15	22.24	22.12	23.10	
		1	0	22.16	22.08	22.18	23.10	
		1	7	21.93	22.20	21.98	23.10	
		1	14	22.14	22.24	22.12	23.10	
		8	0	21.18	21.22	21.13	22.10	
		8	4	21.20	21.17	21.20	22.10	
	64QAM	8	7	21.15	21.12	21.27	22.10	
		15	0	21.18	20.99	21.13	22.10	
		1	0	21.09	21.06	21.24	22.10	
		1	7	20.88	20.92	20.98	22.10	
		1	14	20.96	20.92	21.12	22.10	
		8	0	20.36	20.42	20.33	21.10	
			8	4	20.24	20.23	20.21	21.10
			8	7	20.45	20.39	20.40	21.10
			15	0	20.44	20.42	20.43	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.00	23.03	23.05	24.10	
		1	13	22.95	23.05	22.98	24.10	
		1	24	22.92	22.97	22.92	24.10	
		12	0	22.06	22.15	22.15	23.10	
		12	6	22.21	22.04	22.18	23.10	
		12	13	22.20	22.16	22.17	23.10	
	16QAM	25	0	22.16	22.24	22.08	23.10	
		1	0	22.11	22.03	22.15	23.10	
		1	13	21.94	22.16	21.92	23.10	
		1	24	22.10	22.22	22.10	23.10	
		12	0	21.23	21.19	21.14	22.10	
		12	6	21.18	21.14	21.23	22.10	
	64QAM	12	13	21.16	21.14	21.27	22.10	
		25	0	21.20	21.02	21.13	22.10	
		1	0	21.07	21.06	21.21	22.10	
		1	13	20.89	20.92	21.02	22.10	
		1	24	20.97	20.93	21.11	22.10	
		12	0	20.33	20.37	20.32	21.10	
			12	6	20.25	20.20	20.23	21.10
			12	13	20.48	20.41	20.40	21.10
			25	0	20.44	20.44	20.45	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	23.04	23.07	23.06	24.10	
		1	25	22.96	23.06	23.00	24.10	

		1	49	22.96	22.97	22.96	24.10
		25	0	22.05	22.11	22.11	23.10
		25	13	22.26	22.03	22.22	23.10
		25	25	22.21	22.11	22.16	23.10
		50	0	22.14	22.24	22.11	23.10
		1	0	22.14	22.04	22.18	23.10
	16QAM	1	25	21.96	22.19	21.97	23.10
		1	49	22.08	22.22	22.08	23.10
		25	0	21.19	21.19	21.10	22.10
		25	13	21.17	21.19	21.20	22.10
		25	25	21.15	21.08	21.27	22.10
		50	0	21.21	20.99	21.13	22.10
	64QAM	1	0	21.09	21.07	21.19	22.10
		1	25	20.86	20.92	21.00	22.10
		1	49	20.97	20.88	21.06	22.10
		25	0	20.32	20.40	20.30	21.10
		25	13	20.23	20.20	20.21	21.10
		25	25	20.47	20.38	20.40	21.10
		50	0	20.47	20.41	20.45	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.03	23.04	23.07	24.10
		1	38	22.95	23.01	23.01	24.10
		1	74	22.92	23.02	22.93	24.10
		36	0	22.11	22.12	22.11	23.10
		36	18	22.22	22.04	22.22	23.10
		36	39	22.18	22.13	22.13	23.10
		75	0	22.17	22.25	22.13	23.10
	16QAM	1	0	22.15	22.05	22.17	23.10
		1	38	21.92	22.20	21.94	23.10
		1	74	22.14	22.20	22.14	23.10
		36	0	21.23	21.24	21.15	22.10
		36	18	21.21	21.19	21.21	22.10
		36	39	21.14	21.10	21.25	22.10
		75	0	21.19	20.98	21.19	22.10
	64QAM	1	0	21.09	21.04	21.20	22.10
		1	38	20.89	20.88	21.02	22.10
		1	74	21.01	20.89	21.08	22.10
		36	0	20.32	20.37	20.28	21.10
36		18	20.23	20.24	20.20	21.10	
36		39	20.43	20.41	20.40	21.10	
75		0	20.43	20.44	20.40	21.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.98	23.10	23.03	24.10
		1	50	22.96	23.01	22.97	24.10
		1	99	22.94	22.97	22.96	24.10
		50	0	22.08	22.33	22.09	23.10
		50	25	22.23	22.03	22.16	23.10
		50	50	22.16	22.12	22.15	23.10
		100	0	22.15	22.27	22.14	23.10
	16QAM	1	0	22.13	22.07	22.14	23.10
		1	50	21.94	22.19	21.98	23.10
		1	99	22.09	22.19	22.10	23.10
		50	0	21.23	21.20	21.10	22.10
		50	25	21.15	21.14	21.25	22.10

64QAM	50	50	21.16	21.13	21.22	22.10
	100	0	21.24	21.00	21.18	22.10
	1	0	21.10	21.07	21.25	22.10
	1	50	20.85	20.88	21.05	22.10
	1	99	21.00	20.91	21.11	22.10
	50	0	20.34	20.36	20.31	21.10
	50	25	20.25	20.21	20.23	21.10
	50	50	20.46	20.40	20.42	21.10
	100	0	20.42	20.45	20.41	21.10

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.10	23.14	23.17	24.50	
		1	13	23.07	23.07	23.10	24.50	
		1	24	22.96	23.04	23.03	24.50	
		12	0	22.16	22.30	22.15	23.50	
		12	6	22.29	22.05	22.22	23.50	
		12	13	22.32	22.14	22.25	23.50	
	16QAM	25	0	22.20	22.26	22.18	23.50	
		1	0	22.18	22.15	22.24	23.50	
		1	13	22.04	22.28	22.00	23.50	
		1	24	22.15	22.27	22.17	23.50	
		12	0	21.30	21.29	21.19	22.50	
		12	6	21.18	21.20	21.19	22.50	
	64QAM	12	13	21.25	21.20	21.33	22.50	
		25	0	21.19	21.04	21.23	22.50	
		1	0	21.19	21.11	21.23	22.50	
		1	13	20.95	20.94	21.06	22.50	
		1	24	21.06	21.02	21.08	22.50	
		12	0	20.36	20.39	20.41	21.50	
	10MHz	QPSK	12	6	20.24	20.31	20.32	21.50
			12	13	20.54	20.49	20.42	21.50
			25	0	20.51	20.55	20.49	21.50
			1	0	23.03	23.14	23.11	24.50
			1	25	23.08	23.05	23.09	24.50
			1	49	22.99	23.02	23.06	24.50
16QAM		25	0	22.18	22.36	22.20	23.50	
		25	13	22.27	22.09	22.26	23.50	
		25	25	22.27	22.18	22.19	23.50	
		50	0	22.16	22.34	22.16	23.50	
		1	0	22.19	22.10	22.19	23.50	
		1	25	22.05	22.23	22.03	23.50	
64QAM	1	49	22.15	22.29	22.14	23.50		
	25	0	21.24	21.30	21.17	22.50		
	25	13	21.17	21.20	21.24	22.50		
	25	25	21.24	21.21	21.36	22.50		
	50	0	21.19	21.08	21.22	22.50		
	1	0	21.12	21.17	21.29	22.50		
	64QAM	1	25	20.96	20.97	21.02	22.50	
		1	49	21.03	20.96	21.07	22.50	

		25	0	20.39	20.39	20.35	21.50
		25	13	20.27	20.28	20.26	21.50
		25	25	20.49	20.54	20.37	21.50
		50	0	20.53	20.49	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.07	23.11	23.13	24.50
		1	38	23.03	23.05	23.12	24.50
		1	74	22.96	23.03	23.08	24.50
		36	0	22.17	22.32	22.18	23.50
		36	18	22.27	22.07	22.19	23.50
		36	39	22.28	22.16	22.27	23.50
	16QAM	75	0	22.17	22.30	22.23	23.50
		1	0	22.16	22.12	22.27	23.50
		1	38	22.06	22.23	22.01	23.50
		1	74	22.19	22.24	22.13	23.50
		36	0	21.26	21.35	21.18	22.50
		36	18	21.19	21.19	21.19	22.50
	64QAM	36	39	21.21	21.18	21.33	22.50
		75	0	21.22	21.07	21.16	22.50
		1	0	21.19	21.12	21.22	22.50
		1	38	20.97	20.91	21.10	22.50
		1	74	21.06	20.95	21.08	22.50
		36	0	20.31	20.43	20.38	21.50
		36	18	20.25	20.33	20.29	21.50
		36	39	20.48	20.52	20.39	21.50
		75	0	20.49	20.55	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.08	23.23	23.17	24.50
		1	50	23.03	23.11	23.09	24.50
		1	99	23.00	23.08	23.01	24.50
		50	0	22.15	22.38	22.13	23.50
		50	25	22.29	22.10	22.25	23.50
		50	50	22.29	22.14	22.25	23.50
	16QAM	100	0	22.17	22.29	22.20	23.50
		1	0	22.22	22.08	22.23	23.50
		1	50	22.09	22.25	22.02	23.50
		1	99	22.20	22.26	22.10	23.50
		50	0	21.26	21.33	21.16	22.50
		50	25	21.25	21.18	21.20	22.50
	64QAM	50	50	21.22	21.25	21.36	22.50
		100	0	21.20	21.02	21.17	22.50
		1	0	21.14	21.14	21.21	22.50
		1	50	20.95	20.91	21.08	22.50
		1	99	21.11	21.00	21.15	22.50
		50	0	20.34	20.41	20.35	21.50
		50	25	20.20	20.33	20.27	21.50
		50	50	20.51	20.47	20.37	21.50
		100	0	20.49	20.48	20.49	21.50

LTE Band 38 Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				37775	38000	38225	
5MHz	QPSK	1	0	20.75	20.72	20.71	21.50
		1	13	20.68	20.72	20.66	21.50
		1	24	20.69	20.74	20.74	21.50
		12	0	20.67	20.70	20.70	21.50
		12	6	20.74	20.67	20.66	21.50
		12	13	20.68	20.68	20.67	21.50
		25	0	20.71	20.69	20.73	21.50
	16QAM	1	0	20.74	20.67	20.72	21.50
		1	13	20.74	20.69	20.71	21.50
		1	24	20.74	20.73	20.68	21.50
		12	0	20.71	20.70	20.67	21.50
		12	6	20.70	20.70	20.72	21.50
		12	13	20.71	20.71	20.67	21.50
		25	0	20.73	20.70	20.69	21.50
	64QAM	1	0	20.68	20.66	20.72	21.50
		1	13	20.67	20.73	20.68	21.50
		1	24	20.69	20.71	20.68	21.50
		12	0	20.70	20.75	20.67	21.50
		12	6	20.68	20.72	20.66	21.50
		12	13	20.72	20.69	20.68	21.50
		25	0	20.68	20.71	20.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	20.68	20.70	20.73	21.50
		1	25	20.70	20.69	20.71	21.50
		1	49	20.71	20.67	20.75	21.50
		25	0	20.68	20.71	20.66	21.50
		25	13	20.69	20.68	20.73	21.50
		25	25	20.71	20.73	20.74	21.50
		50	0	20.67	20.75	20.75	21.50
	16QAM	1	0	20.74	20.75	20.67	21.50
		1	25	20.70	20.73	20.74	21.50
		1	49	20.67	20.67	20.69	21.50
		25	0	20.71	20.68	20.70	21.50
		25	13	20.70	20.75	20.75	21.50
		25	25	20.67	20.71	20.71	21.50
		50	0	20.70	20.70	20.72	21.50
	64QAM	1	0	20.70	20.71	20.70	21.50
		1	25	20.74	20.73	20.69	21.50
		1	49	20.72	20.67	20.73	21.50
		25	0	20.67	20.74	20.70	21.50
		25	13	20.71	20.69	20.72	21.50
		25	25	20.71	20.71	20.67	21.50
		50	0	20.67	20.71	20.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	20.69	20.74	20.68	21.50
		1	38	20.69	20.69	20.68	21.50
		1	74	20.72	20.74	20.69	21.50
		36	0	20.70	20.71	20.73	21.50
		36	18	20.67	20.74	20.70	21.50
		36	39	20.67	20.67	20.72	21.50
		75	0	20.68	20.66	20.74	21.50
	16QAM	1	0	20.73	20.68	20.69	21.50
		1	38	20.72	20.71	20.74	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	1	74	20.72	20.69	20.74	21.50	
		36	0	20.69	20.74	20.70	21.50	
		36	18	20.66	20.75	20.74	21.50	
		36	39	20.68	20.66	20.73	21.50	
		75	0	20.75	20.71	20.67	21.50	
		1	0	20.74	20.67	20.73	21.50	
		1	38	20.72	20.72	20.71	21.50	
		1	74	20.67	20.71	20.66	21.50	
		36	0	20.68	20.75	20.70	21.50	
		36	18	20.72	20.69	20.71	21.50	
		36	39	20.70	20.71	20.72	21.50	
		75	0	20.70	20.70	20.66	21.50	
	20MHz	QPSK	1	0	20.74	20.82	20.67	21.50
			1	50	20.66	20.71	20.67	21.50
			1	99	20.72	20.73	20.68	21.50
			50	0	20.72	20.75	20.72	21.50
			50	25	20.72	20.67	20.73	21.50
			50	50	20.67	20.70	20.68	21.50
			100	0	20.68	20.72	20.71	21.50
			1	0	20.69	20.70	20.69	21.50
			1	50	20.75	20.67	20.73	21.50
			1	99	20.67	20.75	20.67	21.50
			50	0	20.67	20.70	20.73	21.50
			50	25	20.67	20.74	20.67	21.50
50		50	20.73	20.74	20.68	21.50		
100		0	20.73	20.73	20.68	21.50		
64QAM		1	0	20.72	20.73	20.74	21.50	
		1	50	20.71	20.70	20.67	21.50	
		1	99	20.67	20.74	20.69	21.50	
		50	0	20.75	20.74	20.72	21.50	
		50	25	20.74	20.73	20.68	21.50	
		50	50	20.67	20.71	20.72	21.50	
		100	0	20.73	20.74	20.72	21.50	

LTE Band 38 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.18	21.27	21.32	22.50
		1	13	21.16	21.21	21.15	22.50
		1	24	21.13	21.17	21.13	22.50
		12	0	20.23	20.44	20.27	21.50
		12	6	20.40	20.19	20.31	21.50
		12	13	20.38	20.24	20.33	21.50
		25	0	20.25	20.41	20.26	21.50
		1	0	20.30	20.19	20.34	21.50
		1	13	20.15	20.37	20.11	21.50
	16QAM	1	24	20.27	20.38	20.19	21.50
		12	0	19.32	19.44	19.31	20.50
		12	6	19.36	19.27	19.31	20.50
		12	13	19.35	19.34	19.43	20.50
		25	0	19.31	19.14	19.29	20.50

		1	0	19.23	19.27	19.33	20.50	
		1	13	19.01	19.00	19.20	20.50	
		1	24	19.18	19.13	19.24	20.50	
	64QAM	12	0	18.46	18.51	18.47	19.50	
		12	6	18.32	18.41	18.35	19.50	
		12	13	18.60	18.55	18.51	19.50	
		25	0	18.63	18.56	18.58	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	21.20	21.30	21.24	22.50	
		1	25	21.10	21.19	21.22	22.50	
		1	49	21.07	21.19	21.10	22.50	
		25	0	20.29	20.50	20.22	21.50	
		25	13	20.35	20.19	20.32	21.50	
		25	25	20.44	20.28	20.32	21.50	
	16QAM	50	0	20.31	20.42	20.27	21.50	
		1	0	20.34	20.17	20.32	21.50	
		1	25	20.15	20.35	20.14	21.50	
		1	49	20.32	20.35	20.23	21.50	
		25	0	19.33	19.44	19.23	20.50	
		25	13	19.34	19.29	19.26	20.50	
	64QAM	25	25	19.28	19.32	19.45	20.50	
		50	0	19.27	19.15	19.27	20.50	
		1	0	19.26	19.22	19.35	20.50	
		1	25	19.03	18.99	19.18	20.50	
		1	49	19.22	19.09	19.30	20.50	
		25	0	18.47	18.55	18.45	19.50	
	15MHz	QPSK	25	13	18.32	18.43	18.40	19.50
			25	25	18.58	18.59	18.44	19.50
			50	0	18.60	18.58	18.63	19.50
			1	0	21.20	21.31	21.25	22.50
			1	38	21.13	21.24	21.21	22.50
			1	74	21.11	21.19	21.15	22.50
16QAM		36	0	20.27	20.45	20.27	21.50	
		36	18	20.36	20.24	20.39	21.50	
		36	39	20.44	20.25	20.36	21.50	
		75	0	20.26	20.41	20.29	21.50	
		1	0	20.31	20.18	20.36	21.50	
		1	38	20.21	20.35	20.15	21.50	
64QAM		1	74	20.33	20.35	20.17	21.50	
		36	0	19.39	19.40	19.29	20.50	
		36	18	19.38	19.26	19.31	20.50	
		36	39	19.29	19.34	19.45	20.50	
		75	0	19.32	19.11	19.32	20.50	
		1	0	19.27	19.23	19.35	20.50	
20MHz		QPSK	1	38	19.09	18.97	19.21	20.50
			1	74	19.17	19.07	19.23	20.50
			36	0	18.46	18.53	18.45	19.50
			36	18	18.29	18.46	18.42	19.50
			36	39	18.60	18.56	18.44	19.50
			75	0	18.62	18.59	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	21.22	21.35	21.26	22.50	

		1	50	21.13	21.19	21.17	22.50	
		1	99	21.12	21.18	21.08	22.50	
		50	0	20.27	20.48	20.26	21.50	
		50	25	20.39	20.25	20.35	21.50	
		50	50	20.40	20.27	20.36	21.50	
		100	0	20.32	20.37	20.26	21.50	
	16QAM	1	0	20.34	20.23	20.33	21.50	
		1	50	20.24	20.32	20.13	21.50	
		1	99	20.27	20.33	20.17	21.50	
		50	0	19.38	19.42	19.22	20.50	
		50	25	19.31	19.33	19.31	20.50	
		50	50	19.32	19.38	19.49	20.50	
	64QAM	100	0	19.33	19.10	19.32	20.50	
		1	0	19.25	19.27	19.28	20.50	
		1	50	19.06	18.99	19.20	20.50	
		1	99	19.26	19.06	19.23	20.50	
		50	0	18.44	18.52	18.43	19.50	
		50	25	18.27	18.40	18.39	19.50	
			50	50	18.62	18.61	18.50	19.50
			100	0	18.61	18.59	18.55	19.50

LTE Band 41				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	23.28	23.36	23.28	23.42	23.41	24.50	
		1	13	23.26	23.38	23.30	23.30	23.32	24.50	
		1	24	23.25	23.26	23.19	23.26	23.28	24.50	
		12	0	22.39	22.54	22.45	22.58	22.40	23.50	
		12	6	22.57	22.31	22.53	22.31	22.46	23.50	
		12	13	22.51	22.39	22.55	22.42	22.46	23.50	
	16QAM	25	0	22.41	22.53	22.43	22.53	22.44	23.50	
		1	0	22.41	22.32	22.44	22.37	22.49	23.50	
		1	13	22.32	22.50	22.30	22.47	22.31	23.50	
		1	24	22.42	22.51	22.44	22.52	22.41	23.50	
		12	0	21.49	21.58	21.54	21.54	21.41	22.50	
		12	6	21.44	21.39	21.42	21.43	21.43	22.50	
	64QAM	12	13	21.48	21.48	21.52	21.42	21.62	22.50	
		25	0	21.46	21.34	21.52	21.27	21.45	22.50	
		1	0	21.40	21.41	21.39	21.40	21.49	22.50	
		1	13	21.17	21.14	21.22	21.15	21.28	22.50	
		1	24	21.35	21.21	21.34	21.27	21.35	22.50	
		12	0	20.64	20.67	20.57	20.65	20.60	21.50	
	10MHz	QPSK	12	6	20.47	20.61	20.44	20.58	20.56	21.50
			12	13	20.78	20.80	20.76	20.77	20.66	21.50
			25	0	20.78	20.75	20.78	20.80	20.68	21.50
Channel			Channel	Channel	Channel	Channel	Tune up			
39700			40160	40620	41080	41540				
1			0	23.28	23.38	23.28	23.37	23.42	24.50	
1	25	23.32	23.36	23.27	23.31	23.31	24.50			
1	49	23.24	23.31	23.23	23.27	23.27	24.50			
25	0	22.45	22.59	22.41	22.54	22.43	23.50			
25	13	22.49	22.32	22.52	22.38	22.47	23.50			
25	25	22.57	22.44	22.60	22.35	22.45	23.50			

	16QAM	50	0	22.41	22.60	22.45	22.59	22.46	23.50	
		1	0	22.43	22.34	22.45	22.39	22.47	23.50	
		1	25	22.30	22.48	22.34	22.53	22.26	23.50	
		1	49	22.42	22.49	22.46	22.46	22.42	23.50	
		25	0	21.48	21.61	21.54	21.58	21.45	22.50	
		25	13	21.41	21.39	21.43	21.42	21.47	22.50	
		25	25	21.50	21.44	21.45	21.49	21.57	22.50	
	64QAM	50	0	21.51	21.26	21.51	21.30	21.46	22.50	
		1	0	21.37	21.37	21.45	21.35	21.46	22.50	
		1	25	21.23	21.19	21.20	21.16	21.31	22.50	
		1	49	21.35	21.21	21.27	21.23	21.39	22.50	
		25	0	20.65	20.64	20.61	20.63	20.65	21.50	
		25	13	20.52	20.56	20.45	20.61	20.52	21.50	
		25	25	20.80	20.72	20.80	20.74	20.61	21.50	
50	0	20.77	20.75	20.73	20.75	20.74	21.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	23.29	23.38	23.27	23.43	23.35	24.50	
		1	38	23.29	23.29	23.29	23.38	23.31	24.50	
		1	74	23.26	23.25	23.22	23.31	23.31	24.50	
		36	0	22.46	22.59	22.40	22.59	22.41	23.50	
		36	18	22.48	22.33	22.56	22.32	22.48	23.50	
		36	39	22.54	22.41	22.53	22.40	22.46	23.50	
	16QAM	75	0	22.46	22.52	22.40	22.54	22.42	23.50	
		1	0	22.46	22.35	22.45	22.33	22.49	23.50	
		1	38	22.31	22.50	22.31	22.51	22.30	23.50	
		1	74	22.45	22.51	22.42	22.55	22.35	23.50	
		36	0	21.51	21.62	21.48	21.56	21.41	22.50	
		36	18	21.47	21.40	21.50	21.39	21.44	22.50	
	64QAM	36	39	21.45	21.48	21.52	21.45	21.64	22.50	
		75	0	21.50	21.31	21.45	21.25	21.47	22.50	
		1	0	21.42	21.38	21.38	21.42	21.50	22.50	
		1	38	21.18	21.17	21.20	21.17	21.35	22.50	
		1	74	21.34	21.20	21.28	21.20	21.40	22.50	
		36	0	20.65	20.68	20.58	20.62	20.66	21.50	
	20MHz	QPSK	36	18	20.52	20.59	20.48	20.52	20.56	21.50
			36	39	20.72	20.80	20.80	20.75	20.68	21.50
			75	0	20.73	20.73	20.78	20.80	20.72	21.50
1			0	23.31	23.40	23.44	23.41	23.35	24.50	
1			50	23.28	23.34	23.32	23.30	23.36	24.50	
1	99		23.21	23.26	23.22	23.27	23.29	24.50		
50	0		22.39	22.59	22.62	22.56	22.43	23.50		
16QAM	50	25	22.49	22.38	22.49	22.35	22.46	23.50		
	50	50	22.59	22.42	22.57	22.38	22.45	23.50		
	100	0	22.44	22.52	22.46	22.58	22.41	23.50		
	1	0	22.48	22.36	22.41	22.34	22.47	23.50		
	1	50	22.28	22.46	22.30	22.51	22.27	23.50		
	1	99	22.42	22.50	22.46	22.52	22.42	23.50		
	50	0	21.50	21.54	21.56	21.60	21.43	22.50		
	50	25	21.41	21.42	21.47	21.41	21.49	22.50		
	50	50	21.50	21.46	21.52	21.50	21.58	22.50		
	100	0	21.44	21.30	21.46	21.31	21.42	22.50		
64QAM	1	0	21.40	21.41	21.41	21.36	21.53	22.50		
	1	50	21.17	21.19	21.19	21.23	21.27	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		

		1	99	21.34	21.26	21.31	21.24	21.34	22.50
		50	0	20.60	20.67	20.58	20.68	20.66	21.50
		50	25	20.49	20.56	20.49	20.55	20.58	21.50
		50	50	20.78	20.78	20.72	20.72	20.61	21.50
		100	0	20.72	20.80	20.73	20.74	20.73	21.50

LTE Band 41 Sensor on/Hotspot on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	20.81	20.82	20.80	20.82	20.81	21.50	
		1	13	20.83	20.80	20.76	20.83	20.83	21.50	
		1	24	20.76	20.79	20.78	20.77	20.82	21.50	
		12	0	20.83	20.78	20.83	20.85	20.81	21.50	
		12	6	20.77	20.77	20.81	20.78	20.81	21.50	
		12	13	20.85	20.77	20.76	20.84	20.84	21.50	
	16QAM	25	0	20.77	20.77	20.79	20.81	20.77	21.50	
		1	0	20.84	20.80	20.78	20.81	20.82	21.50	
		1	13	20.83	20.80	20.78	20.78	20.79	21.50	
		1	24	20.78	20.78	20.81	20.79	20.79	21.50	
		12	0	20.77	20.80	20.77	20.77	20.80	21.50	
		12	6	20.82	20.83	20.84	20.77	20.80	21.50	
	64QAM	12	13	20.80	20.84	20.79	20.79	20.77	21.50	
		25	0	20.78	20.84	20.85	20.82	20.77	21.50	
		1	0	20.83	20.82	20.82	20.79	20.76	21.50	
		1	13	20.84	20.81	20.83	20.79	20.83	21.50	
		1	24	20.77	20.84	20.81	20.84	20.83	21.50	
		12	0	20.83	20.81	20.84	20.84	20.78	21.50	
	10MHz	QPSK	12	6	20.84	20.85	20.78	20.79	20.80	21.50
			12	13	20.83	20.77	20.77	20.81	20.81	21.50
			25	0	20.82	20.78	20.79	20.79	20.79	21.50
1			0	20.84	20.77	20.79	20.82	20.76	21.50	
1			25	20.77	20.85	20.84	20.84	20.83	21.50	
1			49	20.84	20.77	20.77	20.80	20.81	21.50	
16QAM		25	0	20.83	20.78	20.84	20.78	20.79	21.50	
		25	13	20.84	20.79	20.82	20.82	20.84	21.50	
		25	25	20.76	20.82	20.84	20.76	20.78	21.50	
		50	0	20.84	20.85	20.76	20.82	20.84	21.50	
		1	0	20.83	20.78	20.79	20.82	20.84	21.50	
		1	25	20.78	20.77	20.80	20.85	20.85	21.50	
64QAM	1	49	20.84	20.81	20.81	20.81	20.82	21.50		
	25	0	20.83	20.79	20.83	20.83	20.79	21.50		
	25	13	20.79	20.79	20.83	20.79	20.83	21.50		
	25	25	20.81	20.83	20.81	20.80	20.77	21.50		
	50	0	20.84	20.83	20.78	20.80	20.79	21.50		
	1	0	20.78	20.82	20.79	20.81	20.80	21.50		
10MHz	64QAM	1	25	20.84	20.77	20.81	20.84	20.78	21.50	
		1	49	20.82	20.83	20.81	20.81	20.80	21.50	
		25	0	20.79	20.84	20.81	20.84	20.83	21.50	
		25	13	20.81	20.78	20.85	20.82	20.80	21.50	
		25	25	20.82	20.79	20.76	20.82	20.81	21.50	
		50	0	20.80	20.77	20.82	20.76	20.82	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.84	20.78	20.78	20.83	20.83	21.50
		1	38	20.76	20.77	20.80	20.81	20.81	21.50
		1	74	20.85	20.78	20.82	20.80	20.80	21.50
		36	0	20.78	20.83	20.78	20.78	20.83	21.50
		36	18	20.82	20.80	20.77	20.80	20.83	21.50
		36	39	20.83	20.79	20.80	20.79	20.76	21.50
		75	0	20.81	20.84	20.80	20.82	20.77	21.50
	16QAM	1	0	20.84	20.76	20.79	20.82	20.77	21.50
		1	38	20.76	20.83	20.85	20.77	20.79	21.50
		1	74	20.79	20.78	20.77	20.82	20.83	21.50
		36	0	20.83	20.83	20.77	20.85	20.78	21.50
		36	18	20.79	20.80	20.79	20.76	20.78	21.50
		36	39	20.81	20.78	20.83	20.78	20.79	21.50
		75	0	20.80	20.80	20.79	20.78	20.77	21.50
	64QAM	1	0	20.79	20.80	20.76	20.79	20.78	21.50
		1	38	20.83	20.81	20.84	20.82	20.77	21.50
		1	74	20.83	20.77	20.84	20.84	20.79	21.50
		36	0	20.78	20.84	20.80	20.84	20.82	21.50
		36	18	20.78	20.84	20.77	20.82	20.79	21.50
		36	39	20.79	20.84	20.79	20.80	20.76	21.50
		75	0	20.79	20.77	20.78	20.77	20.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.77	20.82	20.90	20.76	20.84	21.50
		1	50	20.80	20.82	20.80	20.79	20.80	21.50
		1	99	20.78	20.79	20.84	20.84	20.77	21.50
		50	0	20.84	20.77	20.88	20.84	20.77	21.50
		50	25	20.83	20.84	20.82	20.82	20.77	21.50
		50	50	20.76	20.80	20.83	20.79	20.76	21.50
		100	0	20.83	20.84	20.84	20.82	20.83	21.50
	16QAM	1	0	20.83	20.84	20.78	20.78	20.85	21.50
		1	50	20.77	20.78	20.77	20.82	20.83	21.50
		1	99	20.77	20.81	20.80	20.85	20.84	21.50
		50	0	20.84	20.77	20.81	20.76	20.81	21.50
		50	25	20.77	20.84	20.78	20.76	20.81	21.50
		50	50	20.83	20.85	20.78	20.80	20.83	21.50
		100	0	20.79	20.81	20.81	20.78	20.77	21.50
	64QAM	1	0	20.78	20.83	20.81	20.85	20.82	21.50
		1	50	20.81	20.79	20.79	20.83	20.84	21.50
		1	99	20.82	20.77	20.82	20.80	20.83	21.50
		50	0	20.85	20.83	20.80	20.82	20.81	21.50
		50	25	20.78	20.80	20.85	20.78	20.82	21.50
		50	50	20.79	20.84	20.84	20.81	20.76	21.50
		100	0	20.84	20.84	20.81	20.81	20.84	21.50

LTE Band 41 Receiver 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	21.48	21.59	21.49	21.56	21.44	22.50
		1	13	21.50	21.57	21.47	21.56	21.50	22.50
		1	24	21.50	21.51	21.42	21.44	21.43	22.50

		12	0	20.57	20.76	20.61	20.76	20.67	21.50		
		12	6	20.81	20.51	20.77	20.48	20.72	21.50		
		12	13	20.75	20.56	20.73	20.59	20.77	21.50		
		25	0	20.64	20.73	20.64	20.76	20.62	21.50		
		16QAM	1	0	20.64	20.50	20.59	20.52	20.68	21.50	
		1	13	20.49	20.67	20.52	20.67	20.55	21.50		
		1	24	20.61	20.71	20.63	20.68	20.65	21.50		
		12	0	19.68	19.75	19.74	19.76	19.72	20.50		
		64QAM	12	6	19.67	19.60	19.64	19.58	19.60	20.50	
			12	13	19.73	19.65	19.65	19.68	19.69	20.50	
			25	0	19.68	19.53	19.67	19.55	19.74	20.50	
			1	0	19.63	19.65	19.60	19.57	19.56	20.50	
			1	13	19.41	19.30	19.41	19.35	19.47	20.50	
			1	24	19.58	19.43	19.53	19.39	19.53	20.50	
			12	0	18.88	18.91	18.84	18.87	18.76	19.50	
			12	6	18.63	18.83	18.64	18.84	18.68	19.50	
		12	13	18.95	19.01	19.02	19.00	18.97	19.50		
		25	0	18.96	18.96	19.01	18.93	18.95	19.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		10MHz	QPSK	1	0	21.46	21.58	21.48	21.56	21.50	22.50
				1	25	21.47	21.56	21.49	21.60	21.46	22.50
				1	49	21.47	21.44	21.45	21.42	21.42	22.50
				25	0	20.63	20.79	20.56	20.79	20.62	21.50
				25	13	20.74	20.49	20.80	20.51	20.70	21.50
	25			25	20.74	20.59	20.70	20.59	20.74	21.50	
	50			0	20.62	20.70	20.61	20.69	20.66	21.50	
	16QAM			1	0	20.66	20.49	20.62	20.50	20.60	21.50
			1	25	20.54	20.71	20.54	20.67	20.48	21.50	
			1	49	20.64	20.75	20.66	20.69	20.68	21.50	
			25	0	19.69	19.78	19.69	19.76	19.76	20.50	
			25	13	19.65	19.61	19.63	19.62	19.65	20.50	
			25	25	19.69	19.68	19.68	19.66	19.68	20.50	
50			0	19.62	19.52	19.67	19.53	19.71	20.50		
64QAM			1	0	19.57	19.64	19.59	19.63	19.63	20.50	
	1		25	19.39	19.38	19.35	19.33	19.44	20.50		
	1	49	19.58	19.41	19.55	19.41	19.54	20.50			
	25	0	18.84	18.85	18.84	18.87	18.81	19.50			
	25	13	18.72	18.86	18.63	18.80	18.62	19.50			
	25	25	18.94	19.00	19.00	19.04	18.92	19.50			
	50	0	18.95	18.97	18.96	18.95	19.01	19.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	21.45	21.56	21.48	21.53	21.49	22.50		
		1	38	21.45	21.60	21.45	21.57	21.53	22.50		
		1	74	21.50	21.48	21.42	21.47	21.41	22.50		
		36	0	20.55	20.73	20.55	20.78	20.67	21.50		
		36	18	20.79	20.54	20.79	20.54	20.75	21.50		
		36	39	20.72	20.56	20.69	20.64	20.72	21.50		
		75	0	20.66	20.75	20.64	20.75	20.60	21.50		
		16QAM	1	0	20.62	20.54	20.65	20.48	20.66	21.50	
	1		38	20.56	20.68	20.49	20.68	20.54	21.50		
	1		74	20.63	20.72	20.65	20.69	20.67	21.50		
	36		0	19.74	19.75	19.73	19.80	19.70	20.50		
	36		18	19.65	19.57	19.67	19.60	19.59	20.50		
	36		39	19.70	19.71	19.68	19.73	19.74	20.50		

		75	0	19.69	19.56	19.68	19.58	19.73	20.50
	64QAM	1	0	19.63	19.61	19.57	19.59	19.59	20.50
		1	38	19.36	19.35	19.37	19.32	19.45	20.50
		1	74	19.57	19.42	19.57	19.37	19.51	20.50
		36	0	18.81	18.88	18.89	18.88	18.75	19.50
		36	18	18.66	18.79	18.64	18.77	18.63	19.50
		36	39	18.97	18.99	19.00	19.04	19.00	19.50
		75	0	18.98	18.94	18.96	18.92	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.49	21.58	21.69	21.60	21.52	22.50
		1	50	21.45	21.62	21.47	21.60	21.54	22.50
		1	99	21.47	21.46	21.48	21.50	21.39	22.50
		50	0	20.60	20.73	20.88	20.76	20.67	21.50
		50	25	20.76	20.53	20.80	20.53	20.78	21.50
		50	50	20.76	20.59	20.70	20.55	20.77	21.50
	16QAM	100	0	20.65	20.77	20.66	20.70	20.64	21.50
		1	0	20.64	20.54	20.61	20.56	20.61	21.50
		1	50	20.53	20.68	20.57	20.73	20.50	21.50
		1	99	20.64	20.74	20.66	20.73	20.66	21.50
		50	0	19.71	19.82	19.72	19.81	19.71	20.50
		50	25	19.60	19.57	19.63	19.64	19.59	20.50
	64QAM	50	50	19.68	19.71	19.73	19.67	19.70	20.50
		100	0	19.65	19.55	19.66	19.56	19.68	20.50
		1	0	19.62	19.61	19.62	19.64	19.58	20.50
		1	50	19.42	19.33	19.37	19.31	19.40	20.50
		1	99	19.58	19.37	19.54	19.42	19.59	20.50
		50	0	18.84	18.86	18.88	18.86	18.75	19.50
		50	25	18.70	18.81	18.65	18.84	18.68	19.50
		50	50	19.00	18.97	19.01	19.02	18.94	19.50
		100	0	18.98	18.92	18.95	18.99	18.98	19.50

5 Conducted Power of ENDC_LTE Antenna(Ant0)

5.1 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	24.60	24.60	24.65	25.70	
		1	2	24.49	24.66	24.61	25.70	
		1	5	24.65	24.62	24.62	25.70	
		3	0	23.63	23.73	23.72	24.70	
		3	2	23.90	23.65	23.72	24.70	
		3	3	23.77	23.68	23.75	24.70	
	16QAM	6	0	23.74	23.91	23.73	24.70	
		1	0	23.79	23.69	23.84	24.70	
		1	2	23.61	23.87	23.64	24.70	
		1	5	23.70	23.84	23.72	24.70	
		3	0	22.79	22.90	22.71	23.70	
		3	2	22.73	22.70	22.81	23.70	
	64QAM	3	3	22.75	22.75	22.96	23.70	
		6	0	22.74	22.59	22.75	23.70	
		1	0	22.74	22.66	22.84	23.70	
		1	2	22.53	22.48	22.59	23.70	
		1	5	22.60	22.53	22.67	23.70	
		3	0	22.67	22.68	22.86	23.70	
	3MHz	QPSK	3	2	22.53	22.49	22.61	23.70
			3	3	22.55	22.58	22.70	23.70
			6	0	22.04	22.07	22.05	22.70
1			0	24.64	24.62	24.59	25.70	
1			7	24.53	24.62	24.61	25.70	
1			14	24.56	24.65	24.60	25.70	
16QAM		8	0	23.61	23.71	23.72	24.70	
		8	4	23.88	23.67	23.74	24.70	
		8	7	23.82	23.69	23.75	24.70	
		15	0	23.74	23.91	23.74	24.70	
		1	0	23.72	23.65	23.85	24.70	
		1	7	23.54	23.82	23.56	24.70	
64QAM		1	14	23.74	23.79	23.70	24.70	
		8	0	22.75	22.90	22.76	23.70	
		8	4	22.76	22.72	22.84	23.70	
	8	7	22.75	22.76	22.89	23.70		
	15	0	22.72	22.65	22.76	23.70		
	1	0	22.71	22.66	22.80	23.70		
	64QAM	1	7	22.50	22.52	22.63	23.70	
		1	14	22.59	22.53	22.72	23.70	
		8	0	22.04	22.07	22.04	22.70	
		8	4	22.04	22.11	22.06	22.70	
		8	7	22.01	22.07	22.05	22.70	
		15	0	22.02	22.04	22.06	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20425	20525	20625		
5MHz	QPSK	1	0	24.59	24.66	24.65	25.70	
		1	13	24.54	24.60	24.65	25.70	
		1	24	24.61	24.63	24.55	25.70	
		12	0	23.61	23.80	23.65	24.70	
		12	6	23.83	23.60	23.72	24.70	
		12	13	23.75	23.69	23.76	24.70	
	16QAM	25	0	23.72	23.91	23.72	24.70	
		1	0	23.74	23.71	23.84	24.70	
		1	13	23.58	23.84	23.59	24.70	
		1	24	23.73	23.79	23.68	24.70	
		12	0	22.82	22.92	22.77	23.70	
		12	6	22.75	22.77	22.83	23.70	
	64QAM	12	13	22.76	22.72	22.88	23.70	
		25	0	22.74	22.59	22.70	23.70	
		1	0	22.66	22.66	22.88	23.70	
		1	13	22.51	22.48	22.65	23.70	
		1	24	22.65	22.53	22.68	23.70	
		12	0	22.08	22.04	22.07	22.70	
	10MHz	QPSK	12	6	22.02	22.05	22.02	22.70
			12	13	22.06	22.06	22.02	22.70
			25	0	22.06	22.05	22.01	22.70
Channel								
20450								
20525								
20600								
Tune up								
1		0	24.64	24.67	24.61	25.70		
1		25	24.56	24.62	24.61	25.70		
1	49	24.57	24.62	24.57	25.70			
25	0	23.66	23.76	23.71	24.70			
25	13	23.66	23.67	23.75	24.70			
25	25	23.75	23.74	23.67	24.70			
50	0	23.76	23.86	23.78	24.70			
16QAM	1	0	23.73	23.71	23.80	24.70		
	1	25	23.55	23.79	23.63	24.70		
	1	49	23.70	23.84	23.68	24.70		
	25	0	22.81	22.86	22.70	23.70		
	25	13	22.75	22.73	22.80	23.70		
	25	25	22.72	22.76	22.95	23.70		
	50	0	22.72	22.58	22.70	23.70		
64QAM	1	0	22.68	22.70	22.83	23.70		
	1	25	22.45	22.47	22.65	23.70		
	1	49	22.63	22.55	22.73	23.70		
	25	0	22.05	22.02	22.03	22.70		
	25	13	22.01	22.11	22.08	22.70		
	25	25	22.06	22.02	22.09	22.70		
	50	0	22.03	22.06	22.04	22.70		

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	25.00
				23.96	24.05	24.04	

		1	13	23.95	24.02	24.08	25.00		
		1	24	24.00	24.00	24.00	25.00		
		12	0	23.08	23.14	23.08	24.00		
		12	6	23.30	23.05	23.19	24.00		
		12	13	23.18	23.08	23.13	24.00		
		25	0	23.15	23.33	23.14	24.00		
	16QAM	1	0	23.11	23.09	23.21	24.00		
		1	13	23.02	23.25	23.02	24.00		
		1	24	23.16	23.22	23.13	24.00		
		12	0	22.17	22.32	22.14	23.00		
		12	6	22.15	22.15	22.26	23.00		
		12	13	22.15	22.13	22.30	23.00		
	64QAM	25	0	22.16	22.04	22.15	23.00		
		1	0	22.05	22.03	22.24	23.00		
		1	13	21.85	21.93	21.99	23.00		
		1	24	22.02	21.97	22.11	23.00		
		12	0	21.41	21.43	21.43	23.00		
		12	6	21.42	21.43	21.44	23.00		
		12	13	21.45	21.46	21.45	23.00		
		25	0	21.46	21.46	21.46	22.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20800	21100	21400	
		10MHz	QPSK	1	0	24.02	24.00	24.09	25.00
				1	25	23.92	24.03	24.03	25.00
1	49			24.01	24.04	23.96	25.00		
25	0			23.02	23.17	23.04	24.00		
25	13			23.29	23.07	23.13	24.00		
25	25			23.16	23.10	23.15	24.00		
16QAM	50		0	23.11	23.31	23.18	24.00		
	1		0	23.13	23.06	23.25	24.00		
	1		25	22.96	23.23	23.04	24.00		
	1		49	23.11	23.22	23.08	24.00		
	25		0	22.15	22.28	22.09	23.00		
	25		13	22.16	22.12	22.18	23.00		
64QAM	25		25	22.17	22.15	22.30	23.00		
	50		0	22.14	22.03	22.13	23.00		
	1		0	22.09	22.10	22.27	23.00		
	1		25	21.86	21.90	22.05	23.00		
	1		49	22.03	21.93	22.11	23.00		
	25		0	21.40	21.49	21.45	22.00		
		25	13	21.42	21.44	21.47	22.00		
		25	25	21.40	21.51	21.48	22.00		
		50	0	21.41	21.48	21.50	22.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20825	21100	21375	
		15MHz	QPSK	1	0	23.96	23.97	24.04	25.00
1	38			23.89	24.08	24.05	25.00		
1	74			24.03	24.04	24.01	25.00		
36	0			23.05	23.15	23.07	24.00		
36	18			23.28	23.01	23.16	24.00		
36	39			23.22	23.08	23.18	24.00		
16QAM	75		0	23.17	23.32	23.10	24.00		
	1		0	23.12	23.04	23.25	24.00		
	1		38	23.00	23.21	22.98	24.00		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	64QAM	1	74	23.11	23.19	23.14	24.00
		36	0	22.18	22.30	22.09	23.00
		36	18	22.17	22.14	22.24	23.00
		36	39	22.19	22.14	22.33	23.00
		75	0	22.17	22.01	22.09	23.00
		1	0	22.12	22.02	22.28	23.00
		1	38	21.89	21.91	22.05	23.00
	QPSK	1	74	22.01	21.97	22.06	23.00
		36	0	21.42	21.46	21.43	22.00
		36	18	21.44	21.44	21.46	22.00
		36	39	21.39	21.49	21.49	22.00
		75	0	21.42	21.44	21.48	22.00
		1	0	23.99	24.08	24.07	25.00
		1	50	23.87	24.04	24.01	25.00
	16QAM	1	99	24.04	24.01	23.98	25.00
		50	0	23.02	23.21	23.13	24.00
		50	25	23.21	23.08	23.17	24.00
		50	50	23.19	23.15	23.19	24.00
		100	0	23.17	23.33	23.16	24.00
		1	0	23.13	23.08	23.23	24.00
		1	50	22.95	23.19	22.99	24.00
64QAM	1	99	23.09	23.23	23.12	24.00	
	50	0	22.21	22.24	22.15	23.00	
	50	25	22.16	22.15	22.24	23.00	
	50	50	22.17	22.14	22.35	23.00	
	100	0	22.19	21.99	22.13	23.00	
	1	0	22.14	22.09	22.22	23.00	
	1	50	21.88	21.87	22.06	23.00	
64QAM	1	99	22.05	21.98	22.09	23.00	
	50	0	21.48	21.44	21.49	22.00	
	50	25	21.48	21.45	21.50	22.00	
	50	50	21.47	21.45	21.42	22.00	
	100	0	21.44	21.48	21.44	22.00	

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.13	22.31	22.17	23.00
		1	13	22.18	22.09	22.27	23.00
		1	24	22.13	22.18	22.39	23.00
		12	0	22.18	22.37	22.16	23.00
		12	6	22.09	22.13	22.20	23.00
		12	13	21.89	21.86	22.07	23.00
		25	0	22.06	22.02	22.02	23.00
	16QAM	1	0	22.21	22.04	22.14	23.00
		1	13	22.09	22.08	22.19	23.00
		1	24	21.89	21.85	22.02	23.00
		12	0	22.17	22.21	22.19	23.00
		12	6	22.10	22.17	22.20	23.00
		12	13	22.16	22.07	22.35	23.00

		25	0	22.12	21.91	22.11	23.00
	64QAM	1	0	22.10	22.09	22.23	23.00
		1	13	21.84	21.90	22.03	23.00
		1	24	22.08	22.01	22.06	23.00
		12	0	21.52	21.40	21.49	22.00
		12	6	21.53	21.49	21.49	22.00
		12	13	21.47	21.46	21.35	22.00
		25	0	21.47	21.47	21.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.19	22.33	22.11	23.00
		1	25	22.17	22.10	22.21	23.00
		1	49	22.19	22.11	22.34	23.00
		25	0	22.17	22.27	22.17	23.00
		25	13	22.09	22.08	22.15	23.00
		25	25	21.83	21.83	22.07	23.00
		50	0	22.03	21.93	22.04	23.00
	16QAM	1	0	22.15	21.97	22.09	23.00
		1	25	22.14	22.03	22.22	23.00
		1	49	21.91	21.86	22.00	23.00
		25	0	22.24	22.18	22.18	23.00
		25	13	22.11	22.07	22.18	23.00
		25	25	22.20	22.15	22.35	23.00
		50	0	22.24	21.91	22.18	23.00
	64QAM	1	0	22.12	22.14	22.23	23.00
		1	25	21.82	21.80	22.10	23.00
		1	49	22.05	22.03	22.13	23.00
		25	0	21.41	21.46	21.43	22.00
		25	13	21.48	21.42	21.49	22.00
		25	25	21.45	21.46	21.40	22.00
		50	0	21.45	21.53	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.21	22.34	22.14	23.00
		1	38	22.14	22.10	22.21	23.00
		1	74	22.16	22.08	22.40	23.00
		36	0	22.12	22.31	22.11	23.00
		36	18	22.10	22.11	22.25	23.00
		36	39	21.80	21.86	22.05	23.00
		75	0	22.04	22.01	22.11	23.00
	16QAM	1	0	22.23	21.94	22.16	23.00
		1	38	22.11	22.01	22.14	23.00
		1	74	21.87	21.87	22.05	23.00
		36	0	22.25	22.25	22.09	23.00
		36	18	22.09	22.10	22.27	23.00
		36	39	22.20	22.13	22.36	23.00
		75	0	22.19	21.99	22.17	23.00
	64QAM	1	0	22.07	22.10	22.26	23.00
		1	38	21.82	21.87	22.04	23.00
		1	74	22.07	21.98	22.09	23.00
		36	0	21.51	21.44	21.46	22.00
		36	18	21.49	21.43	21.46	22.00
		36	39	21.43	21.38	21.34	22.00
		75	0	21.45	21.47	21.42	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.19	22.49	22.16	23.00
		1	50	22.16	22.09	22.17	23.00
		1	99	22.18	22.17	22.33	23.00
		50	0	22.14	22.35	22.16	23.00
		50	25	22.15	22.08	22.18	23.00
		50	50	21.93	21.88	21.99	23.00
		100	0	22.03	21.92	22.03	23.00
	16QAM	1	0	22.18	21.98	22.12	23.00
		1	50	22.14	22.03	22.25	23.00
		1	99	21.85	21.89	22.03	23.00
		50	0	22.15	22.26	22.12	23.00
		50	25	22.13	22.19	22.26	23.00
		50	50	22.13	22.06	22.40	23.00
		100	0	22.18	21.99	22.11	23.00
	64QAM	1	0	22.07	22.10	22.26	23.00
		1	50	21.88	21.85	22.01	23.00
		1	99	22.01	21.97	22.04	23.00
		50	0	21.43	21.46	21.41	22.00
		50	25	21.49	21.38	21.52	22.00
		50	50	21.40	21.41	21.41	22.00
		100	0	21.41	21.52	21.45	22.00

LTE FDD Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	24.07	24.15	24.11	25.50	
		1	2	23.98	24.15	24.12	25.50	
		1	5	24.15	24.09	24.05	25.50	
		3	0	23.19	23.26	23.19	24.50	
		3	2	23.41	23.13	23.22	24.50	
		3	3	23.28	23.22	23.27	24.50	
	16QAM	6	0	23.26	23.44	23.27	24.50	
		1	0	23.24	23.18	23.33	24.50	
		1	2	23.05	23.34	23.14	24.50	
		1	5	23.19	23.30	23.24	24.50	
		3	0	22.28	22.42	22.23	23.50	
		3	2	22.31	22.27	22.30	23.50	
	64QAM	3	3	22.26	22.22	22.39	23.50	
		6	0	22.25	22.11	22.23	23.50	
		1	0	22.19	22.12	22.38	23.50	
		1	2	21.97	22.01	22.17	23.50	
		1	5	22.14	22.06	22.17	23.50	
		3	0	22.21	22.16	22.32	23.50	
	3MHz	QPSK	3	2	22.00	21.97	22.17	23.50
			3	3	22.13	22.04	22.17	23.50
			6	0	21.54	21.55	21.54	22.50
1			0	24.08	24.13	24.17	25.50	

		1	7	23.97	24.18	24.13	25.50
		1	14	24.09	24.08	24.06	25.50
		8	0	23.15	23.29	23.17	24.50
		8	4	23.39	23.16	23.24	24.50
		8	7	23.31	23.18	23.25	24.50
		15	0	23.22	23.39	23.20	24.50
	16QAM	1	0	23.23	23.20	23.36	24.50
		1	7	23.12	23.30	23.14	24.50
		1	14	23.24	23.32	23.22	24.50
		8	0	22.27	22.40	22.19	23.50
		8	4	22.27	22.25	22.35	23.50
		8	7	22.27	22.21	22.41	23.50
	64QAM	15	0	22.23	22.11	22.20	23.50
		1	0	22.17	22.15	22.33	23.50
		1	7	22.03	21.98	22.15	23.50
		1	14	22.11	22.07	22.20	23.50
		8	0	21.55	21.53	21.59	22.50
		8	4	21.55	21.61	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.14	24.14	24.14	25.50
		1	13	24.01	24.11	24.12	25.50
		1	24	24.07	24.15	24.13	25.50
		12	0	23.17	23.25	23.18	24.50
		12	6	23.37	23.19	23.25	24.50
		12	13	23.30	23.18	23.22	24.50
	16QAM	25	0	23.22	23.38	23.20	24.50
		1	0	23.21	23.17	23.28	24.50
		1	13	23.07	23.32	23.13	24.50
		1	24	23.23	23.35	23.17	24.50
		12	0	22.24	22.40	22.22	23.50
		12	6	22.26	22.26	22.33	23.50
	64QAM	12	13	22.29	22.27	22.40	23.50
		25	0	22.23	22.07	22.24	23.50
		1	0	22.22	22.14	22.31	23.50
		1	13	21.96	21.99	22.14	23.50
		1	24	22.07	22.04	22.23	23.50
		12	0	21.54	21.55	21.60	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	12	13	22.29	22.27	22.40	23.50
		25	0	21.50	21.53	21.58	22.50
		12	13	21.58	21.58	21.52	22.50
		25	0	21.50	21.55	21.60	22.50
		1	0	23.21	23.16	23.30	24.50
		1	25	23.05	23.31	23.09	24.50
		1	49	23.24	23.28	23.18	24.50
	16QAM	1	0	23.21	23.16	23.30	24.50
		1	25	23.05	23.31	23.09	24.50
		1	49	23.24	23.28	23.18	24.50

		25	0	22.31	22.36	22.24	23.50
		25	13	22.28	22.25	22.32	23.50
		25	25	22.30	22.22	22.45	23.50
		50	0	22.26	22.07	22.25	23.50
	64QAM	1	0	22.20	22.13	22.30	23.50
		1	25	22.02	21.97	22.10	23.50
		1	49	22.14	22.09	22.20	23.50
		25	0	21.57	21.60	21.56	22.50
		25	13	21.51	21.52	21.57	22.50
		25	25	21.53	21.59	21.56	22.50
		50	0	21.55	21.59	21.58	22.50

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	24.20	24.23	24.21	25.20
		1	2	24.13	24.21	24.27	25.20
		1	5	24.18	24.20	24.15	25.20
		3	0	23.16	23.27	23.17	24.20
		3	1	23.13	23.17	23.22	24.20
		3	3	23.08	23.17	23.23	24.20
		6	0	23.21	23.42	23.25	24.20
	16QAM	1	0	23.25	23.19	23.34	24.20
		1	2	23.09	23.36	23.11	24.20
		1	5	23.21	23.35	23.20	24.20
		3	0	22.29	22.41	22.24	23.20
		3	1	22.25	22.24	22.29	23.20
		3	3	22.22	22.25	22.38	23.20
		6	0	22.25	22.08	22.18	23.20
	64QAM	1	0	22.23	22.16	22.35	23.20
		1	2	22.25	22.38	22.17	23.20
		1	5	22.09	22.10	22.21	23.20
		3	0	22.29	22.08	22.27	23.20
		3	1	22.23	22.17	22.34	23.20
		3	3	22.34	22.00	22.16	23.20
		6	0	21.50	21.58	21.55	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.25	24.24	24.28	25.20
		1	7	24.14	24.30	24.28	25.20
		1	14	24.23	24.21	24.20	25.20
		8	0	23.18	23.27	23.19	24.20
		8	4	23.14	23.17	23.22	24.20
		8	7	23.11	23.21	23.24	24.20
		15	0	23.23	23.37	23.22	24.20
	16QAM	1	0	23.28	23.15	23.32	24.20
		1	7	23.07	23.32	23.09	24.20
		1	14	23.20	23.33	23.20	24.20
		8	0	22.24	22.34	22.21	23.20
		8	4	22.25	22.21	22.33	23.20
		8	7	22.23	22.20	22.47	23.20
		15	0	22.30	22.09	22.23	23.20
	64QAM	1	0	22.20	22.17	22.38	23.20

		1	7	22.01	22.47	22.12	23.20		
		1	14	22.09	22.08	22.20	23.20		
		8	0	21.53	21.60	21.55	22.20		
		8	4	21.54	21.60	21.51	22.20		
		8	7	21.50	21.61	21.55	22.20		
		15	0	21.50	21.58	21.55	22.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				131997	132322	132647			
5MHz	QPSK	1	0	24.16	24.19	24.27	25.20		
		1	13	24.27	24.30	24.20	25.20		
		1	24	24.25	24.20	24.14	25.20		
		12	0	23.17	23.23	23.17	24.20		
		12	6	23.20	23.13	23.23	24.20		
		12	13	23.11	23.18	23.27	24.20		
	16QAM	25	0	23.22	23.43	23.27	24.20		
		1	0	23.20	23.16	23.36	24.20		
		1	13	23.13	23.36	23.09	24.20		
		1	24	23.22	23.30	23.25	24.20		
		12	0	22.31	22.42	22.19	23.20		
		12	6	22.29	22.28	22.35	23.20		
	64QAM	12	13	22.26	22.25	22.47	23.20		
		25	0	22.22	22.09	22.22	23.20		
		1	0	22.18	22.19	22.32	23.20		
		1	13	22.02	22.03	22.18	23.20		
		1	24	22.12	22.03	22.17	23.20		
		12	0	21.50	21.52	21.57	22.20		
	10MHz	QPSK	12	6	21.55	21.59	21.56	22.20	
			12	13	21.54	21.54	21.54	22.20	
			25	0	21.52	21.60	21.58	22.20	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132022	132322	132622	
15MHz			QPSK	1	0	24.22	24.23	24.26	25.20
		1		25	24.13	24.27	24.26	25.20	
		1		49	24.17	24.17	24.19	25.20	
		25		0	23.12	23.23	23.22	24.20	
		25		13	23.19	23.13	23.29	24.20	
		25		25	23.10	23.23	23.27	24.20	
		16QAM	50	0	23.20	23.41	23.23	24.20	
			1	0	23.24	23.20	23.28	24.20	
			1	25	23.08	23.31	23.09	24.20	
			1	49	23.24	23.28	23.23	24.20	
			25	0	22.27	22.35	22.18	23.20	
			25	13	22.24	22.27	22.34	23.20	
		64QAM	25	25	22.23	22.20	22.44	23.20	
			50	0	22.26	22.12	22.24	23.20	
			1	0	22.20	22.20	22.33	23.20	
			1	25	22.02	22.03	22.13	23.20	
	1		49	22.08	22.09	22.18	23.20		
	25		0	21.50	21.61	21.58	22.20		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					132047	132322	132597		
	15MHz	QPSK	1	0	24.17	24.21	24.27	25.20	
1			38	24.13	24.29	24.21	25.20		

		1	74	24.16	24.18	24.17	25.20	
		36	0	23.17	23.26	23.15	24.20	
		36	18	23.13	23.17	23.23	24.20	
		36	39	23.10	23.19	23.29	24.20	
		75	0	23.21	23.45	23.23	24.20	
		1	0	23.28	23.13	23.30	24.20	
		1	38	23.07	23.29	23.10	24.20	
	16QAM	1	74	23.24	23.34	23.23	24.20	
		36	0	22.30	22.33	22.23	23.20	
		36	18	22.23	22.27	22.29	23.20	
		36	39	22.24	22.27	22.41	23.20	
		75	0	22.29	22.08	22.21	23.20	
		1	0	22.15	22.21	22.35	23.20	
	64QAM	1	38	22.33	22.23	22.10	23.20	
		1	74	22.13	22.10	22.22	23.20	
		36	0	21.54	21.57	21.53	22.20	
		36	18	21.53	21.60	21.55	22.20	
		36	39	21.54	21.61	21.53	22.20	
		75	0	21.50	21.58	21.55	22.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
20MHz	QPSK	1	0	24.20	24.31	24.28	25.20	
		1	50	24.14	24.26	24.25	25.20	
		1	99	24.24	24.20	24.15	25.20	
		50	0	23.14	23.28	23.15	24.20	
		50	25	23.21	23.11	23.27	24.20	
		50	50	23.08	23.23	23.21	24.20	
		100	0	23.18	23.38	23.21	24.20	
	16QAM	1	0	23.28	23.20	23.36	24.20	
		1	50	23.13	23.33	23.13	24.20	
		1	99	23.24	23.32	23.20	24.20	
		50	0	22.32	22.39	22.21	23.20	
		50	25	22.29	22.25	22.29	23.20	
		50	50	22.23	22.22	22.47	23.20	
	64QAM	100	0	22.30	22.06	22.21	23.20	
		1	0	22.17	22.20	22.33	23.20	
		1	50	22.22	22.47	22.18	23.20	
		1	99	22.10	22.03	22.20	23.20	
		50	0	21.54	21.55	21.52	22.20	
		50	25	21.55	21.54	21.52	22.20	
		50	50	21.52	21.53	21.56	22.20	
	100	0	21.53	21.61	21.51	22.20		

LTE Band 66 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.41	20.69	20.36	21.20
		1	2	20.33	20.42	20.50	21.20
		1	5	20.46	20.37	20.56	21.20
		3	0	20.35	20.62	20.36	21.20
		3	1	20.40	20.37	20.48	21.20
		3	3	20.43	20.43	20.27	21.20
		6	0	20.27	20.33	20.39	21.20

	16QAM	1	0	20.44	20.30	20.46	21.20		
		1	2	20.41	20.44	20.51	21.20		
		1	5	20.63	20.08	20.34	21.20		
		3	0	20.46	20.29	20.42	21.20		
		3	1	20.53	20.34	20.45	21.20		
		3	3	20.44	20.49	20.20	21.20		
	64QAM	6	0	20.38	20.27	20.32	21.20		
		1	0	20.30	20.40	20.54	21.20		
		1	2	20.50	20.64	20.39	21.20		
		1	5	20.33	20.18	20.44	21.20		
		3	0	20.41	20.30	20.37	21.20		
		3	1	20.39	20.35	20.46	21.20		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					131987	132322	132657		
3MHz			QPSK	1	0	20.36	20.65	20.40	21.20
				1	7	20.44	20.42	20.44	21.20
				1	14	20.39	20.45	20.58	21.20
				8	0	20.38	20.69	20.30	21.20
				8	4	20.40	20.37	20.56	21.20
				8	7	20.40	20.44	20.26	21.20
			16QAM	15	0	20.19	20.36	20.43	21.20
				1	0	20.37	20.33	20.53	21.20
				1	7	20.31	20.39	20.46	21.20
				1	14	20.56	20.18	20.37	21.20
				8	0	20.38	20.36	20.31	21.20
				8	4	20.53	20.39	20.47	21.20
	64QAM	8	7	20.38	20.46	20.23	21.20		
		15	0	20.43	20.19	20.37	21.20		
1		0	20.37	20.36	20.56	21.20			
1		7	20.49	20.55	20.36	21.20			
1		14	20.26	20.28	20.38	21.20			
8		0	20.38	20.34	20.34	21.20			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				131997	132322	132647			
		5MHz	QPSK	8	4	20.34	20.32	20.55	21.20
				8	7	20.50	20.10	20.45	21.20
				15	0	20.35	20.25	20.55	21.20
				1	0	20.39	20.24	20.49	21.20
				1	13	20.33	20.35	20.50	21.20
				1	24	20.63	20.18	20.36	21.20
			16QAM	12	0	20.38	20.28	20.31	21.20
				12	6	20.46	20.43	20.42	21.20
				12	13	20.48	20.54	20.24	21.20
				25	0	20.44	20.23	20.36	21.20
				1	0	20.33	20.34	20.54	21.20
				1	13	20.45	20.62	20.39	21.20
64QAM	1		24	20.28	20.20	20.48	21.20		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	12	0	20.38	20.31	20.37	21.20
		12	6	20.42	20.33	20.51	21.20
		12	13	20.52	20.12	20.40	21.20
		25	0	20.33	20.26	20.53	21.20
		1	0	20.37	20.67	20.32	21.20
		1	25	20.41	20.42	20.51	21.20
	16QAM	1	49	20.41	20.42	20.59	21.20
		25	0	20.35	20.63	20.36	21.20
		25	13	20.32	20.40	20.49	21.20
		25	25	20.41	20.48	20.32	21.20
		50	0	20.31	20.37	20.45	21.20
		1	0	20.44	20.29	20.47	21.20
	64QAM	1	25	20.32	20.34	20.48	21.20
		1	49	20.57	20.16	20.27	21.20
		25	0	20.38	20.30	20.40	21.20
		25	13	20.45	20.42	20.44	21.20
25		25	20.45	20.45	20.17	21.20	
50		0	20.47	20.22	20.36	21.20	
15MHz	QPSK	1	0	20.35	20.35	20.60	21.20
		1	25	20.53	20.59	20.39	21.20
		1	49	20.34	20.28	20.37	21.20
		25	0	20.45	20.32	20.44	21.20
		25	13	20.41	20.38	20.48	21.20
		25	25	20.53	20.11	20.42	21.20
		50	0	20.38	20.32	20.46	21.20
	16QAM	1	0	20.46	20.67	20.38	21.20
		1	38	20.43	20.38	20.51	21.20
		1	74	20.36	20.48	20.54	21.20
36		0	20.39	20.59	20.29	21.20	
36		18	20.35	20.34	20.52	21.20	
36		39	20.46	20.46	20.22	21.20	
75		0	20.20	20.28	20.40	21.20	
64QAM	1	0	20.41	20.30	20.43	21.20	
	1	38	20.30	20.44	20.49	21.20	
	1	74	20.59	20.11	20.40	21.20	
	36	0	20.47	20.33	20.38	21.20	
	36	18	20.42	20.32	20.51	21.20	
	36	39	20.43	20.48	20.20	21.20	
	75	0	20.42	20.19	20.34	21.20	
20MHz	QPSK	1	0	20.34	20.36	20.50	21.20
		1	38	20.49	20.54	20.34	21.20
		1	74	20.28	20.20	20.40	21.20
		36	0	20.44	20.33	20.43	21.20
		36	18	20.34	20.42	20.54	21.20
		36	39	20.48	20.06	20.45	21.20
		75	0	20.31	20.21	20.51	21.20

		50	25	20.37	20.41	20.56	21.20
		50	50	20.44	20.45	20.29	21.20
		100	0	20.28	20.32	20.46	21.20
	16QAM	1	0	20.44	20.33	20.43	21.20
		1	50	20.32	20.31	20.44	21.20
		1	99	20.57	20.11	20.28	21.20
		50	0	20.44	20.35	20.34	21.20
		50	25	20.42	20.37	20.46	21.20
		50	50	20.43	20.54	20.26	21.20
		100	0	20.43	20.30	20.36	21.20
	64QAM	1	0	20.32	20.32	20.56	21.20
		1	50	20.42	20.54	20.34	21.20
		1	99	20.32	20.25	20.45	21.20
		50	0	20.39	20.36	20.34	21.20
		50	25	20.42	20.40	20.50	21.20
		50	50	20.54	20.05	20.41	21.20
100		0	20.37	20.21	20.43	21.20	

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	23.38	23.29	23.35	24.20	
		1	2	23.23	23.42	23.39	24.20	
		1	5	23.40	23.33	23.38	24.20	
		3	0	22.34	22.33	22.35	23.20	
		3	1	22.31	22.24	22.32	23.20	
		3	3	22.28	22.35	22.40	23.20	
	16QAM	6	0	22.30	22.42	22.32	23.20	
		1	0	22.46	22.26	22.42	23.20	
		1	2	22.23	22.41	22.19	23.20	
		1	5	22.30	22.39	22.31	23.20	
		3	0	21.36	21.43	21.35	22.20	
		3	1	21.40	21.29	21.41	22.20	
	64QAM	3	3	21.30	21.31	21.53	22.20	
		6	0	21.48	21.15	21.39	22.20	
		1	0	21.31	21.26	21.46	22.20	
		1	2	21.08	21.56	21.28	22.20	
		1	5	21.26	21.24	21.32	22.20	
		3	0	21.36	21.33	21.55	22.20	
	3MHz	QPSK	3	1	21.09	21.52	21.25	22.20
			3	3	21.16	21.18	21.36	22.20
			6	0	20.66	20.73	20.62	21.20
1			0	23.31	23.34	23.35	24.20	
1			7	23.20	23.36	23.36	24.20	
1			14	23.32	23.33	23.25	24.20	
8	0		22.35	22.41	22.33	23.20		
16QAM	8	4	22.27	22.22	22.36	23.20		
	8	7	22.24	22.29	22.31	23.20		
	15	0	22.33	22.44	22.30	23.20		
	1	0	22.34	22.30	22.45	23.20		
		1	7	22.18	22.40	22.15	23.20	

		1	14	22.36	22.40	22.37	23.20
		8	0	21.31	21.46	21.27	22.20
		8	4	21.42	21.36	21.46	22.20
		8	7	21.36	21.26	21.55	22.20
		15	0	21.36	21.26	21.41	22.20
	64QAM	1	0	21.37	21.33	21.49	22.20
		1	7	21.09	21.63	21.26	22.20
		1	14	21.18	21.26	21.31	22.20
		8	0	20.60	20.65	20.72	21.20
		8	4	20.59	20.72	20.64	21.20
		8	7	20.68	20.76	20.63	21.20
		15	0	20.55	20.69	20.68	21.20
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				131997	132322	132647	
5MHz	QPSK	1	0	23.39	23.32	23.45	24.20
		1	13	23.25	23.41	23.33	24.20
		1	24	23.37	23.29	23.34	24.20
		12	0	22.29	22.40	22.30	23.20
		12	6	22.27	22.23	22.39	23.20
		12	13	22.24	22.30	22.38	23.20
		25	0	22.29	22.43	22.36	23.20
	16QAM	1	0	22.45	22.21	22.47	23.20
		1	13	22.14	22.42	22.15	23.20
		1	24	22.28	22.49	22.38	23.20
		12	0	21.30	21.50	21.29	22.20
		12	6	21.31	21.35	21.42	22.20
		12	13	21.31	21.27	21.53	22.20
		25	0	21.47	21.18	21.35	22.20
	64QAM	1	0	21.36	21.26	21.43	22.20
		1	13	21.07	21.56	21.19	22.20
		1	24	21.18	21.24	21.33	22.20
		12	0	20.67	20.70	20.64	21.20
		12	6	20.66	20.68	20.63	21.20
		12	13	20.64	20.69	20.63	21.20
		25	0	20.61	20.74	20.67	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.37	23.33	23.35	24.20
		1	25	23.22	23.43	23.37	24.20
		1	49	23.39	23.33	23.35	24.20
		25	0	22.34	22.35	22.33	23.20
		25	13	22.29	22.35	22.35	23.20
		25	25	22.18	22.35	22.35	23.20
		50	0	22.38	22.43	22.36	23.20
	16QAM	1	0	22.36	22.27	22.47	23.20
		1	25	22.16	22.40	22.26	23.20
		1	49	22.28	22.47	22.30	23.20
		25	0	21.32	21.42	21.30	22.20
		25	13	21.35	21.30	21.43	22.20
		25	25	21.36	21.32	21.64	22.20
		50	0	21.37	21.23	21.36	22.20
	64QAM	1	0	21.33	21.30	21.50	22.20
		1	25	21.10	21.54	21.21	22.20
		1	49	21.16	21.17	21.29	22.20
		25	0	20.67	20.76	20.62	21.20
25		13	20.66	20.67	20.64	21.20	

Bandwidth	Modulation	25	25	20.64	20.69	20.71	21.20
		50	0	20.67	20.67	20.63	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.39	23.33	23.34	24.20
		1	38	23.27	23.45	23.45	24.20
		1	74	23.30	23.34	23.29	24.20
		36	0	22.31	22.39	22.35	23.20
		36	18	22.20	22.31	22.28	23.20
		36	39	22.26	22.33	22.30	23.20
		75	0	22.32	22.45	22.29	23.20
	16QAM	1	0	22.36	22.32	22.50	23.20
		1	38	22.15	22.38	22.18	23.20
		1	74	22.28	22.40	22.37	23.20
		36	0	21.35	21.45	21.30	22.20
		36	18	21.36	21.29	21.46	22.20
		36	39	21.33	21.29	21.61	22.20
		75	0	21.36	21.22	21.35	22.20
	64QAM	1	0	21.29	21.27	21.53	22.20
		1	38	21.10	21.59	21.21	22.20
		1	74	21.25	21.24	21.31	22.20
		36	0	20.59	20.74	20.70	21.20
		36	18	20.61	20.68	20.67	21.20
		36	39	20.58	20.76	20.71	21.20
		75	0	20.67	20.68	20.72	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.39	23.49	23.37	24.20
		1	50	23.27	23.38	23.34	24.20
		1	99	23.29	23.33	23.31	24.20
		50	0	22.28	22.38	22.37	23.20
		50	25	22.25	22.23	22.34	23.20
		50	50	22.24	22.34	22.37	23.20
		100	0	22.38	22.51	22.34	23.20
	16QAM	1	0	22.37	22.25	22.49	23.20
		1	50	22.16	22.46	22.23	23.20
		1	99	22.27	22.47	22.37	23.20
		50	0	21.36	21.44	21.29	22.20
		50	25	21.33	21.33	21.39	22.20
		50	50	21.30	21.31	21.55	22.20
		100	0	21.40	21.22	21.33	22.20
	64QAM	1	0	21.31	21.33	21.48	22.20
		1	50	21.11	21.54	21.24	22.20
		1	99	21.19	21.19	21.27	22.20
		50	0	20.65	20.72	20.61	21.20
		50	25	20.67	20.66	20.66	21.20
		50	50	20.61	20.68	20.69	21.20
		100	0	20.58	20.67	20.62	21.20

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				5MHz	QPSK	1	
				22.39	22.46	22.46	23.30

		1	13	22.32	22.44	22.45	23.30		
		1	24	22.42	22.43	22.35	23.30		
		12	0	21.44	21.58	21.52	22.30		
		12	6	21.50	21.40	21.52	22.30		
		12	13	21.37	21.54	21.53	22.30		
		25	0	21.57	21.74	21.52	22.30		
	16QAM	1	0	21.53	21.46	21.60	22.30		
		1	13	21.43	21.62	21.41	22.30		
		1	24	21.52	21.65	21.55	22.30		
		12	0	20.55	20.68	20.57	21.30		
		12	6	20.57	20.49	20.64	21.30		
		12	13	20.55	20.51	20.72	21.30		
	64QAM	25	0	20.60	20.38	20.51	21.30		
		1	0	20.53	20.50	20.64	21.30		
		1	13	20.24	20.31	20.40	21.30		
		1	24	20.44	20.36	20.46	21.30		
		12	0	19.87	19.86	19.89	20.30		
		12	6	19.84	19.85	19.86	20.30		
		12	13	19.87	19.88	19.85	20.30		
		25	0	19.80	19.82	19.86	20.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						37800	38000	38200	
		10MHz	QPSK	1	0	22.37	22.37	22.47	23.30
				1	25	22.30	22.49	22.41	23.30
1	49			22.45	22.41	22.37	23.30		
25	0			21.46	21.59	21.51	22.30		
25	13			21.48	21.41	21.51	22.30		
25	25			21.38	21.54	21.52	22.30		
16QAM	50		0	21.55	21.67	21.54	22.30		
	1		0	21.58	21.50	21.64	22.30		
	1		25	21.41	21.61	21.38	22.30		
	1		49	21.53	21.65	21.54	22.30		
	25		0	20.55	20.66	20.50	21.30		
	25		13	20.58	20.55	20.61	21.30		
64QAM	25		25	20.54	20.56	20.69	21.30		
	50		0	20.59	20.42	20.54	21.30		
	1		0	20.52	20.48	20.66	21.30		
	1		25	20.28	20.27	20.41	21.30		
	1		49	20.40	20.39	20.46	21.30		
	25		0	19.80	19.84	19.88	20.30		
		25	13	19.83	19.91	19.81	20.30		
		25	25	19.86	19.85	19.85	20.30		
		50	0	19.86	19.82	19.86	20.30		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						37825	38000	38175	
		15MHz	QPSK	1	0	22.39	22.38	22.47	23.30
1	38			22.32	22.46	22.44	23.30		
1	74			22.40	22.46	22.41	23.30		
36	0			21.41	21.54	21.49	22.30		
36	18			21.44	21.48	21.54	22.30		
36	39			21.38	21.55	21.54	22.30		
16QAM	75		0	21.56	21.67	21.56	22.30		
	1		0	21.53	21.49	21.65	22.30		
	1		38	21.42	21.65	21.37	22.30		
	1		74	21.49	21.65	21.51	22.30		
		36	0	20.62	20.65	20.51	21.30		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	36	18	20.59	20.50	20.65	21.30	
		36	39	20.60	20.56	20.75	21.30	
		75	0	20.53	20.42	20.49	21.30	
		1	0	20.46	20.44	20.67	21.30	
		1	38	20.30	20.27	20.45	21.30	
		1	74	20.46	20.36	20.53	21.30	
		36	0	19.80	19.89	19.82	20.30	
		36	18	19.79	19.83	19.90	20.30	
		36	39	19.88	19.84	19.86	20.30	
	75	0	19.86	19.88	19.84	20.30		
	20MHz	QPSK	1	0	22.45	22.51	22.41	23.30
			1	50	22.30	22.48	22.47	23.30
			1	99	22.43	22.37	22.42	23.30
			50	0	21.46	21.61	21.51	22.30
			50	25	21.47	21.41	21.52	22.30
			50	50	21.41	21.55	21.50	22.30
			100	0	21.54	21.70	21.54	22.30
		16QAM	1	0	21.57	21.51	21.59	22.30
			1	50	21.40	21.64	21.42	22.30
			1	99	21.49	21.59	21.47	22.30
			50	0	20.53	20.66	20.52	21.30
			50	25	20.59	20.49	20.64	21.30
			50	50	20.59	20.58	20.70	21.30
			100	0	20.58	20.40	20.51	21.30
		64QAM	1	0	20.45	20.44	20.67	21.30
			1	50	20.29	20.29	20.46	21.30
			1	99	20.38	20.36	20.47	21.30
			50	0	19.81	19.85	19.84	20.30
50			25	19.85	19.86	19.82	20.30	
50			50	19.83	19.87	19.82	20.30	
100			0	19.82	19.84	19.83	20.30	

LTE Band 41				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	22.41	22.39	22.45	22.39	22.47	23.30	
		1	13	22.33	22.42	22.29	22.42	22.43	23.30	
		1	24	22.40	22.46	22.40	22.39	22.41	23.30	
		12	0	21.22	21.32	21.20	21.35	21.30	22.30	
		12	6	21.27	21.20	21.29	21.28	21.32	22.30	
		12	13	21.17	21.33	21.22	21.28	21.31	22.30	
		25	0	21.30	21.47	21.37	21.53	21.37	22.30	
	16QAM	1	0	21.34	21.31	21.39	21.24	21.46	22.30	
		1	13	21.18	21.41	21.22	21.40	21.24	22.30	
		1	24	21.35	21.42	21.33	21.39	21.27	22.30	
		12	0	20.42	20.44	20.34	20.45	20.32	21.30	
		12	6	20.35	20.34	20.32	20.34	20.40	21.30	
		12	13	20.33	20.29	20.32	20.31	20.54	21.30	
	64QAM	25	0	20.37	20.19	20.38	20.24	20.34	21.30	
		1	0	20.26	20.26	20.33	20.28	20.43	21.30	
			1	13	20.07	20.06	20.11	20.12	20.24	21.30

		1	24	20.21	20.13	20.21	20.18	20.33	21.30
		12	0	19.67	19.69	19.61	19.67	19.68	20.30
		12	6	19.62	19.63	19.61	19.65	19.67	20.30
		12	13	19.60	19.66	19.61	19.70	19.69	20.30
		25	0	19.62	19.69	19.64	19.64	19.67	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.45	22.41	22.44	22.46	22.44	23.30
		1	25	22.30	22.47	22.36	22.43	22.40	23.30
		1	49	22.44	22.37	22.43	22.42	22.40	23.30
		25	0	21.28	21.40	21.23	21.36	21.32	22.30
		25	13	21.26	21.24	21.31	21.28	21.38	22.30
		25	25	21.18	21.28	21.23	21.35	21.32	22.30
	16QAM	50	0	21.34	21.50	21.34	21.49	21.31	22.30
		1	0	21.33	21.25	21.33	21.31	21.40	22.30
		1	25	21.17	21.45	21.14	21.39	21.20	22.30
		1	49	21.33	21.45	21.29	21.41	21.30	22.30
		25	0	20.36	20.50	20.33	20.45	20.30	21.30
		25	13	20.32	20.37	20.34	20.30	20.41	21.30
	64QAM	25	25	20.34	20.30	20.38	20.30	20.49	21.30
		50	0	20.39	20.16	20.33	20.17	20.30	21.30
		1	0	20.26	20.25	20.26	20.30	20.45	21.30
		1	25	20.07	20.05	20.11	20.09	20.27	21.30
		1	49	20.23	20.20	20.17	20.16	20.33	21.30
		25	0	19.66	19.63	19.63	19.68	19.62	20.30
		25	13	19.60	19.63	19.63	19.64	19.63	20.30
		25	25	19.65	19.69	19.63	19.68	19.65	20.30
		50	0	19.65	19.64	19.65	19.70	19.65	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.41	22.40	22.37	22.41	22.45	23.30
		1	38	22.34	22.43	22.28	22.43	22.45	23.30
		1	74	22.39	22.42	22.42	22.46	22.35	23.30
		36	0	21.25	21.39	21.27	21.36	21.24	22.30
		36	18	21.22	21.27	21.27	21.23	21.37	22.30
		36	39	21.21	21.30	21.22	21.28	21.31	22.30
		75	0	21.33	21.55	21.35	21.54	21.37	22.30
	16QAM	1	0	21.31	21.25	21.38	21.25	21.40	22.30
		1	38	21.16	21.44	21.19	21.40	21.24	22.30
		1	74	21.30	21.44	21.27	21.46	21.35	22.30
		36	0	20.34	20.46	20.42	20.43	20.34	21.30
		36	18	20.37	20.32	20.33	20.37	20.43	21.30
		36	39	20.35	20.35	20.31	20.36	20.54	21.30
		75	0	20.36	20.19	20.36	20.17	20.33	21.30
	64QAM	1	0	20.30	20.27	20.32	20.29	20.49	21.30
		1	38	20.10	20.12	20.04	20.05	20.25	21.30
		1	74	20.19	20.18	20.22	20.16	20.30	21.30
		36	0	19.61	19.65	19.61	19.63	19.64	20.30
		36	18	19.68	19.69	19.62	19.64	19.64	20.30
		36	39	19.64	19.63	19.67	19.63	19.69	20.30
75		0	19.64	19.63	19.65	19.69	19.69	20.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.44	22.48	22.55	22.46	22.47	23.30
		1	50	22.32	22.41	22.35	22.44	22.43	23.30
		1	99	22.43	22.45	22.41	22.45	22.43	23.30

		50	0	21.21	21.32	21.44	21.31	21.26	22.30
		50	25	21.31	21.24	21.28	21.28	21.35	22.30
		50	50	21.14	21.32	21.20	21.30	21.32	22.30
		100	0	21.33	21.46	21.50	21.49	21.35	22.30
	16QAM	1	0	21.39	21.31	21.35	21.27	21.43	22.30
		1	50	21.17	21.41	21.15	21.46	21.19	22.30
		1	99	21.29	21.38	21.34	21.46	21.28	22.30
		50	0	20.34	20.49	20.38	20.43	20.34	21.30
		50	25	20.39	20.36	20.38	20.32	20.42	21.30
		50	50	20.34	20.35	20.31	20.36	20.51	21.30
		100	0	20.31	20.16	20.37	20.23	20.35	21.30
		64QAM	1	0	20.33	20.26	20.30	20.27	20.42
	1		50	20.13	20.14	20.11	20.06	20.28	21.30
	1		99	20.26	20.17	20.20	20.21	20.25	21.30
	50		0	19.66	19.71	19.65	19.65	19.64	20.30
	50		25	19.61	19.65	19.61	19.70	19.65	20.30
	50		50	19.65	19.64	19.63	19.68	19.61	20.30
	100		0	19.65	19.68	19.60	19.70	19.64	20.30

6 Conducted Power of ENDC_LTE Antenna(Ant1)

6.1 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.39	23.43	23.47	24.50	
		1	2	23.35	23.49	23.40	24.50	
		1	5	23.38	23.38	23.34	24.50	
		3	0	22.40	22.59	22.50	23.50	
		3	2	22.48	22.45	22.56	23.50	
		3	3	22.36	22.54	22.58	23.50	
	16QAM	6	0	22.51	22.72	22.56	23.50	
		1	0	22.56	22.44	22.63	23.50	
		1	2	22.42	22.64	22.38	23.50	
		1	5	22.49	22.61	22.48	23.50	
		3	0	21.56	21.70	21.54	22.50	
		3	2	21.54	21.55	21.58	22.50	
	64QAM	3	3	21.60	21.54	21.76	22.50	
		6	0	21.53	21.40	21.51	22.50	
		1	0	21.52	21.46	21.67	22.50	
		1	2	21.32	21.28	21.45	22.50	
		1	5	21.38	21.32	21.50	22.50	
		3	0	20.80	20.88	20.89	22.50	
	3MHz	QPSK	3	2	20.82	20.84	20.89	22.50
			3	3	20.82	20.86	20.88	22.50
			6	0	20.80	20.85	20.85	21.50
1			0	23.41	23.42	23.42	24.50	
1			7	23.28	23.48	23.45	24.50	
1			14	23.40	23.38	23.35	24.50	
16QAM		8	0	22.43	22.58	22.47	23.50	
		8	4	22.45	22.48	22.59	23.50	
		8	7	22.40	22.48	22.58	23.50	
		15	0	22.52	22.72	22.51	23.50	
		1	0	22.53	22.47	22.58	23.50	
		1	7	22.39	22.60	22.40	23.50	
64QAM		1	14	22.56	22.58	22.50	23.50	
		8	0	21.54	21.65	21.48	22.50	
		8	4	21.56	21.53	21.64	22.50	
		8	7	21.57	21.50	21.76	22.50	
		15	0	21.58	21.44	21.52	22.50	
		1	0	21.51	21.42	21.63	22.50	
64QAM		1	7	21.25	21.27	21.40	22.50	
		1	14	21.37	21.35	21.47	22.50	
		8	0	20.86	20.86	20.84	21.50	
	8	4	20.80	20.91	20.83	21.50		
	8	7	20.86	20.89	20.86	21.50		
	15	0	20.82	20.84	20.83	21.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				18625	18900	19175	
5MHz	QPSK	1	0	23.43	23.39	23.44	24.50
		1	13	23.35	23.49	23.45	24.50
		1	24	23.39	23.44	23.36	24.50
		12	0	22.47	22.59	22.44	23.50
		12	6	22.47	22.43	22.58	23.50
		12	13	22.41	22.47	22.56	23.50
	16QAM	25	0	22.52	22.73	22.58	23.50
		1	0	22.57	22.52	22.66	23.50
		1	13	22.37	22.62	22.39	23.50
		1	24	22.53	22.60	22.51	23.50
		12	0	21.60	21.70	21.55	22.50
		12	6	21.56	21.51	21.60	22.50
	64QAM	12	13	21.59	21.57	21.69	22.50
		25	0	21.59	21.45	21.48	22.50
		1	0	21.52	21.46	21.62	22.50
		1	13	21.32	21.29	21.43	22.50
		1	24	21.40	21.37	21.50	22.50
		12	0	20.81	20.87	20.84	21.50
		12	6	20.87	20.90	20.87	21.50
		12	13	20.81	20.82	20.81	21.50
		25	0	20.80	20.85	20.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.44	23.46	23.43	24.50
		1	25	23.36	23.41	23.42	24.50
		1	49	23.41	23.44	23.35	24.50
		25	0	22.45	22.52	22.50	23.50
		25	13	22.50	22.46	22.60	23.50
		25	25	22.38	22.54	22.54	23.50
	16QAM	50	0	22.54	22.68	22.57	23.50
		1	0	22.55	22.46	22.64	23.50
		1	25	22.43	22.60	22.43	23.50
		1	49	22.51	22.65	22.50	23.50
		25	0	21.54	21.67	21.55	22.50
		25	13	21.58	21.53	21.58	22.50
	64QAM	25	25	21.51	21.57	21.77	22.50
		50	0	21.52	21.37	21.52	22.50
		1	0	21.46	21.48	21.62	22.50
		1	25	21.24	21.30	21.40	22.50
		1	49	21.39	21.32	21.51	22.50
		25	0	20.80	20.85	20.85	21.50
		25	13	20.83	20.87	20.85	21.50
		25	25	20.80	20.85	20.82	21.50
		50	0	20.79	20.88	20.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.43	23.43	23.47	24.50
		1	38	23.31	23.49	23.46	24.50
		1	74	23.37	23.46	23.38	24.50
		36	0	22.44	22.57	22.53	23.50
		36	18	22.46	22.49	22.54	23.50
		36	39	22.43	22.49	22.56	23.50
		75	0	22.55	22.72	22.54	23.50
	16QAM	1	0	22.56	22.49	22.62	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	1	38	22.34	22.67	22.42	23.50	
		1	74	22.50	22.62	22.52	23.50	
		36	0	21.57	21.66	21.53	22.50	
		36	18	21.55	21.53	21.61	22.50	
		36	39	21.55	21.52	21.70	22.50	
		75	0	21.55	21.44	21.49	22.50	
		75	0	21.52	21.47	21.68	22.50	
	64QAM	1	38	21.24	21.31	21.41	22.50	
		1	74	21.43	21.34	21.49	22.50	
		36	0	20.82	20.88	20.90	21.50	
		36	18	20.84	20.82	20.90	21.50	
		36	39	20.80	20.84	20.88	21.50	
		75	0	20.80	20.91	20.87	21.50	
		75	0	20.80	20.91	20.87	21.50	
	20MHz	QPSK	1	0	23.38	23.54	23.40	24.50
			1	50	23.32	23.42	23.46	24.50
			1	99	23.43	23.39	23.39	24.50
			50	0	22.43	22.57	22.46	23.50
			50	25	22.49	22.42	22.57	23.50
			50	50	22.35	22.53	22.51	23.50
			100	0	22.53	22.74	22.53	23.50
16QAM		1	0	22.59	22.51	22.65	23.50	
		1	50	22.38	22.62	22.39	23.50	
		1	99	22.55	22.61	22.53	23.50	
		50	0	21.54	21.69	21.54	22.50	
		50	25	21.57	21.56	21.64	22.50	
		50	50	21.56	21.56	21.74	22.50	
		100	0	21.58	21.41	21.55	22.50	
64QAM		1	0	21.48	21.47	21.67	22.50	
		1	50	21.28	21.29	21.46	22.50	
		1	99	21.45	21.34	21.52	22.50	
		50	0	20.88	20.84	20.82	21.50	
		50	25	20.79	20.85	20.83	21.50	
		50	50	20.85	20.89	20.84	21.50	
		100	0	20.79	20.91	20.88	21.50	

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	13.54	13.76	13.59	14.50
		1	2	13.53	13.60	13.50	14.50
		1	5	13.58	13.49	13.45	14.50
		3	0	13.49	13.57	13.59	14.50
		3	2	13.43	13.58	13.53	14.50
		3	3	13.50	13.55	13.49	14.50
		6	0	13.53	13.56	13.66	14.50
	16QAM	1	0	13.44	13.67	13.47	14.50
		1	2	13.58	13.53	13.45	14.50
		1	5	13.47	13.61	13.65	14.50
		3	0	13.54	13.60	13.60	14.50
		3	2	13.49	13.53	13.47	14.50
		3	2	13.49	13.53	13.47	14.50

		3	3	13.48	13.57	13.59	14.50	
		6	0	13.50	13.69	13.49	14.50	
	64QAM	1	0	13.48	13.48	13.48	14.50	
		1	2	13.48	13.55	13.60	14.50	
		1	5	13.46	13.60	13.57	14.50	
		3	0	13.56	13.57	13.46	14.50	
		3	2	13.54	13.51	13.58	14.50	
		3	3	13.47	13.65	13.56	14.50	
		6	0	13.53	13.57	13.46	14.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	18615				18900	19185		
3MHz	QPSK	1	0	13.57	13.71	13.66	14.50	
		1	7	13.47	13.67	13.53	14.50	
		1	14	13.51	13.57	13.51	14.50	
		8	0	13.57	13.58	13.67	14.50	
		8	4	13.54	13.62	13.51	14.50	
		8	7	13.48	13.52	13.43	14.50	
			15	0	13.46	13.56	13.65	14.50
	16QAM	1	0	13.50	13.62	13.58	14.50	
		1	7	13.54	13.45	13.43	14.50	
		1	14	13.53	13.54	13.59	14.50	
		8	0	13.54	13.69	13.55	14.50	
		8	4	13.50	13.56	13.45	14.50	
		8	7	13.52	13.59	13.59	14.50	
			15	0	13.42	13.63	13.47	14.50
	64QAM	1	0	13.48	13.55	13.44	14.50	
		1	7	13.50	13.63	13.58	14.50	
		1	14	13.44	13.57	13.53	14.50	
		8	0	13.51	13.52	13.50	14.50	
8		4	13.54	13.53	13.58	14.50		
8		7	13.52	13.59	13.47	14.50		
		15	0	13.56	13.57	13.43	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	13.52	13.71	13.58	14.50	
		1	13	13.43	13.66	13.52	14.50	
		1	24	13.54	13.47	13.51	14.50	
		12	0	13.50	13.59	13.56	14.50	
		12	6	13.55	13.57	13.48	14.50	
		12	13	13.53	13.56	13.45	14.50	
			25	0	13.54	13.53	13.64	14.50
	16QAM	1	0	13.46	13.66	13.51	14.50	
		1	13	13.46	13.47	13.51	14.50	
		1	24	13.48	13.55	13.58	14.50	
		12	0	13.53	13.56	13.49	14.50	
		12	6	13.49	13.47	13.43	14.50	
		12	13	13.54	13.50	13.56	14.50	
			25	0	13.47	13.62	13.50	14.50
	64QAM	1	0	13.51	13.49	13.49	14.50	
		1	13	13.54	13.63	13.61	14.50	
		1	24	13.49	13.59	13.50	14.50	
		12	0	13.54	13.51	13.46	14.50	
12		6	13.52	13.61	13.67	14.50		
12		13	13.45	13.58	13.50	14.50		

Bandwidth	Modulation	25	0	13.52	13.50	13.50	14.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18650	18900	19150	14.50
		1	25	13.55	13.75	13.60	14.50
		1	49	13.52	13.67	13.55	14.50
		25	0	13.51	13.52	13.45	14.50
		25	13	13.51	13.61	13.62	14.50
		25	25	13.49	13.60	13.49	14.50
		50	25	13.54	13.52	13.51	14.50
	16QAM	50	0	13.54	13.51	13.59	14.50
		1	0	13.53	13.59	13.54	14.50
		1	25	13.56	13.54	13.43	14.50
		1	49	13.53	13.51	13.57	14.50
		25	0	13.44	13.59	13.49	14.50
		25	13	13.53	13.49	13.54	14.50
		25	25	13.55	13.59	13.65	14.50
	64QAM	50	0	13.45	13.58	13.53	14.50
		1	0	13.49	13.55	13.45	14.50
		1	25	13.55	13.60	13.61	14.50
		1	49	13.52	13.64	13.60	14.50
		25	0	13.49	13.52	13.51	14.50
		25	13	13.57	13.55	13.58	14.50
		25	25	13.52	13.59	13.51	14.50
50	0	13.51	13.51	13.43	14.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	18675	18900	19125	14.50		
		1	0	13.52	13.74	13.59	14.50
		1	38	13.53	13.68	13.55	14.50
		1	74	13.52	13.50	13.53	14.50
		36	0	13.50	13.50	13.58	14.50
		36	18	13.49	13.68	13.48	14.50
		36	39	13.49	13.54	13.49	14.50
	16QAM	75	0	13.57	13.61	13.55	14.50
		1	0	13.52	13.60	13.52	14.50
		1	38	13.50	13.57	13.43	14.50
		1	74	13.51	13.54	13.63	14.50
		36	0	13.53	13.68	13.51	14.50
		36	18	13.45	13.56	13.43	14.50
		36	39	13.56	13.62	13.61	14.50
	64QAM	75	0	13.43	13.68	13.57	14.50
		1	0	13.56	13.58	13.45	14.50
		1	38	13.47	13.56	13.66	14.50
		1	74	13.47	13.62	13.49	14.50
		36	0	13.46	13.50	13.44	14.50
		36	18	13.52	13.60	13.64	14.50
		36	39	13.53	13.62	13.56	14.50
75	0	13.53	13.52	13.51	14.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	18700	18900	19100	14.50		
		1	0	13.48	13.78	13.57	14.50
		1	50	13.52	13.58	13.50	14.50
		1	99	13.46	13.48	13.45	14.50
		50	0	13.48	13.62	13.54	14.50
		50	25	13.52	13.57	13.58	14.50
		50	50	13.47	13.52	13.46	14.50
100	0	13.52	13.57	13.59	14.50		

	16QAM	1	0	13.53	13.56	13.52	14.50
		1	50	13.50	13.46	13.48	14.50
		1	99	13.55	13.62	13.60	14.50
		50	0	13.53	13.66	13.58	14.50
		50	25	13.49	13.51	13.54	14.50
		50	50	13.55	13.53	13.60	14.50
	64QAM	100	0	13.47	13.66	13.54	14.50
		1	0	13.45	13.50	13.44	14.50
		1	50	13.49	13.63	13.64	14.50
		1	99	13.49	13.68	13.55	14.50
		50	0	13.50	13.51	13.42	14.50
		50	25	13.58	13.59	13.63	14.50
		50	50	13.54	13.57	13.50	14.50
		100	0	13.46	13.46	13.46	14.50

LTE Band 2 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.53	17.71	17.64	18.50
		1	2	17.54	17.66	17.51	18.50
		1	5	17.45	17.54	17.46	18.50
		3	0	17.54	17.55	17.65	18.50
		3	2	17.51	17.57	17.54	18.50
		3	3	17.53	17.48	17.53	18.50
	16QAM	6	0	17.47	17.63	17.66	18.50
		1	0	17.46	17.57	17.48	18.50
		1	2	17.47	17.57	17.52	18.50
		1	5	17.51	17.60	17.60	18.50
		3	0	17.54	17.61	17.56	18.50
		3	2	17.48	17.54	17.52	18.50
	64QAM	3	3	17.59	17.62	17.66	18.50
		6	0	17.45	17.60	17.52	18.50
		1	0	17.50	17.50	17.45	18.50
		1	2	17.58	17.57	17.60	18.50
		1	5	17.49	17.61	17.48	18.50
		3	0	17.45	17.57	17.42	18.50
		3	2	17.47	17.62	17.61	18.50
		3	3	17.44	17.66	17.52	18.50
		6	0	17.51	17.52	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	17.57	17.77	17.55	18.50
		1	7	17.53	17.59	17.52	18.50
		1	14	17.49	17.45	17.43	18.50
		8	0	17.55	17.56	17.56	18.50
		8	4	17.55	17.61	17.52	18.50
		8	7	17.45	17.50	17.52	18.50
	16QAM	15	0	17.51	17.51	17.61	18.50
		1	0	17.52	17.56	17.47	18.50
		1	7	17.53	17.53	17.45	18.50
		1	14	17.57	17.53	17.58	18.50

		8	0	17.43	17.60	17.58	18.50
		8	4	17.48	17.51	17.49	18.50
		8	7	17.47	17.58	17.61	18.50
		15	0	17.50	17.67	17.56	18.50
	64QAM	1	0	17.51	17.54	17.45	18.50
		1	7	17.55	17.61	17.61	18.50
		1	14	17.42	17.63	17.60	18.50
		8	0	17.58	17.51	17.43	18.50
		8	4	17.48	17.53	17.60	18.50
		8	7	17.47	17.60	17.49	18.50
		15	0	17.50	17.57	17.53	18.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				18625	18900	19175	
5MHz	QPSK	1	0	17.47	17.81	17.67	18.50
		1	13	17.54	17.59	17.48	18.50
		1	24	17.50	17.53	17.43	18.50
		12	0	17.46	17.53	17.57	18.50
		12	6	17.45	17.58	17.53	18.50
		12	13	17.52	17.47	17.45	18.50
	16QAM	25	0	17.52	17.54	17.64	18.50
		1	0	17.51	17.63	17.54	18.50
		1	13	17.58	17.46	17.48	18.50
		1	24	17.52	17.63	17.62	18.50
		12	0	17.52	17.68	17.52	18.50
		12	6	17.54	17.46	17.49	18.50
	64QAM	12	13	17.58	17.57	17.67	18.50
		25	0	17.48	17.68	17.49	18.50
		1	0	17.52	17.46	17.53	18.50
		1	13	17.58	17.58	17.60	18.50
		1	24	17.52	17.58	17.51	18.50
		12	0	17.45	17.55	17.46	18.50
		12	6	17.56	17.54	17.67	18.50
		12	13	17.50	17.64	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.59	17.80	17.64	18.50
		1	25	17.54	17.57	17.52	18.50
		1	49	17.49	17.56	17.49	18.50
		25	0	17.55	17.59	17.57	18.50
		25	13	17.51	17.66	17.52	18.50
		25	25	17.48	17.53	17.46	18.50
		50	0	17.47	17.52	17.60	18.50
	16QAM	1	0	17.52	17.57	17.49	18.50
		1	25	17.50	17.48	17.51	18.50
		1	49	17.57	17.59	17.63	18.50
		25	0	17.47	17.63	17.58	18.50
		25	13	17.50	17.54	17.53	18.50
		25	25	17.48	17.55	17.60	18.50
	64QAM	50	0	17.46	17.67	17.59	18.50
		1	0	17.51	17.58	17.49	18.50
		1	25	17.57	17.52	17.63	18.50
		1	49	17.50	17.58	17.59	18.50
		25	0	17.48	17.49	17.50	18.50
		25	13	17.51	17.61	17.64	18.50

1.4MHz	QPSK	1	0	20.54	20.57	20.68	21.50			
		1	2	20.60	20.72	20.58	21.50			
		1	5	20.55	20.62	20.57	21.50			
		3	0	19.62	19.83	19.65	20.50			
		3	2	19.71	19.65	19.78	20.50			
		3	3	19.60	19.68	19.73	20.50			
	16QAM	6	0	19.67	19.93	19.72	20.50			
		1	0	19.77	19.62	19.81	20.50			
		1	2	19.66	19.85	19.63	20.50			
		1	5	19.69	19.76	19.67	20.50			
		3	0	18.77	18.88	18.78	19.50			
		3	2	18.75	18.76	18.76	19.50			
	64QAM	3	3	18.83	18.69	19.01	19.50			
		6	0	18.72	18.61	18.64	19.50			
		1	0	18.78	18.61	18.88	19.50			
		1	2	18.51	18.41	18.63	19.50			
		1	5	18.53	18.52	18.68	19.50			
		3	0	18.05	18.11	18.10	19.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18615	18900	19185			
					3	2	18.02		18.04	18.08
3					3	18.06	18.07		18.10	19.50
6					0	18.00	18.09		18.04	18.50
1					0	20.53	20.69		20.63	21.50
3MHz	QPSK	1	7	20.59	20.73	20.62	21.50			
		1	14	20.58	20.53	20.58	21.50			
		8	0	19.58	19.73	19.67	20.50			
		8	4	19.71	19.60	19.75	20.50			
		8	7	19.52	19.68	19.84	20.50			
		15	0	19.66	19.87	19.79	20.50			
	16QAM	1	0	19.76	19.62	19.78	20.50			
		1	7	19.58	19.85	19.54	20.50			
		1	14	19.72	19.77	19.67	20.50			
		8	0	18.71	18.87	18.78	19.50			
		8	4	18.73	18.70	18.80	19.50			
		8	7	18.86	18.76	19.02	19.50			
	64QAM	15	0	18.79	18.56	18.70	19.50			
		1	0	18.69	18.70	18.82	19.50			
		1	7	18.47	18.42	18.64	19.50			
		1	14	18.63	18.57	18.70	19.50			
		8	0	18.06	18.10	18.06	18.50			
		8	4	18.04	18.04	18.07	18.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18625	18900	19175			
					8	7	17.99		18.02	18.01
8					7	18.02	18.02		18.01	18.50
15					0	18.02	18.06		18.09	18.50
1					0	20.53	20.63		20.66	21.50
5MHz	QPSK	1	13	20.52	20.65	20.64	21.50			
		1	24	20.57	20.53	20.59	21.50			
		12	0	19.65	19.84	19.72	20.50			
		12	6	19.61	19.67	19.72	20.50			
		12	13	19.51	19.78	19.73	20.50			
		25	0	19.76	19.85	19.80	20.50			
	16QAM	1	0	19.80	19.66	19.86	20.50			

		1	13	19.68	19.80	19.64	20.50
		1	24	19.75	19.83	19.73	20.50
		12	0	18.74	18.89	18.79	19.50
		12	6	18.73	18.76	18.77	19.50
		12	13	18.83	18.77	18.96	19.50
		25	0	18.72	18.58	18.67	19.50
	64QAM	1	0	18.71	18.67	18.89	19.50
		1	13	18.51	18.46	18.62	19.50
		1	24	18.60	18.57	18.65	19.50
		12	0	17.97	18.03	18.09	18.50
		12	6	17.97	18.02	18.03	18.50
		12	13	18.00	18.02	18.14	18.50
25	0	17.94	18.02	18.09	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	20.60	20.68	20.62	21.50
		1	25	20.56	20.69	20.62	21.50
		1	49	20.59	20.60	20.50	21.50
		25	0	19.57	19.76	19.67	20.50
		25	13	19.73	19.61	19.82	20.50
		25	25	19.50	19.70	19.82	20.50
	50	0	19.65	19.93	19.79	20.50	
	16QAM	1	0	19.72	19.66	19.87	20.50
		1	25	19.57	19.85	19.60	20.50
		1	49	19.74	19.75	19.69	20.50
		25	0	18.79	18.88	18.67	19.50
		25	13	18.79	18.78	18.84	19.50
		25	25	18.81	18.68	18.99	19.50
	50	0	18.75	18.58	18.64	19.50	
	64QAM	1	0	18.65	18.65	18.85	19.50
		1	25	18.50	18.49	18.59	19.50
		1	49	18.58	18.57	18.69	19.50
		25	0	18.01	18.07	18.07	18.50
		25	13	18.07	18.09	18.11	18.50
		25	25	18.05	18.11	18.11	18.50
	50	0	17.98	18.07	18.04	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.62	20.67	20.61	21.50
		1	38	20.49	20.74	20.65	21.50
		1	74	20.63	20.61	20.58	21.50
		36	0	19.63	19.79	19.74	20.50
		36	18	19.62	19.62	19.77	20.50
		36	39	19.54	19.72	19.78	20.50
	75	0	19.76	19.89	19.79	20.50	
	16QAM	1	0	19.71	19.69	19.76	20.50
		1	38	19.61	19.86	19.62	20.50
		1	74	19.63	19.79	19.68	20.50
		36	0	18.80	18.86	18.67	19.50
		36	18	18.77	18.77	18.77	19.50
		36	39	18.84	18.76	19.01	19.50
	75	0	18.78	18.62	18.72	19.50	
	64QAM	1	0	18.73	18.71	18.89	19.50
		1	38	18.46	18.49	18.63	19.50
		1	74	18.51	18.46	18.64	19.50
		36	0	17.98	18.13	18.10	18.50

Bandwidth	Modulation	36	18	17.99	18.06	18.09	18.50
		36	39	18.01	18.03	18.02	18.50
		75	0	17.94	18.07	18.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.52	20.81	20.67	21.50
		1	50	20.48	20.64	20.62	21.50
		1	99	20.60	20.58	20.55	21.50
		50	0	19.60	19.82	19.64	20.50
		50	25	19.71	19.62	19.80	20.50
		50	50	19.56	19.69	19.81	20.50
		100	0	19.65	19.96	19.72	20.50
	16QAM	1	0	19.79	19.70	19.88	20.50
		1	50	19.59	19.86	19.62	20.50
		1	99	19.73	19.85	19.66	20.50
		50	0	18.80	18.93	18.69	19.50
		50	25	18.78	18.73	18.78	19.50
		50	50	18.82	18.68	18.97	19.50
		100	0	18.73	18.57	18.64	19.50
	64QAM	1	0	18.68	18.68	18.89	19.50
		1	50	18.46	18.44	18.69	19.50
		1	99	18.53	18.58	18.68	19.50
		50	0	18.01	18.14	18.06	18.50
		50	25	18.06	18.03	18.07	18.50
		50	50	17.95	18.02	18.06	18.50
		100	0	18.04	17.99	18.00	18.50

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	24.43	24.41	24.44	25.50
		1	2	24.36	24.44	24.40	25.50
		1	5	24.35	24.41	24.36	25.50
		3	0	23.37	23.59	23.47	24.50
		3	2	23.46	23.48	23.59	24.50
		3	3	23.34	23.54	23.61	24.50
		6	0	23.54	23.73	23.54	24.50
	16QAM	1	0	23.56	23.48	23.62	24.50
		1	2	23.42	23.63	23.35	24.50
		1	5	23.50	23.65	23.46	24.50
		3	0	22.55	22.69	22.52	23.50
		3	2	22.55	22.54	22.63	23.50
		3	3	22.56	22.57	22.75	23.50
		6	0	22.53	22.37	22.54	23.50
	64QAM	1	0	22.57	22.43	22.72	23.50
		1	2	22.36	22.31	22.44	23.50
		1	5	22.35	22.35	22.55	23.50
		3	0	22.49	22.48	22.63	23.50
		3	2	22.36	22.29	22.46	23.50
		3	3	22.41	22.37	22.55	23.50
		6	0	21.78	21.84	21.88	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20415	20525	20635	
3MHz	QPSK	1	0	24.43	24.47	24.45	25.50
		1	7	24.38	24.46	24.44	25.50
		1	14	24.35	24.39	24.34	25.50
		8	0	23.41	23.58	23.49	24.50
		8	4	23.50	23.44	23.52	24.50
		8	7	23.35	23.53	23.61	24.50
	16QAM	15	0	23.51	23.75	23.58	24.50
		1	0	23.53	23.42	23.61	24.50
		1	7	23.42	23.66	23.40	24.50
		1	14	23.52	23.64	23.51	24.50
		8	0	22.59	22.73	22.56	23.50
		8	4	22.53	22.56	22.57	23.50
	64QAM	8	7	22.62	22.55	22.75	23.50
		15	0	22.51	22.42	22.51	23.50
		1	0	22.48	22.45	22.67	23.50
		1	7	22.37	22.24	22.43	23.50
		1	14	22.41	22.33	22.48	23.50
		8	0	21.78	21.89	21.86	22.50
		8	4	21.79	21.82	21.85	22.50
		8	7	21.83	21.91	21.85	22.50
		15	0	21.77	21.85	21.88	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.39	24.48	24.46	25.50
		1	13	24.32	24.49	24.39	25.50
		1	24	24.35	24.36	24.37	25.50
		12	0	23.44	23.64	23.49	24.50
		12	6	23.51	23.49	23.57	24.50
		12	13	23.32	23.58	23.54	24.50
	16QAM	25	0	23.55	23.70	23.53	24.50
		1	0	23.60	23.48	23.60	24.50
		1	13	23.46	23.67	23.43	24.50
		1	24	23.46	23.66	23.48	24.50
		12	0	22.58	22.72	22.52	23.50
		12	6	22.59	22.60	22.55	23.50
	64QAM	12	13	22.59	22.58	22.78	23.50
		25	0	22.55	22.42	22.51	23.50
		1	0	22.52	22.44	22.68	23.50
		1	13	22.29	22.27	22.42	23.50
		1	24	22.42	22.36	22.47	23.50
		12	0	21.83	21.92	21.91	22.50
		12	6	21.82	21.89	21.88	22.50
		12	13	21.80	21.87	21.89	22.50
		25	0	21.77	21.83	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.38	24.54	24.50	25.50
		1	25	24.38	24.49	24.37	25.50
		1	49	24.35	24.41	24.33	25.50
		25	0	23.37	23.68	23.50	24.50
		25	13	23.52	23.49	23.60	24.50
		25	25	23.39	23.57	23.62	24.50
		50	0	23.49	23.69	23.52	24.50

	16QAM	1	0	23.55	23.42	23.60	24.50
		1	25	23.42	23.61	23.40	24.50
		1	49	23.54	23.58	23.49	24.50
		25	0	22.58	22.68	22.52	23.50
		25	13	22.50	22.60	22.55	23.50
		25	25	22.61	22.54	22.79	23.50
	64QAM	50	0	22.56	22.44	22.52	23.50
		1	0	22.53	22.49	22.69	23.50
		1	25	22.35	22.25	22.44	23.50
		1	49	22.39	22.37	22.48	23.50
		25	0	21.78	21.89	21.89	22.50
		25	13	21.83	21.83	21.93	22.50
		25	25	21.85	21.89	21.92	22.50
		50	0	21.82	21.81	21.82	22.50

LTE Band 5 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.61	22.81	22.50	23.50
		1	2	22.46	22.54	22.56	23.50
		1	5	22.55	22.48	22.76	23.50
		3	0	22.54	22.73	22.44	23.50
		3	2	22.58	22.64	22.49	23.50
		3	3	22.53	22.53	22.50	23.50
	16QAM	6	0	22.51	22.66	22.52	23.50
		1	0	22.46	22.55	22.53	23.50
		1	2	22.57	22.52	22.79	23.50
		1	5	22.60	22.44	22.45	23.50
		3	0	22.52	22.65	22.54	23.50
		3	2	22.45	22.64	22.56	23.50
	64QAM	3	3	22.59	22.49	22.79	23.50
		6	0	22.57	22.44	22.56	23.50
		1	0	22.54	22.43	22.72	23.50
		1	2	22.39	22.22	22.46	23.50
		1	5	22.37	22.38	22.49	23.50
		3	0	22.49	22.45	22.53	23.50
		3	2	22.51	22.48	22.61	23.50
		3	3	22.30	22.26	22.40	23.50
	3MHz	QPSK	6	0	21.85	21.73	21.74
1			0	22.61	22.81	22.47	23.50
1			7	22.53	22.59	22.55	23.50
1			14	22.61	22.55	22.74	23.50
8			0	22.51	22.68	22.45	23.50
8			4	22.58	22.62	22.46	23.50
8			7	22.45	22.61	22.48	23.50
15			0	22.53	22.67	22.53	23.50
16QAM		1	0	22.48	22.53	22.52	23.50
		1	7	22.62	22.50	22.79	23.50
		1	14	22.54	22.45	22.45	23.50
		8	0	22.52	22.63	22.54	23.50
		8	4	22.52	22.56	22.49	23.50
		8	4	22.52	22.56	22.49	23.50
		8	4	22.52	22.56	22.49	23.50

		8	7	22.64	22.55	22.80	23.50
		15	0	22.58	22.39	22.50	23.50
	64QAM	1	0	22.54	22.50	22.73	23.50
		1	7	22.30	22.21	22.43	23.50
		1	14	22.35	22.29	22.49	23.50
		8	0	21.71	21.86	21.91	22.50
		8	4	21.80	21.85	21.94	22.50
		8	7	21.89	21.89	21.90	22.50
		15	0	21.86	21.79	21.78	22.50
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				20425	20525	20625	
5MHz	QPSK	1	0	22.60	22.85	22.55	23.50
		1	13	22.51	22.54	22.59	23.50
		1	24	22.55	22.54	22.78	23.50
		12	0	22.55	22.72	22.52	23.50
		12	6	22.59	22.62	22.54	23.50
		12	13	22.45	22.64	22.49	23.50
		25	0	22.57	22.64	22.57	23.50
		25	0	22.57	22.64	22.57	23.50
	16QAM	1	0	22.53	22.59	22.52	23.50
		1	13	22.55	22.55	22.80	23.50
		1	24	22.54	22.48	22.52	23.50
		12	0	22.60	22.60	22.45	23.50
		12	6	22.52	22.64	22.58	23.50
		12	13	22.59	22.59	22.80	23.50
		25	0	22.55	22.46	22.54	23.50
		25	0	22.55	22.46	22.54	23.50
	64QAM	1	0	22.47	22.46	22.64	23.50
		1	13	22.36	22.19	22.38	23.50
		1	24	22.37	22.30	22.51	23.50
		12	0	21.77	21.90	21.94	22.50
		12	6	21.87	21.87	21.95	22.50
		12	13	21.81	21.86	21.87	22.50
		25	0	21.75	21.85	21.77	22.50
		25	0	21.75	21.85	21.77	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.58	22.87	22.49	23.50
		1	25	22.51	22.57	22.59	23.50
		1	49	22.56	22.48	22.73	23.50
		25	0	22.58	22.78	22.53	23.50
		25	13	22.54	22.71	22.57	23.50
		25	25	22.55	22.62	22.52	23.50
		50	0	22.52	22.71	22.55	23.50
		50	0	22.52	22.71	22.55	23.50
	16QAM	1	0	22.50	22.57	22.49	23.50
		1	25	22.59	22.48	22.74	23.50
		1	49	22.50	22.48	22.47	23.50
		25	0	22.53	22.70	22.53	23.50
		25	13	22.46	22.62	22.52	23.50
		25	25	22.60	22.47	22.83	23.50
		50	0	22.52	22.44	22.49	23.50
		50	0	22.52	22.44	22.49	23.50
	64QAM	1	0	22.50	22.43	22.69	23.50
		1	25	22.35	22.28	22.42	23.50
		1	49	22.34	22.39	22.45	23.50
		25	0	21.72	21.88	21.92	22.50
		25	13	21.79	21.87	21.98	22.50
		25	25	21.86	21.88	21.92	22.50
		50	0	21.85	21.85	21.83	22.50
		50	0	21.85	21.85	21.83	22.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.70	24.65	24.73	25.50
		1	13	24.53	24.73	24.68	25.50
		1	24	24.64	24.69	24.60	25.50
		12	0	23.71	23.77	23.75	24.50
		12	6	23.67	23.68	23.82	24.50
		12	13	23.62	23.72	23.80	24.50
	16QAM	25	0	23.78	23.98	23.75	24.50
		1	0	23.78	23.68	23.91	24.50
		1	13	23.60	23.87	23.69	24.50
		1	24	23.74	23.88	23.75	24.50
		12	0	22.81	22.93	22.76	23.50
		12	6	22.82	22.77	22.84	23.50
	64QAM	12	13	22.81	22.80	22.99	23.50
		25	0	22.81	22.67	22.75	23.50
		1	0	22.76	22.75	22.88	23.50
		1	13	22.56	22.52	22.65	23.50
		1	24	22.64	22.59	22.73	23.50
		12	0	22.08	22.11	22.15	22.50
10MHz	QPSK	12	6	22.07	22.10	22.13	22.50
		12	13	22.08	22.10	22.10	22.50
		25	0	22.07	22.13	22.07	22.50
		1	0	24.64	24.66	24.73	25.50
		1	25	24.53	24.67	24.71	25.50
		1	49	24.70	24.71	24.63	25.50
	16QAM	25	0	23.68	23.81	23.71	24.50
		25	13	23.75	23.66	23.78	24.50
		25	25	23.68	23.75	23.80	24.50
		50	0	23.78	23.91	23.80	24.50
		1	0	23.83	23.72	23.88	24.50
		1	25	23.65	23.90	23.69	24.50
	64QAM	1	49	23.79	23.84	23.73	24.50
		25	0	22.80	22.92	22.82	23.50
		25	13	22.77	22.79	22.88	23.50
		25	25	22.76	22.77	22.95	23.50
		50	0	22.79	22.67	22.76	23.50
		1	0	22.78	22.71	22.94	23.50
15MHz	QPSK	1	25	22.57	22.58	22.71	23.50
		1	49	22.67	22.60	22.72	23.50
		25	0	22.04	22.08	22.10	22.50
		25	13	22.06	22.10	22.13	22.50
		25	25	22.10	22.15	22.06	22.50
		50	0	22.05	22.12	22.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.70	24.63	24.68	25.50

		1	38	24.57	24.68	24.67	25.50	
		1	74	24.67	24.65	24.60	25.50	
		36	0	23.68	23.76	23.75	24.50	
		36	18	23.68	23.65	23.80	24.50	
		36	39	23.59	23.76	23.83	24.50	
		75	0	23.77	23.97	23.82	24.50	
	16QAM	1	0	23.76	23.70	23.91	24.50	
		1	38	23.66	23.88	23.65	24.50	
		1	74	23.74	23.87	23.78	24.50	
		36	0	22.84	22.95	22.79	23.50	
		36	18	22.79	22.83	22.82	23.50	
		36	39	22.85	22.77	23.01	23.50	
	64QAM	75	0	22.76	22.70	22.73	23.50	
		1	0	22.74	22.76	22.87	23.50	
		1	38	22.55	22.50	22.72	23.50	
		1	74	22.65	22.63	22.77	23.50	
		36	0	22.12	22.16	22.09	22.50	
		36	18	22.05	22.10	22.15	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	24.67	24.78	24.69	25.50
1			50	24.55	24.72	24.68	25.50	
1			99	24.64	24.70	24.61	25.50	
50			0	23.69	23.89	23.71	24.50	
50			25	23.72	23.74	23.84	24.50	
50			50	23.67	23.80	23.79	24.50	
16QAM		100	0	23.77	23.95	23.79	24.50	
		1	0	23.79	23.74	23.83	24.50	
		1	50	23.61	23.89	23.63	24.50	
		1	99	23.75	23.83	23.79	24.50	
		50	0	22.79	22.93	22.75	23.50	
		50	25	22.79	22.82	22.84	23.50	
64QAM		50	50	22.82	22.79	22.97	23.50	
		100	0	22.82	22.65	22.76	23.50	
		1	0	22.70	22.69	22.93	23.50	
		1	50	22.55	22.55	22.71	23.50	
		1	99	22.62	22.61	22.79	23.50	
		50	0	22.07	22.10	22.08	22.50	
			50	25	22.12	22.13	22.09	22.50
			50	50	22.10	22.09	22.08	22.50
			100	0	22.06	22.12	22.09	22.50

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.83	15.01	14.80	15.50
		1	13	14.84	14.78	14.81	15.50
		1	24	14.77	14.78	14.83	15.50
		12	0	14.60	14.94	14.78	15.50
		12	6	14.80	14.68	14.79	15.50
		12	13	14.58	14.83	14.77	15.50

		25	0	14.76	14.75	14.68	15.50
	16QAM	1	0	14.85	14.69	14.84	15.50
		1	13	14.64	14.89	14.77	15.50
		1	24	14.74	14.81	14.85	15.50
		12	0	14.77	14.74	14.88	15.50
		12	6	14.66	14.79	14.82	15.50
		12	13	14.80	14.76	14.85	15.50
		25	0	14.78	14.77	14.88	15.50
	64QAM	1	0	14.63	14.89	14.73	15.50
		1	13	14.81	14.81	14.88	15.50
		1	24	14.75	14.72	14.84	15.50
		12	0	14.61	14.83	14.73	15.50
		12	6	14.82	14.77	14.82	15.50
		12	13	14.67	14.84	14.72	15.50
	25	0	14.74	14.81	14.83	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	14.84	14.98	14.82	15.50
		1	25	14.82	14.68	14.77	15.50
		1	49	14.75	14.70	14.86	15.50
		25	0	14.65	14.98	14.79	15.50
		25	13	14.74	14.73	14.89	15.50
		25	25	14.61	14.78	14.74	15.50
	50	0	14.76	14.73	14.71	15.50	
	16QAM	1	0	14.84	14.75	14.80	15.50
		1	25	14.64	14.83	14.83	15.50
		1	49	14.80	14.75	14.81	15.50
		25	0	14.86	14.70	14.88	15.50
		25	13	14.67	14.82	14.80	15.50
		25	25	14.80	14.78	14.76	15.50
	50	0	14.86	14.80	14.81	15.50	
	64QAM	1	0	14.59	14.84	14.73	15.50
		1	25	14.77	14.70	14.86	15.50
		1	49	14.83	14.76	14.77	15.50
		25	0	14.64	14.83	14.81	15.50
		25	13	14.79	14.78	14.88	15.50
		25	25	14.67	14.76	14.80	15.50
	50	0	14.74	14.72	14.77	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	14.83	14.90	14.83	15.50
		1	38	14.82	14.75	14.80	15.50
		1	74	14.76	14.78	14.79	15.50
		36	0	14.63	14.90	14.75	15.50
		36	18	14.76	14.75	14.80	15.50
		36	39	14.68	14.87	14.80	15.50
		75	0	14.74	14.80	14.74	15.50
	16QAM	1	0	14.73	14.74	14.88	15.50
		1	38	14.59	14.88	14.73	15.50
		1	74	14.85	14.80	14.81	15.50
		36	0	14.76	14.77	14.80	15.50
		36	18	14.61	14.80	14.81	15.50
		36	39	14.76	14.78	14.82	15.50
		75	0	14.80	14.80	14.86	15.50
	64QAM	1	0	14.61	14.81	14.83	15.50
		1	38	14.77	14.79	14.83	15.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	74	14.78	14.78	14.80	15.50
		36	0	14.66	14.87	14.79	15.50
		36	18	14.79	14.73	14.85	15.50
		36	39	14.67	14.83	14.72	15.50
		75	0	14.78	14.78	14.77	15.50
	16QAM	1	0	14.84	15.09	14.82	15.50
		1	50	14.79	14.74	14.82	15.50
		1	99	14.76	14.71	14.80	15.50
		50	0	14.59	14.94	14.79	15.50
		50	25	14.83	14.71	14.82	15.50
		50	50	14.65	14.88	14.81	15.50
	64QAM	100	0	14.75	14.77	14.71	15.50
		1	0	14.79	14.69	14.86	15.50
		1	50	14.57	14.87	14.72	15.50
		1	99	14.85	14.71	14.79	15.50
		50	0	14.76	14.75	14.83	15.50
		50	25	14.64	14.85	14.75	15.50
	64QAM	50	50	14.79	14.74	14.79	15.50
		100	0	14.82	14.71	14.88	15.50
		1	0	14.57	14.77	14.84	15.50
1		50	14.84	14.77	14.87	15.50	
1		99	14.80	14.79	14.85	15.50	
50		0	14.58	14.82	14.79	15.50	
64QAM	50	25	14.79	14.77	14.83	15.50	
	50	50	14.66	14.85	14.73	15.50	
	100	0	14.78	14.76	14.81	15.50	

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.74	19.89	19.83	20.50
		1	13	19.78	19.70	19.87	20.50
		1	24	19.86	19.69	19.86	20.50
		12	0	19.66	19.88	19.78	20.50
		12	6	19.76	19.73	19.87	20.50
		12	13	19.60	19.87	19.79	20.50
		25	0	19.78	19.73	19.64	20.50
	16QAM	1	0	19.77	19.76	19.81	20.50
		1	13	19.57	19.81	19.73	20.50
		1	24	19.79	19.71	19.77	20.50
		12	0	19.74	19.79	19.85	20.50
		12	6	19.56	19.78	19.75	20.50
		12	13	19.80	19.69	19.81	20.50
	64QAM	25	0	19.81	19.80	19.78	20.50
		1	0	19.68	19.87	19.82	20.50
		1	13	19.84	19.69	19.76	20.50
		1	24	19.76	19.72	19.85	20.50
		12	0	19.62	19.79	19.79	20.50
		12	6	19.74	19.75	19.85	20.50
		12	13	19.56	19.78	19.81	20.50
64QAM	25	0	19.73	19.74	19.88	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.83	19.91	19.84	20.50
		1	25	19.83	19.70	19.78	20.50
		1	49	19.82	19.81	19.80	20.50
		25	0	19.62	19.86	19.75	20.50
		25	13	19.75	19.72	19.86	20.50
		25	25	19.61	19.81	19.80	20.50
		50	0	19.69	19.77	19.73	20.50
	16QAM	1	0	19.79	19.68	19.87	20.50
		1	25	19.57	19.77	19.81	20.50
		1	49	19.81	19.72	19.78	20.50
		25	0	19.73	19.70	19.85	20.50
		25	13	19.68	19.84	19.79	20.50
		25	25	19.80	19.76	19.78	20.50
		50	0	19.76	19.71	19.87	20.50
	64QAM	1	0	19.63	19.80	19.80	20.50
		1	25	19.74	19.74	19.78	20.50
		1	49	19.80	19.77	19.84	20.50
		25	0	19.59	19.81	19.72	20.50
		25	13	19.82	19.80	19.78	20.50
		25	25	19.62	19.82	19.75	20.50
		50	0	19.83	19.72	19.80	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	19.85	19.91	19.77	20.50
		1	38	19.86	19.79	19.87	20.50
		1	74	19.84	19.79	19.80	20.50
		36	0	19.64	19.90	19.83	20.50
		36	18	19.86	19.75	19.82	20.50
		36	39	19.68	19.79	19.81	20.50
		75	0	19.78	19.84	19.76	20.50
	16QAM	1	0	19.80	19.75	19.82	20.50
		1	38	19.68	19.89	19.75	20.50
		1	74	19.83	19.75	19.82	20.50
		36	0	19.78	19.75	19.87	20.50
		36	18	19.59	19.77	19.75	20.50
		36	39	19.80	19.69	19.83	20.50
		75	0	19.76	19.76	19.85	20.50
	64QAM	1	0	19.61	19.76	19.81	20.50
		1	38	19.80	19.72	19.87	20.50
		1	74	19.80	19.80	19.85	20.50
		36	0	19.58	19.85	19.82	20.50
		36	18	19.75	19.75	19.77	20.50
		36	39	19.67	19.87	19.78	20.50
		75	0	19.79	19.70	19.81	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.81	19.94	19.83	20.50
		1	50	19.82	19.73	19.83	20.50
		1	99	19.80	19.72	19.87	20.50
		50	0	19.65	19.92	19.78	20.50
		50	25	19.73	19.70	19.81	20.50
		50	50	19.66	19.88	19.73	20.50
		100	0	19.74	19.76	19.75	20.50
	16QAM	1	0	19.75	19.69	19.83	20.50

		1	50	19.65	19.89	19.82	20.50
		1	99	19.75	19.69	19.88	20.50
		50	0	19.80	19.72	19.81	20.50
		50	25	19.61	19.80	19.73	20.50
		50	50	19.78	19.71	19.86	20.50
		100	0	19.82	19.79	19.82	20.50
	64QAM	1	0	19.64	19.81	19.73	20.50
		1	50	19.82	19.78	19.79	20.50
		1	99	19.82	19.68	19.84	20.50
		50	0	19.58	19.84	19.82	20.50
		50	25	19.75	19.77	19.85	20.50
		50	50	19.63	19.87	19.83	20.50
		100	0	19.82	19.79	19.82	20.50

LTE FDD Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	23.76	23.81	23.90	25.00	
		1	2	23.79	23.89	23.81	25.00	
		1	5	23.75	23.78	23.73	25.00	
		3	0	22.80	22.99	22.93	24.00	
		3	2	22.87	22.88	22.95	24.00	
		3	3	22.79	22.91	23.02	24.00	
	16QAM	6	0	22.94	23.15	22.95	24.00	
		1	0	22.94	22.82	23.02	24.00	
		1	2	22.86	23.08	22.76	24.00	
		1	5	22.90	23.00	22.91	24.00	
		3	0	21.94	22.09	21.99	23.00	
		3	2	21.94	22.00	21.99	23.00	
		3	3	22.01	21.97	22.12	23.00	
		6	0	21.97	21.80	21.87	23.00	
	64QAM	1	0	21.96	21.88	22.11	23.00	
		1	2	21.70	21.67	21.84	23.00	
		1	5	21.83	21.71	21.86	23.00	
		3	0	21.93	21.87	22.04	23.00	
		3	2	21.71	21.72	21.88	23.00	
		3	3	21.77	21.75	21.89	23.00	
		3	3	21.77	21.75	21.89	23.00	
		6	0	21.23	21.24	21.25	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23025	23095	23165	
3MHz	QPSK	1	0	23.80	23.84	23.87	25.00	
		1	7	23.73	23.93	23.78	25.00	
		1	14	23.75	23.74	23.72	25.00	
		8	0	22.81	23.04	22.89	24.00	
		8	4	22.87	22.82	22.99	24.00	
		8	7	22.80	22.92	22.94	24.00	
	16QAM	15	0	22.89	23.16	22.99	24.00	
		1	0	22.93	22.80	23.01	24.00	
		1	7	22.83	23.08	22.77	24.00	
		1	14	22.93	22.99	22.89	24.00	
		8	0	21.96	22.14	21.97	23.00	

		8	4	21.93	21.96	21.97	23.00
		8	7	21.99	21.96	22.15	23.00
		15	0	21.91	21.80	21.95	23.00
	64QAM	1	0	21.96	21.87	22.05	23.00
		1	7	21.73	21.68	21.88	23.00
		1	14	21.80	21.74	21.88	23.00
		8	0	21.24	21.32	21.30	22.00
		8	4	21.20	21.22	21.32	22.00
		8	7	21.27	21.28	21.28	22.00
		15	0	21.24	21.28	21.28	22.00
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel
				23035	23095	23155	
5MHz	QPSK	1	0	23.83	23.86	23.84	25.00
		1	13	23.79	23.93	23.76	25.00
		1	24	23.78	23.79	23.79	25.00
		12	0	22.80	23.03	22.89	24.00
		12	6	22.87	22.82	22.95	24.00
		12	13	22.78	22.97	22.96	24.00
	16QAM	25	0	22.95	23.08	22.93	24.00
		1	0	22.99	22.84	23.06	24.00
		1	13	22.79	23.02	22.80	24.00
		1	24	22.92	22.98	22.86	24.00
		12	0	22.00	22.14	21.94	23.00
		12	6	21.91	21.92	21.99	23.00
	64QAM	12	13	22.04	21.93	22.15	23.00
		25	0	21.93	21.79	21.91	23.00
		1	0	21.89	21.87	22.10	23.00
		1	13	21.70	21.71	21.83	23.00
		1	24	21.75	21.76	21.91	23.00
		12	0	21.18	21.27	21.32	22.00
		12	6	21.21	21.21	21.34	22.00
		12	13	21.19	21.24	21.28	22.00
		25	0	21.17	21.28	21.28	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.77	23.94	23.91	25.00
		1	25	23.74	23.91	23.81	25.00
		1	49	23.79	23.79	23.76	25.00
		25	0	22.83	23.01	22.92	24.00
		25	13	22.92	22.82	22.99	24.00
		25	25	22.78	22.94	22.95	24.00
		50	0	22.91	23.16	22.97	24.00
	16QAM	1	0	22.95	22.84	23.02	24.00
		1	25	22.86	23.07	22.82	24.00
		1	49	22.86	22.98	22.87	24.00
		25	0	21.98	22.08	21.95	23.00
		25	13	21.94	21.94	21.97	23.00
		25	25	21.96	21.94	22.20	23.00
		50	0	21.92	21.80	21.88	23.00
	64QAM	1	0	21.94	21.89	22.09	23.00
		1	25	21.74	21.70	21.84	23.00
		1	49	21.76	21.74	21.89	23.00
		25	0	21.22	21.26	21.32	22.00
		25	13	21.19	21.27	21.29	22.00
		25	25	21.23	21.29	21.25	22.00

		50	0	21.21	21.23	21.23	22.00
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LTE Band 66				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	24.01	24.02	24.07	25.00	
		1	2	23.93	24.07	24.01	25.00	
		1	5	24.05	24.03	24.02	25.00	
		3	0	23.06	23.14	23.11	24.00	
		3	1	23.10	23.01	23.15	24.00	
		3	3	23.00	23.15	23.18	24.00	
	16QAM	6	0	23.16	23.34	23.12	24.00	
		1	0	23.14	23.06	23.24	24.00	
		1	2	22.94	23.21	23.03	24.00	
		1	5	23.11	23.22	23.11	24.00	
		3	0	22.19	22.23	22.11	23.00	
		3	1	22.19	22.10	22.22	23.00	
	64QAM	3	3	22.12	22.18	22.33	23.00	
		6	0	22.15	21.99	22.12	23.00	
		1	0	22.08	22.09	22.26	23.00	
		1	2	21.91	21.90	22.01	23.00	
		1	5	22.00	21.97	22.09	23.00	
		3	0	21.44	21.44	21.44	23.00	
	3MHz	QPSK	3	1	21.45	21.42	21.43	23.00
			3	3	21.40	21.48	21.45	23.00
			6	0	21.42	21.50	21.47	22.00
1			0	23.96	23.97	24.07	25.00	
1			7	23.95	24.07	24.02	25.00	
1			14	24.02	23.98	24.00	25.00	
16QAM		8	0	23.06	23.15	23.11	24.00	
		8	4	23.05	23.09	23.16	24.00	
		8	7	23.00	23.15	23.16	24.00	
		15	0	23.09	23.34	23.12	24.00	
		1	0	23.11	23.07	23.20	24.00	
		1	7	22.96	23.27	23.00	24.00	
64QAM		1	14	23.09	23.25	23.14	24.00	
		8	0	22.15	22.31	22.14	23.00	
		8	4	22.13	22.11	22.19	23.00	
		8	7	22.14	22.10	22.37	23.00	
		15	0	22.12	21.99	22.13	23.00	
		1	0	22.12	22.06	22.25	23.00	
5MHz		QPSK	1	7	21.92	21.86	22.07	23.00
			1	14	22.05	21.94	22.09	23.00
			8	0	21.45	21.49	21.45	22.00
	8		4	21.46	21.42	21.50	22.00	
	8		7	21.44	21.46	21.48	22.00	
	15		0	21.39	21.44	21.43	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	131997	132322	132647	25.00	

		1	13	23.90	24.07	24.06	25.00
		1	24	23.97	24.03	23.98	25.00
		12	0	23.07	23.17	23.08	24.00
		12	6	23.07	23.07	23.18	24.00
		12	13	22.96	23.12	23.18	24.00
		25	0	23.14	23.31	23.18	24.00
	16QAM	1	0	23.15	23.10	23.27	24.00
		1	13	22.97	23.24	23.01	24.00
		1	24	23.07	23.23	23.14	24.00
		12	0	22.20	22.27	22.16	23.00
		12	6	22.19	22.15	22.24	23.00
		12	13	22.12	22.11	22.34	23.00
	64QAM	25	0	22.16	22.03	22.09	23.00
		1	0	22.11	22.03	22.28	23.00
		1	13	21.88	21.86	22.07	23.00
		1	24	22.04	21.99	22.06	23.00
		12	0	21.46	21.47	21.50	22.00
		12	6	21.44	21.45	21.43	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.98	24.00	24.02	25.00
		1	25	23.90	24.08	23.99	25.00
		1	49	24.04	23.98	24.02	25.00
		25	0	23.08	23.19	23.11	24.00
		25	13	23.09	23.09	23.14	24.00
		25	25	22.98	23.07	23.16	24.00
	16QAM	50	0	23.11	23.33	23.14	24.00
		1	0	23.13	23.11	23.19	24.00
		1	25	22.95	23.18	22.96	24.00
		1	49	23.13	23.21	23.12	24.00
		25	0	22.17	22.31	22.09	23.00
		25	13	22.16	22.18	22.24	23.00
	64QAM	25	25	22.13	22.17	22.35	23.00
		50	0	22.14	21.99	22.09	23.00
		1	0	22.11	22.10	22.28	23.00
		1	25	21.92	21.89	22.03	23.00
		1	49	22.06	21.98	22.08	23.00
		25	0	21.42	21.49	21.48	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	25	13	21.47	21.42	21.43	22.00
		25	25	21.42	21.42	21.43	22.00
		50	0	21.47	21.44	21.50	22.00
		1	0	24.04	23.98	24.03	25.00
		1	38	23.95	24.03	24.02	25.00
		1	74	24.01	23.98	24.03	25.00
	16QAM	36	0	23.09	23.20	23.08	24.00
		36	18	23.08	23.02	23.16	24.00
		36	39	23.01	23.15	23.17	24.00
		75	0	23.14	23.30	23.11	24.00
	16QAM	1	0	23.12	23.08	23.18	24.00
		1	38	23.01	23.23	22.97	24.00
		1	74	23.11	23.17	23.16	24.00
		36	0	22.20	22.30	22.11	23.00

		36	18	22.13	22.14	22.22	23.00
		36	39	22.14	22.12	22.34	23.00
		75	0	22.16	21.98	22.13	23.00
	64QAM	1	0	22.05	22.05	22.21	23.00
		1	38	21.93	21.92	22.02	23.00
		1	74	22.00	21.96	22.10	23.00
		36	0	21.46	21.51	21.49	22.00
		36	18	21.41	21.44	21.44	22.00
		36	39	21.43	21.50	21.42	22.00
		75	0	21.46	21.50	21.47	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	132072	132322	132572	25.00
		1	50	24.02	24.13	24.05	25.00
		1	99	23.89	24.04	24.06	25.00
		1	99	24.02	24.03	24.02	25.00
		50	0	23.01	23.25	23.09	24.00
		50	25	23.07	23.04	23.18	24.00
		50	50	23.01	23.10	23.13	24.00
	16QAM	100	0	23.14	23.35	23.12	24.00
		1	0	23.12	23.06	23.20	24.00
		1	50	23.02	23.21	23.02	24.00
		1	99	23.15	23.17	23.15	24.00
		50	0	22.21	22.29	22.11	23.00
		50	25	22.16	22.13	22.21	23.00
		50	50	22.12	22.10	22.36	23.00
	64QAM	100	0	22.14	22.04	22.09	23.00
		1	0	22.06	22.06	22.20	23.00
		1	50	21.91	21.92	22.04	23.00
		1	99	21.99	21.95	22.06	23.00
		50	0	21.46	21.48	21.44	22.00
		50	25	21.48	21.46	21.43	22.00
50		50	21.41	21.45	21.46	22.00	
		100	0	21.43	21.50	21.41	22.00

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	15.34	15.48	15.38	16.00
		1	2	15.34	15.27	15.28	16.00
		1	5	15.26	15.23	15.27	16.00
		3	0	15.09	15.36	15.21	16.00
		3	1	15.25	15.18	15.37	16.00
		3	3	15.17	15.35	15.22	16.00
		6	0	15.18	15.23	15.23	16.00
	16QAM	1	0	15.29	15.24	15.27	16.00
		1	2	15.09	15.26	15.21	16.00
		1	5	15.33	15.19	15.35	16.00
		3	0	15.28	15.22	15.26	16.00
		3	1	15.18	15.33	15.31	16.00
		3	3	15.33	15.29	15.27	16.00
		6	0	15.34	15.27	15.36	16.00
	64QAM	1	0	15.07	15.34	15.27	16.00
		1	2	15.26	15.23	15.26	16.00

		1	5	15.31	15.29	15.27	16.00	
		3	0	15.08	15.30	15.22	16.00	
		3	1	15.25	15.18	15.28	16.00	
		3	3	15.06	15.34	15.33	16.00	
		6	0	15.31	15.25	15.36	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz	QPSK	1	0	15.28	15.48	15.26	16.00	
		1	7	15.26	15.19	15.27	16.00	
		1	14	15.34	15.26	15.32	16.00	
		8	0	15.16	15.44	15.31	16.00	
		8	4	15.29	15.29	15.36	16.00	
		8	7	15.09	15.37	15.27	16.00	
	16QAM	15	0	15.22	15.33	15.21	16.00	
		1	0	15.26	15.20	15.29	16.00	
		1	7	15.06	15.31	15.24	16.00	
		1	14	15.26	15.21	15.32	16.00	
		8	0	15.22	15.22	15.31	16.00	
		8	4	15.09	15.34	15.30	16.00	
	64QAM	8	7	15.32	15.20	15.29	16.00	
		15	0	15.35	15.27	15.32	16.00	
		1	0	15.13	15.36	15.28	16.00	
		1	7	15.23	15.23	15.25	16.00	
		1	14	15.30	15.21	15.31	16.00	
		8	0	15.16	15.26	15.26	16.00	
			8	4	15.25	15.18	15.30	16.00
			8	7	15.14	15.33	15.29	16.00
			15	0	15.26	15.26	15.26	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	15.35	15.49	15.37	16.00	
		1	13	15.23	15.21	15.28	16.00	
		1	24	15.23	15.23	15.30	16.00	
		12	0	15.08	15.37	15.26	16.00	
		12	6	15.34	15.17	15.33	16.00	
		12	13	15.16	15.27	15.21	16.00	
	16QAM	25	0	15.19	15.29	15.18	16.00	
		1	0	15.28	15.22	15.32	16.00	
		1	13	15.11	15.31	15.28	16.00	
		1	24	15.30	15.24	15.29	16.00	
		12	0	15.30	15.30	15.30	16.00	
		12	6	15.09	15.36	15.25	16.00	
	64QAM	12	13	15.23	15.30	15.34	16.00	
		25	0	15.29	15.29	15.31	16.00	
		1	0	15.07	15.30	15.30	16.00	
		1	13	15.33	15.21	15.36	16.00	
		1	24	15.31	15.20	15.26	16.00	
		12	0	15.13	15.25	15.23	16.00	
			12	6	15.33	15.21	15.31	16.00
			12	13	15.12	15.27	15.33	16.00
			25	0	15.23	15.26	15.36	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	15.29	15.42	15.35	16.00	
		1	25	15.28	15.25	15.31	16.00	
		1	49	15.23	15.28	15.31	16.00	

		25	0	15.16	15.42	15.24	16.00	
		25	13	15.27	15.20	15.31	16.00	
		25	25	15.14	15.34	15.33	16.00	
		50	0	15.27	15.34	15.13	16.00	
		16QAM	1	0	15.26	15.19	15.37	16.00
		1	25	15.08	15.37	15.22	16.00	
		1	49	15.32	15.19	15.36	16.00	
		25	0	15.29	15.19	15.28	16.00	
		25	13	15.16	15.32	15.31	16.00	
	25	25	15.33	15.18	15.25	16.00		
	50	0	15.28	15.27	15.27	16.00		
	64QAM	1	0	15.11	15.25	15.27	16.00	
	1	25	15.29	15.28	15.29	16.00		
	1	49	15.31	15.20	15.35	16.00		
	25	0	15.09	15.33	15.31	16.00		
	25	13	15.32	15.23	15.30	16.00		
	25	25	15.08	15.34	15.24	16.00		
	50	0	15.24	15.24	15.37	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	132047	132322	132597	16.00	
		1	38	15.29	15.41	15.33	16.00	
		1	74	15.24	15.18	15.29	16.00	
		36	0	15.31	15.25	15.27	16.00	
		36	18	15.10	15.40	15.26	16.00	
		36	39	15.30	15.29	15.25	16.00	
		36	39	15.12	15.30	15.30	16.00	
	16QAM	75	0	15.24	15.25	15.24	16.00	
		1	0	15.23	15.24	15.30	16.00	
		1	38	15.10	15.27	15.23	16.00	
		1	74	15.31	15.25	15.31	16.00	
		36	0	15.27	15.20	15.32	16.00	
		36	18	15.10	15.37	15.29	16.00	
		36	39	15.34	15.18	15.27	16.00	
	64QAM	75	0	15.28	15.29	15.27	16.00	
		1	0	15.15	15.35	15.31	16.00	
		1	38	15.33	15.30	15.28	16.00	
		1	74	15.33	15.25	15.34	16.00	
		36	0	15.16	15.32	15.21	16.00	
		36	18	15.28	15.17	15.35	16.00	
		36	39	15.17	15.33	15.21	16.00	
	75	0	15.34	15.21	15.36	16.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	132072	132322	132572	16.00
			1	50	15.31	15.50	15.33	16.00
			1	99	15.32	15.22	15.27	16.00
			1	99	15.23	15.27	15.32	16.00
50			0	15.13	15.46	15.32	16.00	
50			25	15.31	15.28	15.30	16.00	
50			50	15.08	15.26	15.24	16.00	
16QAM		100	0	15.19	15.28	15.22	16.00	
		1	0	15.32	15.25	15.28	16.00	
		1	50	15.14	15.28	15.23	16.00	
		1	99	15.31	15.17	15.30	16.00	
		50	0	15.32	15.21	15.37	16.00	
		50	25	15.17	15.37	15.30	16.00	
		50	50	15.28	15.27	15.28	16.00	

		100	0	15.24	15.19	15.25	16.00
	64QAM	1	0	15.08	15.33	15.32	16.00
		1	50	15.23	15.25	15.30	16.00
		1	99	15.26	15.27	15.36	16.00
		50	0	15.13	15.30	15.25	16.00
		50	25	15.30	15.27	15.36	16.00
		50	50	15.14	15.34	15.23	16.00
		100	0	15.34	15.19	15.29	16.00

LTE Band 66 Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	20.30	20.39	20.34	21.00	
		1	2	20.35	20.25	20.34	21.00	
		1	5	20.26	20.19	20.32	21.00	
		3	0	20.17	20.36	20.32	21.00	
		3	1	20.25	20.23	20.26	21.00	
		3	3	20.14	20.32	20.28	21.00	
	16QAM	6	0	20.20	20.23	20.17	21.00	
		1	0	20.25	20.21	20.32	21.00	
		1	2	20.14	20.30	20.32	21.00	
		1	5	20.29	20.30	20.26	21.00	
		3	0	20.26	20.19	20.28	21.00	
		3	1	20.13	20.36	20.22	21.00	
	64QAM	3	3	20.27	20.21	20.27	21.00	
		6	0	20.23	20.25	20.31	21.00	
		1	0	20.10	20.34	20.23	21.00	
		1	2	20.22	20.25	20.33	21.00	
		1	5	20.34	20.24	20.31	21.00	
		3	0	20.12	20.26	20.31	21.00	
	3MHz	QPSK	3	1	20.27	20.28	20.28	21.00
			3	3	20.15	20.26	20.32	21.00
			6	0	20.25	20.30	20.27	21.00
1			0	20.31	20.39	20.29	21.00	
1			7	20.30	20.21	20.38	21.00	
1			14	20.31	20.21	20.34	21.00	
8			0	20.15	20.35	20.22	21.00	
16QAM		8	4	20.31	20.27	20.34	21.00	
		8	7	20.06	20.29	20.32	21.00	
		15	0	20.26	20.28	20.17	21.00	
		1	0	20.35	20.20	20.26	21.00	
		1	7	20.15	20.38	20.23	21.00	
		1	14	20.33	20.28	20.32	21.00	
		8	0	20.24	20.20	20.31	21.00	
		8	4	20.18	20.28	20.20	21.00	
64QAM	8	7	20.27	20.22	20.31	21.00		
	15	0	20.31	20.30	20.31	21.00		
	1	0	20.07	20.37	20.23	21.00		
	1	7	20.31	20.23	20.35	21.00		
	1	14	20.31	20.26	20.34	21.00		
		8	0	20.05	20.33	20.28	21.00	

Bandwidth	Modulation	8	4	20.26	20.25	20.32	21.00
		8	7	20.14	20.31	20.21	21.00
		15	0	20.29	20.20	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.32	20.30	20.36	21.00
		1	13	20.32	20.29	20.33	21.00
		1	24	20.23	20.25	20.32	21.00
		12	0	20.15	20.37	20.29	21.00
		12	6	20.30	20.18	20.35	21.00
		12	13	20.13	20.31	20.26	21.00
		25	0	20.29	20.21	20.19	21.00
	16QAM	1	0	20.25	20.20	20.30	21.00
		1	13	20.16	20.36	20.28	21.00
		1	24	20.33	20.30	20.33	21.00
		12	0	20.22	20.25	20.34	21.00
		12	6	20.07	20.31	20.32	21.00
		12	13	20.29	20.27	20.35	21.00
		25	0	20.25	20.18	20.29	21.00
	64QAM	1	0	20.16	20.25	20.26	21.00
		1	13	20.30	20.23	20.38	21.00
		1	24	20.30	20.29	20.27	21.00
		12	0	20.11	20.31	20.26	21.00
		12	6	20.33	20.25	20.28	21.00
		12	13	20.15	20.29	20.23	21.00
		25	0	20.25	20.29	20.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.30	20.44	20.33	21.00
		1	25	20.24	20.21	20.33	21.00
		1	49	20.27	20.21	20.32	21.00
		25	0	20.15	20.40	20.26	21.00
		25	13	20.24	20.28	20.25	21.00
		25	25	20.07	20.34	20.24	21.00
		50	0	20.28	20.30	20.21	21.00
	16QAM	1	0	20.31	20.20	20.28	21.00
		1	25	20.08	20.26	20.31	21.00
		1	49	20.24	20.24	20.25	21.00
		25	0	20.34	20.21	20.29	21.00
		25	13	20.08	20.35	20.26	21.00
		25	25	20.29	20.21	20.34	21.00
		50	0	20.31	20.25	20.26	21.00
	64QAM	1	0	20.08	20.29	20.22	21.00
		1	25	20.32	20.28	20.26	21.00
		1	49	20.28	20.29	20.26	21.00
		25	0	20.07	20.29	20.28	21.00
		25	13	20.30	20.22	20.27	21.00
		25	25	20.07	20.37	20.29	21.00
		50	0	20.27	20.29	20.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.24	20.38	20.33	21.00
		1	38	20.32	20.21	20.32	21.00
		1	74	20.25	20.25	20.29	21.00
		36	0	20.06	20.39	20.27	21.00
		36	18	20.35	20.17	20.30	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	16QAM	36	39	20.10	20.31	20.28	21.00	
		75	0	20.26	20.31	20.12	21.00	
		1	0	20.24	20.27	20.29	21.00	
		1	38	20.16	20.27	20.22	21.00	
		1	74	20.27	20.27	20.35	21.00	
		36	0	20.35	20.22	20.33	21.00	
		36	18	20.09	20.31	20.26	21.00	
		36	39	20.33	20.23	20.37	21.00	
	64QAM	75	0	20.24	20.21	20.38	21.00	
		1	0	20.12	20.34	20.25	21.00	
		1	38	20.34	20.30	20.36	21.00	
		1	74	20.23	20.24	20.30	21.00	
		36	0	20.13	20.30	20.21	21.00	
		36	18	20.30	20.20	20.28	21.00	
		36	39	20.09	20.32	20.20	21.00	
		75	0	20.26	20.25	20.25	21.00	
	20MHz	QPSK	1	0	20.28	20.47	20.35	21.00
			1	50	20.24	20.19	20.34	21.00
			1	99	20.28	20.29	20.35	21.00
			50	0	20.06	20.42	20.21	21.00
			50	25	20.24	20.22	20.31	21.00
			50	50	20.12	20.26	20.31	21.00
			100	0	20.24	20.33	20.20	21.00
			16QAM	1	0	20.29	20.21	20.34
		1		50	20.12	20.28	20.21	21.00
		1		99	20.32	20.25	20.33	21.00
		50		0	20.22	20.28	20.26	21.00
		50		25	20.16	20.36	20.23	21.00
50		50		20.27	20.27	20.35	21.00	
100		0		20.30	20.29	20.32	21.00	
64QAM		1		0	20.08	20.35	20.27	21.00
		1	50	20.34	20.20	20.34	21.00	
		1	99	20.25	20.22	20.37	21.00	
		50	0	20.13	20.27	20.27	21.00	
		50	25	20.34	20.20	20.33	21.00	
		50	50	20.12	20.33	20.27	21.00	
		100	0	20.29	20.19	20.27	21.00	

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	23.26	23.18	23.29	24.00
		1	2	23.11	23.31	23.22	24.00
		1	5	23.28	23.23	23.17	24.00
		3	0	22.25	22.35	22.27	23.00
		3	1	22.32	22.16	22.28	23.00
		3	3	22.23	22.36	22.36	23.00
		6	0	22.36	22.49	22.26	23.00
	16QAM	1	0	22.33	22.20	22.36	23.00
		1	2	22.16	22.34	22.19	23.00
		1	5	22.24	22.43	22.30	23.00

		3	0	21.37	21.43	21.32	22.00
		3	1	21.44	21.31	21.46	22.00
		3	3	21.33	21.38	21.57	22.00
		6	0	21.37	21.21	21.36	22.00
	64QAM	1	0	21.27	21.22	21.49	22.00
		1	2	21.16	21.08	21.20	22.00
		1	5	21.16	21.19	21.29	22.00
		3	0	20.63	20.68	20.65	22.00
		3	1	20.62	20.62	20.61	22.00
		3	3	20.55	20.66	20.57	22.00
		6	0	20.66	20.67	20.62	21.00
Bandwidth		Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657
3MHz	QPSK	1	0	23.14	23.25	23.29	24.00
		1	7	23.09	23.31	23.16	24.00
		1	14	23.24	23.21	23.22	24.00
		8	0	22.31	22.35	22.28	23.00
		8	4	22.33	22.18	22.33	23.00
		8	7	22.20	22.35	22.39	23.00
		15	0	22.39	22.48	22.26	23.00
	16QAM	1	0	22.26	22.21	22.41	23.00
		1	7	22.19	22.39	22.20	23.00
		1	14	22.30	22.36	22.25	23.00
		8	0	21.32	21.35	21.30	22.00
		8	4	21.43	21.35	21.44	22.00
		8	7	21.36	21.42	21.54	22.00
		15	0	21.34	21.22	21.28	22.00
	64QAM	1	0	21.25	21.23	21.47	22.00
		1	7	21.05	21.10	21.17	22.00
		1	14	21.19	21.16	21.24	22.00
		8	0	20.66	20.66	20.67	21.00
8		4	20.66	20.65	20.61	21.00	
8		7	20.53	20.68	20.67	21.00	
15		0	20.55	20.63	20.61	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	23.25	23.20	23.19	24.00
		1	13	23.12	23.30	23.15	24.00
		1	24	23.29	23.20	23.16	24.00
		12	0	22.20	22.29	22.32	23.00
		12	6	22.30	22.16	22.37	23.00
		12	13	22.24	22.29	22.36	23.00
		25	0	22.38	22.56	22.26	23.00
	16QAM	1	0	22.33	22.27	22.36	23.00
		1	13	22.17	22.44	22.28	23.00
		1	24	22.31	22.46	22.27	23.00
		12	0	21.34	21.37	21.33	22.00
		12	6	21.38	21.30	21.44	22.00
		12	13	21.30	21.41	21.55	22.00
		25	0	21.29	21.17	21.33	22.00
	64QAM	1	0	21.28	21.33	21.40	22.00
		1	13	21.05	21.04	21.24	22.00
		1	24	21.15	21.19	21.29	22.00
		12	0	20.68	20.65	20.66	21.00
12		6	20.57	20.58	20.62	21.00	
12		13	20.65	20.63	20.70	21.00	

Bandwidth	Modulation	25	0	20.56	20.73	20.64	21.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	132022	132322	132622	24.00	
		1	25	23.19	23.20	23.27	24.00	
		1	49	23.10	23.28	23.25	24.00	
		25	0	23.23	23.25	23.25	24.00	
		25	13	22.27	22.33	22.29	23.00	
		25	25	22.26	22.21	22.35	23.00	
		50	0	22.15	22.37	22.33	23.00	
	16QAM	1	0	22.33	22.46	22.31	23.00	
		1	25	22.33	22.23	22.46	23.00	
		1	49	22.13	22.39	22.23	23.00	
		25	0	22.34	22.35	22.25	23.00	
		25	13	21.43	21.38	21.24	22.00	
		25	25	21.43	21.23	21.35	22.00	
		50	0	21.25	21.35	21.54	22.00	
	64QAM	1	0	21.33	21.23	21.31	22.00	
		1	25	21.21	21.23	21.42	22.00	
		1	49	21.14	21.10	21.19	22.00	
		25	0	21.14	21.15	21.27	22.00	
		25	13	20.66	20.60	20.65	21.00	
		25	25	20.62	20.64	20.68	21.00	
		50	0	20.56	20.71	20.58	21.00	
	20.59	20.66	20.62	21.00				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
132047					132322	132597		
15MHz	QPSK	1	0	23.25	23.16	23.30	24.00	
		1	38	23.11	23.30	23.21	24.00	
		1	74	23.18	23.25	23.22	24.00	
		36	0	22.29	22.34	22.32	23.00	
		36	18	22.32	22.20	22.39	23.00	
		36	39	22.17	22.36	22.35	23.00	
		75	0	22.35	22.55	22.29	23.00	
	16QAM	1	0	22.34	22.28	22.44	23.00	
		1	38	22.16	22.43	22.23	23.00	
		1	74	22.33	22.35	22.34	23.00	
		36	0	21.34	21.38	21.30	22.00	
		36	18	21.35	21.28	21.46	22.00	
		36	39	21.26	21.31	21.50	22.00	
		75	0	21.29	21.17	21.29	22.00	
	64QAM	1	0	21.27	21.24	21.49	22.00	
		1	38	21.15	21.06	21.17	22.00	
		1	74	21.18	21.17	21.31	22.00	
		36	0	20.64	20.58	20.60	21.00	
		36	18	20.67	20.56	20.64	21.00	
		36	39	20.61	20.70	20.60	21.00	
		75	0	20.65	20.72	20.67	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	1	0	23.44	23.49	23.42	24.00
1			50	23.07	23.29	23.24	24.00	
1			99	23.28	23.23	23.21	24.00	
50			0	22.27	22.42	22.26	23.00	
50			25	22.34	22.22	22.38	23.00	
50			50	22.20	22.29	22.34	23.00	
100			0	22.37	22.58	22.28	23.00	

	16QAM	1	0	22.36	22.28	22.45	23.00
		1	50	22.07	22.35	22.24	23.00
		1	99	22.25	22.46	22.28	23.00
		50	0	21.38	21.47	21.30	22.00
		50	25	21.38	21.25	21.44	22.00
		50	50	21.28	21.35	21.54	22.00
		100	0	21.34	21.23	21.31	22.00
	64QAM	1	0	21.32	21.32	21.39	22.00
		1	50	21.12	21.14	21.22	22.00
		1	99	21.18	21.20	21.26	22.00
		50	0	20.68	20.69	20.58	21.00
		50	25	20.69	20.57	20.56	21.00
		50	50	20.58	20.67	20.57	21.00
		100	0	20.54	20.72	20.69	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	24.40	24.40	24.45	25.00
		1	13	24.35	24.46	24.40	25.00
		1	24	24.45	24.41	24.40	25.00
		12	0	23.44	23.56	23.46	24.00
		12	6	23.45	23.44	23.55	24.00
		12	13	23.42	23.56	23.56	24.00
		25	0	23.57	23.72	23.58	24.00
	16QAM	1	0	23.52	23.48	23.61	24.00
		1	13	23.43	23.62	23.44	24.00
		1	24	23.49	23.61	23.49	24.00
		12	0	22.57	22.66	22.55	23.00
		12	6	22.57	22.57	22.59	23.00
		12	13	22.56	22.55	22.77	23.00
		25	0	22.53	22.37	22.57	23.00
	64QAM	1	0	22.54	22.43	22.68	23.00
		1	13	22.30	22.29	22.40	23.00
		1	24	22.39	22.36	22.49	23.00
		12	0	21.81	21.90	21.84	22.00
		12	6	21.80	21.82	21.89	22.00
		12	13	21.84	21.88	21.85	22.00
		25	0	21.85	21.82	21.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.39	24.39	24.43	25.00
		1	25	24.35	24.42	24.39	25.00
		1	49	24.39	24.40	24.42	25.00
		25	0	23.46	23.60	23.53	24.00
		25	13	23.48	23.46	23.56	24.00
		25	25	23.42	23.50	23.58	24.00
		50	0	23.56	23.69	23.57	24.00
	16QAM	1	0	23.58	23.46	23.67	24.00
		1	25	23.42	23.62	23.44	24.00
		1	49	23.54	23.66	23.50	24.00
		25	0	22.58	22.68	22.56	23.00
		25	13	22.59	22.52	22.59	23.00
		37800	38000	38200			

		25	25	22.59	22.50	22.71	23.00	
		50	0	22.51	22.40	22.52	23.00	
	64QAM	1	0	22.53	22.49	22.63	23.00	
		1	25	22.30	22.29	22.41	23.00	
		1	49	22.40	22.40	22.49	23.00	
		25	0	21.82	21.82	21.85	22.00	
		25	13	21.83	21.87	21.82	22.00	
		25	25	21.83	21.88	21.84	22.00	
		50	0	21.86	21.86	21.85	22.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175		
15MHz	QPSK	1	0	24.38	24.43	24.41	25.00	
		1	38	24.31	24.48	24.47	25.00	
		1	74	24.41	24.40	24.40	25.00	
		36	0	23.44	23.59	23.48	24.00	
		36	18	23.47	23.43	23.52	24.00	
		36	39	23.37	23.53	23.59	24.00	
		75	0	23.53	23.72	23.53	24.00	
	16QAM	1	0	23.57	23.49	23.66	24.00	
		1	38	23.41	23.62	23.36	24.00	
		1	74	23.54	23.59	23.49	24.00	
		36	0	22.53	22.64	22.55	23.00	
		36	18	22.52	22.49	22.63	23.00	
		36	39	22.58	22.50	22.69	23.00	
		75	0	22.58	22.42	22.48	23.00	
	64QAM	1	0	22.49	22.46	22.67	23.00	
		1	38	22.27	22.31	22.40	23.00	
		1	74	22.45	22.33	22.52	23.00	
		36	0	21.84	21.82	21.88	22.00	
		36	18	21.88	21.83	21.87	22.00	
		36	39	21.81	21.88	21.88	22.00	
		75	0	21.87	21.85	21.86	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	24.39	24.52	24.48	25.00
1			50	24.29	24.49	24.46	25.00	
1			99	24.40	24.42	24.42	25.00	
50			0	23.49	23.57	23.48	24.00	
50			25	23.48	23.46	23.56	24.00	
50			50	23.42	23.47	23.55	24.00	
100			0	23.52	23.71	23.50	24.00	
16QAM		1	0	23.57	23.50	23.63	24.00	
		1	50	23.38	23.67	23.45	24.00	
		1	99	23.48	23.66	23.51	24.00	
		50	0	22.61	22.68	22.50	23.00	
		50	25	22.53	22.54	22.61	23.00	
		50	50	22.51	22.58	22.69	23.00	
		100	0	22.55	22.42	22.55	23.00	
64QAM		1	0	22.50	22.49	22.66	23.00	
		1	50	22.25	22.33	22.46	23.00	
		1	99	22.44	22.41	22.53	23.00	
		50	0	21.83	21.87	21.85	22.00	
		50	25	21.84	21.89	21.87	22.00	
		50	50	21.80	21.84	21.83	22.00	
		100	0	21.82	21.86	21.84	22.00	

LTE Band 38 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	16.76	16.91	16.72	17.00
		1	13	16.66	16.66	16.72	17.00
		1	24	16.70	16.74	16.71	17.00
		12	0	16.70	16.83	16.72	17.00
		12	6	16.71	16.83	16.73	17.00
		12	13	16.64	16.71	16.73	17.00
	16QAM	25	0	16.69	16.83	16.78	17.00
		1	0	16.63	16.68	16.74	17.00
		1	13	16.75	16.78	16.67	17.00
		1	24	16.79	16.67	16.81	17.00
		12	0	16.67	16.82	16.66	17.00
		12	6	16.63	16.68	16.78	17.00
	64QAM	12	13	16.70	16.77	16.79	17.00
		25	0	16.75	16.72	16.78	17.00
		1	0	16.69	16.82	16.69	17.00
		1	13	16.68	16.74	16.71	17.00
		1	24	16.69	16.78	16.78	17.00
		12	0	16.64	16.81	16.77	17.00
10MHz	QPSK	12	6	16.65	16.65	16.83	17.00
		12	13	16.71	16.72	16.80	17.00
		25	0	16.77	16.67	16.73	17.00
		1	0	16.66	16.82	16.69	17.00
		1	25	16.69	16.65	16.73	17.00
		1	49	16.77	16.78	16.77	17.00
	16QAM	25	0	16.74	16.85	16.74	17.00
		25	13	16.70	16.80	16.71	17.00
		25	25	16.66	16.67	16.79	17.00
		50	0	16.69	16.76	16.73	17.00
		1	0	16.66	16.71	16.81	17.00
		1	25	16.73	16.78	16.71	17.00
	64QAM	1	49	16.78	16.76	16.74	17.00
		25	0	16.65	16.80	16.76	17.00
		25	13	16.69	16.68	16.81	17.00
		25	25	16.72	16.77	16.72	17.00
		50	0	16.76	16.75	16.74	17.00
		1	0	16.69	16.82	16.70	17.00
15MHz	QPSK	1	25	16.62	16.76	16.80	17.00
		1	49	16.76	16.76	16.68	17.00
		25	0	16.68	16.83	16.73	17.00
		25	13	16.65	16.74	16.74	17.00
		25	25	16.75	16.81	16.71	17.00
		50	0	16.80	16.74	16.77	17.00
	QPSK	1	0	16.63	16.93	16.74	17.00
		1	38	16.74	16.67	16.76	17.00
		1	74	16.74	16.81	16.67	17.00

		36	0	16.72	16.74	16.80	17.00	
		36	18	16.66	16.75	16.67	17.00	
		36	39	16.67	16.67	16.72	17.00	
		75	0	16.74	16.84	16.71	17.00	
		16QAM	1	0	16.71	16.70	16.82	17.00
			1	38	16.79	16.73	16.74	17.00
			1	74	16.70	16.65	16.77	17.00
			36	0	16.70	16.82	16.67	17.00
			36	18	16.70	16.66	16.75	17.00
	36		39	16.75	16.82	16.78	17.00	
	64QAM	75	0	16.72	16.70	16.73	17.00	
		1	0	16.68	16.74	16.79	17.00	
		1	38	16.70	16.76	16.79	17.00	
		1	74	16.69	16.75	16.77	17.00	
		36	0	16.73	16.76	16.73	17.00	
		36	18	16.67	16.69	16.83	17.00	
		36	39	16.75	16.72	16.71	17.00	
			75	0	16.68	16.77	16.83	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150		
20MHz	QPSK	1	0	16.73	16.94	16.77	17.00	
		1	50	16.73	16.71	16.81	17.00	
		1	99	16.66	16.82	16.69	17.00	
		50	0	16.74	16.88	16.79	17.00	
		50	25	16.67	16.81	16.73	17.00	
		50	50	16.70	16.73	16.80	17.00	
		100	0	16.70	16.78	16.76	17.00	
	16QAM	1	0	16.73	16.77	16.81	17.00	
		1	50	16.68	16.71	16.75	17.00	
		1	99	16.79	16.77	16.76	17.00	
		50	0	16.68	16.74	16.71	17.00	
		50	25	16.75	16.70	16.75	17.00	
		50	50	16.77	16.75	16.67	17.00	
	64QAM	100	0	16.70	16.77	16.76	17.00	
		1	0	16.69	16.74	16.79	17.00	
		1	50	16.64	16.68	16.74	17.00	
		1	99	16.68	16.76	16.74	17.00	
		50	0	16.75	16.74	16.71	17.00	
		50	25	16.66	16.66	16.76	17.00	
		50	50	16.74	16.72	16.75	17.00	
		100	0	16.69	16.74	16.76	17.00	

LTE Band 38 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.77	21.92	21.85	22.00
		1	13	21.81	21.78	21.86	22.00
		1	24	21.84	21.81	21.89	22.00
		12	0	21.89	21.92	21.83	22.00
		12	6	21.79	21.90	21.83	22.00
		12	13	21.79	21.75	21.90	22.00
		25	0	21.76	21.88	21.89	22.00
	16QAM	1	0	21.80	21.83	21.92	22.00

		1	13	21.80	21.89	21.80	22.00
		1	24	21.78	21.81	21.85	22.00
		12	0	21.79	21.91	21.77	22.00
		12	6	21.85	21.82	21.83	22.00
		12	13	21.81	21.82	21.81	22.00
		25	0	21.78	21.84	21.93	22.00
	64QAM	1	0	21.80	21.88	21.87	22.00
		1	13	21.83	21.76	21.83	22.00
		1	24	21.79	21.83	21.81	22.00
		12	0	21.73	21.95	21.81	22.00
		12	6	21.76	21.80	21.85	22.00
		12	13	21.82	21.80	21.86	22.00
		25	0	21.82	21.86	21.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.78	21.99	21.77	22.00
		1	25	21.83	21.78	21.83	22.00
		1	49	21.85	21.81	21.79	22.00
		25	0	21.87	21.89	21.86	22.00
		25	13	21.84	21.83	21.84	22.00
		25	25	21.75	21.83	21.89	22.00
	50	0	21.80	21.90	21.82	22.00	
	16QAM	1	0	21.84	21.85	21.92	22.00
		1	25	21.83	21.86	21.87	22.00
		1	49	21.83	21.84	21.88	22.00
		25	0	21.79	21.85	21.77	22.00
		25	13	21.79	21.86	21.91	22.00
		25	25	21.86	21.85	21.83	22.00
	50	0	21.83	21.82	21.87	22.00	
	64QAM	1	0	21.85	21.87	21.78	22.00
		1	25	21.72	21.81	21.91	22.00
		1	49	21.77	21.82	21.80	22.00
		25	0	21.84	21.84	21.84	22.00
25		13	21.76	21.77	21.91	22.00	
25		25	21.83	21.90	21.86	22.00	
50	0	21.77	21.81	21.94	22.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.74	21.98	21.87	22.00
		1	38	21.75	21.83	21.90	22.00
		1	74	21.80	21.85	21.88	22.00
		36	0	21.78	21.95	21.83	22.00
		36	18	21.75	21.85	21.84	22.00
		36	39	21.78	21.84	21.92	22.00
		75	0	21.79	21.89	21.82	22.00
	16QAM	1	0	21.73	21.85	21.91	22.00
		1	38	21.82	21.87	21.80	22.00
		1	74	21.78	21.86	21.82	22.00
		36	0	21.83	21.92	21.85	22.00
		36	18	21.78	21.80	21.82	22.00
		36	39	21.81	21.82	21.79	22.00
		75	0	21.79	21.76	21.86	22.00
	64QAM	1	0	21.74	21.84	21.88	22.00
		1	38	21.77	21.85	21.90	22.00
		1	74	21.79	21.83	21.78	22.00
		36	0	21.74	21.84	21.85	22.00

Bandwidth	Modulation	36	18	21.75	21.82	21.86	22.00
		36	39	21.81	21.89	21.80	22.00
		75	0	21.86	21.77	21.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.75	21.96	21.86	22.00
		1	50	21.82	21.79	21.88	22.00
		1	99	21.86	21.80	21.86	22.00
		50	0	21.90	21.95	21.88	22.00
		50	25	21.86	21.92	21.79	22.00
		50	50	21.77	21.80	21.93	22.00
		100	0	21.84	21.90	21.85	22.00
	16QAM	1	0	21.78	21.74	21.90	22.00
		1	50	21.81	21.87	21.82	22.00
		1	99	21.87	21.86	21.93	22.00
		50	0	21.80	21.93	21.87	22.00
		50	25	21.82	21.79	21.85	22.00
		50	50	21.83	21.87	21.85	22.00
		100	0	21.80	21.75	21.90	22.00
	64QAM	1	0	21.74	21.84	21.85	22.00
		1	50	21.79	21.79	21.82	22.00
		1	99	21.77	21.85	21.83	22.00
		50	0	21.86	21.88	21.86	22.00
		50	25	21.80	21.84	21.91	22.00
		50	50	21.83	21.89	21.87	22.00
		100	0	21.87	21.81	21.82	22.00

LTE Band 41 Full power				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	24.21	24.20	24.18	24.26	24.28	25.00	
		1	13	24.10	24.22	24.12	24.21	24.24	25.00	
		1	24	24.24	24.17	24.16	24.20	24.16	25.00	
		12	0	23.22	23.38	23.24	23.40	23.30	24.00	
		12	6	23.24	23.23	23.23	23.26	23.40	24.00	
		12	13	23.21	23.29	23.19	23.36	23.33	24.00	
		25	0	23.34	23.53	23.30	23.48	23.37	24.00	
	16QAM	1	0	23.31	23.25	23.35	23.26	23.42	24.00	
		1	13	23.20	23.45	23.18	23.43	23.24	24.00	
		1	24	23.31	23.38	23.30	23.39	23.35	24.00	
		12	0	22.33	22.51	22.37	22.49	22.32	23.00	
		12	6	22.38	22.31	22.37	22.31	22.39	23.00	
		12	13	22.35	22.34	22.35	22.31	22.52	23.00	
		25	0	22.35	22.19	22.38	22.17	22.35	23.00	
	64QAM	1	0	22.33	22.29	22.31	22.31	22.45	23.00	
		1	13	22.10	22.13	22.10	22.11	22.27	23.00	
		1	24	22.24	22.17	22.19	22.17	22.31	23.00	
		12	0	21.66	21.65	21.62	21.68	21.63	22.00	
		12	6	21.60	21.63	21.61	21.69	21.63	22.00	
		12	13	21.65	21.67	21.66	21.67	21.69	22.00	
		25	0	21.59	21.66	21.62	21.67	21.63	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	

10MHz	QPSK	1	0	24.17	24.24	24.19	24.24	24.28	25.00
		1	25	24.09	24.28	24.14	24.27	24.20	25.00
		1	49	24.24	24.25	24.25	24.23	24.17	25.00
		25	0	23.27	23.39	23.20	23.35	23.33	24.00
		25	13	23.23	23.23	23.25	23.27	23.34	24.00
		25	25	23.20	23.30	23.14	23.34	23.39	24.00
	16QAM	50	0	23.32	23.54	23.35	23.47	23.29	24.00
		1	0	23.34	23.28	23.35	23.28	23.42	24.00
		1	25	23.15	23.40	23.14	23.39	23.19	24.00
		1	49	23.27	23.45	23.31	23.40	23.34	24.00
		25	0	22.35	22.51	22.40	22.51	22.28	23.00
		25	13	22.32	22.30	22.40	22.33	22.45	23.00
	64QAM	25	25	22.35	22.33	22.34	22.30	22.54	23.00
		50	0	22.35	22.25	22.37	22.18	22.35	23.00
		1	0	22.33	22.24	22.29	22.28	22.41	23.00
		1	25	22.07	22.05	22.09	22.09	22.22	23.00
		1	49	22.20	22.12	22.18	22.16	22.29	23.00
		25	0	21.63	21.64	21.64	21.69	21.64	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.18	24.17	24.21	24.19	24.20	25.00
		1	38	24.10	24.23	24.09	24.22	24.23	25.00
		1	74	24.20	24.21	24.25	24.23	24.21	25.00
		36	0	23.22	23.39	23.26	23.39	23.32	24.00
		36	18	23.23	23.29	23.24	23.20	23.34	24.00
		36	39	23.18	23.33	23.17	23.32	23.37	24.00
	16QAM	75	0	23.30	23.51	23.28	23.51	23.38	24.00
		1	0	23.39	23.29	23.37	23.26	23.47	24.00
		1	38	23.21	23.42	23.15	23.40	23.21	24.00
		1	74	23.31	23.39	23.27	23.41	23.31	24.00
		36	0	22.34	22.51	22.34	22.46	22.34	23.00
		36	18	22.37	22.33	22.37	22.36	22.41	23.00
	64QAM	36	39	22.38	22.31	22.34	22.34	22.53	23.00
		75	0	22.38	22.24	22.35	22.16	22.36	23.00
		1	0	22.31	22.29	22.33	22.29	22.47	23.00
		1	38	22.11	22.05	22.11	22.09	22.24	23.00
		1	74	22.24	22.17	22.25	22.17	22.26	23.00
		36	0	21.64	21.63	21.63	21.67	21.62	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	36	39	21.67	21.64	21.65	21.65	21.67	22.00
		25	25	21.68	21.63	21.62	21.63	21.67	22.00
		50	0	21.65	21.63	21.62	21.66	21.70	22.00
		1	0	24.23	24.20	24.33	24.19	24.21	25.00
		1	50	24.09	24.26	24.09	24.29	24.23	25.00
		1	99	24.19	24.26	24.17	24.23	24.21	25.00
	16QAM	50	0	23.25	23.35	23.43	23.33	23.28	24.00
		50	25	23.23	23.24	23.29	23.25	23.38	24.00
		50	50	23.15	23.30	23.23	23.30	23.36	24.00
		100	0	23.35	23.47	23.36	23.54	23.38	24.00
		1	0	23.31	23.24	23.37	23.27	23.47	24.00
		1	50	23.21	23.40	23.22	23.41	23.21	24.00
		1	99	23.34	23.41	23.32	23.41	23.32	24.00

		50	0	22.41	22.44	22.34	22.47	22.34	23.00
		50	25	22.41	22.32	22.41	22.31	22.45	23.00
		50	50	22.37	22.31	22.34	22.29	22.49	23.00
		100	0	22.32	22.24	22.37	22.18	22.36	23.00
	64QAM	1	0	22.32	22.24	22.26	22.22	22.44	23.00
		1	50	22.10	22.13	22.09	22.12	22.27	23.00
		1	99	22.20	22.17	22.24	22.13	22.26	23.00
		50	0	21.61	21.67	21.64	21.66	21.69	22.00
		50	25	21.60	21.70	21.65	21.64	21.65	22.00
		50	50	21.65	21.65	21.65	21.67	21.67	22.00
		100	0	21.63	21.70	21.63	21.63	21.63	22.00

LTE Band 41 Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	16.53	16.42	16.46	16.69	16.58	17.00
		1	13	16.45	16.52	16.47	16.55	16.63	17.00
		1	24	16.56	16.58	16.59	16.54	16.48	17.00
		12	0	16.54	16.63	16.57	16.59	16.54	17.00
		12	6	16.44	16.64	16.50	16.52	16.51	17.00
		12	13	16.42	16.54	16.49	16.45	16.53	17.00
		25	0	16.48	16.64	16.46	16.56	16.51	17.00
	16QAM	1	0	16.49	16.50	16.42	16.50	16.60	17.00
		1	13	16.51	16.53	16.48	16.51	16.54	17.00
		1	24	16.52	16.53	16.57	16.46	16.57	17.00
		12	0	16.44	16.53	16.47	16.57	16.51	17.00
		12	6	16.51	16.49	16.55	16.47	16.63	17.00
		12	13	16.52	16.62	16.48	16.54	16.52	17.00
		25	0	16.47	16.47	16.52	16.46	16.60	17.00
	64QAM	1	0	16.50	16.62	16.55	16.61	16.53	17.00
		1	13	16.51	16.49	16.54	16.46	16.58	17.00
		1	24	16.55	16.60	16.50	16.53	16.58	17.00
		12	0	16.49	16.61	16.54	16.61	16.49	17.00
		12	6	16.49	16.57	16.47	16.57	16.55	17.00
		12	13	16.58	16.55	16.56	16.52	16.56	17.00
		25	0	16.53	16.45	16.48	16.54	16.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.47	16.69	16.48	16.71	16.51	17.00
		1	25	16.45	16.55	16.46	16.56	16.63	17.00
		1	49	16.52	16.59	16.54	16.55	16.48	17.00
		25	0	16.51	16.61	16.57	16.58	16.59	17.00
		25	13	16.48	16.57	16.53	16.54	16.52	17.00
		25	25	16.52	16.47	16.54	16.45	16.59	17.00
		50	0	16.50	16.54	16.55	16.63	16.49	17.00
	16QAM	1	0	16.51	16.46	16.54	16.56	16.54	17.00
		1	25	16.56	16.61	16.55	16.62	16.58	17.00
		1	49	16.59	16.50	16.57	16.48	16.62	17.00
		25	0	16.47	16.56	16.46	16.62	16.51	17.00
		25	13	16.52	16.52	16.53	16.49	16.60	17.00
		25	25	16.56	16.56	16.50	16.59	16.56	17.00
		50	0	16.52	16.45	16.50	16.47	16.56	17.00
	64QAM	1	0	16.47	16.64	16.45	16.56	16.50	17.00

		1	25	16.43	16.45	16.54	16.49	16.55	17.00	
		1	49	16.48	16.62	16.58	16.51	16.53	17.00	
		25	0	16.50	16.64	16.46	16.59	16.54	17.00	
		25	13	16.53	16.55	16.49	16.56	16.51	17.00	
		25	25	16.47	16.53	16.46	16.54	16.55	17.00	
		50	0	16.56	16.56	16.57	16.54	16.63	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	16.44	16.62	16.49	16.62	16.50	17.00	
		1	38	16.45	16.46	16.48	16.50	16.62	17.00	
		1	74	16.55	16.57	16.59	16.55	16.48	17.00	
		36	0	16.59	16.62	16.50	16.61	16.62	17.00	
		36	18	16.50	16.62	16.54	16.54	16.52	17.00	
		36	39	16.52	16.48	16.49	16.47	16.61	17.00	
	16QAM	75	0	16.55	16.55	16.44	16.61	16.59	17.00	
		1	0	16.54	16.55	16.44	16.52	16.56	17.00	
		1	38	16.59	16.54	16.53	16.56	16.57	17.00	
		1	74	16.55	16.49	16.54	16.53	16.58	17.00	
		36	0	16.50	16.65	16.48	16.57	16.48	17.00	
		36	18	16.49	16.45	16.53	16.55	16.59	17.00	
	64QAM	36	39	16.53	16.54	16.54	16.57	16.54	17.00	
		75	0	16.52	16.46	16.51	16.56	16.64	17.00	
		1	0	16.48	16.56	16.44	16.61	16.57	17.00	
		1	38	16.50	16.53	16.45	16.49	16.55	17.00	
		1	74	16.53	16.53	16.55	16.55	16.56	17.00	
		36	0	16.50	16.54	16.56	16.60	16.55	17.00	
	20MHz	QPSK	36	18	16.51	16.57	16.45	16.52	16.53	17.00
			36	39	16.52	16.62	16.57	16.57	16.55	17.00
			75	0	16.50	16.48	16.47	16.52	16.54	17.00
			1	0	16.55	16.65	16.77	16.68	16.49	17.00
			1	50	16.48	16.47	16.54	16.49	16.54	17.00
			1	99	16.51	16.50	16.46	16.57	16.57	17.00
16QAM		50	0	16.52	16.58	16.66	16.61	16.64	17.00	
		50	25	16.52	16.62	16.56	16.64	16.58	17.00	
		50	50	16.54	16.45	16.49	16.53	16.53	17.00	
		100	0	16.45	16.56	16.46	16.53	16.53	17.00	
		1	0	16.45	16.48	16.47	16.46	16.63	17.00	
		1	50	16.48	16.53	16.57	16.61	16.49	17.00	
64QAM		1	99	16.48	16.52	16.54	16.47	16.63	17.00	
		50	0	16.52	16.63	16.51	16.56	16.48	17.00	
		50	25	16.55	16.46	16.55	16.54	16.64	17.00	
		50	50	16.56	16.51	16.48	16.50	16.55	17.00	
		100	0	16.53	16.56	16.55	16.48	16.61	17.00	
		1	0	16.52	16.54	16.45	16.56	16.55	17.00	
64QAM		1	50	16.54	16.45	16.52	16.50	16.52	17.00	
		1	99	16.54	16.53	16.58	16.60	16.55	17.00	
		50	0	16.55	16.64	16.46	16.61	16.52	17.00	
		50	25	16.44	16.46	16.47	16.51	16.62	17.00	
		50	50	16.54	16.63	16.53	16.53	16.59	17.00	
		100	0	16.55	16.57	16.50	16.52	16.63	17.00	

LTE Band 41 Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.53	21.69	21.56	21.67	21.51	22.00
		1	13	21.42	21.51	21.54	21.55	21.54	22.00
		1	24	21.50	21.51	21.58	21.57	21.58	22.00
		12	0	21.48	21.60	21.58	21.57	21.60	22.00
		12	6	21.48	21.59	21.47	21.61	21.55	22.00
		12	13	21.43	21.55	21.52	21.46	21.56	22.00
	16QAM	25	0	21.53	21.54	21.43	21.60	21.47	22.00
		1	0	21.43	21.52	21.54	21.48	21.52	22.00
		1	13	21.58	21.60	21.49	21.59	21.49	22.00
		1	24	21.59	21.55	21.58	21.49	21.61	22.00
		12	0	21.52	21.54	21.49	21.63	21.49	22.00
		12	6	21.50	21.46	21.49	21.50	21.53	22.00
	64QAM	12	13	21.51	21.53	21.58	21.63	21.57	22.00
		25	0	21.58	21.55	21.55	21.45	21.57	22.00
		1	0	21.55	21.53	21.44	21.63	21.53	22.00
		1	13	21.51	21.47	21.48	21.56	21.62	22.00
		1	24	21.46	21.57	21.53	21.58	21.50	22.00
		12	0	21.45	21.61	21.45	21.63	21.53	22.00
10MHz	QPSK	12	6	21.48	21.48	21.49	21.55	21.56	22.00
		12	13	21.54	21.57	21.57	21.58	21.49	22.00
		25	0	21.57	21.49	21.52	21.54	21.58	22.00
		1	0	21.55	21.68	21.45	21.68	21.53	22.00
		1	25	21.54	21.55	21.53	21.56	21.51	22.00
		1	49	21.59	21.58	21.47	21.62	21.50	22.00
	16QAM	25	0	21.48	21.63	21.58	21.65	21.60	22.00
		25	13	21.53	21.56	21.53	21.58	21.48	22.00
		25	25	21.53	21.53	21.46	21.55	21.52	22.00
		50	0	21.46	21.57	21.45	21.64	21.51	22.00
		1	0	21.50	21.55	21.43	21.49	21.53	22.00
		1	25	21.54	21.55	21.50	21.56	21.60	22.00
	64QAM	1	49	21.52	21.53	21.55	21.46	21.58	22.00
		25	0	21.48	21.63	21.51	21.63	21.57	22.00
		25	13	21.42	21.51	21.46	21.44	21.60	22.00
		25	25	21.49	21.53	21.57	21.56	21.52	22.00
		50	0	21.52	21.56	21.48	21.57	21.61	22.00
		1	0	21.48	21.56	21.45	21.55	21.54	22.00
15MHz	QPSK	1	25	21.54	21.57	21.50	21.47	21.57	22.00
		1	49	21.55	21.62	21.49	21.58	21.48	22.00
		25	0	21.47	21.63	21.44	21.64	21.53	22.00
		25	13	21.53	21.44	21.46	21.54	21.59	22.00
		25	25	21.56	21.52	21.48	21.63	21.55	22.00
		50	0	21.51	21.50	21.50	21.45	21.52	22.00
		1	0	21.52	21.65	21.49	21.61	21.50	22.00
		1	38	21.50	21.50	21.44	21.47	21.55	22.00
		1	74	21.56	21.57	21.49	21.51	21.59	22.00
		36	0	21.48	21.56	21.55	21.67	21.63	22.00

	16QAM	36	18	21.46	21.57	21.52	21.64	21.54	22.00	
		36	39	21.43	21.45	21.48	21.50	21.57	22.00	
		75	0	21.54	21.62	21.45	21.58	21.57	22.00	
		1	0	21.52	21.53	21.54	21.56	21.53	22.00	
		1	38	21.58	21.58	21.59	21.56	21.49	22.00	
		1	74	21.47	21.56	21.54	21.55	21.53	22.00	
		36	0	21.48	21.60	21.46	21.57	21.56	22.00	
		36	18	21.43	21.50	21.49	21.46	21.59	22.00	
		36	39	21.53	21.59	21.46	21.53	21.57	22.00	
	64QAM	75	0	21.57	21.53	21.59	21.44	21.54	22.00	
		1	0	21.50	21.56	21.45	21.58	21.56	22.00	
		1	38	21.55	21.53	21.47	21.47	21.58	22.00	
		1	74	21.54	21.52	21.53	21.62	21.51	22.00	
		36	0	21.53	21.55	21.47	21.55	21.50	22.00	
		36	18	21.52	21.50	21.46	21.49	21.57	22.00	
		36	39	21.53	21.62	21.52	21.54	21.60	22.00	
		75	0	21.52	21.51	21.55	21.53	21.54	22.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	0	21.50	21.66	21.70	21.66	21.55	22.00	
		1	50	21.50	21.53	21.50	21.52	21.53	22.00	
		1	99	21.48	21.55	21.52	21.54	21.57	22.00	
		50	0	21.56	21.67	21.69	21.67	21.58	22.00	
		50	25	21.45	21.54	21.50	21.53	21.48	22.00	
		50	50	21.51	21.48	21.52	21.53	21.52	22.00	
	16QAM	100	0	21.54	21.61	21.47	21.53	21.54	22.00	
		1	0	21.48	21.56	21.51	21.51	21.53	22.00	
		1	50	21.59	21.51	21.47	21.60	21.54	22.00	
		1	99	21.57	21.52	21.51	21.51	21.57	22.00	
		50	0	21.43	21.53	21.55	21.63	21.50	22.00	
		50	25	21.50	21.49	21.49	21.46	21.59	22.00	
	64QAM	50	50	21.51	21.58	21.48	21.58	21.50	22.00	
		100	0	21.49	21.56	21.52	21.55	21.54	22.00	
		1	0	21.55	21.56	21.47	21.53	21.54	22.00	
		1	50	21.43	21.46	21.44	21.50	21.56	22.00	
		1	99	21.47	21.63	21.53	21.59	21.59	22.00	
		50	0	21.56	21.64	21.52	21.54	21.52	22.00	
			50	25	21.42	21.49	21.45	21.47	21.54	22.00
			50	50	21.51	21.58	21.57	21.50	21.60	22.00
			100	0	21.56	21.56	21.58	21.51	21.62	22.00

7 Conducted Power of ENDC_LTE Antenna(Ant2)

7.1 Conducted Power of LTE

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.61	23.62	23.60	25.50
		1	13	23.58	23.67	23.59	25.50
		1	24	23.60	23.60	23.61	25.50
		12	0	22.62	22.74	22.65	24.50
		12	6	22.66	22.67	22.77	24.50
		12	13	22.59	22.72	22.70	24.50
		25	0	22.69	22.90	22.76	24.50
	16QAM	1	0	22.72	22.64	22.79	24.50
		1	13	22.63	22.83	22.61	24.50
		1	24	22.74	22.85	22.72	24.50
		12	0	21.77	21.89	21.72	23.50
		12	6	21.75	21.77	21.79	23.50
		12	13	21.79	21.74	21.91	23.50
		25	0	21.78	21.56	21.73	23.50
	64QAM	1	0	21.65	21.65	21.84	23.50
		1	13	21.55	21.50	21.63	23.50
		1	24	21.66	21.53	21.69	23.50
		12	0	21.03	21.10	21.02	22.50
		12	6	21.05	21.02	21.05	22.50
		12	13	21.06	21.10	21.07	22.50
		25	0	21.03	21.10	21.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.57	23.57	23.68	25.50
		1	25	23.50	23.64	23.66	25.50
		1	49	23.57	23.59	23.61	25.50
		25	0	22.63	22.73	22.66	24.50
		25	13	22.68	22.61	22.75	24.50
		25	25	22.55	22.70	22.71	24.50
		50	0	22.73	22.95	22.76	24.50
	16QAM	1	0	22.71	22.68	22.82	24.50
		1	25	22.63	22.80	22.59	24.50
		1	49	22.75	22.77	22.67	24.50
		25	0	21.81	21.83	21.73	23.50
		25	13	21.74	21.72	21.84	23.50
		25	25	21.76	21.70	21.93	23.50
		50	0	21.79	21.58	21.74	23.50
	64QAM	1	0	21.72	21.67	21.87	23.50
		1	25	21.57	21.55	21.66	23.50
		1	49	21.61	21.60	21.74	23.50
		25	0	21.03	21.04	21.04	22.50
		25	13	21.00	21.08	21.01	22.50
		25	25	21.06	21.06	21.07	22.50
		50	0	21.03	21.11	21.03	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20825	21100	21375		
15MHz	QPSK	1	0	23.63	23.60	23.66	25.50	
		1	38	23.58	23.66	23.64	25.50	
		1	74	23.63	23.60	23.63	25.50	
		36	0	22.64	22.78	22.70	24.50	
		36	18	22.66	22.64	22.76	24.50	
		36	39	22.56	22.70	22.72	24.50	
	16QAM	75	0	22.72	22.94	22.74	24.50	
		1	0	22.70	22.66	22.81	24.50	
		1	38	22.58	22.82	22.57	24.50	
		1	74	22.71	22.83	22.74	24.50	
		36	0	21.80	21.87	21.72	23.50	
		36	18	21.75	21.77	21.78	23.50	
	64QAM	36	39	21.77	21.74	21.92	23.50	
		75	0	21.73	21.65	21.76	23.50	
		1	0	21.68	21.64	21.86	23.50	
		1	38	21.59	21.51	21.60	23.50	
		1	74	21.66	21.60	21.66	23.50	
		36	0	21.01	21.10	21.07	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	23.62	23.71	23.66	25.50
1			50	23.55	23.65	23.65	25.50	
1			99	23.62	23.63	23.55	25.50	
50			0	22.66	22.76	22.70	24.50	
50			25	22.63	22.61	22.74	24.50	
50			50	22.58	22.75	22.74	24.50	
100			0	22.74	22.93	22.77	24.50	
16QAM		1	0	22.77	22.65	22.86	24.50	
		1	50	22.63	22.79	22.58	24.50	
		1	99	22.74	22.84	22.69	24.50	
		50	0	21.81	21.86	21.75	23.50	
		50	25	21.75	21.70	21.80	23.50	
		50	50	21.78	21.69	21.93	23.50	
64QAM		100	0	21.77	21.65	21.76	23.50	
		1	0	21.70	21.66	21.84	23.50	
		1	50	21.52	21.52	21.66	23.50	
		1	99	21.62	21.57	21.73	23.50	
		50	0	21.00	21.10	21.06	22.50	
		50	25	21.07	21.09	21.06	22.50	
		50	50	21.02	21.05	21.04	22.50	
			100	0	21.04	21.07	21.01	22.50

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.45	21.69	21.50	22.50
		1	13	21.54	21.46	21.60	22.50

		1	24	21.48	21.59	21.49	22.50
		12	0	21.59	21.60	21.59	22.50
		12	6	21.54	21.60	21.50	22.50
		12	13	21.52	21.45	21.55	22.50
		25	0	21.45	21.56	21.51	22.50
		1	0	21.50	21.56	21.55	22.50
	16QAM	1	13	21.46	21.52	21.51	22.50
		1	24	21.60	21.53	21.61	22.50
		12	0	21.54	21.53	21.53	22.50
		12	6	21.52	21.54	21.59	22.50
		12	13	21.56	21.60	21.48	22.50
		25	0	21.59	21.53	21.58	22.50
	64QAM	1	0	21.55	21.54	21.56	22.50
		1	13	21.48	21.55	21.63	22.50
		1	24	21.54	21.51	21.50	22.50
		12	0	21.46	21.58	21.47	22.50
		12	6	21.48	21.53	21.54	22.50
		12	13	21.54	21.61	21.59	22.50
25	0	21.57	21.55	21.58	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.47	21.69	21.55	22.50
		1	25	21.51	21.54	21.59	22.50
		1	49	21.55	21.57	21.54	22.50
		25	0	21.50	21.66	21.60	22.50
		25	13	21.55	21.62	21.58	22.50
		25	25	21.53	21.51	21.59	22.50
	16QAM	50	0	21.55	21.52	21.54	22.50
		1	0	21.45	21.50	21.55	22.50
		1	25	21.59	21.62	21.51	22.50
		1	49	21.53	21.46	21.58	22.50
		25	0	21.56	21.62	21.56	22.50
		25	13	21.55	21.52	21.55	22.50
	64QAM	25	25	21.51	21.52	21.51	22.50
		50	0	21.50	21.46	21.55	22.50
		1	0	21.54	21.55	21.57	22.50
		1	25	21.49	21.52	21.54	22.50
		1	49	21.50	21.57	21.55	22.50
		25	0	21.53	21.63	21.57	22.50
25	13	21.45	21.48	21.55	22.50		
25	25	21.52	21.58	21.49	22.50		
50	0	21.53	21.49	21.60	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.51	21.71	21.53	22.50
		1	38	21.54	21.56	21.60	22.50
		1	74	21.55	21.56	21.53	22.50
		36	0	21.52	21.56	21.56	22.50
		36	18	21.52	21.52	21.48	22.50
		36	39	21.53	21.55	21.58	22.50
	16QAM	75	0	21.52	21.54	21.50	22.50
		1	0	21.54	21.52	21.53	22.50
		1	38	21.50	21.52	21.55	22.50
		1	74	21.58	21.45	21.53	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	36	0	21.53	21.62	21.53	22.50	
		36	18	21.52	21.53	21.56	22.50	
		36	39	21.52	21.52	21.52	22.50	
		75	0	21.57	21.49	21.54	22.50	
		1	0	21.54	21.60	21.58	22.50	
		1	38	21.47	21.44	21.62	22.50	
		1	74	21.47	21.53	21.59	22.50	
		36	0	21.52	21.63	21.58	22.50	
	36	18	21.48	21.49	21.52	22.50		
	36	39	21.56	21.56	21.47	22.50		
	75	0	21.48	21.48	21.63	22.50		
	20MHz	QPSK	1	0	21.55	21.74	21.55	22.50
			1	50	21.42	21.46	21.63	22.50
			1	99	21.53	21.60	21.50	22.50
			50	0	21.54	21.66	21.64	22.50
			50	25	21.43	21.55	21.59	22.50
			50	50	21.47	21.56	21.52	22.50
			100	0	21.45	21.57	21.55	22.50
		16QAM	1	0	21.55	21.51	21.61	22.50
			1	50	21.57	21.54	21.53	22.50
			1	99	21.59	21.48	21.62	22.50
			50	0	21.49	21.60	21.56	22.50
			50	25	21.52	21.51	21.59	22.50
			50	50	21.59	21.57	21.57	22.50
			100	0	21.55	21.56	21.52	22.50
		64QAM	1	0	21.45	21.65	21.54	22.50
			1	50	21.47	21.47	21.60	22.50
			1	99	21.53	21.62	21.47	22.50
50			0	21.46	21.60	21.46	22.50	
50			25	21.54	21.54	21.60	22.50	
50			50	21.50	21.58	21.49	22.50	
100			0	21.59	21.56	21.57	22.50	

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.35	23.28	23.38	24.20
		1	2	23.25	23.40	23.34	24.20
		1	5	23.31	23.33	23.33	24.20
		3	0	22.36	22.46	22.38	23.20
		3	1	22.38	22.38	22.41	23.20
		3	3	22.30	22.41	22.41	23.20
	16QAM	6	0	22.39	22.63	22.45	23.20
		1	0	22.48	22.38	22.50	23.20
		1	2	22.28	22.51	22.29	23.20
		1	5	22.42	22.49	22.41	23.20
		3	0	21.50	21.55	21.45	22.20
		3	1	21.50	21.48	21.49	22.20
		3	3	21.45	21.42	21.60	22.20
		6	0	21.43	21.28	21.47	22.20

		1	0	21.43	21.37	21.52	22.20	
		1	2	21.18	21.23	21.34	22.20	
		1	5	21.32	21.22	21.41	22.20	
	64QAM	3	0	20.74	20.79	20.80	22.20	
		3	1	20.76	20.75	20.75	22.20	
		3	3	20.75	20.81	20.72	22.20	
		6	0	20.75	20.77	20.73	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up	
3MHz	QPSK	1	0	23.29	23.29	23.38	24.20	
		1	7	23.21	23.38	23.29	24.20	
		1	14	23.32	23.29	23.25	24.20	
		8	0	22.37	22.46	22.43	23.20	
		8	4	22.35	22.30	22.43	23.20	
		8	7	22.29	22.46	22.46	23.20	
	16QAM	15	0	22.43	22.58	22.42	23.20	
		1	0	22.43	22.33	22.50	23.20	
		1	7	22.27	22.56	22.28	23.20	
		1	14	22.44	22.54	22.39	23.20	
		8	0	21.51	21.57	21.39	22.20	
		8	4	21.43	21.41	21.48	22.20	
	64QAM	8	7	21.46	21.45	21.66	22.20	
		15	0	21.43	21.31	21.42	22.20	
		1	0	21.38	21.36	21.57	22.20	
		1	7	21.16	21.18	21.37	22.20	
		1	14	21.35	21.26	21.41	22.20	
		8	0	20.71	20.78	20.80	21.20	
	5MHz	QPSK	8	4	20.70	20.79	20.75	21.20
			8	7	20.75	20.78	20.77	21.20
			15	0	20.71	20.80	20.75	21.20
1			0	23.27	23.36	23.33	24.20	
1			13	23.18	23.34	23.33	24.20	
1			24	23.33	23.28	23.32	24.20	
16QAM		12	0	22.37	22.43	22.43	23.20	
		12	6	22.34	22.33	22.46	23.20	
		12	13	22.28	22.39	22.46	23.20	
		25	0	22.42	22.56	22.41	23.20	
		1	0	22.47	22.36	22.50	23.20	
		1	13	22.26	22.48	22.28	23.20	
64QAM		1	24	22.45	22.56	22.40	23.20	
		12	0	21.47	21.59	21.39	22.20	
		12	6	21.43	21.47	21.55	22.20	
		12	13	21.43	21.45	21.58	22.20	
		25	0	21.48	21.35	21.44	22.20	
		1	0	21.36	21.36	21.55	22.20	
10MHz		QPSK	1	13	21.19	21.17	21.30	22.20
			1	24	21.31	21.23	21.42	22.20
			12	0	20.74	20.78	20.78	21.20
	12		6	20.73	20.73	20.79	21.20	
	12		13	20.74	20.74	20.71	21.20	
	25		0	20.78	20.78	20.79	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up	
10MHz	QPSK	1	0	23.34	23.29	23.30	24.20	

		1	25	23.17	23.38	23.29	24.20
		1	49	23.31	23.31	23.31	24.20
		25	0	22.37	22.50	22.36	23.20
		25	13	22.35	22.37	22.42	23.20
		25	25	22.30	22.40	22.41	23.20
		50	0	22.43	22.60	22.46	23.20
	16QAM	1	0	22.45	22.42	22.52	23.20
		1	25	22.30	22.51	22.34	23.20
		1	49	22.45	22.52	22.43	23.20
		25	0	21.50	21.60	21.42	22.20
		25	13	21.48	21.43	21.53	22.20
		25	25	21.44	21.41	21.64	22.20
	64QAM	50	0	21.41	21.32	21.38	22.20
		1	0	21.43	21.37	21.54	22.20
		1	25	21.18	21.23	21.38	22.20
		1	49	21.33	21.22	21.37	22.20
		25	0	20.76	20.79	20.76	21.20
		25	13	20.77	20.76	20.77	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.33	23.35	23.35	24.20
		1	38	23.21	23.39	23.37	24.20
		1	74	23.34	23.35	23.25	24.20
		36	0	22.32	22.47	22.41	23.20
		36	18	22.33	22.38	22.44	23.20
		36	39	22.27	22.40	22.41	23.20
	16QAM	75	0	22.43	22.59	22.40	23.20
		1	0	22.41	22.42	22.55	23.20
		1	38	22.29	22.48	22.30	23.20
		1	74	22.37	22.53	22.42	23.20
		36	0	21.45	21.61	21.41	22.20
		36	18	21.47	21.43	21.52	22.20
	64QAM	36	39	21.45	21.45	21.60	22.20
		75	0	21.47	21.27	21.46	22.20
		1	0	21.39	21.40	21.51	22.20
		1	38	21.17	21.16	21.35	22.20
		1	74	21.30	21.25	21.36	22.20
		36	0	20.77	20.80	20.78	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	36	39	20.73	20.74	20.76	21.20
		36	39	20.72	20.78	20.74	21.20
		75	0	20.73	20.79	20.79	21.20
		1	0	23.27	23.46	23.39	24.20
		1	50	23.19	23.37	23.32	24.20
		1	99	23.32	23.34	23.28	24.20
	16QAM	50	0	22.35	22.48	22.36	23.20
		50	25	22.37	22.38	22.43	23.20
		50	50	22.32	22.41	22.43	23.20
		100	0	22.40	22.56	22.44	23.20
	1	0	22.43	22.40	22.49	23.20	
	1	50	22.29	22.52	22.27	23.20	
	1	99	22.39	22.53	22.43	23.20	
	50	0	21.47	21.60	21.45	22.20	

		50	25	21.42	21.42	21.49	22.20
		50	50	21.50	21.46	21.67	22.20
		100	0	21.41	21.33	21.39	22.20
	64QAM	1	0	21.41	21.35	21.51	22.20
		1	50	21.16	21.15	21.35	22.20
		1	99	21.32	21.22	21.43	22.20
		50	0	20.75	20.78	20.73	21.20
		50	25	20.74	20.79	20.79	21.20
		50	50	20.73	20.78	20.80	21.20
		100	0	20.70	20.79	20.72	21.20

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.19	23.20	23.21	24.60	
		1	13	23.14	23.29	23.25	24.60	
		1	24	23.22	23.19	23.23	24.60	
		12	0	22.21	22.37	22.25	23.60	
		12	6	22.29	22.24	22.34	23.60	
		12	13	22.18	22.28	22.36	23.60	
	16QAM	25	0	22.29	22.49	22.33	23.60	
		1	0	22.38	22.29	22.39	23.60	
		1	13	22.23	22.40	22.18	23.60	
		1	24	22.34	22.39	22.30	23.60	
		12	0	21.38	21.50	21.31	22.60	
		12	6	21.38	21.32	21.44	22.60	
		12	13	21.36	21.34	21.49	22.60	
		25	0	21.39	21.22	21.29	22.60	
		64QAM	1	0	21.29	21.28	21.47	22.60
	1		13	21.05	21.11	21.27	22.60	
	1		24	21.25	21.18	21.31	22.60	
	12		0	20.63	20.71	20.63	21.60	
	12		6	20.60	20.69	20.65	21.60	
	12		13	20.64	20.69	20.67	21.60	
	10MHz	QPSK	25	0	20.61	20.70	20.66	21.60
Channel			Channel	Channel				
37800			38000	38200				
1			0	23.21	23.23	23.22	24.60	
1			25	23.07	23.26	23.26	24.60	
1			49	23.23	23.23	23.16	24.60	
25			0	22.22	22.33	22.31	23.60	
25			13	22.27	22.24	22.33	23.60	
25			25	22.19	22.30	22.36	23.60	
50			0	22.28	22.55	22.29	23.60	
16QAM			1	0	22.38	22.26	22.42	23.60
			1	25	22.22	22.43	22.18	23.60
		1	49	22.27	22.44	22.34	23.60	
		25	0	21.33	21.49	21.33	22.60	
		25	13	21.33	21.38	21.43	22.60	
		25	25	21.33	21.35	21.49	22.60	
		50	0	21.35	21.18	21.36	22.60	
		64QAM	1	0	21.29	21.24	21.48	22.60

		1	25	21.13	21.07	21.24	22.60	
		1	49	21.20	21.13	21.28	22.60	
		25	0	20.64	20.69	20.67	21.60	
		25	13	20.68	20.71	20.66	21.60	
		25	25	20.59	20.67	20.62	21.60	
		50	0	20.61	20.62	20.62	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	23.17	23.21	23.21	24.60	
		1	38	23.09	23.27	23.24	24.60	
		1	74	23.21	23.18	23.17	24.60	
		36	0	22.21	22.37	22.27	23.60	
		36	18	22.25	22.24	22.34	23.60	
		36	39	22.16	22.34	22.36	23.60	
	16QAM	75	0	22.33	22.50	22.33	23.60	
		1	0	22.38	22.24	22.42	23.60	
		1	38	22.19	22.43	22.25	23.60	
		1	74	22.30	22.38	22.34	23.60	
		36	0	21.35	21.48	21.36	22.60	
		36	18	21.36	21.33	21.40	22.60	
	64QAM	36	39	21.36	21.36	21.53	22.60	
		75	0	21.39	21.17	21.32	22.60	
		1	0	21.27	21.29	21.47	22.60	
		1	38	21.11	21.13	21.28	22.60	
		1	74	21.18	21.20	21.32	22.60	
		36	0	20.66	20.63	20.63	21.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	23.20	23.31	23.28	24.60
1			50	23.10	23.28	23.23	24.60	
1			99	23.22	23.18	23.21	24.60	
50			0	22.22	22.39	22.26	23.60	
50			25	22.26	22.28	22.36	23.60	
50			50	22.15	22.33	22.31	23.60	
100			0	22.36	22.51	22.36	23.60	
16QAM		1	0	22.34	22.28	22.44	23.60	
		1	50	22.23	22.40	22.22	23.60	
		1	99	22.31	22.38	22.33	23.60	
		50	0	21.35	21.46	21.28	22.60	
		50	25	21.34	21.30	21.43	22.60	
		50	50	21.36	21.30	21.51	22.60	
64QAM		100	0	21.35	21.19	21.35	22.60	
		1	0	21.28	21.26	21.45	22.60	
		1	50	21.06	21.08	21.26	22.60	
		1	99	21.22	21.18	21.33	22.60	
		50	0	20.61	20.65	20.68	21.60	
		50	25	20.65	20.68	20.63	21.60	
		50	50	20.62	20.64	20.65	21.60	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	37850				38000	38150		
		100	0	20.61	20.69	20.69	21.60	

LTE Band 38 Receiver on

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				37775	38000	38225				
5MHz	QPSK	1	0	17.46	17.56	17.55	18.60			
		1	13	17.54	17.52	17.57	18.60			
		1	24	17.59	17.60	17.54	18.60			
		12	0	17.48	17.64	17.54	18.60			
		12	6	17.47	17.54	17.51	18.60			
		12	13	17.44	17.54	17.48	18.60			
	16QAM	25	0	17.54	17.58	17.59	18.60			
		1	0	17.50	17.57	17.55	18.60			
		1	13	17.49	17.64	17.48	18.60			
		1	24	17.51	17.55	17.59	18.60			
		12	0	17.56	17.58	17.62	18.60			
		12	6	17.46	17.56	17.55	18.60			
	64QAM	12	13	17.49	17.65	17.58	18.60			
		25	0	17.43	17.61	17.59	18.60			
		1	0	17.53	17.55	17.61	18.60			
		1	13	17.47	17.63	17.54	18.60			
		1	24	17.58	17.62	17.51	18.60			
		12	0	17.53	17.60	17.59	18.60			
			12	6	17.58	17.61	17.49	18.60		
			12	13	17.48	17.64	17.53	18.60		
			25	0	17.54	17.55	17.50	18.60		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
			10MHz	QPSK	37800		38000	38200		
					1	0	17.48	17.57	17.48	18.60
1	25	17.49			17.57	17.60	18.60			
1	49	17.53			17.60	17.55	18.60			
25	0	17.50			17.63	17.60	18.60			
25	13	17.56			17.59	17.50	18.60			
16QAM	25	25		17.54	17.53	17.48	18.60			
	50	0		17.51	17.51	17.52	18.60			
	1	0		17.46	17.56	17.53	18.60			
	1	25		17.46	17.55	17.49	18.60			
	1	49		17.44	17.63	17.49	18.60			
	25	0		17.49	17.54	17.53	18.60			
64QAM	25	13		17.48	17.63	17.56	18.60			
	25	25		17.45	17.66	17.46	18.60			
	50	0		17.43	17.55	17.59	18.60			
	1	0		17.46	17.63	17.54	18.60			
	1	25		17.54	17.54	17.56	18.60			
	1	49		17.54	17.56	17.54	18.60			
		25		0	17.53	17.53	17.58	18.60		
		25		13	17.58	17.52	17.54	18.60		
		25		25	17.49	17.64	17.50	18.60		
		50		0	17.48	17.57	17.46	18.60		
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		15MHz		QPSK	37825		38000	38175		
1	0		17.52		17.60	17.53	18.60			
1	38		17.43		17.53	17.54	18.60			
1	74		17.47		17.58	17.59	18.60			
36	0		17.48		17.54	17.56	18.60			
36	18		17.54		17.58	17.55	18.60			
36	39		17.53		17.58	17.48	18.60			

		75	0	17.58	17.57	17.52	18.60
	16QAM	1	0	17.48	17.60	17.49	18.60
		1	38	17.55	17.59	17.50	18.60
		1	74	17.48	17.58	17.59	18.60
		36	0	17.54	17.60	17.59	18.60
		36	18	17.52	17.56	17.58	18.60
		36	39	17.57	17.57	17.50	18.60
		75	0	17.46	17.57	17.52	18.60
	64QAM	1	0	17.49	17.55	17.58	18.60
		1	38	17.47	17.59	17.59	18.60
		1	74	17.57	17.65	17.56	18.60
		36	0	17.45	17.61	17.55	18.60
		36	18	17.54	17.58	17.59	18.60
		36	39	17.45	17.52	17.53	18.60
		75	0	17.57	17.58	17.49	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.52	17.67	17.52	18.60
		1	50	17.51	17.62	17.58	18.60
		1	99	17.49	17.56	17.58	18.60
		50	0	17.51	17.62	17.49	18.60
		50	25	17.50	17.61	17.53	18.60
		50	50	17.46	17.56	17.58	18.60
		100	0	17.46	17.57	17.51	18.60
	16QAM	1	0	17.55	17.52	17.60	18.60
		1	50	17.49	17.62	17.55	18.60
		1	99	17.52	17.56	17.56	18.60
		50	0	17.51	17.58	17.58	18.60
		50	25	17.55	17.55	17.61	18.60
		50	50	17.56	17.64	17.49	18.60
		100	0	17.50	17.57	17.59	18.60
	64QAM	1	0	17.58	17.61	17.61	18.60
		1	50	17.53	17.57	17.58	18.60
		1	99	17.49	17.55	17.56	18.60
		50	0	17.54	17.60	17.60	18.60
		50	25	17.47	17.61	17.50	18.60
		50	50	17.49	17.53	17.51	18.60
		100	0	17.56	17.56	17.58	18.60

LTE Band 38 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.67	20.86	20.70	21.60
		1	13	20.65	20.80	20.73	21.60
		1	24	20.74	20.75	20.80	21.60
		12	0	20.72	20.83	20.81	21.60
		12	6	20.75	20.76	20.68	21.60
		12	13	20.66	20.75	20.78	21.60
		25	0	20.78	20.78	20.70	21.60
	16QAM	1	0	20.64	20.76	20.69	21.60
		1	13	20.71	20.80	20.73	21.60
		1	24	20.75	20.75	20.73	21.60
		1	24	20.75	20.75	20.73	21.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	64QAM	12	0	20.69	20.82	20.71	21.60
		12	6	20.68	20.82	20.79	21.60
		12	13	20.75	20.76	20.66	21.60
		25	0	20.62	20.84	20.75	21.60
		1	0	20.76	20.72	20.80	21.60
		1	13	20.75	20.83	20.78	21.60
		1	24	20.74	20.75	20.75	21.60
		12	0	20.69	20.73	20.74	21.60
		12	6	20.67	20.81	20.82	21.60
	QPSK	12	13	20.73	20.80	20.74	21.60
		25	0	20.77	20.81	20.77	21.60
		25	25	20.72	20.78	20.68	21.60
		50	0	20.70	20.75	20.74	21.60
		1	0	20.69	20.81	20.80	21.60
		1	25	20.68	20.78	20.74	21.60
		1	49	20.69	20.81	20.70	21.60
		25	0	20.68	20.81	20.70	21.60
		25	13	20.70	20.84	20.80	21.60
16QAM	25	25	20.66	20.83	20.66	21.60	
	50	0	20.66	20.71	20.77	21.60	
	1	0	20.69	20.72	20.76	21.60	
	1	25	20.71	20.80	20.73	21.60	
	1	49	20.76	20.75	20.75	21.60	
	25	0	20.70	20.74	20.72	21.60	
	25	13	20.70	20.73	20.78	21.60	
	25	25	20.68	20.77	20.81	21.60	
	50	0	20.71	20.76	20.67	21.60	
64QAM	1	0	20.67	20.83	20.67	21.60	
	1	38	20.62	20.77	20.69	21.60	
	1	74	20.70	20.75	20.75	21.60	
	36	0	20.73	20.79	20.81	21.60	
	36	18	20.70	20.84	20.77	21.60	
	36	39	20.66	20.79	20.74	21.60	
	75	0	20.78	20.81	20.75	21.60	
	1	0	20.68	20.82	20.79	21.60	
	1	38	20.67	20.74	20.68	21.60	
16QAM	1	74	20.70	20.79	20.74	21.60	
	36	0	20.71	20.78	20.78	21.60	
	36	18	20.75	20.81	20.75	21.60	
	36	39	20.72	20.78	20.67	21.60	
	75	0	20.72	20.75	20.69	21.60	
	1	0	20.66	20.83	20.76	21.60	
	1	38	20.72	20.80	20.80	21.60	
	1	74	20.68	20.76	20.74	21.60	
	36	0	20.72	20.84	20.80	21.60	
64QAM	36	18	20.77	20.75	20.79	21.60	
	36	39	20.74	20.75	20.72	21.60	

Bandwidth	Modulation	75	0	20.68	20.86	20.76	21.60	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	QPSK	1	0	37850	38000	38150	21.60	
		1	50	20.75	20.88	20.67	21.60	
		1	99	20.64	20.73	20.69	21.60	
		1	99	20.77	20.76	20.72	21.60	
		50	0	20.70	20.83	20.73	21.60	
		50	25	20.72	20.74	20.68	21.60	
		50	50	20.64	20.81	20.77	21.60	
	16QAM	100	0	20.71	20.79	20.75	21.60	
		1	0	20.71	20.77	20.69	21.60	
		1	50	20.69	20.78	20.67	21.60	
		1	99	20.68	20.75	20.68	21.60	
		50	0	20.68	20.77	20.72	21.60	
		50	25	20.68	20.82	20.79	21.60	
		50	50	20.78	20.80	20.73	21.60	
	64QAM	100	0	20.68	20.78	20.79	21.60	
		1	0	20.67	20.81	20.74	21.60	
		1	50	20.64	20.83	20.79	21.60	
		1	99	20.77	20.82	20.74	21.60	
		50	0	20.63	20.76	20.80	21.60	
		50	25	20.77	20.82	20.70	21.60	
		50	50	20.67	20.75	20.79	21.60	
			100	0	20.75	20.74	20.69	21.60

LTE Band 41				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	22.93	22.94	22.93	22.88	22.91	24.60	
		1	13	22.81	22.89	22.79	22.95	22.86	24.60	
		1	24	22.88	22.91	22.89	22.88	22.88	24.60	
		12	0	21.95	22.09	21.99	22.04	22.02	23.60	
		12	6	21.94	21.97	21.95	21.92	22.09	23.60	
		12	13	21.89	22.00	21.84	22.01	22.04	23.60	
		25	0	22.04	22.23	22.05	22.16	22.02	23.60	
	16QAM	1	0	22.01	21.94	22.03	21.96	22.08	23.60	
		1	13	21.89	22.09	21.93	22.14	21.94	23.60	
		1	24	22.00	22.09	21.98	22.11	22.04	23.60	
		12	0	21.11	21.18	21.07	21.17	21.00	22.60	
		12	6	21.03	21.02	21.10	21.01	21.13	22.60	
		12	13	21.10	21.05	21.09	21.04	21.24	22.60	
		25	0	21.06	20.91	21.10	20.94	21.06	22.60	
	64QAM	1	0	21.01	20.92	20.96	20.93	21.13	22.60	
		1	13	20.78	20.81	20.77	20.81	20.98	22.60	
		1	24	20.93	20.89	20.91	20.82	20.97	22.60	
		12	0	20.35	20.38	20.31	20.41	20.33	21.60	
		12	6	20.34	20.33	20.31	20.40	20.32	21.60	
		12	13	20.33	20.39	20.30	20.41	20.38	21.60	
		25	0	20.36	20.37	20.32	20.39	20.37	21.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	39700	40160	40620	41080	41540	24.60
					22.88	22.96	22.86	22.95	22.96	

		1	25	22.85	22.92	22.79	22.99	22.92	24.60
		1	49	22.90	22.93	22.95	22.89	22.87	24.60
		25	0	21.92	22.03	21.97	22.06	22.01	23.60
		25	13	22.01	21.93	21.94	21.91	22.01	23.60
		25	25	21.86	22.01	21.89	22.04	22.07	23.60
		50	0	22.06	22.21	22.00	22.20	22.00	23.60
	16QAM	1	0	22.05	21.97	22.02	21.95	22.10	23.60
		1	25	21.88	22.11	21.86	22.16	21.89	23.60
		1	49	21.99	22.13	22.02	22.07	22.04	23.60
		25	0	21.05	21.13	21.09	21.21	21.06	22.60
		25	13	21.05	21.06	21.10	21.00	21.09	22.60
		25	25	21.07	21.00	21.09	21.06	21.25	22.60
	64QAM	50	0	21.05	20.86	21.01	20.92	21.02	22.60
		1	0	21.00	20.96	20.98	20.94	21.13	22.60
		1	25	20.74	20.79	20.77	20.80	20.94	22.60
		1	49	20.96	20.90	20.89	20.87	21.02	22.60
		25	0	20.36	20.33	20.32	20.41	20.34	21.60
		25	13	20.30	20.37	20.33	20.34	20.37	21.60
		25	25	20.37	20.34	20.31	20.40	20.32	21.60
		50	0	20.34	20.34	20.33	20.37	20.31	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.92	22.95	22.94	22.95	22.95	24.60
		1	38	22.85	22.98	22.79	22.95	22.97	24.60
		1	74	22.90	22.94	22.91	22.90	22.90	24.60
		36	0	21.92	22.07	21.91	22.02	22.00	23.60
		36	18	21.99	21.91	21.94	21.92	22.03	23.60
		36	39	21.92	21.99	21.88	22.05	22.01	23.60
	16QAM	75	0	22.01	22.20	22.07	22.17	22.03	23.60
		1	0	22.05	21.95	22.08	21.97	22.10	23.60
		1	38	21.86	22.13	21.91	22.16	21.92	23.60
		1	74	22.01	22.10	22.03	22.15	22.04	23.60
		36	0	21.09	21.15	21.11	21.16	21.07	22.60
		36	18	21.04	21.03	21.11	21.06	21.15	22.60
	64QAM	36	39	21.08	21.06	21.03	21.00	21.23	22.60
		75	0	21.09	20.86	21.08	20.93	21.00	22.60
		1	0	21.03	20.95	21.03	21.01	21.17	22.60
		1	38	20.77	20.80	20.83	20.83	20.94	22.60
		1	74	20.91	20.83	20.95	20.86	20.97	22.60
		36	0	20.29	20.35	20.36	20.37	20.36	21.60
		36	18	20.38	20.37	20.32	20.38	20.37	21.60
		36	39	20.34	20.35	20.35	20.34	20.35	21.60
		75	0	20.36	20.33	20.30	20.41	20.39	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.94	22.92	23.02	22.91	22.98	24.60
		1	50	22.83	22.97	22.85	22.94	22.94	24.60
		1	99	22.89	22.94	22.93	22.96	22.88	24.60
		50	0	21.96	22.07	22.16	22.04	22.02	23.60
		50	25	21.97	21.93	21.97	21.91	22.03	23.60
		50	50	21.89	22.00	21.93	21.99	22.04	23.60
	16QAM	100	0	22.05	22.24	22.00	22.19	22.01	23.60
		1	0	22.04	22.00	22.01	21.95	22.09	23.60
		1	50	21.87	22.13	21.91	22.12	21.89	23.60
		1	99	22.05	22.15	22.04	22.13	22.04	23.60
		50	0	21.12	21.18	21.12	21.14	21.03	22.60

		50	25	21.06	21.08	21.07	21.01	21.12	22.60
		50	50	21.02	21.04	21.06	21.01	21.25	22.60
		100	0	21.09	20.89	21.02	20.88	21.01	22.60
	64QAM	1	0	20.96	20.99	20.95	20.96	21.17	22.60
		1	50	20.83	20.75	20.76	20.76	20.97	22.60
		1	99	20.88	20.88	20.91	20.85	21.02	22.60
		50	0	20.37	20.41	20.33	20.36	20.32	21.60
		50	25	20.32	20.36	20.30	20.33	20.40	21.60
		50	50	20.34	20.37	20.31	20.38	20.38	21.60
		100	0	20.38	20.32	20.34	20.39	20.38	21.60

LTE Band 41 Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	17.36	17.38	17.33	17.33	17.26	18.60	
		1	13	17.26	17.35	17.22	17.33	17.33	18.60	
		1	24	17.29	17.44	17.38	17.37	17.36	18.60	
		12	0	17.24	17.40	17.25	17.39	17.40	18.60	
		12	6	17.36	17.42	17.27	17.44	17.36	18.60	
		12	13	17.33	17.44	17.29	17.44	17.27	18.60	
	16QAM	25	0	17.36	17.39	17.31	17.36	17.31	18.60	
		1	0	17.25	17.43	17.34	17.38	17.36	18.60	
		1	13	17.37	17.45	17.31	17.36	17.31	18.60	
		1	24	17.29	17.37	17.24	17.33	17.27	18.60	
		12	0	17.27	17.41	17.38	17.36	17.41	18.60	
		12	6	17.35	17.41	17.33	17.34	17.34	18.60	
		12	13	17.33	17.34	17.32	17.45	17.33	18.60	
		25	0	17.31	17.41	17.23	17.35	17.29	18.60	
		64QAM	1	0	17.35	17.43	17.35	17.32	17.40	18.60
			1	13	17.25	17.37	17.31	17.37	17.33	18.60
	1		24	17.32	17.39	17.29	17.37	17.30	18.60	
	12		0	17.32	17.42	17.30	17.33	17.30	18.60	
	12		6	17.29	17.38	17.37	17.31	17.41	18.60	
	12		13	17.24	17.43	17.30	17.39	17.36	18.60	
		25	0	17.37	17.42	17.34	17.41	17.31	18.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
10MHz	QPSK	39700		40160	40620	41080	41540			
		1	0	17.28	17.40	17.30	17.41	17.36	18.60	
		1	25	17.34	17.34	17.30	17.33	17.29	18.60	
		1	49	17.38	17.37	17.33	17.39	17.30	18.60	
		25	0	17.35	17.42	17.30	17.36	17.29	18.60	
		25	13	17.33	17.35	17.27	17.42	17.27	18.60	
		25	25	17.23	17.43	17.29	17.33	17.31	18.60	
	16QAM	50	0	17.32	17.32	17.37	17.37	17.34	18.60	
		1	0	17.34	17.42	17.34	17.44	17.37	18.60	
		1	25	17.28	17.38	17.28	17.36	17.28	18.60	
		1	49	17.27	17.31	17.22	17.33	17.31	18.60	
		25	0	17.29	17.41	17.38	17.35	17.35	18.60	
		25	13	17.33	17.39	17.25	17.43	17.34	18.60	
		25	25	17.30	17.38	17.30	17.41	17.28	18.60	
		50	0	17.26	17.32	17.25	17.33	17.33	18.60	
		64QAM	1	0	17.33	17.44	17.28	17.42	17.33	18.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up			
				39725	40173	40620	41068	41515				
15MHz	QPSK	1	25	17.30	17.45	17.30	17.43	17.30	18.60			
		1	49	17.27	17.35	17.34	17.38	17.34	18.60			
		25	0	17.22	17.32	17.32	17.40	17.27	18.60			
		25	13	17.38	17.42	17.27	17.38	17.31	18.60			
		25	25	17.26	17.38	17.32	17.38	17.30	18.60			
		50	0	17.29	17.34	17.36	17.44	17.28	18.60			
	16QAM	QPSK	1	0	17.33	17.41	17.26	17.39	17.27	18.60		
			1	38	17.25	17.40	17.31	17.40	17.38	18.60		
			1	74	17.34	17.40	17.29	17.41	17.36	18.60		
			36	0	17.35	17.38	17.28	17.43	17.33	18.60		
			36	18	17.26	17.46	17.31	17.45	17.28	18.60		
			36	39	17.29	17.41	17.33	17.37	17.28	18.60		
		16QAM	16QAM	75	0	17.27	17.31	17.30	17.33	17.36	18.60	
				1	0	17.25	17.36	17.26	17.40	17.40	18.60	
				1	38	17.26	17.46	17.30	17.45	17.30	18.60	
				1	74	17.35	17.41	17.27	17.43	17.29	18.60	
				36	0	17.39	17.35	17.29	17.44	17.36	18.60	
				36	18	17.28	17.36	17.30	17.38	17.37	18.60	
			64QAM	16QAM	36	39	17.30	17.33	17.35	17.34	17.30	18.60
					75	0	17.27	17.33	17.24	17.36	17.28	18.60
					1	0	17.37	17.31	17.36	17.39	17.36	18.60
64QAM	64QAM	1	38	17.24	17.44	17.24	17.34	17.35	18.60			
		1	74	17.34	17.39	17.34	17.43	17.37	18.60			
		36	0	17.28	17.36	17.25	17.38	17.32	18.60			
	64QAM	64QAM	36	18	17.27	17.41	17.27	17.41	17.30	18.60		
			36	39	17.34	17.41	17.28	17.40	17.33	18.60		
			75	0	17.26	17.42	17.26	17.38	17.27	18.60		
		64QAM	64QAM	1	0	17.31	17.34	17.48	17.43	17.34	18.60	
				1	50	17.27	17.38	17.25	17.37	17.35	18.60	
				1	99	17.28	17.33	17.35	17.38	17.40	18.60	
20MHz	QPSK	50	0	17.27	17.45	17.46	17.37	17.38	18.60			
		50	25	17.29	17.40	17.28	17.40	17.29	18.60			
		50	50	17.32	17.38	17.28	17.41	17.28	18.60			
		100	0	17.36	17.42	17.30	17.36	17.36	18.60			
		1	0	17.35	17.32	17.35	17.38	17.36	18.60			
		1	50	17.29	17.37	17.34	17.39	17.26	18.60			
		1	99	17.29	17.37	17.32	17.33	17.37	18.60			
	16QAM	16QAM	50	0	17.37	17.42	17.31	17.39	17.40	18.60		
			50	25	17.28	17.44	17.30	17.38	17.29	18.60		
			50	50	17.30	17.36	17.31	17.42	17.28	18.60		
			100	0	17.31	17.32	17.27	17.40	17.36	18.60		
		64QAM	64QAM	1	0	17.35	17.40	17.30	17.42	17.36	18.60	
				1	50	17.28	17.39	17.35	17.44	17.32	18.60	
				50	0	17.26	17.43	17.31	17.35	17.31	18.60	
				50	25	17.24	17.34	17.31	17.35	17.39	18.60	
64QAM	64QAM	50	50	17.30	17.43	17.28	17.39	17.40	18.60			
		50	50	17.26	17.33	17.29	17.38	17.29	18.60			
		100	0	17.37	17.43	17.26	17.36	17.32	18.60			

LTE Band 41 Hotspot on	Conducted Power(dBm)
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up		
				39675	40148	40620	41093	41565			
5MHz	QPSK	1	0	20.67	20.70	20.56	20.71	20.61	21.60		
		1	13	20.60	20.65	20.63	20.67	20.60	21.60		
		1	24	20.64	20.64	20.63	20.72	20.63	21.60		
		12	0	20.61	20.70	20.54	20.69	20.67	21.60		
		12	6	20.67	20.63	20.66	20.76	20.63	21.60		
		12	13	20.64	20.65	20.60	20.74	20.62	21.60		
	16QAM	25	0	20.65	20.67	20.58	20.62	20.61	21.60		
		1	0	20.65	20.67	20.59	20.65	20.64	21.60		
		1	13	20.57	20.63	20.58	20.74	20.59	21.60		
		1	24	20.61	20.73	20.60	20.71	20.70	21.60		
		12	0	20.58	20.72	20.63	20.62	20.65	21.60		
		12	6	20.53	20.71	20.66	20.66	20.63	21.60		
	64QAM	12	13	20.56	20.74	20.66	20.64	20.68	21.60		
		25	0	20.58	20.64	20.63	20.62	20.57	21.60		
		1	0	20.57	20.73	20.57	20.68	20.60	21.60		
		1	13	20.60	20.73	20.61	20.73	20.70	21.60		
		1	24	20.61	20.68	20.63	20.67	20.60	21.60		
		12	0	20.53	20.70	20.60	20.64	20.68	21.60		
	10MHz	QPSK	12	6	20.64	20.67	20.63	20.65	20.70	21.60	
			12	13	20.64	20.65	20.65	20.68	20.62	21.60	
			25	0	20.57	20.73	20.66	20.73	20.55	21.60	
			39700		20.67	20.63	20.66	20.72	20.56	21.60	
			1	25	20.65	20.71	20.56	20.70	20.59	21.60	
			1	49	20.61	20.61	20.60	20.74	20.72	21.60	
16QAM		25	0	20.55	20.62	20.62	20.68	20.59	21.60		
		25	13	20.60	20.68	20.56	20.75	20.58	21.60		
		25	25	20.53	20.70	20.64	20.64	20.64	21.60		
		50	0	20.63	20.62	20.59	20.62	20.71	21.60		
		1	0	20.61	20.73	20.61	20.68	20.60	21.60		
		1	25	20.66	20.67	20.63	20.64	20.60	21.60		
64QAM	1	49	20.57	20.72	20.56	20.64	20.63	21.60			
	25	0	20.60	20.65	20.62	20.70	20.62	21.60			
	25	13	20.58	20.67	20.55	20.62	20.66	21.60			
	25	25	20.56	20.75	20.57	20.71	20.67	21.60			
	50	0	20.56	20.66	20.64	20.69	20.66	21.60			
	1	0	20.69	20.64	20.68	20.68	20.61	21.60			
15MHz	QPSK	1	25	20.56	20.68	20.59	20.75	20.70	21.60		
		1	49	20.65	20.73	20.58	20.73	20.59	21.60		
		25	0	20.52	20.72	20.61	20.67	20.69	21.60		
		25	13	20.65	20.69	20.63	20.70	20.72	21.60		
		25	25	20.63	20.68	20.58	20.71	20.59	21.60		
		50	0	20.64	20.67	20.61	20.73	20.65	21.60		
15MHz	QPSK	39725		20.62	20.68	20.56	20.64	20.60	21.60		
		40173		20.55	20.69	20.55	20.74	20.61	21.60		
		40620		20.62	20.71	20.65	20.71	20.69	21.60		
		41068		36	0	20.54	20.64	20.64	20.65	21.60	
		41515		36	18	20.60	20.69	20.64	20.73	20.60	21.60
				36	39	20.62	20.72	20.63	20.71	20.59	21.60

	16QAM	75	0	20.66	20.64	20.65	20.61	20.62	21.60	
		1	0	20.62	20.64	20.54	20.65	20.71	21.60	
		1	38	20.57	20.74	20.63	20.73	20.67	21.60	
		1	74	20.56	20.63	20.56	20.65	20.60	21.60	
		36	0	20.64	20.65	20.61	20.73	20.64	21.60	
		36	18	20.62	20.68	20.60	20.67	20.67	21.60	
		36	39	20.66	20.71	20.63	20.74	20.61	21.60	
	64QAM	75	0	20.57	20.69	20.59	20.67	20.66	21.60	
		1	0	20.59	20.70	20.57	20.74	20.59	21.60	
		1	38	20.65	20.63	20.62	20.66	20.63	21.60	
		1	74	20.62	20.63	20.63	20.72	20.60	21.60	
		36	0	20.56	20.70	20.59	20.64	20.65	21.60	
		36	18	20.69	20.63	20.61	20.70	20.65	21.60	
		36	39	20.59	20.73	20.62	20.74	20.64	21.60	
		75	0	20.57	20.63	20.57	20.68	20.55	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	0	20.59	20.73	20.79	20.76	20.61	21.60	
		1	50	20.56	20.71	20.57	20.66	20.65	21.60	
		1	99	20.66	20.64	20.67	20.64	20.66	21.60	
		50	0	20.59	20.71	20.75	20.72	20.64	21.60	
		50	25	20.60	20.74	20.57	20.66	20.62	21.60	
		50	50	20.63	20.74	20.53	20.71	20.60	21.60	
	16QAM	100	0	20.68	20.72	20.67	20.71	20.65	21.60	
		1	0	20.64	20.65	20.54	20.73	20.68	21.60	
		1	50	20.56	20.75	20.66	20.72	20.56	21.60	
		1	99	20.56	20.69	20.57	20.65	20.61	21.60	
		50	0	20.67	20.69	20.63	20.69	20.69	21.60	
		50	25	20.64	20.65	20.54	20.74	20.63	21.60	
	64QAM	50	50	20.56	20.66	20.60	20.70	20.67	21.60	
		100	0	20.57	20.74	20.52	20.72	20.61	21.60	
		1	0	20.68	20.73	20.67	20.72	20.61	21.60	
		1	50	20.57	20.66	20.64	20.73	20.58	21.60	
		1	99	20.60	20.64	20.66	20.72	20.65	21.60	
		50	0	20.60	20.64	20.58	20.71	20.68	21.60	
			50	25	20.69	20.62	20.62	20.63	20.71	21.60
			50	50	20.66	20.67	20.66	20.74	20.58	21.60
			100	0	20.64	20.73	20.63	20.69	20.66	21.60

8 Conducted Power of ENDC_LTE Antenna(Ant3)

8.1 Conducted Power of LTE

LTE Band 2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.35	23.27	23.38	24.50
		1	2	23.25	23.32	23.31	24.50
		1	5	23.29	23.34	23.25	24.50
		3	0	22.38	22.48	22.36	23.50
		3	2	22.34	22.33	22.45	23.50
		3	3	22.28	22.41	22.43	23.50
	16QAM	6	0	22.47	22.59	22.43	23.50
		1	0	22.49	22.33	22.53	23.50
		1	2	22.27	22.55	22.31	23.50
		1	5	22.41	22.49	22.41	23.50
		3	0	21.49	21.61	21.39	22.50
		3	2	21.48	21.39	21.49	22.50
	64QAM	3	3	21.44	21.41	21.65	22.50
		6	0	21.49	21.33	21.44	22.50
		1	0	21.36	21.40	21.53	22.50
		1	2	21.20	21.20	21.31	22.50
		1	5	21.35	21.23	21.42	22.50
		3	0	21.33	21.48	21.39	22.50
3MHz	QPSK	3	2	21.40	21.53	21.36	22.50
		3	3	21.20	21.31	21.20	22.50
		6	0	20.75	20.77	20.75	21.50
		1	0	23.26	23.29	23.36	24.50
		1	7	23.19	23.37	23.36	24.50
		1	14	23.34	23.34	23.32	24.50
	16QAM	8	0	22.39	22.49	22.39	23.50
		8	4	22.38	22.39	22.41	23.50
		8	7	22.30	22.45	22.42	23.50
		15	0	22.39	22.57	22.46	23.50
		1	0	22.46	22.41	22.56	23.50
		1	7	22.25	22.56	22.27	23.50
	64QAM	1	14	22.42	22.51	22.38	23.50
		8	0	21.47	21.54	21.45	22.50
		8	4	21.43	21.43	21.54	22.50
		8	7	21.43	21.43	21.64	22.50
		15	0	21.48	21.33	21.43	22.50
		1	0	21.37	21.39	21.50	22.50
	64QAM	1	7	21.21	21.19	21.30	22.50
		1	14	21.29	21.28	21.38	22.50
		8	0	20.77	20.76	20.74	21.50
		8	4	20.75	20.76	20.74	21.50
		8	7	20.74	20.76	20.74	21.50
		15	0	20.72	20.81	20.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18625	18900	19175				
5MHz	QPSK	1	0	23.34	23.29	23.32	24.50			
		1	13	23.18	23.31	23.34	24.50			
		1	24	23.32	23.35	23.31	24.50			
		12	0	22.35	22.49	22.36	23.50			
		12	6	22.38	22.33	22.45	23.50			
		12	13	22.33	22.37	22.47	23.50			
	16QAM	25	0	22.45	22.63	22.42	23.50			
		1	0	22.45	22.36	22.51	23.50			
		1	13	22.26	22.52	22.29	23.50			
		1	24	22.41	22.53	22.42	23.50			
		12	0	21.43	21.55	21.39	22.50			
		12	6	21.43	21.44	21.50	22.50			
	64QAM	12	13	21.47	21.46	21.64	22.50			
		25	0	21.46	21.26	21.45	22.50			
		1	0	21.37	21.36	21.50	22.50			
		1	13	21.17	21.20	21.32	22.50			
		1	24	21.29	21.22	21.40	22.50			
		12	0	20.72	20.73	20.74	21.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18650	18900	19150			
					1	0	23.33		23.30	23.31
1					25	23.18	23.38		23.37	24.50
1					49	23.28	23.31		23.33	24.50
25					0	22.37	22.44		22.36	23.50
25					13	22.40	22.34		22.47	23.50
25	25	22.32	22.43	22.42	23.50					
50	0	22.43	22.59	22.42	23.50					
10MHz	QPSK	1	0	22.42	22.41	22.54	23.50			
		1	25	22.26	22.53	22.35	23.50			
		1	49	22.45	22.47	22.44	23.50			
		25	0	21.46	21.57	21.44	22.50			
		25	13	21.50	21.41	21.54	22.50			
		25	25	21.46	21.42	21.62	22.50			
	16QAM	50	0	21.49	21.32	21.46	22.50			
		1	0	21.43	21.41	21.58	22.50			
		1	25	21.21	21.24	21.32	22.50			
		1	49	21.32	21.24	21.39	22.50			
		25	0	20.76	20.73	20.76	21.50			
		25	13	20.72	20.80	20.80	21.50			
		25	25	20.71	20.75	20.75	21.50			
64QAM	50	0	20.77	20.80	20.76	21.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
	18675	18900	19125							
	1	0	23.28	23.34	23.35	24.50				
	1	38	23.26	23.34	23.32	24.50				
	1	74	23.33	23.30	23.27	24.50				
36	0	22.33	22.48	22.41	23.50					
15MHz	QPSK	36	18	22.34	22.35	22.47	23.50			
		36	39	22.32	22.41	22.41	23.50			
		75	0	22.40	22.63	22.43	23.50			
		16QAM	1	0	22.41	22.39	22.51	23.50		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	1	38	22.26	22.50	22.35	23.50	
		1	74	22.44	22.48	22.46	23.50	
		36	0	21.48	21.53	21.45	22.50	
		36	18	21.45	21.39	21.53	22.50	
		36	39	21.42	21.43	21.61	22.50	
		75	0	21.45	21.27	21.46	22.50	
		1	0	21.38	21.35	21.59	22.50	
		1	38	21.15	21.20	21.29	22.50	
		1	74	21.33	21.25	21.42	22.50	
		36	0	20.74	20.72	20.80	21.50	
		36	18	20.72	20.78	20.73	21.50	
		36	39	20.76	20.74	20.72	21.50	
	75	0	20.70	20.79	20.78	21.50		
	QPSK	1	0	23.26	23.39	23.30	24.50	
		1	50	23.20	23.38	23.31	24.50	
		1	99	23.34	23.31	23.26	24.50	
		50	0	22.33	22.44	22.40	23.50	
		50	25	22.37	22.34	22.42	23.50	
		50	50	22.26	22.40	22.41	23.50	
		100	0	22.38	22.64	22.44	23.50	
		16QAM	1	0	22.40	22.41	22.57	23.50
			1	50	22.30	22.54	22.35	23.50
			1	99	22.46	22.55	22.40	23.50
			50	0	21.51	21.54	21.38	22.50
50			25	21.46	21.42	21.52	22.50	
50	50		21.45	21.45	21.64	22.50		
64QAM	100	0	21.42	21.35	21.47	22.50		
	1	0	21.36	21.36	21.52	22.50		
	1	50	21.14	21.24	21.30	22.50		
	1	99	21.31	21.31	21.43	22.50		
	50	0	20.73	20.73	20.77	21.50		
	50	25	20.73	20.75	20.75	21.50		
50	50	20.78	20.75	20.74	21.50			
100	0	20.73	20.77	20.75	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	23.94	23.91	23.94	25.50
		1	13	23.77	23.96	23.97	25.50
		1	24	23.90	23.93	23.88	25.50
		12	0	22.91	23.05	22.97	24.50
		12	6	22.98	22.92	23.05	24.50
		12	13	22.87	23.02	23.03	24.50
	16QAM	25	0	23.06	23.22	23.00	24.50
		1	0	23.06	22.97	23.13	24.50
		1	13	22.88	23.12	22.89	24.50
		1	24	23.04	23.07	23.06	24.50
		12	0	22.03	22.17	22.04	23.50
		12	6	22.09	22.04	22.14	23.50

		12	13	22.10	22.04	22.25	23.50
		25	0	22.07	21.89	22.01	23.50
	64QAM	1	0	22.01	22.00	22.11	23.50
		1	13	21.80	21.80	21.96	23.50
		1	24	21.94	21.83	21.96	23.50
		12	0	21.35	21.40	21.37	22.50
		12	6	21.35	21.38	21.35	22.50
		12	13	21.30	21.37	21.36	22.50
		25	0	21.34	21.34	21.39	22.50
		25	0	21.34	21.34	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.90	23.89	23.98	25.50
		1	25	23.81	23.98	23.91	25.50
		1	49	23.89	23.91	23.93	25.50
		25	0	22.94	23.06	23.01	24.50
		25	13	23.00	22.91	23.03	24.50
		25	25	22.91	23.02	23.08	24.50
		50	0	23.05	23.17	23.02	24.50
	16QAM	1	0	23.06	22.95	23.11	24.50
		1	25	22.90	23.16	22.88	24.50
		1	49	23.06	23.14	23.03	24.50
		25	0	22.05	22.15	22.03	23.50
		25	13	22.03	22.02	22.13	23.50
		25	25	22.06	22.05	22.18	23.50
		50	0	22.06	21.90	22.03	23.50
	64QAM	1	0	21.97	21.92	22.18	23.50
		1	25	21.82	21.77	21.91	23.50
		1	49	21.93	21.87	21.96	23.50
		25	0	21.33	21.34	21.35	22.50
		25	13	21.30	21.41	21.39	22.50
		25	25	21.36	21.35	21.38	22.50
		50	0	21.33	21.39	21.34	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.89	23.92	23.96	25.50
		1	38	23.85	23.97	23.90	25.50
		1	74	23.93	23.88	23.86	25.50
		36	0	22.97	23.01	22.97	24.50
		36	18	23.00	22.94	23.06	24.50
		36	39	22.90	22.99	23.05	24.50
		75	0	23.07	23.21	23.01	24.50
	16QAM	1	0	23.08	22.99	23.12	24.50
		1	38	22.92	23.13	22.92	24.50
		1	74	23.03	23.09	23.01	24.50
		36	0	22.10	22.19	22.06	23.50
		36	18	22.04	22.04	22.16	23.50
		36	39	22.04	22.02	22.22	23.50
		75	0	22.03	21.94	22.06	23.50
	64QAM	1	0	22.03	21.97	22.12	23.50
		1	38	21.75	21.78	21.92	23.50
		1	74	21.89	21.86	22.02	23.50
		36	0	21.33	21.32	21.34	22.50
		36	18	21.37	21.35	21.37	22.50
		36	39	21.37	21.36	21.31	22.50

Bandwidth	Modulation	75	0	21.37	21.34	21.40	22.50
		RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	23.93	24.02	23.98	25.50
		1	50	23.84	23.98	23.96	25.50
		1	99	23.92	23.91	23.87	25.50
		50	0	22.98	23.15	23.03	24.50
		50	25	22.97	22.95	23.09	24.50
		50	50	22.90	22.98	23.01	24.50
		100	0	22.99	23.21	23.06	24.50
	16QAM	1	0	23.06	22.95	23.08	24.50
		1	50	22.87	23.14	22.93	24.50
		1	99	23.05	23.07	22.99	24.50
		50	0	22.07	22.16	22.05	23.50
		50	25	22.04	22.04	22.16	23.50
		50	50	22.02	22.01	22.23	23.50
		100	0	22.01	21.88	22.01	23.50
	64QAM	1	0	21.97	21.96	22.10	23.50
		1	50	21.78	21.83	21.89	23.50
		1	99	21.92	21.83	22.02	23.50
		50	0	21.35	21.32	21.34	22.50
		50	25	21.38	21.40	21.37	22.50
		50	50	21.34	21.35	21.34	22.50
		100	0	21.34	21.37	21.34	22.50

LTE Band 7 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.00	22.95	22.97	24.50
		1	13	22.77	23.04	23.04	24.50
		1	24	23.02	22.95	22.96	24.50
		12	0	22.90	23.09	23.01	24.50
		12	6	22.94	22.92	23.02	24.50
		12	13	22.87	23.01	23.00	24.50
		25	0	23.00	22.94	22.92	24.50
	16QAM	1	0	22.98	23.00	23.06	24.50
		1	13	22.82	23.13	22.90	24.50
		1	24	23.02	23.09	23.11	24.50
		12	0	21.98	22.22	22.03	23.50
		12	6	22.04	22.08	22.10	23.50
		12	13	22.03	21.98	22.29	23.50
		25	0	22.03	21.82	21.98	23.50
	64QAM	1	0	21.95	21.93	22.11	23.50
		1	13	21.74	21.79	21.90	23.50
		1	24	21.86	21.79	22.00	23.50
		12	0	21.31	21.38	21.38	22.50
		12	6	21.39	21.40	21.32	22.50
		12	13	21.28	21.34	21.31	22.50
		25	0	21.30	21.31	21.38	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

10MHz	QPSK	1	0	23.03	22.89	22.99	24.50			
		1	25	22.80	23.02	23.00	24.50			
		1	49	22.99	22.98	22.98	24.50			
		25	0	22.94	23.06	23.01	24.50			
		25	13	23.02	22.88	22.99	24.50			
		25	25	22.84	23.01	22.97	24.50			
	16QAM	50	0	23.00	22.96	23.02	24.50			
		1	0	23.09	22.99	23.07	24.50			
		1	25	22.85	23.09	22.84	24.50			
		1	49	23.03	23.08	22.99	24.50			
		25	0	22.02	22.12	22.00	23.50			
		25	13	22.12	22.02	22.17	23.50			
	64QAM	25	25	22.06	22.08	22.25	23.50			
		50	0	22.05	21.86	21.96	23.50			
		1	0	22.05	21.99	22.10	23.50			
		1	25	21.77	21.81	21.97	23.50			
		1	49	21.92	21.80	21.93	23.50			
		25	0	21.28	21.40	21.35	22.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20825	21100	21375				
				25	13	21.39		21.39	21.37	22.50
				25	25	21.35		21.37	21.32	22.50
				50	0	21.37		21.34	21.41	22.50
				1	0	22.97		22.97	23.01	24.50
15MHz	QPSK	1	0	22.77	23.05	23.01	24.50			
		1	38	22.96	22.99	22.97	24.50			
		1	74	22.84	23.03	22.97	24.50			
		36	0	22.93	22.84	23.06	24.50			
		36	18	22.89	23.00	22.99	24.50			
		36	39	23.03	22.98	22.97	24.50			
	16QAM	75	0	23.00	22.91	23.12	24.50			
		1	0	22.92	23.09	22.94	24.50			
		1	38	23.05	23.08	23.02	24.50			
		1	74	22.04	22.18	22.02	23.50			
		36	0	22.07	22.06	22.19	23.50			
		36	18	22.07	22.06	22.29	23.50			
	64QAM	36	39	22.03	21.90	22.04	23.50			
		75	0	21.97	21.96	22.12	23.50			
		1	0	21.78	21.76	21.91	23.50			
		1	38	21.99	21.86	22.01	23.50			
		1	74	21.29	21.42	21.35	22.50			
		36	0	21.29	21.42	21.39	22.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20850	21100	21350				
				50	0	22.83		23.09	23.01	24.50
				50	25	22.97		22.92	23.02	24.50
				50	50	22.82		23.03	22.99	24.50
				100	0	23.07		22.97	23.03	24.50
20MHz	QPSK	1	0	23.07	23.00	23.06	24.50			
		1	0	22.92	23.02	22.87	24.50			
		1	50	22.82	23.02	23.01	24.50			
		1	99	22.98	22.96	23.03	24.50			
50		0	22.83	23.09	23.01	24.50				
50		25	22.97	22.92	23.02	24.50				
16QAM	50	50	22.82	23.03	22.99	24.50				
	100	0	23.07	22.97	23.03	24.50				

		1	99	23.06	23.00	23.09	24.50
		50	0	21.98	22.21	21.99	23.50
		50	25	22.01	22.06	22.17	23.50
		50	50	22.03	22.02	22.21	23.50
		100	0	22.05	21.86	22.05	23.50
	64QAM	1	0	22.02	21.99	22.05	23.50
		1	50	21.76	21.84	21.96	23.50
		1	99	21.99	21.87	21.98	23.50
		50	0	21.28	21.44	21.39	22.50
		50	25	21.40	21.34	21.37	22.50
		50	50	21.30	21.29	21.33	22.50
		100	0	21.27	21.35	21.40	22.50

LTE Band 7 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.51	21.60	21.59	22.50
		1	13	21.51	21.49	21.64	22.50
		1	24	21.51	21.57	21.59	22.50
		12	0	21.59	21.64	21.60	22.50
		12	6	21.53	21.57	21.53	22.50
		12	13	21.50	21.50	21.53	22.50
	16QAM	25	0	21.52	21.52	21.54	22.50
		1	0	21.50	21.48	21.64	22.50
		1	13	21.57	21.56	21.56	22.50
		1	24	21.54	21.48	21.56	22.50
		12	0	21.46	21.55	21.50	22.50
		12	6	21.53	21.45	21.54	22.50
		12	13	21.47	21.58	21.56	22.50
	64QAM	25	0	21.55	21.47	21.53	22.50
		1	0	21.53	21.63	21.46	22.50
		1	13	21.52	21.46	21.60	22.50
		1	24	21.52	21.62	21.60	22.50
		12	0	21.53	21.56	21.54	22.50
		12	6	21.49	21.55	21.53	22.50
		12	13	21.50	21.50	21.60	22.50
	25	0	21.55	21.51	21.64	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	20800	21100	21400			
		1	0	21.48	21.65	21.47	22.50
		1	25	21.54	21.50	21.54	22.50
		1	49	21.51	21.61	21.51	22.50
		25	0	21.60	21.67	21.62	22.50
		25	13	21.47	21.53	21.49	22.50
		25	25	21.52	21.45	21.53	22.50
	16QAM	50	0	21.43	21.63	21.49	22.50
		1	0	21.43	21.56	21.54	22.50
		1	25	21.57	21.61	21.59	22.50
		1	49	21.52	21.53	21.60	22.50
		25	0	21.44	21.55	21.46	22.50
		25	13	21.55	21.56	21.58	22.50

		25	25	21.47	21.53	21.55	22.50	
		50	0	21.54	21.46	21.60	22.50	
	64QAM	1	0	21.52	21.55	21.48	22.50	
		1	25	21.46	21.48	21.55	22.50	
		1	49	21.50	21.52	21.57	22.50	
		25	0	21.52	21.58	21.57	22.50	
		25	13	21.53	21.54	21.52	22.50	
		25	25	21.49	21.56	21.56	22.50	
		50	0	21.51	21.57	21.61	22.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375		
15MHz	QPSK	1	0	21.43	21.64	21.57	22.50	
		1	38	21.47	21.54	21.61	22.50	
		1	74	21.48	21.60	21.51	22.50	
		36	0	21.57	21.67	21.61	22.50	
		36	18	21.55	21.61	21.48	22.50	
		36	39	21.47	21.51	21.64	22.50	
		75	0	21.46	21.64	21.56	22.50	
	16QAM	1	0	21.53	21.51	21.52	22.50	
		1	38	21.57	21.56	21.53	22.50	
		1	74	21.52	21.50	21.56	22.50	
		36	0	21.55	21.62	21.50	22.50	
		36	18	21.49	21.44	21.51	22.50	
		36	39	21.51	21.53	21.52	22.50	
		75	0	21.58	21.49	21.54	23.50	
	64QAM	1	0	21.50	21.58	21.55	23.50	
		1	38	21.44	21.52	21.64	23.50	
		1	74	21.47	21.58	21.55	23.50	
		36	0	21.56	21.54	21.57	22.50	
		36	18	21.52	21.52	21.63	22.50	
		36	39	21.51	21.59	21.56	22.50	
		75	0	21.58	21.52	21.54	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	21.48	21.72	21.59	22.50
1			50	21.54	21.49	21.52	22.50	
1			99	21.59	21.55	21.60	22.50	
50			0	21.47	21.68	21.52	22.50	
50			25	21.43	21.62	21.47	22.50	
50			50	21.51	21.48	21.54	22.50	
100			0	21.53	21.53	21.53	22.50	
16QAM		1	0	21.52	21.49	21.57	22.50	
		1	50	21.47	21.56	21.51	22.50	
		1	99	21.55	21.56	21.64	22.50	
		50	0	21.52	21.62	21.53	22.50	
		50	25	21.48	21.45	21.63	22.50	
		50	50	21.53	21.60	21.58	22.50	
		100	0	21.52	21.57	21.56	22.50	
64QAM		1	0	21.48	21.57	21.48	22.50	
		1	50	21.48	21.48	21.59	22.50	
		1	99	21.50	21.62	21.55	22.50	
		50	0	21.52	21.52	21.52	22.50	
		50	25	21.45	21.45	21.57	22.50	
		50	50	21.49	21.56	21.57	22.50	
		100	0	21.52	21.48	21.58	22.50	

LTE Band 66				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.42	23.39	23.48	24.20	
		1	2	23.34	23.43	23.43	24.20	
		1	5	23.45	23.40	23.43	24.20	
		3	0	22.45	22.54	22.45	23.20	
		3	1	22.51	22.48	22.60	23.20	
		3	3	22.39	22.54	22.52	23.20	
	16QAM	6	0	22.53	22.72	22.58	23.20	
		1	0	22.56	22.46	22.61	23.20	
		1	2	22.41	22.65	22.39	23.20	
		1	5	22.53	22.59	22.49	23.20	
		3	0	21.59	21.68	21.53	22.20	
		3	1	21.54	21.58	21.58	22.20	
	64QAM	3	3	21.58	21.58	21.69	22.20	
		6	0	21.54	21.44	21.52	22.20	
		1	0	21.54	21.46	21.64	22.20	
		1	2	21.25	21.32	21.42	22.20	
		1	5	21.41	21.36	21.46	22.20	
		3	0	20.83	20.88	20.86	22.20	
	3MHz	QPSK	3	1	20.83	20.87	20.82	22.20
			3	3	20.83	20.83	20.87	22.20
			6	0	20.84	20.83	20.86	21.20
1			0	23.43	23.43	23.47	24.20	
1			7	23.29	23.49	23.42	24.20	
1			14	23.37	23.37	23.41	24.20	
16QAM		8	0	22.45	22.54	22.46	23.20	
		8	4	22.43	22.47	22.55	23.20	
		8	7	22.38	22.55	22.56	23.20	
		15	0	22.51	22.74	22.52	23.20	
		1	0	22.56	22.50	22.60	23.20	
		1	7	22.42	22.65	22.45	23.20	
64QAM	1	14	22.50	22.64	22.50	23.20		
	8	0	21.58	21.64	21.49	22.20		
	8	4	21.59	21.51	21.59	22.20		
	8	7	21.57	21.49	21.72	22.20		
	15	0	21.56	21.39	21.51	22.20		
	1	0	21.47	21.51	21.67	22.20		
5MHz	QPSK	1	7	21.31	21.28	21.41	22.20	
		1	14	21.40	21.33	21.51	22.20	
		8	0	20.85	20.86	20.89	21.20	
		8	4	20.81	20.84	20.84	21.20	
		8	7	20.80	20.83	20.84	21.20	
		15	0	20.81	20.89	20.87	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	23.43	23.46	23.47	24.20	
		1	13	23.32	23.43	23.44	24.20	
		1	24	23.41	23.39	23.41	24.20	

		12	0	22.42	22.60	22.47	23.20	
		12	6	22.44	22.43	22.54	23.20	
		12	13	22.34	22.56	22.55	23.20	
		25	0	22.50	22.69	22.52	23.20	
		16QAM	1	0	22.55	22.50	22.65	23.20
			1	13	22.38	22.60	22.44	23.20
			1	24	22.51	22.64	22.53	23.20
			12	0	21.59	21.68	21.54	22.20
	64QAM	12	6	21.57	21.53	21.61	22.20	
		12	13	21.52	21.53	21.75	22.20	
		25	0	21.55	21.39	21.52	22.20	
		1	0	21.46	21.43	21.68	22.20	
		1	13	21.32	21.31	21.44	22.20	
		1	24	21.42	21.39	21.49	22.20	
		12	0	20.85	20.84	20.83	21.20	
		12	6	20.84	20.83	20.89	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622		
10MHz	QPSK	1	0	23.42	23.38	23.41	24.20	
		1	25	23.28	23.44	23.47	24.20	
		1	49	23.40	23.44	23.41	24.20	
		25	0	22.45	22.52	22.48	23.20	
		25	13	22.50	22.48	22.57	23.20	
		25	25	22.41	22.50	22.52	23.20	
		50	0	22.52	22.73	22.49	23.20	
		16QAM	1	0	22.51	22.47	22.64	23.20
	1		25	22.34	22.66	22.43	23.20	
	1		49	22.54	22.63	22.49	23.20	
	25		0	21.57	21.69	21.51	22.20	
	25		13	21.55	21.55	21.60	22.20	
	25		25	21.56	21.54	21.77	22.20	
	50		0	21.58	21.41	21.51	22.20	
	64QAM		1	0	21.49	21.49	21.68	22.20
		1	25	21.27	21.26	21.47	22.20	
		1	49	21.38	21.32	21.52	22.20	
		25	0	20.81	20.83	20.82	21.20	
		25	13	20.85	20.87	20.88	21.20	
		25	25	20.87	20.91	20.87	21.20	
		50	0	20.88	20.90	20.87	21.20	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	132047					132322	132597	
	15MHz	QPSK	1	0	23.39	23.38	23.44	24.20
1			38	23.34	23.42	23.45	24.20	
1			74	23.38	23.46	23.39	24.20	
36			0	22.48	22.54	22.52	23.20	
36			18	22.46	22.45	22.54	23.20	
36			39	22.40	22.50	22.54	23.20	
75			0	22.56	22.75	22.56	23.20	
16QAM		1	0	22.53	22.49	22.67	23.20	
		1	38	22.38	22.65	22.40	23.20	
		1	74	22.49	22.62	22.48	23.20	
		36	0	21.57	21.71	21.48	22.20	
		36	18	21.52	21.56	21.60	22.20	
		36	39	21.57	21.57	21.68	22.20	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	64QAM	75	0	21.56	21.42	21.52	22.20	
		1	0	21.48	21.46	21.69	22.20	
		1	38	21.26	21.31	21.48	22.20	
		1	74	21.43	21.34	21.51	22.20	
		36	0	20.82	20.83	20.81	21.20	
		36	18	20.84	20.86	20.85	21.20	
		36	39	20.81	20.88	20.88	21.20	
	75	0	20.86	20.90	20.82	21.20		
	20MHz	QPSK	1	0	23.41	23.54	23.44	24.20
			1	50	23.30	23.48	23.42	24.20
			1	99	23.36	23.43	23.38	24.20
			50	0	22.44	22.58	22.48	23.20
			50	25	22.46	22.44	22.57	23.20
			50	50	22.38	22.55	22.56	23.20
			100	0	22.56	22.73	22.56	23.20
		16QAM	1	0	22.57	22.49	22.60	23.20
			1	50	22.35	22.64	22.45	23.20
			1	99	22.52	22.58	22.48	23.20
			50	0	21.60	21.65	21.52	22.20
			50	25	21.53	21.50	21.63	22.20
			50	50	21.51	21.57	21.76	22.20
			100	0	21.52	21.44	21.53	22.20
		64QAM	1	0	21.52	21.45	21.61	22.20
			1	50	21.33	21.27	21.41	22.20
			1	99	21.42	21.35	21.50	22.20
			50	0	20.82	20.88	20.83	21.20
			50	25	20.82	20.90	20.84	21.20
			50	50	20.88	20.84	20.84	21.20
100			0	20.87	20.83	20.87	21.20	

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.19	23.23	23.25	24.30
		1	13	23.12	23.25	23.25	24.30
		1	24	23.20	23.21	23.17	24.30
		12	0	22.27	22.33	22.30	23.30
		12	6	22.45	22.26	22.38	23.30
		12	13	22.40	22.33	22.36	23.30
		25	0	22.32	22.43	22.38	23.30
	16QAM	1	0	22.34	22.29	22.43	23.30
		1	13	22.19	22.41	22.19	23.30
		1	24	22.34	22.38	22.32	23.30
		12	0	21.41	21.42	21.36	22.30
		12	6	21.38	21.33	21.39	22.30
		12	13	21.33	21.36	21.48	22.30
		25	0	21.41	21.24	21.37	22.30
	64QAM	1	0	21.28	21.23	21.39	22.30
		1	13	21.10	21.09	21.22	22.30
		1	24	21.18	21.14	21.24	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	12	0	20.50	20.55	20.53	21.30
		12	6	20.41	20.45	20.45	21.30
		12	13	20.64	20.63	20.60	21.30
		25	0	20.68	20.67	20.67	21.30
		1	0	23.22	23.26	23.22	24.30
		1	25	23.11	23.22	23.20	24.30
	16QAM	1	49	23.20	23.25	23.18	24.30
		25	0	22.30	22.36	22.33	23.30
		25	13	22.41	22.26	22.37	23.30
		25	25	22.42	22.29	22.34	23.30
		50	0	22.31	22.44	22.33	23.30
		1	0	22.31	22.27	22.36	23.30
	64QAM	1	25	22.14	22.40	22.14	23.30
		1	49	22.31	22.39	22.34	23.30
		25	0	21.36	21.43	21.34	22.30
		25	13	21.38	21.36	21.35	22.30
25		25	21.36	21.36	21.49	22.30	
50		0	21.40	21.22	21.31	22.30	
15MHz	QPSK	1	0	21.33	21.26	21.42	22.30
		1	25	21.08	21.08	21.21	22.30
		1	49	21.18	21.11	21.27	22.30
		25	0	20.51	20.58	20.50	21.30
		25	13	20.41	20.46	20.45	21.30
		25	25	20.68	20.61	20.59	21.30
20MHz	QPSK	50	0	20.61	20.68	20.62	21.30
		37825		38000	38175		
		1	0	23.21	23.23	23.26	24.30
		1	38	23.09	23.22	23.23	24.30
		1	74	23.19	23.19	23.19	24.30
		36	0	22.25	22.34	22.28	23.30
		36	18	22.42	22.23	22.38	23.30
		36	39	22.39	22.32	22.32	23.30
		75	0	22.34	22.45	22.36	23.30
	16QAM	1	0	22.34	22.25	22.36	23.30
		1	38	22.18	22.43	22.17	23.30
		1	74	22.32	22.38	22.29	23.30
		36	0	21.38	21.44	21.30	22.30
		36	18	21.38	21.33	21.41	22.30
		36	39	21.34	21.34	21.49	22.30
	64QAM	75	0	21.41	21.21	21.36	22.30
		1	0	21.34	21.23	21.41	22.30
		1	38	21.12	21.11	21.20	22.30
1		74	21.18	21.12	21.28	22.30	
36		0	20.57	20.60	20.51	21.30	
36		18	20.39	20.45	20.47	21.30	
20MHz	QPSK	36	39	20.67	20.64	20.56	21.30
		75	0	20.62	20.65	20.62	21.30
		37850		38000	38150		

		50	25	22.42	22.23	22.37	23.30
		50	50	22.42	22.33	22.37	23.30
		100	0	22.29	22.47	22.37	23.30
	16QAM	1	0	22.30	22.30	22.39	23.30
		1	50	22.17	22.40	22.16	23.30
		1	99	22.32	22.40	22.34	23.30
		50	0	21.40	21.48	21.35	22.30
		50	25	21.35	21.33	21.37	22.30
		50	50	21.37	21.36	21.46	22.30
		100	0	21.37	21.24	21.34	22.30
	64QAM	1	0	21.29	21.28	21.40	22.30
		1	50	21.11	21.06	21.21	22.30
		1	99	21.19	21.18	21.22	22.30
		50	0	20.54	20.57	20.54	21.30
		50	25	20.43	20.45	20.44	21.30
		50	50	20.66	20.68	20.56	21.30
		100	0	20.61	20.69	20.65	21.30

LTE Band 38 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.24	22.31	22.19	23.30
		1	13	22.02	22.28	22.24	23.30
		1	24	22.23	22.23	22.21	23.30
		12	0	22.04	22.21	22.18	23.30
		12	6	22.21	22.14	22.26	23.30
		12	13	22.03	22.26	22.26	23.30
		25	0	22.28	22.17	22.21	23.30
	16QAM	1	0	22.28	22.09	22.34	23.30
		1	13	22.12	22.30	22.04	23.30
		1	24	22.19	22.29	22.25	23.30
		12	0	21.27	21.33	21.23	22.30
		12	6	21.34	21.26	21.29	22.30
		12	13	21.29	21.20	21.41	22.30
		25	0	21.19	21.06	21.15	22.30
	64QAM	1	0	21.25	21.14	21.33	22.30
		1	13	21.01	21.02	21.11	22.30
		1	24	21.06	20.96	21.11	22.30
		12	0	20.51	20.57	20.56	21.30
		12	6	20.57	20.62	20.47	21.30
		12	13	20.51	20.53	20.61	21.30
		25	0	20.52	20.52	20.52	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.26	22.32	22.21	23.30
		1	25	22.04	22.35	22.17	23.30
		1	49	22.13	22.13	22.25	23.30
		25	0	22.15	22.21	22.15	23.30
		25	13	22.21	22.08	22.25	23.30
		25	25	22.01	22.17	22.23	23.30
		50	0	22.22	22.10	22.14	23.30
	16QAM	1	0	22.28	22.17	22.35	23.30

		1	25	22.09	22.19	22.10	23.30	
		1	49	22.21	22.27	22.26	23.30	
		25	0	21.27	21.32	21.19	22.30	
		25	13	21.31	21.24	21.32	22.30	
		25	25	21.22	21.22	21.43	22.30	
		50	0	21.22	21.02	21.13	22.30	
	64QAM	1	0	21.20	21.22	21.25	22.30	
		1	25	20.95	20.96	21.13	22.30	
		1	49	21.11	20.99	21.13	22.30	
		25	0	20.52	20.62	20.53	21.30	
		25	13	20.53	20.61	20.54	21.30	
		25	25	20.48	20.57	20.51	21.30	
		50	0	20.53	20.55	20.57	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	22.16	22.34	22.22	23.30	
		1	38	21.96	22.35	22.19	23.30	
		1	74	22.11	22.17	22.17	23.30	
		36	0	22.11	22.26	22.18	23.30	
		36	18	22.20	22.14	22.18	23.30	
		36	39	22.02	22.20	22.19	23.30	
			75	0	22.20	22.15	22.15	23.30
		16QAM	1	0	22.19	22.14	22.35	23.30
			1	38	22.05	22.22	22.04	23.30
			1	74	22.21	22.20	22.20	23.30
			36	0	21.19	21.37	21.29	22.30
			36	18	21.26	21.20	21.39	22.30
			36	39	21.34	21.22	21.47	22.30
			75	0	21.24	21.08	21.24	22.30
		64QAM	1	0	21.25	21.13	21.31	22.30
			1	38	20.98	21.03	21.18	22.30
			1	74	21.12	21.05	21.17	22.30
			36	0	20.50	20.64	20.50	21.30
			36	18	20.51	20.58	20.59	21.30
			36	39	20.45	20.55	20.60	21.30
			75	0	20.57	20.55	20.64	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	22.23	22.39	22.16	23.30	
		1	50	22.08	22.32	22.22	23.30	
		1	99	22.18	22.18	22.22	23.30	
		50	0	22.13	22.31	22.22	23.30	
		50	25	22.18	22.04	22.24	23.30	
		50	50	22.01	22.15	22.23	23.30	
		100	0	22.29	22.09	22.17	23.30	
		16QAM	1	0	22.28	22.20	22.36	23.30
			1	50	22.09	22.30	22.12	23.30
			1	99	22.21	22.24	22.27	23.30
			50	0	21.19	21.31	21.17	22.30
			50	25	21.29	21.26	21.33	22.30
			50	50	21.33	21.24	21.48	22.30
			100	0	21.27	21.01	21.18	22.30
		64QAM	1	0	21.23	21.17	21.24	22.30
			1	50	20.95	20.93	21.12	22.30
			1	99	21.11	21.07	21.09	22.30
			50	0	20.52	20.56	20.58	21.30

Bandwidth	Modulation	RB size	RB offset	39725	40173	40620	41068	41515	Tune up	
				Channel	Channel	Channel	Channel	Channel		
15MHz	QPSK	1	0	23.62	23.63	23.63	23.63	23.69	24.30	
		1	38	23.49	23.62	23.48	23.66	23.61	24.30	
		1	74	23.57	23.57	23.64	23.59	23.61	24.30	
		36	0	22.68	22.76	22.69	22.72	22.69	23.30	
		36	18	22.65	22.65	22.71	22.66	22.76	23.30	
		36	39	22.55	22.75	22.62	22.70	22.70	23.30	
		75	0	22.69	22.94	22.71	22.87	22.74	23.30	
	16QAM	1	0	22.74	22.70	22.77	22.63	22.81	23.30	
		1	38	22.60	22.81	22.54	22.79	22.63	23.30	
		1	74	22.73	22.80	22.68	22.81	22.68	23.30	
		36	0	21.75	21.89	21.78	21.89	21.75	22.30	
		36	18	21.79	21.72	21.74	21.74	21.80	22.30	
		36	39	21.78	21.76	21.75	21.77	21.97	22.30	
		75	0	21.78	21.64	21.73	21.57	21.75	22.30	
	64QAM	1	0	21.73	21.67	21.73	21.70	21.88	22.30	
		1	38	21.47	21.46	21.46	21.47	21.67	22.30	
		1	74	21.59	21.59	21.62	21.52	21.70	22.30	
		36	0	21.08	21.04	21.02	21.05	21.04	21.30	
		36	18	21.06	21.02	21.07	21.03	21.03	21.30	
		36	39	21.04	21.06	21.08	21.06	21.01	21.30	
		75	0	21.04	21.09	21.00	21.03	21.08	21.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	23.59	23.62	23.82	23.64	23.62	24.30
1			50	23.54	23.63	23.54	23.65	23.66	24.30	
1			99	23.58	23.65	23.61	23.62	23.61	24.30	
50			0	22.62	22.74	22.76	22.74	22.65	23.30	
50			25	22.65	22.65	22.65	22.64	22.74	23.30	
50			50	22.60	22.72	22.58	22.75	22.71	23.30	
100			0	22.70	22.91	22.69	22.94	22.73	23.30	
16QAM		1	0	22.70	22.69	22.71	22.69	22.80	23.30	
		1	50	22.61	22.85	22.55	22.84	22.60	23.30	
		1	99	22.68	22.77	22.68	22.83	22.73	23.30	
		50	0	21.77	21.92	21.76	21.89	21.74	22.30	
		50	25	21.79	21.69	21.76	21.75	21.85	22.30	
		50	50	21.80	21.69	21.74	21.76	21.93	22.30	
		100	0	21.75	21.64	21.72	21.63	21.73	22.30	
64QAM		1	0	21.70	21.69	21.71	21.63	21.88	22.30	
		1	50	21.53	21.53	21.51	21.49	21.65	22.30	
		1	99	21.62	21.53	21.58	21.56	21.69	22.30	
		50	0	21.05	21.08	21.05	21.02	21.07	21.30	
		50	25	21.08	21.03	21.04	21.07	21.06	21.30	
		50	50	21.08	21.03	21.07	21.03	21.05	21.30	
		100	0	21.01	21.04	21.06	21.04	21.05	21.30	

LTE Band 41 Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.67	22.75	22.73	22.74	22.70	23.30
		1	13	22.47	22.83	22.49	22.83	22.71	23.30
		1	24	22.71	22.73	22.66	22.74	22.67	23.30

		12	0	22.55	22.78	22.61	22.68	22.66	23.30
		12	6	22.61	22.59	22.70	22.57	22.72	23.30
		12	13	22.49	22.66	22.55	22.71	22.71	23.30
		25	0	22.71	22.59	22.74	22.66	22.75	23.30
	16QAM	1	0	22.71	22.69	22.69	22.69	22.75	23.30
		1	13	22.60	22.68	22.57	22.80	22.59	23.30
		1	24	22.72	22.75	22.67	22.70	22.78	23.30
		12	0	20.78	20.90	20.81	21.01	20.83	22.30
		12	6	20.81	20.84	20.82	20.79	20.93	22.30
		12	13	20.83	20.87	20.82	20.84	21.01	22.30
		25	0	20.88	20.66	20.83	20.67	20.85	22.30
	64QAM	1	0	20.82	20.79	20.82	20.84	20.93	22.30
		1	13	20.55	20.57	20.58	20.64	20.76	22.30
		1	24	20.71	20.62	20.71	20.62	20.75	22.30
		12	0	20.10	20.15	20.20	20.24	20.21	21.30
		12	6	20.17	20.22	20.08	20.17	20.17	21.30
		12	13	20.09	20.10	20.05	20.19	20.11	21.30
		25	0	20.12	20.18	20.18	20.14	20.19	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.77	22.80	22.65	22.81	22.74	23.30
		1	25	22.54	22.82	22.55	22.77	22.78	23.30
		1	49	22.68	22.62	22.72	22.70	22.73	23.30
		25	0	22.62	22.70	22.55	22.69	22.63	23.30
		25	13	22.72	22.64	22.68	22.57	22.76	23.30
		25	25	22.60	22.71	22.54	22.67	22.75	23.30
		50	0	22.79	22.61	22.71	22.68	22.63	23.30
	16QAM	1	0	22.70	22.69	22.73	22.62	22.74	23.30
		1	25	22.56	22.76	22.51	22.71	22.60	23.30
		1	49	22.69	22.80	22.75	22.72	22.76	23.30
		25	0	20.75	20.97	20.80	20.92	20.85	22.30
		25	13	20.91	20.77	20.83	20.82	20.98	22.30
		25	25	20.95	20.84	20.83	20.79	21.08	22.30
		50	0	20.88	20.66	20.80	20.64	20.84	22.30
	64QAM	1	0	20.78	20.76	20.78	20.84	20.83	22.30
		1	25	20.53	20.63	20.63	20.61	20.79	22.30
		1	49	20.73	20.58	20.75	20.64	20.76	22.30
		25	0	20.17	20.14	20.07	20.21	20.20	21.30
		25	13	20.11	20.13	20.17	20.15	20.14	21.30
		25	25	20.04	20.13	20.12	20.21	20.11	21.30
50		0	20.06	20.12	20.15	20.08	20.19	21.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.76	22.81	22.76	22.74	22.71	23.30
		1	38	22.56	22.80	22.49	22.80	22.69	23.30
		1	74	22.69	22.63	22.65	22.68	22.69	23.30
		36	0	22.65	22.71	22.57	22.68	22.70	23.30
		36	18	22.70	22.64	22.62	22.57	22.72	23.30
		36	39	22.61	22.72	22.50	22.75	22.73	23.30
		75	0	22.70	22.62	22.76	22.63	22.62	23.30
	16QAM	1	0	22.71	22.68	22.69	22.65	22.72	23.30
		1	38	22.60	22.69	22.51	22.71	22.61	23.30
		1	74	22.75	22.79	22.69	22.75	22.75	23.30
		36	0	20.77	20.90	20.82	20.96	20.83	22.30
		36	18	20.84	20.80	20.92	20.88	20.97	22.30
		36	39	20.88	20.80	20.93	20.85	21.01	22.30

		75	0	20.80	20.64	20.79	20.70	20.77	22.30
	64QAM	1	0	20.75	20.77	20.82	20.83	20.93	22.30
		1	38	20.56	20.56	20.53	20.62	20.73	22.30
		1	74	20.67	20.66	20.68	20.67	20.72	22.30
		36	0	20.14	20.13	20.10	20.20	20.21	21.30
		36	18	20.17	20.16	20.15	20.21	20.13	21.30
		36	39	20.09	20.09	20.02	20.12	20.09	21.30
		75	0	20.10	20.16	20.12	20.16	20.21	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.67	22.82	22.84	22.82	22.74	23.30
		1	50	22.56	22.74	22.51	22.78	22.72	23.30
		1	99	22.63	22.68	22.72	22.71	22.65	23.30
		50	0	22.62	22.73	22.76	22.72	22.59	23.30
		50	25	22.60	22.62	22.65	22.66	22.70	23.30
		50	50	22.61	22.65	22.50	22.68	22.73	23.30
	16QAM	100	0	22.74	22.72	22.78	22.67	22.68	23.30
		1	0	22.70	22.71	22.76	22.70	22.68	23.30
		1	50	22.57	22.75	22.52	22.81	22.55	23.30
		1	99	22.75	22.79	22.74	22.82	22.69	23.30
		50	0	20.82	20.89	20.86	20.93	20.77	22.30
		50	25	20.86	20.88	20.83	20.76	20.87	22.30
	64QAM	50	50	20.84	20.76	20.88	20.82	20.99	22.30
		100	0	20.84	20.69	20.90	20.73	20.80	22.30
		1	0	20.75	20.74	20.85	20.79	20.88	22.30
		1	50	20.63	20.58	20.62	20.54	20.80	22.30
		1	99	20.68	20.55	20.72	20.57	20.79	22.30
		50	0	20.15	20.19	20.19	20.17	20.15	21.30
		50	25	20.11	20.13	20.15	20.12	20.09	21.30
		50	50	20.05	20.22	20.07	20.15	20.11	21.30
		100	0	20.17	20.18	20.13	20.06	20.21	21.30

9 Conducted Power of LTE Uplink CA

9.1 Conducted Power of LTE Uplink CA(Ant0)

CA_7C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.74	25.50
21100	20902	QPSK	1	0	1	99	2	0	24.69	25.50
21350	21152	QPSK	1	0	1	99	2	0	24.72	25.50
20850	21048	QPSK	50	0	0	0	1	0	23.66	24.50
21100	20902	QPSK	50	0	1	49	2	0	23.69	24.50
21350	21152	QPSK	50	0	1	49	2	0	23.62	24.50

CA_7C Sensor on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	20.89	21.50
21100	20902	QPSK	1	0	1	99	2	0	20.82	21.50
21350	21152	QPSK	1	0	1	99	2	0	20.84	21.50
20850	21048	QPSK	50	0	0	0	1	0	20.71	21.50
21100	20902	QPSK	50	0	1	49	2	0	20.79	21.50
21350	21152	QPSK	50	0	1	49	2	0	20.75	21.50

CA_38C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.22	25.50
37901	38099	QPSK	1	0	0	0	1	0	24.32	25.50
38150	37952	QPSK	1	0	1	99	2	0	24.34	25.50

9.2 Conducted Power of LTE Uplink CA(Ant1)

CA_7C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.58	24.70
21100	20902	QPSK	1	0	1	99	2	0	23.67	24.70
21350	21152	QPSK	1	0	1	99	2	0	23.69	24.70
20850	21048	QPSK	50	0	0	0	1	0	23.45	23.70
21100	20902	QPSK	50	0	1	49	2	0	23.58	23.70
21350	21152	QPSK	50	0	1	49	2	0	23.54	23.70

CA_7C Receiver on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	13.65	14.70
21100	20902	QPSK	1	0	1	99	2	0	13.79	14.70
21350	21152	QPSK	1	0	1	99	2	0	13.77	14.70
20850	21048	QPSK	50	0	0	0	1	0	13.64	14.70
21100	20902	QPSK	50	0	1	49	2	0	13.77	14.70
21350	21152	QPSK	50	0	1	49	2	0	13.68	14.70

CA_7C Sensor on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.69	18.70
21100	20902	QPSK	1	0	1	99	2	0	17.79	18.70
21350	21152	QPSK	1	0	1	99	2	0	17.82	18.70

CA_38C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				

Channel	Channel		RB Size	RB offset	RB Size	RB offset			Power (dBm)	Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	23.24	25.00
37901	38099	QPSK	1	0	0	0	1	0	23.32	25.00
38150	37952	QPSK	1	0	1	99	2	0	23.29	25.00

CA_38C Receiver on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	15.32	17.00
37901	38099	QPSK	1	0	0	0	1	0	15.45	17.00
38150	37952	QPSK	1	0	1	99	2	0	15.43	17.00
37850	38048	QPSK	50	0	0	0	1	0	15.27	17.00
37901	38099	QPSK	50	0	1	49	2	0	15.43	17.00
38150	37952	QPSK	1	0	1	99	2	0	15.38	17.00

CA_38C Sensor on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	20.32	22.00
37901	38099	QPSK	1	0	0	0	1	0	20.38	22.00
38150	37952	QPSK	1	0	1	99	2	0	20.41	22.00

9.3 Conducted Power of LTE Uplink CA(Ant2)

CA_7C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.43	25.60
21100	20902	QPSK	1	0	1	99	2	0	24.53	25.60
21350	21152	QPSK	1	0	1	99	2	0	24.47	25.60

CA_7C Receiver on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.49	18.60
21100	20902	QPSK	1	0	1	99	2	0	17.65	18.60
21350	21152	QPSK	1	0	1	99	2	0	17.56	18.60
20850	21048	QPSK	50	0	0	0	1	0	17.45	18.60
21100	20902	QPSK	50	0	1	49	2	0	17.62	18.60
21350	21152	QPSK	50	0	1	49	2	0	17.55	18.60

CA_7C Sensor on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	20.52	21.60
21100	20902	QPSK	1	0	1	99	2	0	20.63	21.60
21350	21152	QPSK	1	0	1	99	2	0	20.54	21.60

CA_7C Receiver off										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.00	24.10
21100	20902	QPSK	1	0	1	99	2	0	23.12	24.10
21350	21152	QPSK	1	0	1	99	2	0	23.05	24.10

CA_38C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.15	25.70
37901	38099	QPSK	1	0	0	0	1	0	24.23	25.70
38150	37952	QPSK	1	0	1	99	2	0	24.26	25.70

CA_38C Receiver on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	20.74	21.70
37901	38099	QPSK	1	0	0	0	1	0	20.81	21.70
38150	37952	QPSK	1	0	1	99	2	0	20.79	21.70
37850	38048	QPSK	50	0	0	0	1	0	20.71	21.70
37901	38099	QPSK	50	0	1	49	1	0	20.79	21.70
38150	37952	QPSK	50	0	1	49	2	0	20.73	21.70

CA_38C Sensor on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	21.80	23.20
37901	38099	QPSK	1	0	0	0	1	0	21.86	23.20
38150	37952	QPSK	1	0	1	99	2	0	21.84	23.20

CA_38C Receiver off										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	22.75	24.20
37901	38099	QPSK	1	0	0	0	1	0	22.81	24.20
38150	37952	QPSK	1	0	1	99	2	0	22.84	24.20
37850	38048	QPSK	1	0	0	0	1	0	22.73	24.20

37901	38099	QPSK	1	0	0	0	1	0	22.78	24.20
38150	37952	QPSK	1	0	1	99	2	0	22.74	24.20

9.4 Conducted Power of LTE Uplink CA(Ant3)

CA_7C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	23.02	24.10
21100	20902	QPSK	1	0	1	99	2	0	23.07	24.10
21350	21152	QPSK	1	0	1	99	2	0	23.11	24.10

CA_7C Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	19.60	20.60
21100	20902	QPSK	1	0	1	99	2	0	19.69	20.60
21350	21152	QPSK	1	0	1	99	2	0	19.75	20.60
20850	21048	QPSK	50	0	0	0	1	0	19.55	20.60
21100	20902	QPSK	50	0	1	49	2	0	19.63	20.60
21350	21152	QPSK	50	0	1	49	2	0	19.61	20.60

CA_7C Receiver off/Sensor on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.96	18.10
21100	20902	QPSK	1	0	1	99	2	0	17.07	18.10
21350	21152	QPSK	1	0	1	99	2	0	16.93	18.10

CA_38C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured	Tune up
			RB Size	RB offset	RB Size	RB offset				

Channel	Channel		RB Size	RB offset	RB Size	RB offset			Power (dBm)	Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	22.87	24.50
37901	38099	QPSK	1	0	0	0	1	0	22.84	24.50
38150	37952	QPSK	1	0	1	99	2	0	22.79	24.50

CA_38C Receiver on/Hotspot on										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	19.95	21.50
37901	38099	QPSK	1	0	0	0	1	0	19.91	21.50
38150	37952	QPSK	1	0	1	99	2	0	19.92	21.50
37850	38048	QPSK	50	0	0	0	1	0	19.83	21.50
37901	38099	QPSK	50	0	1	49	2	0	19.87	21.50
38150	37952	QPSK	50	0	1	49	2	0	19.81	21.50

CA_38C Receiver off										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	21.02	22.50
37901	38099	QPSK	1	0	0	0	1	0	20.92	22.50
38150	37952	QPSK	1	0	1	99	2	0	20.85	22.50

10 Conducted Power of LTE Downlink CA

CA List	PCC								SCC				SCC				Power					
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-12A	Band 2	0	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095									23.39	23.56
CA_2A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095									24.54	24.75
CA_2A-17A	Band 2	0	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790									23.22	23.45
CA_2A-17A	Band 2	1	10M	1880	18900	QPSK	1	0	Band 17	10M	740	5790									24.5	24.67
CA_2A-66A	Band 2	0	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886									23.35	23.45
CA_2A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886									24.53	24.67
CA_4A(4X4MIMO)-12A	Band 4	0	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095									24.46	24.57
CA_4A(4X4MIMO)-12A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095									23.81	23.94
CA_4A(4X4MIMO)-12A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095									24.32	24.44
CA_4A(4X4MIMO)-12A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095									23.02	23.12
CA_4A(4X4MIMO)-17A	Band 4	0	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790									24.24	24.46
CA_4A(4X4MIMO)-17A	Band 4	1	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790									23.71	23.91
CA_4A(4X4MIMO)-17A	Band 4	2	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790									24.21	24.37
CA_4A(4X4MIMO)-17A	Band 4	3	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790									22.88	23.05
CA_5A-41A(4X4MIMO)	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620									24.34	24.55
CA_5A-41A(4X4MIMO)	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620									23.89	24.09
CA_7A(4X4MIMO)-38A(4X4MIMO)	Band 7	0	20M	2535	21100	QPSK	1	0	Band 38	20M	2596	38000									24.95	25.09
CA_7A(4X4MIMO)-38A(4X4MIMO)	Band 7	1	20M	2535	21100	QPSK	1	0	Band 38	20M	2596	38000									23.75	23.96
CA_7A(4X4MIMO)-38A(4X4MIMO)	Band 7	2	20M	2535	21100	QPSK	1	0	Band 38	20M	2596	38000									24.76	24.96
CA_7A(4X4MIMO)-38A(4X4MIMO)	Band 7	3	20M	2535	21100	QPSK	1	0	Band 38	20M	2596	38000									23.4	23.56
CA_2C	Band 2	0	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098									23.39	23.56
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098									24.56	24.75
CA_38C(4X4MIMO)	Band 38	0	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099									24.61	24.75
CA_38C(4X4MIMO)	Band 38	1	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099									23.35	23.51
CA_38C(4X4MIMO)	Band 38	2	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099									24.54	24.75
CA_38C(4X4MIMO)	Band 38	3	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099									23.14	23.23
CA_66B(4X4MIMO)	Band 66	0	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979									24.35	24.46
CA_66B(4X4MIMO)	Band 66	1	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979									23.73	23.87
CA_66B(4X4MIMO)	Band 66	2	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979									24.29	24.42
CA_66B(4X4MIMO)	Band 66	3	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979									22.9	23.04
CA_66C(4X4MIMO)	Band 66	0	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084									24.46	24.56
CA_66C(4X4MIMO)	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084									23.86	23.97
CA_66C(4X4MIMO)	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084									24.28	24.48
CA_66C(4X4MIMO)	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084									22.9	23.1
CA_2A-2A	Band 2	0	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175									23.39	23.56

CA_2A-4A(4X4MIMO)-7C(4X4MIMO)	Band 2	1	20	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.64	24.75
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11 Conducted Power of NR Antenna

11.1 Conducted Power of NR Antenna (Ant0)

N5				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.11	24.14	24.14	25.50	
		1	53	24.33	24.27	24.28	25.50	
		1	104	24.10	24.17	24.18	25.50	
		50	0	23.90	23.90	23.89	25.00	
		50	28	24.49	24.51	24.45	25.50	
		50	56	23.83	23.88	23.81	25.00	
		100	0	23.83	23.79	23.80	25.00	
	DFT-s-OFDM QPSK	1	1	24.44	24.52	24.43	25.50	
		1	53	24.30	24.32	24.36	25.50	
		1	104	24.21	24.20	24.26	25.50	
		50	0	23.35	23.38	23.36	24.50	
		50	28	24.33	24.37	24.33	25.50	
		50	56	23.23	23.29	23.27	24.50	
	DFT-s-OFDM 16QAM	1	1	22.87	22.89	22.90	24.50	
		DFT-s-OFDM 64QAM	1	1	21.43	21.47	21.48	23.00
			DFT-s-OFDM 256QAM	1	1	20.07	20.04	20.07
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	CP-OFDM QPSK	1	1	344000	349500	355000	23.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	DFT-s-OFDM QPSK	1	1	343500	349500	355500	25.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349500	356000	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	342500	349500	356500	25.50	

N7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.10	24.08	24.09	25.50
		1	135	24.24	24.31	24.27	25.50
		1	268	24.15	24.10	24.18	25.50
		135	0	23.83	23.87	23.82	25.00
		135	67	24.47	24.51	24.49	25.50
		135	135	23.88	23.89	23.88	25.00
	DFT-s-OFDM QPSK	270	0	23.79	23.79	23.87	25.00
		1	1	24.41	24.54	24.41	25.50
		1	135	24.28	24.34	24.32	25.50
		1	268	24.25	24.26	24.22	25.50
		135	0	23.35	23.34	23.33	24.50
		135	67	24.34	24.36	24.34	25.50
	DFT-s-OFDM 16QAM	135	135	23.26	23.31	23.30	24.50
		270	0	23.26	23.26	23.28	24.50
		1	1	22.88	22.88	22.91	24.50
	DFT-s-OFDM 64QAM	1	1	21.50	21.49	21.49	23.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.06	20.09	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
50MHz	CP-OFDM QPSK	1	1	505000	507000	509000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	504000	507000	510000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.15	24.16	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.21	24.17	24.18	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.21	24.22	24.22	25.50

N7 SA&NSA Sensor on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.27	21.31	21.25	22.00	
		1	135	21.32	21.29	21.28	22.00	
		1	268	21.25	21.26	21.25	22.00	
		135	0	21.25	21.24	21.32	22.00	
		135	67	21.23	21.29	21.28	22.00	
		135	135	21.27	21.34	21.28	22.00	
		270	0	21.25	21.25	21.28	22.00	
	DFT-s-OFDM QPSK	1	1	21.26	21.27	21.24	22.00	
		1	135	21.29	21.37	21.28	22.00	
		1	268	21.25	21.26	21.31	22.00	
		135	0	21.27	21.30	21.31	22.00	
		135	67	21.23	21.51	21.29	22.00	
		135	135	21.31	21.43	21.29	22.00	
	DFT-s-OFDM 16QAM	1	1	21.26	21.27	21.25	22.00	
		1	1	21.31	21.27	21.29	22.00	
	DFT-s-OFDM 64QAM	1	1	21.31	21.27	21.29	22.00	
		1	1	20.02	20.05	20.11	21.00	
	DFT-s-OFDM 256QAM	1	1	20.02	20.05	20.11	21.00	
		1	1	20.02	20.05	20.11	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.26	21.27	21.25	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM QPSK	1	1	21.25	21.29	21.30	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		

30MHz	DFT-s-OFDM QPSK	1	1	21.31	21.28	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.30	21.24	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.30	21.22	21.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.30	21.23	21.26	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.29	21.26	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.28	21.25	21.29	22.00

N7 SA&NSA Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.22	20.25	20.25	21.00
		1	135	20.32	20.30	20.27	21.00
		1	268	20.30	20.28	20.28	21.00
		135	0	20.21	20.27	20.28	21.00
		135	67	20.24	20.29	20.27	21.00
		135	135	20.32	20.31	20.27	21.00
		270	0	20.21	20.24	20.22	21.00
	DFT-s-OFDM QPSK	1	1	20.24	20.49	20.27	21.00
		1	135	20.28	20.29	20.21	21.00
		1	268	20.30	20.27	20.28	21.00
		135	0	20.32	20.29	20.28	21.00
		135	67	20.35	20.43	20.34	21.00
		135	135	20.29	20.40	20.31	21.00
	DFT-s-OFDM 16QAM	1	1	20.27	20.27	20.30	21.00
				20.25	20.28	20.30	21.00
	DFT-s-OFDM 64QAM	1	1	20.25	20.28	20.30	21.00

	DFT-s-OFDM 256QAM	1	1	20.03	20.06	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	20.27	20.29	20.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.31	20.27	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.30	20.27	20.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.31	20.26	20.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.30	20.24	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.31	20.25	20.27	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.28	20.24	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	20.29	20.26	20.26	21.00

N7 SA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.11	22.08	22.12	23.50
		1	135	22.28	22.33	22.27	23.50
		1	268	22.18	22.13	22.22	23.50
		135	0	21.84	21.88	21.86	23.00
		135	67	22.49	22.54	22.49	23.50
		135	135	21.87	21.92	21.91	23.00
	270	0	21.82	21.82	21.85	23.00	
	DFT-s-OFDM	1	1	22.46	22.55	22.40	23.50

	QPSK	1	135	22.27	22.29	22.24	23.50
		1	268	22.25	22.28	22.24	23.50
		135	0	21.34	21.39	21.38	22.50
		135	67	22.34	22.35	22.32	23.50
		135	135	21.29	21.30	21.32	22.50
		270	0	21.25	21.28	21.32	22.50
	DFT-s-OFDM 16QAM	1	1	20.87	20.88	20.93	22.50
	DFT-s-OFDM 64QAM	1	1	19.54	19.48	19.53	21.00
	DFT-s-OFDM 256QAM	1	1	18.02	18.11	18.09	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	20.75	20.77	20.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.20	22.25	22.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.15	22.20	22.21	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.20	22.20	22.21	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.17	22.23	22.22	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.16	22.23	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.14	22.22	22.19	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.16	22.22	22.22	23.50

N7 NSA Receiver on

Conducted Power(dBm)

SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.34	23.40	23.37	24.50
		1	135	23.35	23.36	23.39	24.50
		1	268	23.42	23.40	23.38	24.50
		135	0	23.42	23.37	23.39	24.50
		135	67	23.38	23.38	23.40	24.50
		135	135	23.41	23.36	23.39	24.50
	DFT-s-OFDM QPSK	1	1	23.36	23.44	23.39	24.50
		1	135	23.42	23.36	23.39	24.50
		1	268	23.43	23.42	23.40	24.50
		135	0	23.40	23.39	23.38	24.50
		135	67	23.39	23.49	23.41	24.50
		135	135	23.37	23.36	23.37	24.50
	DFT-s-OFDM 16QAM	1	1	23.42	23.36	23.39	24.50
		1	1	22.88	22.88	22.91	24.50
		1	1	21.50	21.49	21.49	23.00
		1	1	20.03	20.06	20.09	21.00
		1	1	20.03	20.06	20.09	21.00
		1	1	20.03	20.06	20.09	21.00
DFT-s-OFDM 64QAM	1	1	20.03	20.06	20.09	21.00	
DFT-s-OFDM 256QAM	1	1	20.03	20.06	20.09	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	22.72	22.75	22.67	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	22.95	22.94	23.00	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.97	22.99	22.97	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	22.94	22.97	23.05	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	22.94	22.99	23.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	22.97	23.00	23.02	24.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.00	22.97	23.04	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.95	23.01	23.01	24.50

N38				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.14	24.08	24.15	25.50	
		1	53	24.26	24.32	24.30	25.50	
		1	104	24.12	24.17	24.15	25.50	
		50	0	23.87	23.88	23.90	25.00	
		50	28	24.49	24.46	24.48	25.50	
		50	56	23.90	23.90	23.82	25.00	
		100	0	23.79	23.85	23.83	25.00	
	DFT-s-OFDM QPSK	1	1	24.40	24.34	24.32	25.50	
		1	53	24.29	24.30	24.32	25.50	
		1	104	24.23	24.22	24.19	25.50	
		50	0	23.37	23.39	23.33	24.50	
		50	28	24.39	24.54	24.45	25.50	
		50	56	23.27	23.29	23.30	24.50	
	DFT-s-OFDM 16QAM	1	1	23.30	23.30	23.31	24.50	
		1	1	22.90	22.93	22.89	24.50	
		1	1	21.51	21.49	21.47	23.00	
	DFT-s-OFDM 64QAM	1	1	20.06	20.06	20.04	21.00	
		1	1	20.06	20.06	20.04	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.68	22.72	22.71	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
30MHz	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.19	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
20MHz	DFT-s-OFDM QPSK	1	1	24.15	24.19	24.23	25.50	

N38 SA&NSA Sensor on	Conducted Power(dBm)
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SCS 30kHz				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.72	19.79	19.81	20.50
		1	53	19.70	19.74	19.77	20.50
		1	104	19.73	19.73	19.75	20.50
		50	0	19.74	19.81	19.73	20.50
		50	28	19.74	19.73	19.78	20.50
		50	56	19.77	19.75	19.71	20.50
		100	0	19.70	19.75	19.78	20.50
	DFT-s-OFDM QPSK	1	1	19.74	19.76	19.77	20.50
		1	53	19.77	19.83	19.72	20.50
		1	104	19.80	19.74	19.81	20.50
		50	0	19.69	19.81	19.79	20.50
		50	28	19.80	19.87	19.71	20.50
		50	56	19.79	19.70	19.83	20.50
	100	0	19.80	19.77	19.83	20.50	
	DFT-s-OFDM 16QAM	1	1	19.76	19.75	19.76	20.50
	DFT-s-OFDM 64QAM	1	1	19.75	19.77	19.78	20.50
	DFT-s-OFDM 256QAM	1	1	19.79	19.86	19.71	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	518000	519000	520000	20.50
30MHz	DFT-s-OFDM QPSK	1	1	517000	519000	521000	20.50
20MHz	DFT-s-OFDM QPSK	1	1	516000	519000	522000	20.50

N38 SA Hotspot on				Conducted Power(dBm)			
SCS 30kHz				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.23	21.29	21.26	22.00
		1	53	21.23	21.23	21.23	22.00
		1	104	21.25	21.24	21.27	22.00
		50	0	21.28	21.28	21.23	22.00
		50	28	21.26	21.23	21.26	22.00
		50	56	21.23	21.26	21.23	22.00
		100	0	21.24	21.26	21.27	22.00
	DFT-s-OFDM	1	1	21.24	21.25	21.24	22.00

	QPSK	1	53	21.25	21.33	21.24	22.00
		1	104	21.26	21.28	21.26	22.00
		50	0	21.22	21.28	21.28	22.00
		50	28	21.28	21.37	21.25	22.00
		50	56	21.24	21.23	21.29	22.00
		100	0	21.27	21.24	21.28	22.00
	DFT-s-OFDM 16QAM	1	1	21.25	21.27	21.28	22.00
	DFT-s-OFDM 64QAM	1	1	21.28	21.24	21.26	22.00
	DFT-s-OFDM 256QAM	1	1	20.06	20.06	20.04	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.24	21.24	21.25	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.88	20.96	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.89	20.90	20.91	22.00

N38 SA Receiver off				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up	
				2590	2595	2600		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.14	22.13	22.16	23.50	
		1	53	22.25	22.37	22.31	23.50	
		1	104	22.12	22.19	22.14	23.50	
		50	0	21.92	21.91	21.94	23.00	
		50	28	22.48	22.48	22.49	23.50	
		50	56	21.93	21.88	21.81	23.00	
			100	0	21.81	21.85	21.84	23.00
	DFT-s-OFDM QPSK	1	1	22.40	22.32	22.37	23.50	
		1	53	22.29	22.45	22.36	23.50	
		1	104	22.27	22.22	22.19	23.50	
		50	0	21.37	21.42	21.38	22.50	
		50	28	22.39	22.56	22.45	23.50	
		50	56	21.32	21.33	21.29	22.50	
			100	0	21.30	21.34	21.29	22.50
		DFT-s-OFDM 16QAM	1	1	20.95	20.91	20.88	22.50
		DFT-s-OFDM 64QAM	1	1	19.55	19.50	19.50	21.00

	DFT-s-OFDM 256QAM	1	1	18.05	18.11	18.06	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.77	20.75	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.20	22.21	22.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.18	22.20	22.21	23.50

N38 NSA Hotspot on SCS 30kHz				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.86	18.87	18.89	19.50
		1	53	18.84	18.80	18.90	19.50
		1	104	18.83	18.84	18.87	19.50
		50	0	18.83	18.91	18.88	19.50
		50	28	18.80	18.81	18.89	19.50
		50	56	18.89	18.85	18.79	19.50
	DFT-s-OFDM QPSK	100	0	18.77	18.86	18.85	19.50
		1	1	18.88	18.97	18.88	19.50
		1	53	18.86	18.95	18.86	19.50
		1	104	18.91	18.86	18.93	19.50
		50	0	18.82	18.93	18.89	19.50
		50	28	18.86	19.02	18.78	19.50
	DFT-s-OFDM 16QAM	50	56	18.91	18.84	18.93	19.50
		100	0	18.93	18.91	18.95	19.50
		1	1	18.89	18.84	18.83	19.50
	DFT-s-OFDM 64QAM	1	1	18.85	18.83	18.92	19.50
DFT-s-OFDM 256QAM	1	1	18.93	19.00	18.86	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	18.54	18.57	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.48	18.64	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.48	18.58	18.51	19.50

N41 SA/NSA				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.04	23.99	24.04	25.50
		1	137	24.22	24.19	24.15	25.50
		1	271	24.02	24.02	24.06	25.50
		135	0	23.79	23.74	23.76	25.00
		135	69	24.37	24.42	24.41	25.50
		135	138	23.77	23.79	23.72	25.00
		270	0	23.73	23.69	23.73	25.00
	DFT-s-OFDM QPSK	1	1	24.30	24.43	24.34	25.50
		1	137	24.23	24.19	24.25	25.50
		1	271	24.10	24.10	24.13	25.50
		135	0	23.28	23.23	23.26	24.50
		135	69	24.29	24.30	24.21	25.50
		135	138	23.20	23.17	23.19	24.50
		270	0	23.17	23.18	23.19	24.50
	DFT-s-OFDM 16QAM	1	1	22.75	22.83	22.76	24.50
	DFT-s-OFDM 64QAM	1	1	21.41	21.38	21.34	23.00
	DFT-s-OFDM 256QAM	1	1	19.90	19.92	19.98	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	509202	518598	528000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	518598	528996	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	518598	529998	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	518598	531996	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	24.09	24.09	24.05	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.12	24.12	24.07	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.10	24.06	24.10	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.13	24.06	24.10	25.50

N41 SA&NSA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.76	19.77	19.75	20.50
		1	137	19.73	19.76	19.73	20.50
		1	271	19.74	19.76	19.77	20.50
		135	0	19.73	19.78	19.74	20.50
		135	69	19.72	19.76	19.75	20.50
		135	138	19.72	19.75	19.75	20.50
		270	0	19.76	19.73	19.74	20.50
	DFT-s-OFDM QPSK	1	1	19.75	19.84	19.75	20.50
		1	137	19.76	19.79	19.78	20.50
		1	271	19.74	19.75	19.74	20.50
		135	0	19.75	19.73	19.72	20.50
		135	69	19.74	19.81	19.76	20.50
		135	138	19.77	19.76	19.71	20.50
	DFT-s-OFDM 16QAM	1	1	19.74	19.76	19.76	20.50
		1	1	19.73	19.77	19.75	20.50
		1	1	19.72	19.71	19.78	20.50
		1	1	19.72	19.71	19.78	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.73	19.72	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.41	19.39	19.43	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.43	19.45	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.46	19.44	19.46	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.45	19.45	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.41	19.46	19.44	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.42	19.43	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.39	19.43	19.45	20.50

N41 SA&NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.59	22.53	22.48	24.00
		1	137	22.68	22.73	22.67	24.00
		1	271	22.51	22.53	22.56	24.00
		135	0	22.30	22.27	22.22	23.50
		135	69	22.90	22.87	22.92	24.00
		135	138	22.31	22.25	22.29	23.50
	DFT-s-OFDM QPSK	270	0	22.21	22.27	22.19	23.50
		1	1	22.19	22.23	22.17	24.00
		1	137	22.73	22.78	22.74	24.00
		1	271	22.58	22.65	22.63	24.00
		135	0	21.77	21.74	21.77	23.00
		135	69	22.84	23.03	22.79	24.00
	DFT-s-OFDM 16QAM	135	138	21.73	21.67	21.71	23.00
		270	0	21.65	21.71	21.66	23.00
	DFT-s-OFDM 64QAM	1	1	21.27	21.24	21.34	23.00
	DFT-s-OFDM 64QAM	1	1	19.94	19.92	19.87	21.50

	DFT-s-OFDM 256QAM	1	1	18.36	18.40	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.12	21.08	21.06	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.66	22.62	22.57	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.63	22.67	22.58	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.59	22.67	22.55	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.61	22.61	22.54	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.59	22.60	22.54	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.66	22.62	22.62	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.62	22.64	22.59	24.00

N41 NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.91	21.91	21.91	23.00
		1	137	21.98	21.99	21.95	23.00
		1	271	21.98	21.94	21.99	23.00
		135	0	21.91	21.95	21.98	23.00
		135	69	21.94	21.99	21.92	23.00
		135	138	21.95	21.99	21.99	23.00
	270	0	21.97	21.98	21.99	23.00	
	DFT-s-OFDM	1	1	21.93	21.99	21.96	23.00

	QPSK	1	137	21.94	21.90	21.91	23.00
		1	271	21.93	21.92	21.92	23.00
		135	0	21.92	21.94	21.92	23.00
		135	69	21.94	22.04	21.98	23.00
		135	138	21.92	21.92	21.98	23.00
		270	0	21.97	21.97	21.99	23.00
	DFT-s-OFDM 16QAM	1	1	21.92	21.92	21.92	23.00
	DFT-s-OFDM 64QAM	1	1	19.94	19.92	19.87	21.50
	DFT-s-OFDM 256QAM	1	1	18.36	18.40	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.77	21.74	21.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.79	21.77	21.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.77	21.72	21.72	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.77	21.72	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.72	21.74	21.78	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.76	21.75	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.71	21.71	21.75	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.79	21.74	21.76	23.00

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.87	23.95	23.91	25.50
		1	108	24.07	24.10	24.10	25.50
		1	214	23.95	23.95	23.91	25.50
		108	0	23.66	23.67	23.65	25.00
		108	54	24.28	24.33	24.26	25.50
		108	108	23.61	23.69	23.70	25.00
	DFT-s-OFDM QPSK	216	0	23.63	23.64	23.59	25.00
		1	1	24.26	24.35	24.26	25.50
		1	108	24.10	24.11	24.13	25.50
		1	214	24.07	24.05	24.02	25.50
		108	0	23.16	23.21	23.21	24.50
		108	54	24.19	24.23	24.21	25.50
	DFT-s-OFDM 16QAM	108	108	23.03	23.03	23.11	24.50
		216	0	23.11	23.31	23.07	24.50
		1	1	22.72	22.68	22.72	24.50
	DFT-s-OFDM 64QAM	1	1	21.23	21.26	21.29	23.00
	DFT-s-OFDM 256QAM	1	1	19.84	19.86	19.81	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.98	24.00	24.00	25.50

N66 NSA Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
				1730	1745	1760		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.78	18.73	18.70	19.50	
		1	108	18.81	18.82	18.80	19.50	
		1	214	18.72	18.71	18.77	19.50	
		108	0	18.76	18.79	18.75	19.50	
		108	54	18.80	18.78	18.81	19.50	
		108	108	18.78	18.77	18.79	19.50	
		216	0	18.70	18.74	18.79	19.50	
	DFT-s-OFDM QPSK	1	1	18.79	18.86	18.73	19.50	
		1	108	18.79	18.82	18.80	19.50	
		1	214	18.83	18.76	18.73	19.50	
		108	0	18.79	18.80	18.75	19.50	
		108	54	18.73	18.85	18.78	19.50	
		108	108	18.72	18.81	18.72	19.50	
		216	0	18.69	18.74	18.77	19.50	
	DFT-s-OFDM 16QAM	1	1	18.82	18.77	18.83	19.50	
	DFT-s-OFDM 64QAM	1	1	18.76	18.71	18.71	19.50	
	DFT-s-OFDM 256QAM	1	1	18.82	18.84	18.74	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349000	355000		

10MHz	DFT-s-OFDM QPSK	1	1	18.50	18.63	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.52	18.63	18.51	19.50

N66 NSA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.96	21.10	21.04	22.50
		1	108	21.21	21.18	21.24	22.50
		1	214	21.09	21.04	21.06	22.50
		108	0	20.78	20.75	20.77	22.00
		108	54	21.39	21.43	21.39	22.50
		108	108	20.75	20.76	20.80	22.00
	DFT-s-OFDM QPSK	216	0	20.73	20.71	20.67	22.00
		1	1	21.30	21.34	21.33	22.50
		1	108	21.20	21.25	21.25	22.50
		1	214	21.15	21.17	21.10	22.50
		108	0	20.28	20.32	20.32	21.50
		108	54	21.40	21.47	21.35	22.50
	DFT-s-OFDM 16QAM	108	108	20.13	20.13	20.19	21.50
		216	0	20.20	20.19	20.14	21.50
		1	1	19.83	19.77	19.85	21.50
		1	1	18.35	18.40	18.42	20.00
		1	1	16.91	17.00	16.90	18.00
		1	1	16.91	17.00	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	19.64	19.65	19.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.07	21.13	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.12	21.12	21.11	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.06	21.13	21.16	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.09	21.10	21.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.13	21.11	21.15	22.50

11.2 Conducted Power of NR Antenna (Ant1)

N5				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	834	836.5	839	25.30	
		1	53	23.67	23.76	23.73	25.30	
		1	104	23.90	23.92	23.92	25.30	
		50	0	23.74	23.73	23.78	25.30	
		50	28	23.48	23.47	23.47	24.80	
		50	56	24.04	24.04	24.07	25.30	
		100	0	23.44	23.41	23.48	24.80	
	DFT-s-OFDM QPSK	1	1	23.47	23.42	23.40	24.80	
		1	53	24.35	24.37	24.34	25.30	
		1	104	24.15	24.13	24.15	25.30	
		50	0	24.02	24.06	24.00	25.30	
		50	28	23.20	23.16	23.15	24.30	
		50	56	24.28	24.31	24.27	25.30	
	DFT-s-OFDM 16QAM	1	1	23.23	23.29	23.30	24.30	
		100	0	23.26	23.32	23.25	24.30	
		DFT-s-OFDM 64QAM	1	1	22.52	22.52	22.49	24.30
		DFT-s-OFDM 256QAM	1	1	21.09	21.07	21.04	22.80
	DFT-s-OFDM 256QAM	1	1	19.67	19.68	19.65	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	CP-OFDM QPSK	1	1	344000	349500	355000	22.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349500	355500	25.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		

10MHz	DFT-s-OFDM QPSK	1	1	23.77	23.80	23.80	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.75	23.79	23.79	25.30

N5 NSA Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.12	21.13	21.18	22.30
		1	53	21.25	21.18	21.25	22.30
		1	104	21.20	21.17	21.21	22.30
		50	0	21.21	21.11	21.22	22.30
		50	28	21.20	21.15	21.24	22.30
		50	56	21.19	21.22	21.22	22.30
	DFT-s-OFDM QPSK	100	0	21.22	21.23	21.20	22.30
		1	1	21.17	21.32	21.20	22.30
		1	53	21.20	21.31	21.21	22.30
		1	104	21.20	21.23	21.18	22.30
		50	0	21.18	21.15	21.19	22.30
		50	28	21.25	21.39	21.17	22.30
	DFT-s-OFDM 16QAM	50	56	21.22	21.20	21.19	22.30
		100	0	21.13	21.20	21.18	22.30
	DFT-s-OFDM 64QAM	1	1	21.22	21.21	21.17	22.30
	DFT-s-OFDM 256QAM	1	1	21.09	21.07	21.04	22.30
	DFT-s-OFDM 256QAM	1	1	19.67	19.68	19.65	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349500	Channel 355000
20MHz	CP-OFDM QPSK	1	1	20.98	21.01	20.97	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349500	Channel 355500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.00	21.02	20.97	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349500	Channel 356000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.00	20.94	20.99	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up

5MHz	DFT-s-OFDM QPSK	1	1	20.97	20.95	20.98	22.30
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N7				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.18	23.20	25.10	
		1	135	23.41	23.39	23.41	25.10	
		1	268	23.27	23.26	23.24	25.10	
		135	0	22.93	22.97	23.00	24.60	
		135	67	23.55	23.58	23.57	25.10	
		135	135	22.93	22.99	22.94	24.60	
		270	0	22.90	22.96	22.92	24.60	
	DFT-s-OFDM QPSK	1	1	23.40	23.75	23.45	25.10	
		1	135	23.36	23.38	23.40	25.10	
		1	268	23.37	23.37	23.36	25.10	
		135	0	22.48	22.49	22.35	24.10	
		135	67	23.39	23.64	23.40	25.10	
		135	135	22.36	22.41	22.35	24.10	
		270	0	22.37	22.40	22.41	24.10	
		DFT-s-OFDM 16QAM	1	1	22.17	22.19	22.17	24.10
		DFT-s-OFDM 64QAM	1	1	20.74	20.73	20.72	22.60
		DFT-s-OFDM 256QAM	1	1	19.15	19.11	19.15	20.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	50MHz	CP-OFDM QPSK	1	1	505000	507000	509000	22.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	40MHz	DFT-s-OFDM QPSK	1	1	504000	507000	510000	25.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502000	507000	512000		

20MHz	DFT-s-OFDM QPSK	1	1	23.31	23.32	23.32	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.32	23.33	23.32	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.30	23.27	23.26	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.32	23.31	23.27	25.10

N7 SA Sensor on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.87	16.90	16.90	18.10
		1	135	16.92	16.90	16.92	18.10
		1	268	16.86	16.88	16.89	18.10
		135	0	16.86	16.92	16.88	18.10
		135	67	16.87	16.92	16.92	18.10
		135	135	16.87	16.88	16.87	18.10
	DFT-s-OFDM QPSK	270	0	16.89	16.92	16.90	18.10
		1	1	16.93	16.98	16.88	18.10
		1	135	16.86	16.91	16.92	18.10
		1	268	16.87	16.89	16.91	18.10
		135	0	16.91	16.97	16.89	18.10
		135	67	16.87	16.88	16.86	18.10
	DFT-s-OFDM 16QAM	135	135	16.90	16.90	16.90	18.10
		270	0	16.92	16.93	16.92	18.10
		1	1	16.87	16.87	16.91	18.10
	DFT-s-OFDM 64QAM	1	1	16.89	16.92	16.91	18.10
	DFT-s-OFDM 256QAM	1	1	16.86	16.91	16.87	18.10
	Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000
50MHz	CP-OFDM QPSK	1	1	16.89	16.92	16.87	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.58	16.59	16.61	18.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	16.55	16.60	16.63	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	16.59	16.56	16.63	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	16.58	16.60	16.67	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	16.53	16.59	16.64	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	16.54	16.56	16.61	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	16.60	16.60	16.62	18.10

N7 SA&NSA Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	2525	2535	2545	19.10
		1	135	17.87	17.88	17.90	19.10
		1	268	17.91	17.87	17.93	19.10
		135	0	17.87	17.91	17.89	19.10
		135	67	17.89	17.88	17.90	19.10
		135	135	17.89	17.87	17.88	19.10
		135	135	17.91	17.90	17.92	19.10
	DFT-s-OFDM QPSK	270	0	17.89	17.89	17.88	19.10
		1	1	17.91	17.87	17.90	19.10
		1	135	17.89	17.94	17.92	19.10
		1	268	17.93	17.89	17.89	19.10
		135	0	17.88	17.93	17.90	19.10
		135	67	17.92	17.96	17.91	19.10
		135	135	17.93	17.88	17.89	19.10
	DFT-s-OFDM 16QAM	1	1	17.89	17.87	17.91	19.10
	DFT-s-OFDM 64QAM	1	1	17.90	17.88	17.89	19.10
	DFT-s-OFDM 64QAM	1	1	17.89	17.88	17.88	19.10

	DFT-s-OFDM 256QAM	1	1	17.92	17.92	17.87	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	17.84	17.82	17.85	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.57	17.54	17.67	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.55	17.52	17.61	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.59	17.53	17.65	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.47	17.50	17.65	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.55	17.50	17.67	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.59	17.50	17.55	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.59	17.60	17.57	19.10

N7 NSA Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.60	14.61	14.59	15.60
		1	135	14.65	14.47	14.63	15.60
		1	268	14.47	14.60	14.49	15.60
		135	0	14.60	14.59	14.49	15.60
		135	67	14.57	14.54	14.51	15.60
		135	135	14.60	14.59	14.56	15.60
	270	0	14.52	14.54	14.57	15.60	
	DFT-s-OFDM	1	1	14.54	14.48	14.51	15.60

	QPSK	1	135	14.48	14.58	14.57	15.60
		1	268	14.59	14.58	14.56	15.60
		135	0	14.60	14.60	14.54	15.60
		135	67	14.54	14.70	14.62	15.60
		135	135	14.56	14.49	14.49	15.60
		270	0	14.50	14.61	14.56	15.60
	DFT-s-OFDM 16QAM	1	1	14.57	14.53	14.58	15.60
	DFT-s-OFDM 64QAM	1	1	14.59	14.59	14.58	15.60
	DFT-s-OFDM 256QAM	1	1	14.59	14.58	14.63	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	14.25	14.28	14.36	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	14.19	14.27	14.33	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.24	14.30	14.29	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	14.23	14.31	14.31	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.17	14.33	14.29	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.20	14.32	14.35	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.20	14.30	14.33	15.60
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	14.22	14.30	14.37	15.60

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.04	23.05	23.04	24.90
		1	53	23.12	23.10	23.23	24.90
		1	104	23.03	23.04	23.08	24.90
		50	0	22.77	22.72	22.72	24.40
		50	28	23.40	23.35	23.35	24.90
		50	56	22.77	22.71	22.74	24.40
	100	0	22.76	22.74	22.74	24.40	
	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.11	24.90
		1	53	23.19	23.12	23.11	24.90
		1	104	23.15	23.11	23.13	24.90
		50	0	22.23	22.30	22.26	23.90
		50	28	23.11	23.21	23.12	24.90
		50	56	22.17	22.18	22.14	23.90
	100	0	22.18	22.20	22.19	23.90	
	DFT-s-OFDM 16QAM	1	1	21.95	22.03	22.03	23.90
	DFT-s-OFDM 64QAM	1	1	20.53	20.55	20.57	22.40
	DFT-s-OFDM 256QAM	1	1	18.98	18.97	18.91	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.64	21.59	21.60	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.10	23.06	23.07	24.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.04	23.06	23.08	24.90

N38 SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.24	16.27	16.28	17.40
		1	53	16.24	16.30	16.27	17.40
		1	104	16.29	16.31	16.30	17.40
		50	0	16.30	16.24	16.34	17.40
		50	28	16.30	16.24	16.26	17.40
		50	56	16.31	16.27	16.33	17.40
		100	0	16.30	16.35	16.26	17.40
	DFT-s-OFDM	1	1	16.32	16.23	16.22	17.40

	QPSK	1	53	16.33	16.36	16.30	17.40
		1	104	16.30	16.31	16.35	17.40
		50	0	16.35	16.35	16.23	17.40
		50	28	16.32	16.47	16.33	17.40
		50	56	16.24	16.29	16.27	17.40
		100	0	16.35	16.28	16.31	17.40
	DFT-s-OFDM 16QAM	1	1	16.22	16.24	16.25	17.40
	DFT-s-OFDM 64QAM	1	1	16.34	16.29	16.26	17.40
	DFT-s-OFDM 256QAM	1	1	16.26	16.35	16.35	17.40
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	16.25	16.17	16.22	17.40
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.22	16.17	16.27	17.40
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.28	16.25	16.22	17.40

N38 SA&NSA Sensor on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up	
				2590	2595	2600		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.20	18.17	18.14	19.50	
		1	53	18.12	18.16	18.19	19.50	
		1	104	18.17	18.23	18.20	19.50	
		50	0	18.18	18.15	18.21	19.50	
		50	28	18.16	18.14	18.24	19.50	
		50	56	18.19	18.18	18.17	19.50	
			100	0	18.12	18.13	18.23	19.50
		DFT-s-OFDM QPSK	1	1	18.12	18.16	18.21	19.50
			1	53	18.20	18.25	18.19	19.50
			1	104	18.18	18.22	18.24	19.50
			50	0	18.24	18.13	18.23	19.50
			50	28	18.23	18.36	18.25	19.50
			50	56	18.23	18.24	18.14	19.50
			100	0	18.22	18.18	18.19	19.50
		DFT-s-OFDM 16QAM	1	1	18.15	18.18	18.17	19.50
		DFT-s-OFDM 64QAM	1	1	18.19	18.24	18.22	19.50

	DFT-s-OFDM 256QAM	1	1	18.23	18.23	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	18.13	18.18	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.20	18.16	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.09	18.12	18.15	19.50

N38 NSA Receiver on SCS 30kHz				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up	
				2590	2595	2600		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.84	14.77	14.76	15.90	
		1	53	14.84	14.74	14.83	15.90	
		1	104	14.80	14.80	14.73	15.90	
		50	0	14.85	14.85	14.83	15.90	
		50	28	14.76	14.84	14.81	15.90	
		50	56	14.77	14.76	14.84	15.90	
			100	0	14.77	14.84	14.80	15.90
	DFT-s-OFDM QPSK	1	1	14.81	14.76	14.75	15.90	
		1	53	14.74	14.84	14.77	15.90	
		1	104	14.82	14.72	14.83	15.90	
		50	0	14.80	14.77	14.83	15.90	
		50	28	14.74	14.87	14.80	15.90	
		50	56	14.76	14.78	14.81	15.90	
			100	0	14.76	14.78	14.83	15.90
		DFT-s-OFDM 16QAM	1	1	14.73	14.76	14.83	15.90
	DFT-s-OFDM 64QAM	1	1	14.77	14.74	14.73	15.90	
	DFT-s-OFDM 256QAM	1	1	14.83	14.81	14.79	15.90	
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up	
40MHz	CP-OFDM QPSK	1	1	14.72	14.72	14.76	15.90	
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	14.75	14.73	14.72	15.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	14.77	14.73	14.76	15.90

N41				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.04	22.98	22.98	24.90
		1	137	23.14	23.18	23.21	24.90
		1	271	23.01	23.00	23.08	24.90
		135	0	22.72	22.76	22.75	24.40
		135	69	23.23	23.26	23.28	24.90
		135	138	22.71	22.76	22.77	24.40
	DFT-s-OFDM QPSK	270	0	22.68	22.72	22.68	24.40
		1	1	23.17	23.24	23.20	24.90
		1	137	23.23	23.21	23.24	24.90
		1	271	23.13	23.15	23.17	24.90
		135	0	22.24	22.23	22.29	23.90
		135	69	23.21	23.29	23.24	24.90
	DFT-s-OFDM 16QAM	135	138	22.20	22.14	22.20	23.90
		270	0	22.16	22.15	22.14	23.90
		1	1	22.00	21.98	21.95	23.90
	DFT-s-OFDM 64QAM	1	1	20.60	20.54	20.55	22.40
	DFT-s-OFDM 256QAM	1	1	18.94	18.93	18.95	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	21.63	21.61	21.57	22.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.12	23.09	23.10	24.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.08	23.11	23.12	24.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.07	23.12	23.10	24.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	23.06	23.08	23.05	24.90
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.07	24.90
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.05	23.10	23.10	24.90
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.06	23.08	23.10	24.90

N41 SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up	
				2546.01	2592.99	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.68	16.67	16.72	17.90	
		1	137	16.64	16.71	16.69	17.90	
		1	271	16.66	16.70	16.71	17.90	
		135	0	16.72	16.71	16.63	17.90	
		135	69	16.63	16.72	16.74	17.90	
		135	138	16.67	16.65	16.66	17.90	
		270	0	16.70	16.70	16.67	17.90	
	DFT-s-OFDM QPSK	1	1	16.67	16.84	16.67	17.90	
		1	137	16.75	16.81	16.72	17.90	
		1	271	16.69	16.71	16.64	17.90	
		135	0	16.70	16.74	16.66	17.90	
		135	69	16.71	16.82	16.70	17.90	
		135	138	16.75	16.66	16.67	17.90	
		270	0	16.70	16.66	16.66	17.90	
	DFT-s-OFDM 16QAM	1	1	16.73	16.64	16.63	17.90	
	DFT-s-OFDM 64QAM	1	1	16.70	16.71	16.68	17.90	
	DFT-s-OFDM 256QAM	1	1	16.73	16.64	16.73	17.90	
	Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
	100MHz	CP-OFDM QPSK	135	69	16.59	16.51	16.62	17.90
	Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
	90MHz	DFT-s-OFDM QPSK	135	69	16.60	16.57	16.61	17.90

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	135	69	16.63	16.57	16.55	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	135	69	16.61	16.60	16.56	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	135	69	16.61	16.62	16.52	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	135	69	16.59	16.59	16.61	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	135	69	16.64	16.62	16.60	17.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	135	69	16.51	16.63	16.58	17.90

N41 SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2592.99	2640	19.40
		1	137	18.03	18.15	18.11	19.40
		1	271	18.13	18.15	18.07	19.40
		1	271	18.13	18.11	18.13	19.40
		135	0	18.13	18.13	18.04	19.40
		135	69	18.05	18.11	18.15	19.40
		135	138	18.14	18.08	18.14	19.40
	DFT-s-OFDM QPSK	270	0	18.06	18.13	18.05	19.40
		1	1	18.08	18.03	18.09	19.40
		1	137	18.05	18.18	18.05	19.40
		1	271	18.11	18.09	18.02	19.40
		135	0	18.03	18.05	18.09	19.40
		135	69	18.10	18.22	18.05	19.40
	DFT-s-OFDM 16QAM	135	138	18.06	18.06	18.07	19.40
		270	0	18.13	18.11	18.15	19.40
	DFT-s-OFDM 64QAM	1	1	18.11	18.15	18.04	19.40
	DFT-s-OFDM 64QAM	1	1	18.14	18.13	18.06	19.40

	DFT-s-OFDM 256QAM	1	1	18.14	18.14	18.11	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.99	17.95	17.98	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.93	17.95	18.00	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.93	17.98	17.96	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.00	17.96	17.97	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.99	17.98	18.01	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.93	17.91	17.99	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.00	17.95	17.99	19.40
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.92	17.98	17.97	19.40

N41 NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.01	14.93	14.94	15.90
		1	137	14.97	15.01	15.05	15.90
		1	271	14.95	15.04	15.01	15.90
		135	0	15.04	14.95	14.92	15.90
		135	69	14.92	15.03	15.04	15.90
		135	138	14.93	14.95	14.96	15.90
		270	0	14.99	14.96	15.03	15.90
	DFT-s-OFDM	1	1	14.97	15.00	14.92	15.90

	QPSK	1	137	15.01	15.09	14.94	15.90
		1	271	15.00	14.92	15.04	15.90
		135	0	15.01	15.04	14.92	15.90
		135	69	15.02	15.12	15.04	15.90
		135	138	15.02	15.03	15.00	15.90
		270	0	15.03	14.97	14.95	15.90
	DFT-s-OFDM 16QAM	1	1	15.02	15.04	14.94	15.90
	DFT-s-OFDM 64QAM	1	1	15.00	14.92	15.02	15.90
	DFT-s-OFDM 256QAM	1	1	15.05	14.97	14.92	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	14.88	14.89	14.93	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	14.93	14.87	14.92	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	14.89	14.88	14.89	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	14.89	14.86	14.91	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.83	14.89	14.85	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	14.86	14.85	14.92	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.91	14.93	14.87	15.90
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.84	14.93	14.86	15.90

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.20	23.19	23.26	24.60
		1	108	23.39	23.37	23.40	24.60
		1	214	23.24	23.21	23.25	24.60
		108	0	22.96	22.94	22.98	24.10
		108	54	23.62	23.58	23.55	24.60
		108	108	22.96	22.95	22.98	24.10
	DFT-s-OFDM QPSK	216	0	22.90	22.88	22.93	24.10
		1	1	23.50	23.56	23.52	24.60
		1	108	23.38	23.44	23.41	24.60
		1	214	23.35	23.30	23.34	24.60
		108	0	22.51	22.52	22.48	23.60
		108	54	23.49	23.49	23.43	24.60
	DFT-s-OFDM 16QAM	108	108	22.35	22.38	22.38	23.60
		216	0	22.40	22.40	22.37	23.60
	DFT-s-OFDM 64QAM	1	1	22.01	21.97	22.01	23.60
	DFT-s-OFDM 256QAM	1	1	20.60	20.52	20.57	22.10
	DFT-s-OFDM 256QAM	1	1	19.12	19.17	19.11	20.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	22.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	

5MHz	DFT-s-OFDM QPSK	1	1	23.30	23.25	23.30	24.60
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N66 SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	1730	1745	1760	19.60
		1	108	18.81	18.89	18.89	19.60
		1	214	18.79	18.87	18.81	19.60
		108	0	18.81	18.88	18.81	19.60
		108	54	18.89	18.87	18.86	19.60
		108	108	18.86	18.82	18.85	19.60
		216	0	18.79	18.90	18.88	19.60
	DFT-s-OFDM QPSK	1	1	18.80	18.80	18.79	19.60
		1	108	18.88	18.97	18.87	19.60
		1	214	18.81	18.91	18.84	19.60
		108	0	18.78	18.79	18.90	19.60
		108	54	18.84	18.90	18.90	19.60
		108	108	18.81	18.94	18.80	19.60
	DFT-s-OFDM 16QAM	1	1	18.81	18.80	18.78	19.60
		1	1	18.81	18.82	18.80	19.60
		1	1	18.87	18.84	18.78	19.60
		1	1	18.89	18.89	18.86	19.60
	DFT-s-OFDM 64QAM	1	1	18.84	18.90	18.83	19.60
		1	1	18.84	18.90	18.83	19.60
	DFT-s-OFDM 256QAM	1	1	18.87	18.84	18.78	19.60
		1	1	18.89	18.89	18.86	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	346000	349000	352000	19.60
30MHz	DFT-s-OFDM QPSK	1	1	345000	349000	353000	19.60
20MHz	DFT-s-OFDM QPSK	1	1	344000	349000	354000	19.60
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.56	18.62	18.56	19.60

				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.55	18.60	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.55	18.64	18.54	19.60

N66 Sensor on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
				1730	1745	1760		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.83	20.79	20.89	21.60	
		1	108	20.76	20.90	20.90	21.60	
		1	214	20.76	20.88	20.80	21.60	
		108	0	20.93	20.84	20.81	21.60	
		108	54	20.84	20.84	20.90	21.60	
		108	108	20.88	20.86	20.77	21.60	
		216	0	20.91	20.84	20.83	21.60	
	DFT-s-OFDM QPSK	1	1	20.82	20.85	20.87	21.60	
		1	108	20.89	20.96	20.85	21.60	
		1	214	20.76	20.87	20.83	21.60	
		108	0	20.78	20.91	20.85	21.60	
		108	54	20.80	20.97	20.88	21.60	
		108	108	20.86	20.80	20.77	21.60	
		216	0	20.90	20.83	20.81	21.60	
	DFT-s-OFDM 16QAM	1	1	20.79	20.82	20.90	21.60	
	DFT-s-OFDM 64QAM	1	1	20.93	20.86	20.90	21.60	
	DFT-s-OFDM 256QAM	1	1	19.12	19.17	19.11	20.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346000	349000	352000	
	40MHz	CP-OFDM QPSK	1	1	20.77	20.87	20.85	21.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000		
30MHz	DFT-s-OFDM QPSK	1	1	20.61	20.65	20.70	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349000	354000		
20MHz	DFT-s-OFDM QPSK	1	1	20.64	20.58	20.67	21.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343500	349000	354500		

15MHz	DFT-s-OFDM QPSK	1	1	20.65	20.64	20.67	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.61	20.66	20.65	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	20.67	20.60	20.63	21.60

N66 NSA Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.46	16.49	16.41	17.10
		1	108	16.45	16.50	16.42	17.10
		1	214	16.47	16.48	16.42	17.10
		108	0	16.51	16.49	16.50	17.10
		108	54	16.43	16.45	16.50	17.10
		108	108	16.46	16.50	16.49	17.10
	DFT-s-OFDM QPSK	216	0	16.46	16.44	16.51	17.10
		1	1	16.50	16.38	16.45	17.10
		1	108	16.46	16.56	16.51	17.10
		1	214	16.50	16.39	16.47	17.10
		108	0	16.44	16.47	16.51	17.10
		108	54	16.49	16.58	16.41	17.10
	DFT-s-OFDM 16QAM	108	108	16.46	16.51	16.47	17.10
		216	0	16.49	16.42	16.42	17.10
		1	1	16.44	16.42	16.46	17.10
	DFT-s-OFDM 64QAM	1	1	16.41	16.46	16.46	17.10
	DFT-s-OFDM 256QAM	1	1	16.41	16.42	16.45	17.10
	Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000
40MHz	CP-OFDM QPSK	1	1	16.22	16.20	16.17	17.10
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.22	16.19	16.12	17.10
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.16	16.23	16.21	17.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.17	16.23	16.16	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	16.12	16.24	16.13	17.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	16.17	16.21	16.23	17.10

N66 NSA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	1730	1745	1760	23.10
		1	108	21.78	21.73	21.82	23.10
		1	214	21.95	21.94	22.02	23.10
		108	0	21.81	21.83	21.86	23.10
		108	54	21.53	21.50	21.59	22.60
		108	108	22.15	22.19	22.09	23.10
		216	0	21.52	21.48	21.56	22.60
	DFT-s-OFDM QPSK	1	1	21.51	21.50	21.46	22.60
		1	108	22.06	22.07	21.96	23.10
		1	214	21.92	22.06	21.95	23.10
		108	0	21.95	21.91	21.89	23.10
		108	54	21.11	21.09	21.07	22.10
		108	108	22.05	22.20	22.11	23.10
	DFT-s-OFDM 16QAM	1	1	20.95	20.94	20.98	22.10
		1	1	21.00	20.94	20.96	22.10
		1	1	20.54	20.52	20.57	22.10
	DFT-s-OFDM 64QAM	1	1	19.22	19.12	19.13	20.60
		1	1	17.71	17.73	17.64	18.60
		1	1	17.71	17.73	17.64	18.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
346000					349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.37	20.42	20.40	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.88	21.80	21.88	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	

20MHz	DFT-s-OFDM QPSK	1	1	21.85	21.88	21.90	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.89	21.80	21.86	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.84	21.84	21.88	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.89	21.80	21.88	23.10

11.3 Conducted Power of NR Antenna (Ant2)

N7				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up	
				2525	2535	2545		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.11	24.11	24.10	25.70	
		1	135	24.32	24.26	24.26	25.70	
		1	268	24.11	24.13	24.13	25.70	
		135	0	23.89	23.86	23.84	25.20	
		135	67	24.35	24.35	24.47	25.70	
		135	135	23.85	23.87	23.85	25.20	
		270	0	23.83	23.84	23.85	25.20	
	DFT-s-OFDM QPSK	1	1	24.38	24.46	24.36	25.70	
		1	135	24.29	24.33	24.35	25.70	
		1	268	24.24	24.20	24.27	25.70	
		135	0	23.37	23.34	23.35	24.70	
		135	67	24.43	24.48	24.46	25.70	
		135	135	23.30	23.25	23.26	24.70	
			270	0	23.25	23.31	23.28	24.70
		DFT-s-OFDM 16QAM	1	1	22.87	22.91	22.91	24.70
	DFT-s-OFDM 64QAM	1	1	21.45	21.48	21.50	23.20	
	DFT-s-OFDM 256QAM	1	1	20.01	20.02	20.05	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up	
50MHz	CP-OFDM QPSK	1	1	22.76	22.69	22.75	23.20	
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up	

40MHz	DFT-s-OFDM QPSK	1	1	24.21	24.15	24.22	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.19	24.14	24.14	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	24.15	24.20	24.17	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.20	24.23	24.22	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.19	24.21	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.14	24.20	24.18	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.16	24.21	24.16	25.70

N7 SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.12	18.19	18.17	19.20
		1	135	18.13	18.09	18.08	19.20
		1	268	18.08	18.18	18.11	19.20
		135	0	18.12	18.15	18.18	19.20
		135	67	18.19	18.14	18.19	19.20
		135	135	18.10	18.13	18.16	19.20
		270	0	18.13	18.09	18.11	19.20
	DFT-s-OFDM QPSK	1	1	18.09	18.27	18.10	19.20
		1	135	18.10	18.15	18.15	19.20
		1	268	18.11	18.17	18.15	19.20
		135	0	18.11	18.18	18.16	19.20
		135	67	18.18	18.19	18.18	19.20
		135	135	18.14	18.12	18.12	19.20
	DFT-s-OFDM 16QAM	1	1	18.11	18.19	18.10	19.20

	DFT-s-OFDM 64QAM	1	1	18.17	18.20	18.10	19.20
	DFT-s-OFDM 256QAM	1	1	18.14	18.11	18.18	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	17.96	17.90	17.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.96	17.99	17.98	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.89	17.94	17.96	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	17.97	17.98	17.94	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.98	17.91	17.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.96	17.88	17.92	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.89	17.97	17.92	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.95	17.91	18.00	19.20

N7 SA&NSA Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.30	20.30	20.31	21.70
		1	135	20.38	20.41	20.32	21.70
		1	268	20.39	20.38	20.40	21.70
		135	0	20.32	20.34	20.32	21.70
		135	67	20.39	20.29	20.39	21.70

	DFT-s-OFDM QPSK	135	135	20.39	20.29	20.36	21.70
		270	0	20.28	20.35	20.28	21.70
		1	1	20.30	20.36	20.31	21.70
		1	135	20.33	20.49	20.33	21.70
		1	268	20.33	20.36	20.30	21.70
		135	0	20.34	20.33	20.30	21.70
		135	67	20.29	20.57	20.36	21.70
		135	135	20.39	20.35	20.38	21.70
	270	0	20.38	20.33	20.37	21.70	
		DFT-s-OFDM 16QAM	1	1	20.31	20.36	20.40
	DFT-s-OFDM 64QAM	1	1	20.36	20.34	20.28	21.70
	DFT-s-OFDM 256QAM	1	1	20.01	20.02	20.05	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	20.21	20.19	20.11	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	20.16	20.20	20.15	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.11	20.20	20.14	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.09	20.18	20.17	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.16	20.09	20.13	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.11	20.21	20.17	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.08	20.18	20.14	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	

5MHz	DFT-s-OFDM QPSK	1	1	20.18	20.19	20.10	21.70
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N7 NSA Receiver on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	2525	2535	2545		
		1	135	16.80	16.78	16.72	17.70	
		1	268	16.79	16.68	16.74	17.70	
		135	0	16.76	16.78	16.80	17.70	
		135	67	16.77	16.76	16.77	17.70	
		135	135	16.74	16.71	16.70	17.70	
	DFT-s-OFDM QPSK	135	135	16.70	16.80	16.69	17.70	
		270	0	16.76	16.72	16.78	17.70	
		1	1	16.77	16.93	16.79	17.70	
		1	135	16.79	16.70	16.73	17.70	
		1	268	16.72	16.71	16.76	17.70	
		135	0	16.79	16.68	16.75	17.70	
	DFT-s-OFDM 16QAM	135	67	16.81	16.89	16.80	17.70	
		135	135	16.74	16.80	16.73	17.70	
		270	0	16.80	16.75	16.73	17.70	
		1	1	16.77	16.76	16.74	17.70	
	DFT-s-OFDM 64QAM	1	1	16.74	16.72	16.80	17.70	
	DFT-s-OFDM 256QAM	1	1	16.75	16.80	16.81	17.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	50MHz	CP-OFDM QPSK	1	1	505000	507000	509000	17.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	504000	507000	510000	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	17.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	17.70	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	16.58	16.50	16.58	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	16.54	16.52	16.52	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	16.48	16.50	16.56	17.70

N7 SA&NSA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	2525	2535	2545	24.70
		1	135	23.11	23.14	23.15	24.70
		1	268	23.34	23.24	23.31	24.70
		135	0	23.11	23.14	23.17	24.70
		135	67	22.87	22.87	22.83	24.20
		135	135	23.47	23.47	23.51	24.70
		270	0	22.84	22.91	22.84	24.20
	DFT-s-OFDM QPSK	1	1	22.84	22.87	22.87	24.20
		1	135	23.44	23.49	23.48	24.70
		1	268	23.27	23.29	23.31	24.70
		135	0	23.25	23.22	23.29	24.70
		135	67	22.33	22.32	22.31	23.70
		270	0	23.42	23.46	23.35	24.70
	DFT-s-OFDM 16QAM	1	1	22.29	22.23	22.31	23.70
	DFT-s-OFDM 64QAM	1	1	22.28	22.27	22.33	23.70
	DFT-s-OFDM 256QAM	1	1	21.87	21.92	21.95	23.70
	DFT-s-OFDM 64QAM	1	1	20.47	20.52	20.48	22.20
	DFT-s-OFDM 256QAM	1	1	19.03	19.05	19.04	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.78	21.70	21.75	22.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	23.22	23.18	23.20	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	

30MHz	DFT-s-OFDM QPSK	1	1	23.26	23.11	23.18	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.23	23.17	23.23	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.24	23.11	23.25	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.25	23.18	23.23	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.18	23.17	23.19	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.19	23.18	23.26	24.70

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.15	24.07	24.14	25.70
		1	53	24.28	24.26	24.25	25.70
		1	104	24.13	24.14	24.10	25.70
		50	0	23.84	23.86	23.89	25.20
		50	28	24.48	24.50	24.47	25.70
		50	56	23.89	23.83	23.87	25.20
	DFT-s-OFDM QPSK	100	0	23.83	23.83	23.86	25.20
		1	1	24.36	24.40	24.39	25.70
		1	53	24.30	24.28	24.33	25.70
		1	104	24.27	24.20	24.28	25.70
		50	0	23.35	23.41	23.42	24.70
		50	28	24.37	24.39	24.43	25.70
	DFT-s-OFDM 16QAM	50	56	23.24	23.27	23.24	24.70
		100	0	23.30	23.30	23.31	24.70
	DFT-s-OFDM 64QAM	1	1	22.84	22.92	22.86	24.70
	DFT-s-OFDM 64QAM	1	1	21.48	21.43	21.44	23.20

	DFT-s-OFDM 256QAM	1	1	20.05	20.03	20.05	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.69	22.72	22.73	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.18	24.18	24.16	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.20	24.21	24.20	25.70

N38 SA&NSA Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.04	17.98	17.99	19.20
		1	53	18.09	18.06	18.11	19.20
		1	104	17.99	18.05	18.03	19.20
		50	0	17.99	18.04	18.03	19.20
		50	28	18.06	18.09	18.08	19.20
		50	56	18.02	18.08	17.99	19.20
		100	0	18.10	18.00	17.99	19.20
	DFT-s-OFDM QPSK	1	1	18.07	18.01	17.99	19.20
		1	53	18.09	18.14	18.10	19.20
		1	104	17.99	17.99	18.03	19.20
		50	0	18.07	18.04	18.05	19.20
		50	28	18.01	18.18	18.00	19.20
		50	56	17.99	18.05	18.06	19.20
		100	0	18.02	18.02	18.02	19.20
	DFT-s-OFDM 16QAM	1	1	18.05	17.98	18.00	19.20
	DFT-s-OFDM 64QAM	1	1	18.11	18.06	18.10	19.20
	DFT-s-OFDM 256QAM	1	1	18.03	17.99	18.03	19.20
	Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000
40MHz	CP-OFDM QPSK	1	1	17.87	17.89	17.81	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.80	17.84	17.89	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.88	17.81	17.80	19.20

N38 SA&NSA Sensor on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.01	20.06	20.09	21.20	
		1	53	19.98	19.99	20.09	21.20	
		1	104	20.01	20.02	20.00	21.20	
		50	0	20.10	20.04	19.99	21.20	
		50	28	20.11	20.09	19.99	21.20	
		50	56	20.04	20.05	20.02	21.20	
	DFT-s-OFDM QPSK	100	0	20.09	20.02	20.09	21.20	
		1	1	19.99	20.08	19.98	21.20	
		1	53	19.98	20.07	20.10	21.20	
		1	104	20.02	20.12	20.00	21.20	
		50	0	20.02	20.05	20.11	21.20	
		50	28	20.04	20.20	20.05	21.20	
	DFT-s-OFDM 16QAM	50	56	20.05	20.01	20.04	21.20	
		100	0	19.98	20.08	20.01	21.20	
		1	1	20.10	20.07	20.06	21.20	
		DFT-s-OFDM 64QAM	1	1	20.10	20.06	20.02	21.20
		DFT-s-OFDM 256QAM	1	1	20.08	20.04	20.08	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000		
40MHz	CP-OFDM QPSK	1	1	19.85	19.79	19.82	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
30MHz	DFT-s-OFDM QPSK	1	1	19.86	19.85	19.89	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
20MHz	DFT-s-OFDM QPSK	1	1	19.84	19.81	19.82	21.20	

N38 SA&NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.75	21.62	21.75	23.20
		1	53	21.86	21.84	21.86	23.20

		1	104	21.73	21.70	21.66	23.20
		50	0	21.43	21.46	21.43	22.70
		50	28	22.10	22.08	22.06	23.20
		50	56	21.47	21.40	21.42	22.70
		100	0	21.44	21.39	21.44	22.70
	DFT-s-OFDM QPSK	1	1	21.92	22.00	21.93	23.20
		1	53	21.85	21.88	21.87	23.20
		1	104	21.82	21.82	21.86	23.20
		50	0	20.91	20.99	20.98	22.20
		50	28	21.93	22.16	21.97	23.20
	DFT-s-OFDM 16QAM	50	56	20.80	20.87	20.80	22.20
		100	0	20.89	20.86	20.87	22.20
		1	1	20.45	20.51	20.46	22.20
	DFT-s-OFDM 64QAM	1	1	19.01	19.01	19.05	20.70
DFT-s-OFDM 256QAM	1	1	17.63	17.62	17.64	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.29	20.31	20.33	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	21.76	21.78	21.74	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	21.71	21.73	21.73	23.20

N41				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.06	24.01	24.02	25.70
		1	137	24.21	24.19	24.20	25.70
		1	271	24.05	24.07	24.09	25.70
		135	0	23.76	23.75	23.77	25.20
		135	69	24.36	24.42	24.37	25.70
		135	138	23.79	23.73	23.79	25.20
		270	0	23.76	23.69	23.71	25.20
	DFT-s-OFDM QPSK	1	1	24.37	24.43	24.35	25.70
		1	137	24.22	24.23	24.25	25.70
		1	271	24.12	24.12	24.10	25.70
		135	0	23.32	23.32	23.28	24.70
		135	69	24.29	24.31	24.27	25.70
		135	138	23.18	23.13	23.19	24.70
		270	0	23.15	23.16	23.20	24.70

	DFT-s-OFDM 16QAM	1	1	22.79	22.76	22.77	24.70
	DFT-s-OFDM 64QAM	1	1	21.40	21.36	21.35	23.20
	DFT-s-OFDM 256QAM	1	1	19.95	19.95	19.90	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.64	22.66	22.64	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.10	24.06	24.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.08	24.08	24.06	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.06	24.09	24.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.08	24.13	24.07	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.05	24.05	24.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.10	24.12	24.08	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.06	24.08	24.11	25.70

N41 SA&NSA Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.06	18.06	18.02	19.20
		1	137	18.06	17.98	18.06	19.20

		1	271	18.02	18.00	17.99	19.20
		135	0	18.04	17.99	18.04	19.20
		135	69	18.00	18.02	18.10	19.20
		135	138	17.99	18.08	18.10	19.20
		270	0	17.99	18.08	18.08	19.20
	DFT-s-OFDM QPSK	1	1	18.05	18.24	18.06	19.20
		1	137	18.02	18.13	17.98	19.20
		1	271	18.04	18.02	18.05	19.20
		135	0	17.99	18.03	17.98	19.20
		135	69	18.00	18.14	18.06	19.20
		135	138	18.04	18.05	18.02	19.20
	DFT-s-OFDM 16QAM	1	1	18.03	18.04	17.98	19.20
		1	1	18.02	18.10	18.01	19.20
		1	1	18.04	18.09	17.99	19.20
	DFT-s-OFDM 256QAM	1	1	18.04	18.09	17.99	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.83	17.88	17.88	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.84	17.86	17.87	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.89	17.82	17.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.89	17.84	17.91	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.79	17.78	17.83	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.90	17.81	17.85	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.88	17.78	17.79	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.87	17.82	17.85	19.20

N41 SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.49	19.40	20.70
		1	137	19.45	19.48	19.50	20.70
		1	271	19.48	19.50	19.46	20.70
		135	0	19.45	19.45	19.47	20.70
		135	69	19.47	19.55	19.44	20.70
		135	138	19.50	19.46	19.40	20.70
	DFT-s-OFDM QPSK	270	0	19.47	19.46	19.49	20.70
		1	1	19.40	19.58	19.43	20.70
		1	137	19.51	19.44	19.36	20.70
		1	271	19.43	19.46	19.46	20.70
		135	0	19.43	19.39	19.43	20.70
		135	69	19.43	19.67	19.36	20.70
	DFT-s-OFDM 16QAM	135	138	19.40	19.46	19.46	20.70
		270	0	19.43	19.44	19.45	20.70
		1	1	19.47	19.40	19.48	20.70
	DFT-s-OFDM 64QAM	1	1	19.41	19.43	19.50	20.70
	DFT-s-OFDM 256QAM	1	1	19.44	19.45	19.48	20.70
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.30	19.30	19.15	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.24	19.24	19.18	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.29	19.28	19.21	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.29	19.26	19.15	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	19.25	19.30	19.18	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.27	19.29	19.23	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.30	19.26	19.17	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.25	19.30	19.15	20.70

N41 NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.14	23.07	23.08	24.70
		1	137	23.32	23.31	23.27	24.70
		1	271	23.14	23.14	23.22	24.70
		135	0	22.90	22.82	22.88	24.20
		135	69	23.53	23.51	23.50	24.70
		135	138	22.81	22.82	22.91	24.20
		270	0	22.81	22.83	22.82	24.20
	DFT-s-OFDM QPSK	1	1	23.42	23.47	23.38	24.70
		1	137	23.32	23.32	23.32	24.70
		1	271	23.20	23.22	23.24	24.70
		135	0	22.40	22.45	22.40	23.70
		135	69	23.50	23.58	23.45	24.70
		135	138	22.22	22.19	22.26	23.70
	DFT-s-OFDM 16QAM	1	1	22.30	22.23	22.30	23.70
		1	1	21.87	21.87	21.86	23.70
		1	1	20.48	20.47	20.44	22.20
DFT-s-OFDM 256QAM	1	1	19.06	19.10	18.98	20.20	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.72	21.78	21.79	22.20
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.13	23.18	23.24	24.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.13	23.20	23.24	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.16	23.12	23.20	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.19	23.18	23.25	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.16	23.19	23.25	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.13	23.20	23.25	24.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.20	24.70

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	1730	1745	1760	25.10
		1	108	24.01	24.03	24.01	25.10
		1	214	24.20	24.21	24.21	25.10
		108	0	24.03	24.07	24.02	25.10
		108	54	23.73	23.77	23.73	24.60
		108	108	24.29	24.32	24.36	25.10
		216	0	23.76	23.77	23.78	24.60
	DFT-s-OFDM QPSK	1	1	23.68	23.69	23.74	24.60
		1	108	24.34	24.38	24.34	25.10
		1	214	24.23	24.24	24.23	25.10
		108	0	24.16	24.15	24.12	25.10
		108	54	23.24	23.28	23.31	24.10
		108	108	24.29	24.32	24.31	25.10
	DFT-s-OFDM 16QAM	1	1	23.17	23.19	23.19	24.10
		1	1	23.22	23.23	23.16	24.10
	DFT-s-OFDM 64QAM	1	1	22.82	22.78	22.80	24.10
	DFT-s-OFDM 64QAM	1	1	21.34	21.39	21.40	22.60

	DFT-s-OFDM 256QAM	1	1	19.97	19.97	19.95	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.65	22.63	22.63	22.60
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.07	24.06	24.05	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.12	24.06	24.06	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.05	24.11	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.10	24.08	24.09	25.10
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.09	24.13	24.11	25.10

N66 SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.62	19.70	19.62	20.10
		1	108	19.65	19.71	19.60	20.10
		1	214	19.69	19.63	19.61	20.10
		108	0	19.66	19.67	19.63	20.10
		108	54	19.69	19.60	19.62	20.10
		108	108	19.65	19.65	19.62	20.10
	DFT-s-OFDM QPSK	216	0	19.63	19.62	19.69	20.10
		1	1	19.62	19.79	19.70	20.10
		1	108	19.68	19.77	19.61	20.10
		1	214	19.63	19.70	19.67	20.10
		108	0	19.67	19.70	19.63	20.10
		108	54	19.61	19.78	19.68	20.10
	DFT-s-OFDM 16QAM	108	108	19.65	19.62	19.70	20.10
216		0	19.69	19.61	19.69	20.10	
	DFT-s-OFDM 16QAM	1	1	19.62	19.68	19.60	20.10

	DFT-s-OFDM 64QAM	1	1	19.62	19.67	19.62	20.10
	DFT-s-OFDM 256QAM	1	1	19.69	19.65	19.59	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	19.46	19.41	19.44	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.48	19.44	19.40	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.42	19.39	19.39	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.44	19.49	19.45	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.42	19.43	19.39	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.40	19.45	19.41	20.10

N66 SA&NSA Senosr on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up	
				1730	1745	1760		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.60	22.61	22.66	23.10	
		1	108	22.64	22.59	22.68	23.10	
		1	214	22.63	22.59	22.63	23.10	
		108	0	22.59	22.59	22.65	23.10	
		108	54	22.66	22.65	22.61	23.10	
		108	108	22.71	22.65	22.64	23.10	
			216	0	22.59	22.71	22.68	23.10
	DFT-s-OFDM QPSK	1	1	22.69	22.69	22.71	23.10	
		1	108	22.65	22.73	22.59	23.10	
		1	214	22.65	22.65	22.66	23.10	
		108	0	22.67	22.69	22.68	23.10	
		108	54	22.68	22.89	22.64	23.10	
		108	108	22.61	22.69	22.68	23.10	
		108	0	22.64	22.62	22.67	23.10	
216		0	22.64	22.62	22.67	23.10		

	DFT-s-OFDM 16QAM	1	1	22.70	22.71	22.60	23.10
	DFT-s-OFDM 64QAM	1	1	21.34	21.39	21.40	22.60
	DFT-s-OFDM 256QAM	1	1	19.97	19.97	19.95	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.41	22.46	22.45	22.60
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.49	22.51	22.40	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.48	22.49	22.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.51	22.43	22.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.47	22.48	22.40	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.46	22.50	22.49	23.10

N66 NSA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	1730	1745	1760	
		1	108	18.09	18.07	18.15	18.60
		1	214	18.06	18.11	18.11	18.60
		108	0	18.08	18.16	18.12	18.60
		108	54	18.11	18.09	18.05	18.60
		108	108	18.10	18.08	18.10	18.60
	DFT-s-OFDM QPSK	108	108	18.07	18.14	18.14	18.60
		216	0	18.14	18.06	18.04	18.60
		1	1	18.11	18.14	18.09	18.60
		1	108	18.08	18.15	18.10	18.60
		1	214	18.14	18.07	18.08	18.60
		108	0	18.10	18.04	18.16	18.60
		108	54	18.14	18.26	18.10	18.60

		108	108	18.14	18.09	18.14	18.60
		216	0	18.12	18.12	18.14	18.60
	DFT-s-OFDM 16QAM	1	1	18.14	18.12	18.12	18.60
	DFT-s-OFDM 64QAM	1	1	18.09	18.11	18.12	18.60
	DFT-s-OFDM 256QAM	1	1	18.06	18.12	18.05	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	17.93	17.93	17.86	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.93	17.90	17.89	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.91	17.89	17.90	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.86	17.91	17.88	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.92	17.93	17.89	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.89	17.91	17.86	18.60

N77 HPUE				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.11	/	28.40
		1	137	/	27.28	/	28.40
		1	271	/	27.12	/	28.40
		135	0	/	26.89	/	27.90
		135	69	/	27.48	/	28.40
		135	138	/	26.88	/	27.90
	270	0	/	26.84	/	27.90	
	DFT-s-OFDM QPSK	1	1	/	27.34	/	28.40
				/	27.32	/	28.40
				/	27.23	/	28.40

		135	0	/	26.39	/	27.40
		135	69	/	27.42	/	28.40
		135	138	/	26.26	/	27.40
		270	0	/	26.28	/	27.40
	DFT-s-OFDM 16QAM	1	1	/	25.85	/	27.40
	DFT-s-OFDM 64QAM	1	1	/	24.46	/	25.90
	DFT-s-OFDM 256QAM	1	1	/	23.01	/	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	25.70	/	25.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	27.16	27.19	27.22	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	27.15	27.14	27.14	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	27.14	27.18	27.23	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	27.22	27.19	27.20	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	27.16	27.18	27.20	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	27.19	27.16	27.18	28.40

N77 HPUE SA Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.89	/	18.40
		1	137	/	17.87	/	18.40
		1	271	/	17.91	/	18.40

		135	0	/	17.85	/	18.40
		135	69	/	17.96	/	18.40
		135	138	/	17.86	/	18.40
		270	0	/	17.94	/	18.40
	DFT-s-OFDM QPSK	1	1	/	18.01	/	18.40
		1	137	/	17.96	/	18.40
		1	271	/	17.92	/	18.40
		135	0	/	17.88	/	18.40
		135	69	/	17.98	/	18.40
	DFT-s-OFDM 16QAM	135	138	/	17.86	/	18.40
		270	0	/	17.91	/	18.40
		1	1	/	17.95	/	18.40
	DFT-s-OFDM 64QAM	1	1	/	17.94	/	18.40
	DFT-s-OFDM 256QAM	1	1	/	17.84	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.70	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.61	17.70	17.62	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.67	17.60	17.67	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.60	17.59	17.70	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.62	17.71	17.59	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.60	17.62	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.68	17.66	17.61	18.40

N77 HPUE SA&NSA Sensor on

Conducted Power(dBm)

SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.18	/	19.90
		1	137	/	19.19	/	19.90
		1	271	/	19.11	/	19.90
		135	0	/	19.10	/	19.90
		135	69	/	19.08	/	19.90
		135	138	/	19.16	/	19.90
	DFT-s-OFDM QPSK	270	0	/	19.14	/	19.90
		1	1	/	19.12	/	19.90
		1	137	/	19.14	/	19.90
		1	271	/	19.08	/	19.90
		135	0	/	19.15	/	19.90
		135	69	/	19.19	/	19.90
	DFT-s-OFDM 16QAM	135	138	/	19.18	/	19.90
		270	0	/	19.16	/	19.90
	DFT-s-OFDM 64QAM	1	1	/	19.13	/	19.90
	DFT-s-OFDM 256QAM	1	1	/	19.16	/	19.90
	DFT-s-OFDM 256QAM	1	1	/	19.07	/	19.90
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.87	/	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.82	18.88	18.86	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.84	18.92	18.84	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.83	18.91	18.86	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.93	18.83	18.84	19.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.86	18.87	18.92	19.90

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.89	18.92	18.84	19.90

N77 HPUE SA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	23.40
		1	137	/	22.30	/	23.40
		1	271	/	22.47	/	23.40
		135	0	/	22.31	/	23.40
		135	69	/	22.10	/	22.90
		135	138	/	22.71	/	23.40
		270	0	/	22.12	/	22.90
	DFT-s-OFDM QPSK	1	1	/	22.04	/	22.90
		1	137	/	22.77	/	23.40
		1	271	/	22.59	/	23.40
		135	0	/	22.43	/	23.40
		135	69	/	21.61	/	22.40
		135	138	/	22.73	/	23.40
	DFT-s-OFDM 16QAM	1	1	/	21.51	/	22.40
		1	1	/	21.49	/	22.40
		1	1	/	21.06	/	22.40
		1	1	/	19.64	/	20.90
	DFT-s-OFDM 64QAM	1	1	/	18.24	/	18.90
		1	1	/	18.24	/	18.90
	DFT-s-OFDM 256QAM	1	1	/	18.24	/	18.90
		1	1	/	18.24	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	20.90
				/	20.90	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	633000	633334	633668	23.40
				22.37	22.42	22.40	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	632668	633334	634000	23.40
				22.34	22.41	22.43	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	632000	633334	634668	23.40
				22.41	22.43	22.42	23.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	631668	633334	635000	23.40
				22.41	22.43	22.42	23.40

50MHz	DFT-s-OFDM QPSK	1	1	22.38	22.41	22.43	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.39	22.38	22.41	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.39	22.40	22.41	23.40

N77 HPUE				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up	
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	27.08	27.08	27.08	28.40	
		1	137	27.25	27.32	27.30	28.40	
		1	271	27.19	27.16	27.14	28.40	
		135	0	26.82	26.89	26.83	27.90	
		135	69	27.47	27.47	27.53	28.40	
		135	138	26.85	26.85	26.88	27.90	
		270	0	26.82	26.78	26.81	27.90	
	DFT-s-OFDM QPSK	1	1	27.39	27.55	27.34	28.40	
		1	137	27.28	27.27	27.32	28.40	
		1	271	27.20	27.27	27.23	28.40	
		135	0	26.42	26.34	26.35	27.40	
		135	69	27.39	27.60	27.38	28.40	
		135	138	26.24	26.27	26.31	27.40	
	DFT-s-OFDM 16QAM	1	1	25.89	25.91	25.93	27.40	
		1	1	24.46	24.48	24.46	25.90	
		1	1	23.07	23.02	23.09	23.90	
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
	100MHz	CP-OFDM QPSK	1	1	25.70	25.71	25.71	25.90
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	27.16	27.19	27.16	28.40	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	27.16	27.23	27.14	28.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	27.19	27.14	27.18	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	27.15	27.18	27.21	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	27.15	27.14	27.21	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	27.18	27.15	27.19	28.40

N77 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.65	17.66	17.62	18.40	
		1	137	17.57	17.62	17.62	18.40	
		1	271	17.57	17.65	17.60	18.40	
		135	0	17.64	17.58	17.55	18.40	
		135	69	17.63	17.58	17.65	18.40	
		135	138	17.57	17.64	17.67	18.40	
		270	0	17.59	17.61	17.58	18.40	
	DFT-s-OFDM QPSK	1	1	17.55	17.81	17.62	18.40	
		1	137	17.64	17.56	17.69	18.40	
		1	271	17.66	17.60	17.58	18.40	
		135	0	17.59	17.61	17.62	18.40	
		135	69	17.55	17.78	17.64	18.40	
		135	138	17.61	17.65	17.57	18.40	
		270	0	17.63	17.63	17.56	18.40	
	DFT-s-OFDM 16QAM	1	1	17.61	17.57	17.57	18.40	
	DFT-s-OFDM 64QAM	1	1	17.66	17.58	17.67	18.40	
	DFT-s-OFDM 256QAM	1	1	17.62	17.59	17.58	18.40	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	17.30	17.33	17.35	18.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
649668					656000	662334		

90MHz	DFT-s-OFDM QPSK	1	1	17.38	17.34	17.33	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.32	17.41	17.32	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.38	17.37	17.32	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.29	17.34	17.35	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.39	17.33	17.38	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.39	17.39	17.36	18.40

N77 HPUE SA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.04	19.05	19.02	19.90
		1	137	19.02	19.04	19.12	19.90
		1	271	19.02	19.10	19.13	19.90
		135	0	19.04	19.06	19.11	19.90
		135	69	19.09	19.11	19.08	19.90
		135	138	19.04	19.01	19.08	19.90
		270	0	19.07	19.14	19.09	19.90
	DFT-s-OFDM QPSK	1	1	19.05	19.09	19.04	19.90
		1	137	19.10	19.01	19.14	19.90
		1	271	19.13	19.11	19.07	19.90
		135	0	19.01	19.14	19.13	19.90
		135	69	19.14	19.18	19.13	19.90
		135	138	19.14	19.12	19.01	19.90
		270	0	19.12	19.11	19.09	19.90
	DFT-s-OFDM 16QAM	1	1	19.11	19.11	19.08	19.90
	DFT-s-OFDM 64QAM	1	1	19.05	19.09	19.12	19.90

	DFT-s-OFDM 256QAM	1	1	19.09	19.13	19.10	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.86	18.77	18.86	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.88	18.78	18.87	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.80	18.78	18.79	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.82	18.78	18.82	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.82	18.86	18.78	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.85	18.85	18.82	19.90
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.79	18.79	18.80	19.90

N77 HPUE SA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.31	22.28	22.33	23.40
		1	137	22.46	22.55	22.54	23.40
		1	271	22.37	22.35	22.34	23.40
		135	0	22.06	22.10	22.03	22.90
		135	69	22.71	22.70	22.73	23.40
		135	138	22.04	22.10	22.09	22.90
		270	0	22.03	22.01	22.04	22.90
	DFT-s-OFDM QPSK	1	1	22.59	22.89	22.55	23.40
		1	137	22.49	22.50	22.75	23.40
		1	271	22.42	22.47	22.45	23.40
		135	0	21.65	21.56	21.59	22.40
		135	69	22.59	22.80	22.75	23.40
		135	138	21.43	21.50	21.56	22.40

		270	0	21.48	21.53	21.46	22.40
	DFT-s-OFDM 16QAM	1	1	21.11	21.11	21.16	22.40
	DFT-s-OFDM 64QAM	1	1	19.67	19.68	19.65	20.90
	DFT-s-OFDM 256QAM	1	1	18.28	18.24	18.32	18.90
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.78	20.80	20.85	20.90
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.25	22.28	22.28	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.31	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.29	22.30	22.24	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.30	22.32	22.27	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.25	22.33	22.31	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.29	22.31	22.27	23.40

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.16	/	28.40
		1	137	/	27.32	/	28.40
		1	271	/	27.10	/	28.40
		135	0	/	26.87	/	27.90
		135	69	/	27.47	/	28.40
		135	138	/	26.88	/	27.90

		270	0	/	26.81	/	27.90
	DFT-s-OFDM QPSK	1	1	/	27.40	/	28.40
		1	137	/	27.28	/	28.40
		1	271	/	27.19	/	28.40
		135	0	/	26.41	/	27.40
		135	69	/	27.43	/	28.40
		135	138	/	26.23	/	27.40
		270	0	/	26.32	/	27.40
	DFT-s-OFDM 16QAM	1	1	/	25.85	/	27.40
	DFT-s-OFDM 64QAM	1	1	/	24.46	/	25.90
	DFT-s-OFDM 256QAM	1	1	/	23.03	/	23.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	25.70	/	25.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	27.22	27.21	27.17	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	27.15	27.20	27.20	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	27.16	27.22	27.18	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	27.14	27.16	27.19	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	27.20	27.17	27.19	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	27.16	27.18	27.22	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	27.19	27.20	27.21	28.40

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.12	/	28.40
		1	137	/	27.24	/	28.40
		1	271	/	27.16	/	28.40
		135	0	/	26.82	/	27.90
		135	69	/	27.47	/	28.40
		135	138	/	26.83	/	27.90
	DFT-s-OFDM QPSK	1	1	/	27.39	/	28.40
		1	137	/	27.30	/	28.40
		1	271	/	27.28	/	28.40
		135	0	/	26.35	/	27.40
		135	69	/	27.45	/	28.40
		135	138	/	26.30	/	27.40
	DFT-s-OFDM 16QAM	1	1	/	25.90	/	27.40
		1	1	/	24.44	/	25.90
		1	1	/	23.01	/	23.90
DFT-s-OFDM 256QAM	1	1	/				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	25.76	/	25.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	27.21	27.14	27.20	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	27.19	27.19	27.23	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	27.21	27.21	27.17	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	27.17	27.17	27.19	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	27.21	27.15	27.18	28.40
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	27.17	27.18	27.14	28.40
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	27.15	27.21	27.22	28.40

N78 HPUE				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	27.12	/	28.40	
		1	137	/	27.24	/	28.40	
		1	271	/	27.16	/	28.40	
		135	0	/	26.82	/	27.90	
		135	69	/	27.47	/	28.40	
		135	138	/	26.83	/	27.90	
		270	0	/	26.81	/	27.90	
	DFT-s-OFDM QPSK	1	1	/	27.39	/	28.40	
		1	137	/	27.30	/	28.40	
		1	271	/	27.28	/	28.40	
		135	0	/	26.35	/	27.40	
		135	69	/	27.45	/	28.40	
		135	138	/	26.30	/	27.40	
	DFT-s-OFDM 16QAM	1	1	/	25.90	/	27.40	
		1	1	/	24.44	/	25.90	
		1	1	/	23.01	/	23.90	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	25.76	/	25.90
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	27.21	27.14	27.20	28.40	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	27.19	27.19	27.23	28.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	27.21	27.21	27.17	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	27.17	27.17	27.19	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	27.21	27.15	27.18	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	27.17	27.18	27.14	28.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	27.15	27.21	27.22	28.40

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.43	/	20.40
		1	137	/	19.48	/	20.40
		1	271	/	19.47	/	20.40
		135	0	/	19.43	/	20.40
		135	69	/	19.49	/	20.40
		135	138	/	19.49	/	20.40
		270	0	/	19.49	/	20.40
	DFT-s-OFDM QPSK	1	1	/	19.48	/	20.40
		1	137	/	19.53	/	20.40
		1	271	/	19.51	/	20.40
		135	0	/	19.50	/	20.40
		135	69	/	19.61	/	20.40
		135	138	/	19.53	/	20.40
	DFT-s-OFDM 16QAM	1	1	/	19.53	/	20.40
		1	1	/	19.53	/	20.40
		1	1	/	19.48	/	20.40
	256QAM	1	1	/	19.48	/	20.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					633334	/	

100MHz	CP-OFDM QPSK	1	1	/	19.30	/	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.23	19.28	19.28	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.24	19.26	19.28	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.19	19.24	19.18	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.23	19.18	19.21	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.21	19.20	19.24	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.27	19.28	19.28	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.26	19.27	19.30	20.40

N78 HPUE SA&NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.20	/	23.40
		1	137	/	22.45	/	23.40
		1	271	/	22.30	/	23.40
		135	0	/	22.01	/	22.90
		135	69	/	22.57	/	23.40
		135	138	/	21.96	/	22.90
		270	0	/	21.89	/	22.90
	DFT-s-OFDM QPSK	1	1	/	22.46	/	23.40
		1	137	/	22.59	/	23.40
		1	271	/	22.38	/	23.40
		135	0	/	21.43	/	22.40
		135	69	/	22.64	/	23.40
		135	138	/	21.39	/	22.40

		270	0	/	21.43	/	22.40
	DFT-s-OFDM 16QAM	1	1	/	20.99	/	22.40
	DFT-s-OFDM 64QAM	1	1	/	19.60	/	20.90
	DFT-s-OFDM 256QAM	1	1	/	18.12	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	20.86	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.31	22.33	22.26	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.26	22.33	22.28	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.26	22.29	22.31	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.27	22.30	22.25	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.29	22.29	22.27	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.31	22.33	22.25	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.24	22.33	22.29	23.40

N78 HPUE NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM	1	1	/	14.61	/	15.40

	PI/2 BPSK	1	137	/	14.57	/	15.40	
		1	271	/	14.52	/	15.40	
		135	0	/	14.62	/	15.40	
		135	69	/	14.55	/	15.40	
		135	138	/	14.61	/	15.40	
		270	0	/	14.61	/	15.40	
	DFT-s-OFDM QPSK	1	1	/	14.59	/	15.40	
		1	137	/	14.62	/	15.40	
		1	271	/	14.60	/	15.40	
		135	0	/	14.56	/	15.40	
		135	69	/	14.64	/	15.40	
		135	138	/	14.54	/	15.40	
	DFT-s-OFDM 16QAM	1	1	/	14.62	/	15.40	
		1	1	/	14.59	/	15.40	
		1	1	/	14.58	/	15.40	
	DFT-s-OFDM 64QAM	1	1	/	14.58	/	15.40	
	DFT-s-OFDM 256QAM	1	1	/	14.58	/	15.40	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	14.37	/	15.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	14.34	14.34	14.33	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	14.38	14.30	14.39	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	14.34	14.37	14.32	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	14.35	14.37	14.37	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	14.38	14.28	14.28	15.40	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631000	633334	635668		
30MHz	DFT-s-OFDM QPSK	1	1	14.35	14.37	14.29	15.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.37	14.36	14.36	15.40

N78 HPUE NSA Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	16.90	
		1	137	/	16.01	/	16.90	
		1	271	/	16.00	/	16.90	
		135	0	/	16.06	/	16.90	
		135	69	/	16.00	/	16.90	
		135	138	/	16.02	/	16.90	
		270	0	/	16.03	/	16.90	
	DFT-s-OFDM QPSK	1	1	/	16.00	/	16.90	
		1	137	/	15.98	/	16.90	
		1	271	/	16.11	/	16.90	
		135	0	/	16.03	/	16.90	
		135	69	/	16.01	/	16.90	
		135	138	/	16.13	/	16.90	
	DFT-s-OFDM 16QAM	1	1	/	16.02	/	16.90	
		1	1	/	15.98	/	16.90	
		1	1	/	16.00	/	16.90	
	DFT-s-OFDM 64QAM	1	1	/	16.09	/	16.90	
	DFT-s-OFDM 256QAM	1	1	/	16.00	/	16.90	
	15.99	/	16.90					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	/	633334	/	16.90				
100MHz	CP-OFDM QPSK	1	1	/	15.76	/	16.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
633000	633334	633668	16.90					
90MHz	DFT-s-OFDM QPSK	1	1	15.76	15.78	15.85	16.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
632668	633334	634000	16.90					
80MHz	DFT-s-OFDM QPSK	1	1	15.81	15.79	15.77	16.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
632000	633334	634668	16.90					
60MHz	DFT-s-OFDM QPSK	1	1	15.78	15.80	15.72	16.90	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
631668	633334	635000	16.90					

50MHz	DFT-s-OFDM QPSK	1	1	15.82	15.76	15.77	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.75	15.84	15.77	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.73	15.73	15.72	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.75	15.76	15.73	16.90

N78 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.44	/	18.40	
		1	137	/	17.44	/	18.40	
		1	271	/	17.50	/	18.40	
		135	0	/	17.53	/	18.40	
		135	69	/	17.54	/	18.40	
		135	138	/	17.49	/	18.40	
		270	0	/	17.45	/	18.40	
	DFT-s-OFDM QPSK	1	1	/	17.54	/	18.40	
		1	137	/	17.60	/	18.40	
		1	271	/	17.49	/	18.40	
		135	0	/	17.44	/	18.40	
		135	69	/	17.65	/	18.40	
		135	138	/	17.51	/	18.40	
	DFT-s-OFDM 16QAM	1	1	/	17.48	/	18.40	
		1	1	/	17.43	/	18.40	
		1	1	/	17.50	/	18.40	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	17.29	/	18.40
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	17.21	17.22	17.18	18.40	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.20	17.22	17.30	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.20	17.25	17.29	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.19	17.26	17.27	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.20	17.22	17.18	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.26	17.26	17.28	18.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.19	17.24	17.31	18.40

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.54	/	20.40
		1	137	/	19.43	/	20.40
		1	271	/	19.50	/	20.40
		135	0	/	19.50	/	20.40
		135	69	/	19.43	/	20.40
		135	138	/	19.52	/	20.40
		270	0	/	19.46	/	20.40
	DFT-s-OFDM QPSK	1	1	/	19.53	/	20.40
		1	137	/	19.63	/	20.40
		1	271	/	19.43	/	20.40
		135	0	/	19.55	/	20.40
		135	69	/	19.70	/	20.40
		135	138	/	19.55	/	20.40
	DFT-s-OFDM 16QAM	1	1	/	19.48	/	20.40
	DFT-s-OFDM 64QAM	1	1	/	19.45	/	20.40

	DFT-s-OFDM 256QAM	1	1	/	19.50	/	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.20	19.23	19.28	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.28	19.26	19.26	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.28	19.24	19.24	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.21	19.20	19.28	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.18	19.18	19.25	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.29	19.24	19.20	20.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.17	19.21	19.21	20.40

N78 HPUE SA&NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.18	/	23.40
		1	137	/	22.44	/	23.40
		1	271	/	22.24	/	23.40
		135	0	/	22.03	/	22.90
		135	69	/	22.58	/	23.40
		135	138	/	21.93	/	22.90
		270	0	/	21.93	/	22.90
	DFT-s-OFDM		1	1	/	22.47	/

	QPSK	1	137	/	22.49	/	23.40
		1	271	/	22.36	/	23.40
		135	0	/	21.46	/	22.40
		135	69	/	22.51	/	23.40
		135	138	/	21.40	/	22.40
		270	0	/	21.41	/	22.40
	DFT-s-OFDM 16QAM	1	1	/	21.05	/	22.40
	DFT-s-OFDM 64QAM	1	1	/	19.60	/	20.90
	DFT-s-OFDM 256QAM	1	1	/	18.11	/	18.90
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	20.85	/	20.90
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.30	22.28	22.29	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.28	22.28	22.29	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.27	22.31	22.24	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.27	22.29	22.31	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.28	22.32	22.26	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.31	22.30	22.29	23.40
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.30	22.28	22.29	23.40

N78 HPUE NSA Receiver on
Conducted Power(dBm)

SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.43	/	15.40
		1	137	/	14.48	/	15.40
		1	271	/	14.54	/	15.40
		135	0	/	14.52	/	15.40
		135	69	/	14.53	/	15.40
		135	138	/	14.44	/	15.40
		270	0	/	14.52	/	15.40
	DFT-s-OFDM QPSK	1	1	/	14.53	/	15.40
		1	137	/	14.57	/	15.40
		1	271	/	14.44	/	15.40
		135	0	/	14.52	/	15.40
		135	69	/	14.62	/	15.40
		135	138	/	14.49	/	15.40
		270	0	/	14.43	/	15.40
	DFT-s-OFDM 16QAM	1	1	/	14.54	/	15.40
	DFT-s-OFDM 64QAM	1	1	/	14.53	/	15.40
	DFT-s-OFDM 256QAM	1	1	/	14.48	/	15.40
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.30	/	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.23	14.24	14.28	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.29	14.18	14.18	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	14.28	14.18	14.21	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	14.19	14.28	14.20	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	14.20	14.19	14.29	15.40

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.30	14.29	14.27	15.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.24	14.29	14.23	15.40

N78 HPUE NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.04	/	16.90
		1	137	/	16.02	/	16.90
		1	271	/	15.99	/	16.90
		135	0	/	16.07	/	16.90
		135	69	/	16.09	/	16.90
		135	138	/	16.10	/	16.90
		270	0	/	16.00	/	16.90
	DFT-s-OFDM QPSK	1	1	/	16.02	/	16.90
		1	137	/	16.12	/	16.90
		1	271	/	16.00	/	16.90
		135	0	/	16.06	/	16.90
		135	69	/	16.17	/	16.90
		135	138	/	15.99	/	16.90
	DFT-s-OFDM 16QAM	1	1	/	16.05	/	16.90
		1	1	/	15.98	/	16.90
		1	1	/	16.05	/	16.90
	DFT-s-OFDM 256QAM	1	1	/	16.05	/	16.90
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.76	/	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.84	15.83	15.82	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	15.84	15.74	15.77	16.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

60MHz	DFT-s-OFDM QPSK	1	1	15.77	15.76	15.74	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.75	15.73	15.85	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.81	15.85	15.74	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.84	15.78	15.80	16.90
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.75	15.74	15.84	16.90

11.4 Conducted Power of NR Antenna (Ant3)

N7				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	2525	2535	2545		
		1	135	23.30	23.28	23.29	24.70	
		1	268	23.48	23.47	23.47	24.70	
		135	0	23.33	23.31	23.31	24.70	
		135	67	23.01	23.09	23.05	24.20	
		135	135	23.65	23.72	23.69	24.70	
		270	0	23.03	23.05	23.08	24.20	
	DFT-s-OFDM QPSK	1	1	23.05	22.99	23.02	24.20	
		1	135	23.60	23.79	23.65	24.70	
		1	268	23.55	23.54	23.50	24.70	
		135	0	23.41	23.45	23.41	24.70	
		135	67	22.58	22.59	22.55	23.70	
		135	135	23.57	23.59	23.56	24.70	
	DFT-s-OFDM 16QAM	1	1	22.48	22.42	22.48	23.70	
		1	1	22.44	22.46	22.52	23.70	
		1	1	22.05	22.11	22.11	23.70	
	DFT-s-OFDM 64QAM	1	1	20.64	20.65	20.70	22.20	
		1	1	19.25	19.22	19.26	20.20	
	DFT-s-OFDM 256QAM	1	1					
	Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up

50MHz	CP-OFDM QPSK	1	1	21.93	21.89	21.96	22.20
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.35	23.36	23.39	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.38	23.42	23.39	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.39	23.41	23.37	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.39	23.37	23.37	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.42	23.42	23.39	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.43	23.38	23.41	24.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.42	23.35	23.42	24.70

N7 SA&NSA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.77	19.80	19.77	20.70
		1	135	19.81	19.79	19.82	20.70
		1	268	19.85	19.85	19.76	20.70
		135	0	19.79	19.78	19.76	20.70
		135	67	19.78	19.84	19.84	20.70
		135	135	19.80	19.76	19.77	20.70
		270	0	19.81	19.83	19.78	20.70
	DFT-s-OFDM QPSK	1	1	19.74	19.91	19.76	20.70
		1	135	19.80	19.84	19.86	20.70
		1	268	19.80	19.86	19.82	20.70
		135	0	19.77	19.83	19.86	20.70
		135	67	19.81	19.88	19.85	20.70
		135	135	19.82	19.76	19.76	20.70

		270	0	19.87	19.77	19.76	20.70
	DFT-s-OFDM 16QAM	1	1	19.80	19.81	19.86	20.70
	DFT-s-OFDM 64QAM	1	1	19.79	19.87	19.84	20.70
	DFT-s-OFDM 256QAM	1	1	19.25	19.22	19.26	20.20
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	19.61	19.60	19.65	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.65	19.67	19.69	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.67	19.62	19.60	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.61	19.66	19.62	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.71	19.60	19.66	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.66	19.63	19.59	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.65	19.63	19.60	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.64	19.65	19.68	20.70

N7 SA&NSA Receiver off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
50MHz	DFT-s-OFDM	1	1	21.29	21.25	21.33	22.70

	PI/2 BPSK	1	135	21.49	21.49	21.50	22.70	
		1	268	21.36	21.31	21.36	22.70	
		135	0	21.05	21.12	21.01	22.20	
		135	67	21.70	21.71	21.68	22.70	
		135	135	21.00	21.04	21.08	22.20	
		270	0	21.01	21.00	21.00	22.20	
	DFT-s-OFDM QPSK	1	1	21.56	21.61	21.61	22.70	
		1	135	21.53	21.55	21.49	22.70	
		1	268	21.43	21.48	21.37	22.70	
		135	0	20.55	20.58	20.58	21.70	
		135	67	21.59	21.76	21.70	22.70	
		135	135	20.52	20.43	20.50	21.70	
	DFT-s-OFDM 16QAM	1	1	20.07	20.11	20.13	21.70	
		1	1	18.63	18.68	18.75	20.20	
		1	1	17.23	17.27	17.25	18.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
	50MHz	CP-OFDM QPSK	1	1	19.97	19.90	19.97	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM QPSK	1	1	21.34	21.40	21.35	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	21.35	21.38	21.37	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	21.38	21.41	21.44	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502000	507000	512000		
20MHz	DFT-s-OFDM QPSK	1	1	21.39	21.40	21.43	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				501500	507000	512500		
15MHz	DFT-s-OFDM QPSK	1	1	21.38	21.35	21.36	22.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				501000	507000	513000		
10MHz	DFT-s-OFDM QPSK	1	1	21.35	21.34	21.41	22.70	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	21.35	21.35	21.42	22.70

N38				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				518000	519000	520000			
				2590	2595	2600			
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.21	23.19	23.25	24.60		
		1	53	23.40	23.37	23.38	24.60		
		1	104	23.26	23.25	23.25	24.60		
		50	0	22.94	22.94	22.95	24.10		
		50	28	23.45	23.41	23.39	24.60		
		50	56	22.93	22.98	22.91	24.10		
		100	0	22.95	22.91	22.90	24.10		
	DFT-s-OFDM QPSK	1	1	23.39	23.45	23.39	24.60		
		1	53	23.42	23.38	23.45	24.60		
		1	104	23.29	23.33	23.29	24.60		
		50	0	22.48	22.43	22.51	23.60		
		50	28	23.43	23.47	23.46	24.60		
		50	56	22.39	22.37	22.35	23.60		
	DFT-s-OFDM 16QAM	1	1	22.03	21.97	22.02	23.60		
		DFT-s-OFDM 64QAM	1	1	20.55	20.60	20.60	22.10	
			DFT-s-OFDM 256QAM	1	1	19.15	19.17	19.12	20.10
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					518000	519000	520000		
	40MHz	CP-OFDM QPSK	1	1	21.82	21.83	21.83	22.10	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000			
30MHz	DFT-s-OFDM QPSK	1	1	23.25	23.24	23.19	24.60		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				516000	519000	522000			
20MHz	DFT-s-OFDM QPSK	1	1	23.20	23.24	23.23	24.60		

N38 SA&NSA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM	1	1	18.46	18.54	18.47	19.60

	PI/2 BPSK	1	53	18.52	18.47	18.40	19.60	
		1	104	18.50	18.43	18.51	19.60	
		50	0	18.53	18.44	18.51	19.60	
		50	28	18.45	18.47	18.47	19.60	
		50	56	18.54	18.49	18.50	19.60	
		100	0	18.54	18.47	18.55	19.60	
	DFT-s-OFDM QPSK	1	1	18.49	18.49	18.47	19.60	
		1	53	18.58	18.57	18.47	19.60	
		1	104	18.54	18.46	18.48	19.60	
		50	0	18.47	18.52	18.47	19.60	
		50	28	18.54	18.66	18.40	19.60	
		50	56	18.56	18.58	18.46	19.60	
	DFT-s-OFDM 16QAM	1	1	18.47	18.48	18.49	19.60	
		1	1	18.42	18.43	18.45	19.60	
		1	1	18.48	18.51	18.46	19.60	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					518000	519000	520000	
	40MHz	CP-OFDM QPSK	1	1	18.33	18.28	18.36	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
30MHz	DFT-s-OFDM QPSK	1	1	18.26	18.33	18.33	19.60	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
20MHz	DFT-s-OFDM QPSK	1	1	18.25	18.28	18.29	19.60	

N38 SA&NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.28	20.25	20.31	21.60
		1	53	20.54	20.48	20.49	21.60
		1	104	20.33	20.40	20.33	21.60
		50	0	20.08	20.06	20.06	21.10
		50	28	20.53	20.53	20.52	21.60
		50	56	20.06	20.10	20.02	21.10
	DFT-s-OFDM QPSK	100	0	20.08	20.06	20.00	21.10
		1	1	20.45	20.59	20.48	21.60
		1	53	20.56	20.48	20.58	21.60
		1	104	20.40	20.41	20.37	21.60
		50	0	19.58	19.54	19.58	20.60
		50	28	20.54	20.61	20.55	21.60
		50	56	19.50	19.51	19.49	20.60
		100	0	19.47	19.54	19.54	20.60

	DFT-s-OFDM 16QAM	1	1	19.13	19.08	19.12	20.60
	DFT-s-OFDM 64QAM	1	1	17.66	17.69	17.68	19.10
	DFT-s-OFDM 256QAM	1	1	16.25	16.28	16.26	17.10
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	18.95	18.97	18.95	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.39	20.30	20.26	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.34	20.38	20.31	21.60

N41				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
				2546.01	2592.99	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.21	23.23	23.21	24.60	
		1	137	23.40	23.40	23.41	24.60	
		1	271	23.21	23.27	23.28	24.60	
		135	0	22.91	22.97	22.94	24.10	
		135	69	23.47	23.51	23.43	24.60	
		135	138	22.97	22.98	22.98	24.10	
		270	0	22.90	22.88	22.90	24.10	
	DFT-s-OFDM QPSK	1	1	23.55	23.60	23.55	24.60	
		1	137	23.45	23.42	23.37	24.60	
		1	271	23.32	23.33	23.33	24.60	
		135	0	22.46	22.50	22.45	23.60	
		135	69	23.43	23.52	23.43	24.60	
		135	138	22.34	22.34	22.38	23.60	
	270	0	22.34	22.40	22.37	23.60		
		DFT-s-OFDM 16QAM	1	1	21.95	22.02	21.99	23.60
		DFT-s-OFDM 64QAM	1	1	20.59	20.59	20.54	22.10
		DFT-s-OFDM 256QAM	1	1	19.14	19.11	19.11	20.10
	Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.81	21.86	21.80	22.10	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.27	23.30	23.33	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.31	23.25	23.28	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.32	23.25	23.32	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.30	23.29	23.29	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.27	23.25	23.26	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.30	23.33	23.24	24.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.25	23.33	23.26	24.60

N41 SA&NSA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2592.99	2640	19.60
		1	137	18.63	18.58	18.66	19.60
		1	271	18.56	18.64	18.67	19.60
		135	0	18.64	18.56	18.56	19.60
		135	69	18.56	18.62	18.65	19.60
		135	138	18.55	18.66	18.63	19.60
	DFT-s-OFDM QPSK	270	0	18.58	18.63	18.61	19.60
		1	1	18.66	18.60	18.57	19.60
		1	137	18.54	18.69	18.62	19.60
		1	271	18.65	18.68	18.55	19.60
		1	271	18.62	18.59	18.59	19.60
		135	0	18.62	18.56	18.65	19.60
		135	69	18.67	18.71	18.55	19.60
		135	138	18.54	18.63	18.66	19.60
270	0	18.55	18.58	18.56	19.60		

	DFT-s-OFDM 16QAM	1	1	18.58	18.62	18.64	19.60
	DFT-s-OFDM 64QAM	1	1	18.55	18.57	18.61	19.60
	DFT-s-OFDM 256QAM	1	1	18.58	18.63	18.64	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.52	18.47	18.52	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.42	18.49	18.54	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.51	18.49	18.44	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.53	18.47	18.49	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.50	18.47	18.50	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.43	18.43	18.47	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.52	18.45	18.42	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.49	18.45	18.44	19.60

N41 SA Receiver off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.32	20.32	21.60
		1	137	20.47	20.49	20.55	21.60

		1	271	20.41	20.40	20.36	21.60
		135	0	20.01	20.07	19.98	21.10
		135	69	20.57	20.57	20.59	21.60
		135	138	20.10	20.07	20.06	21.10
		270	0	20.03	20.04	20.02	21.10
	DFT-s-OFDM QPSK	1	1	20.68	20.75	20.58	21.60
		1	137	20.50	20.51	20.50	21.60
		1	271	20.46	20.50	20.44	21.60
		135	0	19.65	19.63	19.55	20.60
		135	69	20.59	20.67	20.63	21.60
		135	138	19.45	19.40	19.43	20.60
	DFT-s-OFDM 16QAM	270	0	19.44	19.47	19.49	20.60
		1	1	19.15	19.09	19.10	20.60
		1	1	17.73	17.72	17.65	19.10
DFT-s-OFDM 256QAM	1	1	16.29	16.33	16.32	17.10	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.85	18.84	18.97	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.38	20.38	20.38	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.36	20.35	20.45	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.40	20.43	20.39	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.36	20.40	20.42	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.42	20.38	20.40	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.37	20.38	20.38	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.39	20.38	20.42	21.60

N41 NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.82	19.81	19.79	21.10
		1	137	20.03	19.98	20.06	21.10
		1	271	19.91	19.90	19.87	21.10
		135	0	19.62	19.59	19.52	20.60
		135	69	20.05	20.09	20.12	21.10
		135	138	19.53	19.56	19.59	20.60
	DFT-s-OFDM QPSK	270	0	19.52	19.57	19.48	20.60
		1	1	20.20	20.22	20.10	21.10
		1	137	20.06	19.99	19.97	21.10
		1	271	20.00	20.01	19.91	21.10
		135	0	19.17	19.11	19.10	20.10
		135	69	20.23	20.24	20.13	21.10
	DFT-s-OFDM 16QAM	135	138	18.90	18.88	18.95	20.10
		270	0	18.93	19.01	19.03	20.10
		DFT-s-OFDM 64QAM	1	1	18.59	18.58	18.57
	DFT-s-OFDM 256QAM	1	1	17.21	17.23	17.19	18.60
	DFT-s-OFDM 256QAM	1	1	15.87	15.84	15.84	16.60
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.30	18.34	18.45	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.88	19.90	19.87	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.89	19.88	19.92	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.88	19.86	19.86	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	

50MHz	DFT-s-OFDM QPSK	1	1	19.91	19.88	19.89	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.90	19.90	19.93	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.86	19.85	19.93	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.85	19.88	19.88	21.10

N66				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.38	23.40	23.38	23.70
		1	108	23.58	23.61	23.56	23.70
		1	214	23.46	23.41	23.40	23.70
		108	0	23.17	23.18	23.18	23.20
		108	54	23.59	23.67	23.58	23.70
		108	108	23.15	23.14	23.15	23.20
	DFT-s-OFDM QPSK	216	0	23.10	23.13	23.15	23.20
		1	1	23.63	23.67	23.62	23.70
		1	108	23.62	23.59	23.58	23.70
		1	214	23.57	23.55	23.53	23.70
		108	0	22.61	22.61	22.62	22.70
		108	54	23.64	23.65	23.64	23.70
	DFT-s-OFDM 16QAM	108	108	22.55	22.55	22.60	22.70
		216	0	22.56	22.60	22.56	22.70
		1	1	22.15	22.19	22.15	22.70
		1	1	20.79	20.73	20.78	21.20
		1	1	19.15	19.17	19.11	19.20
		1	1	19.15	19.17	19.11	19.20
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.02	21.99	22.03	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.50	23.47	23.51	23.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.46	23.44	23.49	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.46	23.48	23.47	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.46	23.48	23.52	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.46	23.47	23.52	23.70

N66 SA&NSA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.67	21.54	21.67	21.70
		1	108	21.62	21.61	21.63	21.70
		1	214	21.62	21.55	21.60	21.70
		108	0	21.56	21.61	21.63	21.70
		108	54	21.62	21.64	21.63	21.70
		108	108	21.63	21.56	21.54	21.70
	DFT-s-OFDM QPSK	216	0	21.63	21.58	21.57	21.70
		1	1	21.62	21.69	21.56	21.70
		1	108	21.60	21.65	21.56	21.70
		1	214	21.65	21.56	21.65	21.70
		108	0	21.56	21.58	21.62	21.70
		108	54	21.64	21.66	21.57	21.70
	DFT-s-OFDM 16QAM	108	108	21.64	21.61	21.66	21.70
		216	0	21.62	21.62	21.58	21.70
	DFT-s-OFDM 64QAM	1	1	21.66	21.63	21.58	21.70
	DFT-s-OFDM 256QAM	1	1	20.79	20.73	20.78	21.20
	DFT-s-OFDM 256QAM	1	1	19.15	19.17	19.11	19.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
346000					349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.67	21.65	21.59	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	

30MHz	DFT-s-OFDM QPSK	1	1	21.43	21.46	21.47	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.45	21.51	21.50	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.42	21.46	21.43	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.53	21.47	21.54	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.47	21.47	21.43	21.70

11.5 Conducted Power of NR Antenna (Ant4)

N77 HPUE				Conducted Power(dBm)																		
SCS 30kHz(3450~3550)																						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up															
				/	633334	/																
				/	3500	/																
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.03	/	26.30															
		1	137	/	25.19	/	26.30															
		1	271	/	25.06	/	26.30															
		135	0	/	24.77	/	25.80															
		135	69	/	25.30	/	26.30															
		135	138	/	24.72	/	25.80															
		270	0	/	24.77	/	25.80															
	DFT-s-OFDM QPSK	1	1	/	25.35	/	26.30															
		1	137	/	25.22	/	26.30															
		1	271	/	25.10	/	26.30															
		135	0	/	24.25	/	25.30															
		135	69	/	25.33	/	26.30															
		135	138	/	24.13	/	25.30															
	DFT-s-OFDM 16QAM	1	1	1	/	23.83	/	25.30														
									DFT-s-OFDM 64QAM	1	1	/	22.37	/	23.80							
																DFT-s-OFDM 256QAM	1	1	/	20.94	/	21.80

100MHz	CP-OFDM QPSK	1	1	/	23.58	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	25.06	25.08	25.06	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	25.11	25.11	25.06	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.13	25.10	25.06	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	25.06	25.10	25.09	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	25.09	25.08	25.05	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.07	25.09	25.04	26.30

N77 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.05	25.02	25.03	26.30
		1	137	25.22	25.19	25.21	26.30
		1	271	25.03	25.03	25.06	26.30
		135	0	24.79	24.72	24.78	25.80
		135	69	25.16	25.31	25.18	26.30
		135	138	24.74	24.78	24.79	25.80
		270	0	24.77	24.74	24.75	25.80
	DFT-s-OFDM QPSK	1	1	25.26	25.37	25.26	26.30
		1	137	25.24	25.24	25.20	26.30
		1	271	25.15	25.09	25.14	26.30
		135	0	24.31	24.27	24.23	25.30
		135	69	25.29	25.35	25.33	26.30
		135	138	24.17	24.12	24.15	25.30
	DFT-s-OFDM 16QAM	1	1	23.76	23.77	23.83	25.30

	DFT-s-OFDM 64QAM	1	1	22.34	22.33	22.33	23.80
	DFT-s-OFDM 256QAM	1	1	20.96	20.98	20.98	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	23.64	23.64	23.59	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	25.08	25.09	25.13	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	25.13	25.11	25.12	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.07	25.13	25.11	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	25.12	25.06	25.08	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	25.11	25.05	25.04	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.05	25.13	25.08	26.30

N77 HPUE SA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.42	/	22.30
		1	137	/	21.39	/	22.30
		1	271	/	21.40	/	22.30
		135	0	/	21.40	/	22.30
		135	69	/	21.40	/	22.30
		135	138	/	21.32	/	22.30
	270	0	/	21.38	/	22.30	
	DFT-s-OFDM QPSK	1	1	/	21.51	/	22.30
		1	137	/	21.46	/	22.30
1		271	/	21.40	/	22.30	

		135	0	/	21.33	/	22.30
		135	69	/	21.49	/	22.30
		135	138	/	21.40	/	22.30
		270	0	/	21.44	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	21.43	/	22.30
DFT-s-OFDM 64QAM	1	1	/	21.39	/	22.30	
DFT-s-OFDM 256QAM	1	1	/	20.94	/	21.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.15	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.25	21.27	21.17	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.24	21.18	21.16	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.20	21.19	21.16	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.24	21.19	21.22	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.19	21.21	21.19	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.20	21.24	21.23	22.30

N77 HPUE SA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.29	/	24.30
		1	137	/	23.29	/	24.30
		1	271	/	23.34	/	24.30

		135	0	/	23.33	/	24.30
		135	69	/	23.27	/	24.30
		135	138	/	23.39	/	24.30
		270	0	/	23.35	/	24.30
	DFT-s-OFDM QPSK	1	1	/	23.38	/	24.30
		1	137	/	23.41	/	24.30
		1	271	/	23.39	/	24.30
		135	0	/	23.33	/	24.30
		135	69	/	23.46	/	24.30
	DFT-s-OFDM 16QAM	135	138	/	23.39	/	24.30
		270	0	/	23.37	/	24.30
		1	1	/	23.33	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.37	/	23.80
DFT-s-OFDM 256QAM	1	1	/	20.94	/	21.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.29	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.20	23.09	23.18	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.12	23.20	23.16	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.15	23.13	23.13	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.15	23.08	23.18	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.16	23.11	23.08	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.18	23.13	23.15	24.30

N77 HPUE SA Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.44	21.39	22.30
		1	137	21.41	21.41	21.40	22.30
		1	271	21.35	21.45	21.43	22.30
		135	0	21.45	21.37	21.43	22.30
		135	69	21.41	21.41	21.51	22.30
		135	138	21.35	21.44	21.41	22.30
		270	0	21.46	21.49	21.39	22.30
	DFT-s-OFDM QPSK	1	1	21.42	21.48	21.38	22.30
		1	137	21.50	21.62	21.51	22.30
		1	271	21.43	21.38	21.45	22.30
		135	0	21.43	21.44	21.43	22.30
		135	69	21.32	21.54	21.53	22.30
		135	138	21.45	21.44	21.51	22.30
		270	0	21.44	21.34	21.37	22.30
	DFT-s-OFDM 16QAM	1	1	21.38	21.43	21.44	22.30
	DFT-s-OFDM 64QAM	1	1	21.47	21.35	21.39	22.30
	DFT-s-OFDM 256QAM	1	1	20.96	20.98	20.98	21.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.25	21.25	21.18	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334	
90MHz	DFT-s-OFDM QPSK	1	1	21.17	21.23	21.21	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662668	
80MHz	DFT-s-OFDM QPSK	1	1	21.23	21.23	21.21	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	21.26	21.25	21.21	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	21.20	21.26	21.18	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	

40MHz	DFT-s-OFDM QPSK	1	1	21.22	21.30	21.16	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.22	21.30	21.23	22.30

N77 HPUE SA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.29	23.39	23.36	24.30
		1	137	23.37	23.33	23.39	24.30
		1	271	23.28	23.37	23.32	24.30
		135	0	23.36	23.37	23.37	24.30
		135	69	23.33	23.32	23.36	24.30
		135	138	23.29	23.36	23.30	24.30
		270	0	23.39	23.34	23.36	24.30
	DFT-s-OFDM QPSK	1	1	23.39	23.29	23.28	24.30
		1	137	23.39	23.40	23.48	24.30
		1	271	23.31	23.29	23.34	24.30
		135	0	23.29	23.37	23.31	24.30
		135	69	23.30	23.59	23.53	24.30
		135	138	23.29	23.38	23.33	24.30
		270	0	23.32	23.38	23.36	24.30
	DFT-s-OFDM 16QAM	1	1	23.40	23.29	23.28	24.30
	DFT-s-OFDM 64QAM	1	1	22.34	22.33	22.33	23.80
	DFT-s-OFDM 256QAM	1	1	20.96	20.98	20.98	21.80
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000
100MHz	CP-OFDM QPSK	1	1	23.12	23.09	23.11	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.19	23.13	23.13	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.19	23.09	23.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.16	23.19	23.14	24.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	23.12	23.19	23.18	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.14	23.08	23.14	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	23.10	23.14	23.10	24.30

N78				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	26.30
		1	137	/	25.00	/	26.30
		1	271	/	25.22	/	26.30
		135	0	/	25.04	/	26.30
		135	69	/	24.76	/	25.80
		135	138	/	25.28	/	26.30
		270	0	/	24.77	/	25.80
	DFT-s-OFDM QPSK	1	1	/	25.23	/	26.30
		1	137	/	25.21	/	26.30
		1	271	/	25.13	/	26.30
		135	0	/	24.25	/	25.30
		135	69	/	25.28	/	26.30
		135	138	/	24.17	/	25.30
	DFT-s-OFDM 16QAM	1	1	/	24.20	/	25.30
		1	1	/	23.79	/	25.30
		1	1	/	22.34	/	23.80
		1	1	/	20.97	/	21.80
		1	1	/	23.65	/	23.80
		1	1	/	23.65	/	23.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					633334	/	
100MHz	CP-OFDM QPSK	1	1		23.65		23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	25.11	25.07	25.06	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

80MHz	DFT-s-OFDM QPSK	1	1	25.06	25.09	25.08	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.12	25.13	25.10	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	25.09	25.13	25.06	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	25.09	25.08	25.10	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	25.09	25.07	25.04	26.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.13	25.12	25.12	26.30

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.99	/	26.30
		1	137	/	25.19	/	26.30
		1	271	/	25.05	/	26.30
		135	0	/	24.71	/	25.80
		135	69	/	25.29	/	26.30
		135	138	/	24.76	/	25.80
		270	0	/	24.73	/	25.80
	DFT-s-OFDM QPSK	1	1	/	25.28	/	26.30
		1	137	/	25.19	/	26.30
		1	271	/	25.12	/	26.30
		135	0	/	24.30	/	25.30
		135	69	/	25.32	/	26.30
		135	138	/	24.17	/	25.30
	DFT-s-OFDM 16QAM	1	1	/	23.76	/	25.30
		1	1	/	22.36	/	23.80

	DFT-s-OFDM 256QAM	1	1	/	20.96	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	23.62	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	25.10	25.08	25.12	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	25.12	25.12	25.10	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	25.12	25.08	25.12	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	25.06	25.11	25.05	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	25.06	25.06	25.04	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	25.11	25.06	25.12	26.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	25.11	25.04	25.09	26.30

SA Sensor on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.02	/	21.80
		1	137	/	20.92	/	21.80
		1	271	/	21.01	/	21.80
		135	0	/	20.96	/	21.80
		135	69	/	21.00	/	21.80
		135	138	/	21.02	/	21.80
		270	0	/	20.99	/	21.80
	DFT-s-OFDM		1	1	/	21.01	/

	QPSK	1	137	/	21.07	/	21.80
		1	271	/	20.97	/	21.80
		135	0	/	20.93	/	21.80
		135	69	/	21.10	/	21.80
		135	138	/	21.03	/	21.80
		270	0	/	21.03	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	20.97	/	21.80
	DFT-s-OFDM 64QAM	1	1	/	20.96	/	21.80
	DFT-s-OFDM 256QAM	1	1	/	20.97	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.82	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.71	20.80	20.86	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.77	20.83	20.88	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.71	20.80	20.82	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.69	20.80	20.83	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.71	20.83	20.84	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.69	20.87	20.82	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.73	20.83	20.85	21.80

N78 HPUE SA&NSA Senosr on

Conducted Power(dBm)

SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.34	/	24.30
		1	137	/	23.26	/	24.30
		1	271	/	23.32	/	24.30
		135	0	/	23.39	/	24.30
		135	69	/	23.28	/	24.30
		135	138	/	23.33	/	24.30
		270	0	/	23.39	/	24.30
	DFT-s-OFDM QPSK	1	1	/	23.36	/	24.30
		1	137	/	23.43	/	24.30
		1	271	/	23.36	/	24.30
		135	0	/	23.30	/	24.30
		135	69	/	23.46	/	24.30
		135	138	/	23.37	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.30	/	24.30
		1	1	/	22.34	/	23.80
1		1	/	20.97	/	21.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.27	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.17	23.16	23.06	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.13	23.14	23.14	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.14	23.15	23.16	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.19	23.12	23.14	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.07	23.18	23.16	24.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	23.11	23.08	23.09	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.16	23.16	23.11	24.30

N78 HPUE NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.98	/	19.80
		1	137	/	18.92	/	19.80
		1	271	/	18.92	/	19.80
		135	0	/	18.88	/	19.80
		135	69	/	18.93	/	19.80
		135	138	/	18.95	/	19.80
		270	0	/	18.81	/	19.80
	DFT-s-OFDM QPSK	1	1	/	18.95	/	19.80
		1	137	/	18.96	/	19.80
		1	271	/	18.83	/	19.80
		135	0	/	18.88	/	19.80
		135	69	/	19.00	/	19.80
		135	138	/	18.84	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	18.88	/	19.80
		1	1	/	18.86	/	19.80
		1	1	/	18.97	/	19.80
	DFT-s-OFDM 256QAM	1	1	/	18.97	/	19.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.72	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.74	18.73	18.69	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.75	18.76	18.72	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	18.72	18.78	18.72	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.71	18.76	18.70	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.71	18.75	18.65	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.72	18.78	18.69	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.77	18.73	18.71	19.80

N78 HPUE SA Sensor on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3750.00	/	21.80	
		1	137	/	20.98	/	21.80	
		1	271	/	20.92	/	21.80	
		135	0	/	21.02	/	21.80	
		135	69	/	21.00	/	21.80	
		135	138	/	20.92	/	21.80	
		270	0	/	21.03	/	21.80	
	DFT-s-OFDM QPSK	1	1	/	21.01	/	21.80	
		1	137	/	20.97	/	21.80	
		1	271	/	21.03	/	21.80	
		135	0	/	20.96	/	21.80	
		135	69	/	20.94	/	21.80	
		135	138	/	21.05	/	21.80	
		270	0	/	20.99	/	21.80	
	DFT-s-OFDM 16QAM	1	1	/	21.03	/	21.80	
	DFT-s-OFDM 64QAM	1	1	/	20.99	/	21.80	
	DFT-s-OFDM 256QAM	1	1	/	20.90	/	21.80	
	20.96	/	21.80					
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	20.87	/	21.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.71	20.87	20.89	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.75	20.84	20.89	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.74	20.84	20.86	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.76	20.86	20.87	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.69	20.81	20.88	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.78	20.87	20.83	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.71	20.85	20.81	21.80

N78 HPUE SA&NSA SA&NSA Senosr on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.28	/	24.30
		1	137	/	23.30	/	24.30
		1	271	/	23.30	/	24.30
		135	0	/	23.27	/	24.30
		135	69	/	23.33	/	24.30
		135	138	/	23.28	/	24.30
		270	0	/	23.29	/	24.30
	DFT-s-OFDM QPSK	1	1	/	23.39	/	24.30
		1	137	/	23.41	/	24.30
		1	271	/	23.32	/	24.30
		135	0	/	23.32	/	24.30
		135	69	/	23.47	/	24.30
		135	138	/	23.26	/	24.30
		270	0	/	23.30	/	24.30

	DFT-s-OFDM 16QAM	1	1	/	23.33	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.36	/	23.80
	DFT-s-OFDM 256QAM	1	1	/	20.96	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	23.38	/	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.14	23.07	23.07	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.09	23.11	23.11	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.15	23.09	23.11	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.19	23.15	23.06	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.14	23.17	23.09	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.09	23.14	23.16	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.12	23.08	23.11	24.30

N78 HPUE NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.97	/	19.80
		1	137	/	18.91	/	19.80

		1	271	/	18.89	/	19.80
		135	0	/	18.84	/	19.80
		135	69	/	18.90	/	19.80
		135	138	/	18.87	/	19.80
		270	0	/	18.81	/	19.80
	DFT-s-OFDM QPSK	1	1	/	18.91	/	19.80
		1	137	/	18.97	/	19.80
		1	271	/	18.88	/	19.80
		135	0	/	18.85	/	19.80
		135	69	/	18.98	/	19.80
		135	138	/	18.90	/	19.80
		270	0	/	18.83	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	18.97	/	19.80
	DFT-s-OFDM 64QAM	1	1	/	18.91	/	19.80
	DFT-s-OFDM 256QAM	1	1	/	18.96	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.76	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.76	18.71	18.70	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.73	18.78	18.72	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.74	18.78	18.68	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.72	18.74	18.67	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.71	18.75	18.69	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.75	18.73	18.66	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.72	18.72	18.67	19.80

11.6 Conducted Power of NR Antenna (Ant5)

N77 HPUE				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.98	/	27.50	
		1	137	/	26.21	/	27.50	
		1	271	/	26.09	/	27.50	
		135	0	/	25.74	/	27.00	
		135	69	/	26.27	/	27.50	
		135	138	/	25.75	/	27.00	
		270	0	/	25.72	/	27.00	
	DFT-s-OFDM QPSK	1	1	/	26.34	/	27.50	
		1	137	/	26.23	/	27.50	
		1	271	/	26.10	/	27.50	
		135	0	/	25.30	/	26.50	
		135	69	/	26.32	/	27.50	
		135	138	/	25.15	/	26.50	
		270	0	/	25.20	/	26.50	
	DFT-s-OFDM 16QAM	1	1	/	24.81	/	26.50	
	DFT-s-OFDM 64QAM	1	1	/	23.34	/	25.00	
	DFT-s-OFDM 256QAM	1	1	/	21.96	/	23.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	24.61	/	25.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	26.09	26.07	26.08	27.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	26.08	26.12	26.08	27.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	26.10	26.09	26.06	27.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.08	26.07	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.06	26.09	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.06	26.09	26.08	27.50

N77 HPUE				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.04	25.98	26.01	27.50	
		1	137	26.19	26.22	26.15	27.50	
		1	271	26.08	26.04	26.09	27.50	
		135	0	25.80	25.78	25.72	27.00	
		135	69	26.22	26.32	26.14	27.50	
		135	138	25.72	25.78	25.74	27.00	
		270	0	25.70	25.75	25.68	27.00	
	DFT-s-OFDM QPSK	1	1	26.29	26.23	26.23	27.50	
		1	137	26.19	26.23	26.19	27.50	
		1	271	26.17	26.16	26.10	27.50	
		135	0	25.28	25.27	25.28	26.50	
		135	69	26.27	26.41	26.30	27.50	
		135	138	25.12	25.16	25.15	26.50	
	DFT-s-OFDM 16QAM	1	1	24.78	24.82	24.78	26.50	
				23.33	23.33	23.33	25.00	
				21.90	21.91	21.93	23.00	
				21.90	21.91	21.93	23.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	24.63	24.64	24.65	25.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662334		
90MHz	DFT-s-OFDM QPSK	1	1	26.08	26.04	26.11	27.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662668		

80MHz	DFT-s-OFDM QPSK	1	1	26.06	26.06	26.08	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.11	26.04	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.10	26.10	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.13	26.07	26.11	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.04	26.10	26.09	27.50

N77 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.35	/	17.50
		1	137	/	16.33	/	17.50
		1	271	/	16.49	/	17.50
		135	0	/	16.38	/	17.50
		135	69	/	16.45	/	17.50
		135	138	/	16.36	/	17.50
		270	0	/	16.39	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.63	/	17.50
		1	137	/	16.54	/	17.50
		1	271	/	16.48	/	17.50
		135	0	/	16.41	/	17.50
		135	69	/	16.58	/	17.50
		135	138	/	16.47	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.38	/	17.50
		1	1	/	16.43	/	17.50
		1	1	/	16.35	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	16.26	/	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.20	16.22	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.14	16.22	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.18	16.20	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.22	16.23	16.16	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.17	16.26	16.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.24	16.15	17.50

N77 HPUE SA Sensor on				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	22.50	
		1	137	/	21.33	/	22.50	
		1	271	/	21.37	/	22.50	
		135	0	/	21.43	/	22.50	
		135	69	/	21.42	/	22.50	
		135	138	/	21.33	/	22.50	
		270	0	/	21.40	/	22.50	
	DFT-s-OFDM QPSK	1	1	/	21.38	/	22.50	
		1	137	/	21.38	/	22.50	
		1	271	/	21.45	/	22.50	
		135	0	/	21.38	/	22.50	
		135	69	/	21.42	/	22.50	
		135	138	/	21.50	/	22.50	
	DFT-s-OFDM 16QAM	1	1	/	21.34	/	22.50	
	DFT-s-OFDM 64QAM	1	1	/	21.36	/	22.50	
					/	21.35	/	22.50

	DFT-s-OFDM 256QAM	1	1	/	21.37	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.22	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.18	21.11	21.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.13	21.12	21.20	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.15	21.15	21.15	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.12	21.23	21.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.14	21.16	21.19	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.14	21.14	21.11	22.50

N77 HPUE SA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.62	/	25.00
		1	137	/	23.82	/	25.00
		1	271	/	23.69	/	25.00
		135	0	/	23.36	/	24.50
		135	69	/	23.91	/	25.00
		135	138	/	23.38	/	24.50
		270	0	/	23.31	/	24.50
	DFT-s-OFDM QPSK	1	1	/	24.05	/	25.00
		1	137	/	23.97	/	25.00
		1	271	/	23.75	/	25.00
		135	0	/	22.90	/	24.00
		135	69	/	24.00	/	25.00
		135	138	/	22.75	/	24.00

		270	0	/	22.82	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.43	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	20.96	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.57	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.21	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.67	23.68	23.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.72	23.66	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.67	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.74	23.70	23.72	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.71	23.66	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.70	23.66	23.71	25.00

N77 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.39	16.37	16.41	17.50
		1	137	16.33	16.42	16.35	17.50
		1	271	16.48	16.43	16.43	17.50
		135	0	16.40	16.37	16.42	17.50
		135	69	16.42	16.40	16.40	17.50
		135	138	16.37	16.40	16.32	17.50

		270	0	16.41	16.40	16.42	17.50
	DFT-s-OFDM QPSK	1	1	16.41	16.61	16.43	17.50
		1	137	16.51	16.52	16.49	17.50
		1	271	16.43	16.50	16.47	17.50
		135	0	16.43	16.36	16.37	17.50
		135	69	16.49	16.58	16.55	17.50
		135	138	16.42	16.40	16.49	17.50
		270	0	16.41	16.39	16.36	17.50
	DFT-s-OFDM 16QAM	1	1	16.42	16.44	16.40	17.50
	DFT-s-OFDM 64QAM	1	1	16.40	16.39	16.41	17.50
	DFT-s-OFDM 256QAM	1	1	16.40	16.39	16.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662334	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662668	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663334	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	656000	663668	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	656000	664000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	656000	664668	17.50

N77 HPUE SA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	

				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.42	21.41	22.50	
		1	137	21.39	21.39	21.36	22.50	
		1	271	21.40	21.43	21.40	22.50	
		135	0	21.33	21.45	21.44	22.50	
		135	69	21.44	21.46	21.35	22.50	
		135	138	21.42	21.41	21.39	22.50	
		270	0	21.34	21.40	21.38	22.50	
	DFT-s-OFDM QPSK	1	1	21.41	21.45	21.44	22.50	
		1	137	21.41	21.37	21.51	22.50	
		1	271	21.43	21.38	21.40	22.50	
		135	0	21.36	21.40	21.45	22.50	
		135	69	21.34	21.44	21.57	22.50	
		135	138	21.37	21.35	21.42	22.50	
		270	0	21.41	21.34	21.36	22.50	
	DFT-s-OFDM 16QAM	1	1	21.43	21.40	21.43	22.50	
	DFT-s-OFDM 64QAM	1	1	21.36	21.42	21.34	22.50	
	DFT-s-OFDM 256QAM	1	1	21.40	21.40	21.36	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
	100MHz	CP-OFDM QPSK	1	1	21.22	21.15	21.22	22.50
	Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
	90MHz	DFT-s-OFDM QPSK	1	1	21.19	21.16	21.19	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	21.19	21.12	21.14	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	21.15	21.22	21.22	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	21.19	21.24	21.24	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	21.19	21.22	21.20	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up	

20MHz	DFT-s-OFDM QPSK	1	1	21.11	21.17	21.16	22.50
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N77 HPUE SA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.66	23.57	23.66	25.00
		1	137	23.83	23.84	23.78	25.00
		1	271	23.72	23.63	23.71	25.00
		135	0	23.45	23.42	23.30	24.50
		135	69	23.86	23.93	23.74	25.00
		135	138	23.37	23.43	23.38	24.50
	DFT-s-OFDM QPSK	270	0	23.35	23.35	23.29	24.50
		1	1	23.89	23.96	23.84	25.00
		1	137	23.84	23.86	23.79	25.00
		1	271	23.80	23.77	23.69	25.00
		135	0	22.90	22.86	22.92	24.00
		135	69	23.86	23.94	23.86	25.00
	DFT-s-OFDM 16QAM	135	138	22.76	22.79	22.75	24.00
		270	0	22.80	22.81	22.83	24.00
		1	1	22.43	22.46	22.38	24.00
	DFT-s-OFDM 64QAM	1	1	20.98	20.97	20.96	22.50
	DFT-s-OFDM 256QAM	1	1	19.54	19.53	19.55	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	22.25 22.27 22.28 22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662334	23.69 23.72 23.72 25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662668	23.73 23.70 23.68 25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663334	23.68 23.69 23.66 25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	656000	663668	23.72 23.67 23.71 25.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.74	23.70	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.73	25.00

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.03	/	27.50
		1	137	/	26.18	/	27.50
		1	271	/	26.06	/	27.50
		135	0	/	25.72	/	27.00
		135	69	/	26.29	/	27.50
		135	138	/	25.78	/	27.00
		270	0	/	25.77	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.26	/	27.50
		1	137	/	26.24	/	27.50
		1	271	/	26.17	/	27.50
		135	0	/	25.29	/	26.50
		135	69	/	26.34	/	27.50
		135	138	/	25.16	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.76	/	26.50
		1	1	/	23.36	/	25.00
		1	1	/	21.92	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	21.92	/	23.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.63	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.06	26.09	26.06	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.08	26.08	26.09	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	26.05	26.04	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.05	26.04	26.07	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.05	26.12	26.05	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.07	26.09	26.05	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.08	26.06	26.08	27.50

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.99	/	27.50
		1	137	/	26.23	/	27.50
		1	271	/	26.08	/	27.50
		135	0	/	25.76	/	27.00
		135	69	/	26.32	/	27.50
		135	138	/	25.75	/	27.00
		270	0	/	25.72	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.31	/	27.50
		1	137	/	26.22	/	27.50
		1	271	/	26.09	/	27.50
		135	0	/	25.32	/	26.50
		135	69	/	26.35	/	27.50
		135	138	/	25.21	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.80	/	26.50
		1	1	/	23.39	/	25.00
1		1	/	21.98	/	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	24.64	/	25.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	26.09	26.12	26.12	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	26.13	26.09	26.11	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	26.06	26.06	26.06	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	26.06	26.04	26.09	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	26.04	26.11	26.09	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.04	26.11	26.11	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.06	26.12	26.05	27.50

N78 HPUE SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	17.50
		1	137	/	16.32	/	17.50
		1	271	/	16.37	/	17.50
		135	0	/	16.29	/	17.50
		135	69	/	16.35	/	17.50
		135	138	/	16.28	/	17.50
		270	0	/	16.29	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.28	/	17.50
		1	137	/	16.32	/	17.50
		1	271	/	16.37	/	17.50
		135	0	/	16.34	/	17.50
		135	69	/	16.33	/	17.50
		135	138	/	16.46	/	17.50
		270	0	/	16.34	/	17.50

	DFT-s-OFDM 16QAM	1	1	/	16.27	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.28	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	16.32	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	16.20	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.17	16.24	16.19	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.19	16.26	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.20	16.23	16.14	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.19	16.19	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.15	16.25	16.16	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.16	16.21	16.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.20	16.23	16.14	17.50

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM	1	1	/	21.36	/	22.50

	PI/2 BPSK	1	137	/	21.27	/	22.50	
		1	271	/	21.37	/	22.50	
		135	0	/	21.29	/	22.50	
		135	69	/	21.31	/	22.50	
		135	138	/	21.34	/	22.50	
		270	0	/	21.35	/	22.50	
	DFT-s-OFDM QPSK	1	1	/	21.32	/	22.50	
		1	137	/	21.42	/	22.50	
		1	271	/	21.36	/	22.50	
		135	0	/	21.34	/	22.50	
		135	69	/	21.46	/	22.50	
		135	138	/	21.27	/	22.50	
	DFT-s-OFDM 16QAM	1	1	/	21.37	/	22.50	
		1	1	/	21.26	/	22.50	
		1	1	/	21.27	/	22.50	
	DFT-s-OFDM 64QAM	1	1	/	21.26	/	22.50	
	DFT-s-OFDM 256QAM	1	1	/	21.27	/	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	21.07	/	22.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	21.15	21.11	21.16	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	21.15	21.12	21.14	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	21.10	21.15	21.07	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	21.14	21.12	21.15	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	21.14	21.14	21.06	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631000	633334	635668		
30MHz	DFT-s-OFDM QPSK	1	1	21.16	21.08	21.05	22.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.09	21.06	21.10	22.50

N78 HPUE SA&NSA Receiver off				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	25.00	
		1	137	/	23.61	/	25.00	
		1	271	/	23.81	/	25.00	
		135	0	/	23.64	/	25.00	
		135	69	/	23.37	/	24.50	
		135	138	/	23.97	/	25.00	
		135	138	/	23.42	/	24.50	
	DFT-s-OFDM QPSK	270	0	/	23.35	/	24.50	
		1	1	/	23.82	/	25.00	
		1	137	/	23.95	/	25.00	
		1	271	/	23.76	/	25.00	
		135	0	/	22.90	/	24.00	
		135	69	/	24.04	/	25.00	
		135	138	/	22.74	/	24.00	
	DFT-s-OFDM 16QAM	270	0	/	22.80	/	24.00	
		1	1	/	22.40	/	24.00	
		1	1	/	20.93	/	22.50	
	DFT-s-OFDM 64QAM	1	1	/	19.55	/	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	22.25	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	23.68	23.69	23.72	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	23.73	23.66	23.68	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	23.73	23.69	23.68	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		

50MHz	DFT-s-OFDM QPSK	1	1	23.70	23.70	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.72	23.68	23.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.72	23.66	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.71	23.68	23.67	25.00

N78 HPUE NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.29	/	14.50
		1	137	/	13.37	/	14.50
		1	271	/	13.33	/	14.50
		135	0	/	13.31	/	14.50
		135	69	/	13.26	/	14.50
		135	138	/	13.34	/	14.50
		270	0	/	13.25	/	14.50
	DFT-s-OFDM QPSK	1	1	/	13.29	/	14.50
		1	137	/	13.34	/	14.50
		1	271	/	13.31	/	14.50
		135	0	/	13.29	/	14.50
		135	69	/	13.41	/	14.50
		135	138	/	13.30	/	14.50
		270	0	/	13.37	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	13.31	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	13.30	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	13.35	/	14.50
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /
100MHz	CP-OFDM QPSK	1	1	/	13.21	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	13.20	13.24	13.17	14.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	13.21	13.23	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	13.14	13.27	13.14	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	13.17	13.21	13.14	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	13.16	13.22	13.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	13.16	13.28	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	13.19	13.23	13.12	14.50

N78 HPUE SA Receiver on/Hotspot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.32	/	17.50
		1	137	/	16.29	/	17.50
		1	271	/	16.25	/	17.50
		135	0	/	16.34	/	17.50
		135	69	/	16.28	/	17.50
		135	138	/	16.33	/	17.50
		270	0	/	16.27	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.29	/	17.50
		1	137	/	16.35	/	17.50
		1	271	/	16.36	/	17.50
		135	0	/	16.35	/	17.50
		135	69	/	16.44	/	17.50
		135	138	/	16.33	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.33	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.34	/	17.50

	DFT-s-OFDM 256QAM	1	1	/	16.35	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	650000	650334	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	650000	650668	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	648668	650000	651334	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648334	650000	651668	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648000	650000	652000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	647668	650000	652334	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647334	650000	652668	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647000	650000	653000	17.50

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.28	/	22.50
		1	137	/	21.37	/	22.50
		1	271	/	21.35	/	22.50
		135	0	/	21.33	/	22.50
		135	69	/	21.33	/	22.50
		135	138	/	21.34	/	22.50
		270	0	/	21.29	/	22.50
	DFT-s-OFDM	1	1	/	21.27	/	22.50

	QPSK	1	137	/	21.48	/	22.50
		1	271	/	21.30	/	22.50
		135	0	/	21.32	/	22.50
		135	69	/	21.53	/	22.50
		135	138	/	21.27	/	22.50
		270	0	/	21.35	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.27	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	21.32	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	21.31	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.15	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.12	21.11	21.12	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.11	21.11	21.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.08	21.10	21.09	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.08	21.16	21.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.16	21.15	21.14	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.16	21.11	21.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.08	21.05	21.16	22.50

N78 HPUE SA&NSA Receiver off
Conducted Power(dBm)

SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.56	/	25.00
		1	137	/	23.87	/	25.00
		1	271	/	23.68	/	25.00
		135	0	/	23.37	/	24.50
		135	69	/	23.95	/	25.00
		135	138	/	23.42	/	24.50
		270	0	/	23.37	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.86	/	25.00
		1	137	/	23.95	/	25.00
		1	271	/	23.75	/	25.00
		135	0	/	22.90	/	24.00
		135	69	/	24.04	/	25.00
		135	138	/	22.76	/	24.00
		270	0	/	22.83	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.41	/	24.00
	DFT-s-OFDM 64QAM	1	1	/	20.95	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.52	/	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.25	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	23.74	23.70	23.70	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	23.69	23.70	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.67	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	23.72	23.70	23.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	23.68	23.71	23.71	25.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.69	23.68	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.69	23.69	25.00

N78 HPUE NSA Receiver on				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.30	/	14.50	
		1	137	/	13.35	/	14.50	
		1	271	/	13.29	/	14.50	
		135	0	/	13.34	/	14.50	
		135	69	/	13.23	/	14.50	
		135	138	/	13.34	/	14.50	
		270	0	/	13.31	/	14.50	
	DFT-s-OFDM QPSK	1	1	/	13.35	/	14.50	
		1	137	/	13.34	/	14.50	
		1	271	/	13.30	/	14.50	
		135	0	/	13.31	/	14.50	
		135	69	/	13.38	/	14.50	
		135	138	/	13.33	/	14.50	
	DFT-s-OFDM 16QAM	1	1	/	13.33	/	14.50	
		1	1	/	13.28	/	14.50	
		1	1	/	13.32	/	14.50	
	1	1	1	1	/	13.33	/	14.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
/					650000	/		
100MHz	CP-OFDM QPSK	1	1	/	13.26	/	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	13.21	13.26	13.18	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	13.19	13.20	13.13	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		

60MHz	DFT-s-OFDM QPSK	1	1	13.18	13.24	13.15	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.15	13.21	13.12	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.17	13.25	13.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.14	13.26	13.17	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.21	13.25	13.18	14.50

11.7 Conducted Power of NR Antenna (Ant6)

N77 HPUE				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.99	/	24.80	
		1	137	/	23.16	/	24.80	
		1	271	/	23.08	/	24.80	
		135	0	/	22.71	/	24.30	
		135	69	/	23.27	/	24.80	
		135	138	/	22.74	/	24.30	
		270	0	/	22.76	/	24.30	
	DFT-s-OFDM QPSK	1	1	/	23.29	/	24.80	
		1	137	/	23.19	/	24.80	
		1	271	/	23.16	/	24.80	
		135	0	/	22.30	/	23.80	
		135	69	/	23.30	/	24.80	
		135	138	/	22.12	/	23.80	
	DFT-s-OFDM 16QAM	1	1	/	21.80	/	23.80	
		1	1	/	20.34	/	22.30	
		1	1	/	18.99	/	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up

100MHz	CP-OFDM QPSK	1	1	/	21.62	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.06	23.09	23.06	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.11	23.12	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.06	23.11	23.12	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.05	23.09	23.08	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.10	23.12	23.04	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.06	23.07	23.12	24.80

N77 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.06	22.98	23.04	24.80
		1	137	23.19	23.15	23.16	24.80
		1	271	23.02	23.08	23.01	24.80
		135	0	22.76	22.79	22.71	24.30
		135	69	23.21	23.27	23.23	24.80
		135	138	22.79	22.75	22.75	24.30
		270	0	22.69	22.72	22.75	24.30
	DFT-s-OFDM QPSK	1	1	23.27	23.28	23.31	24.80
		1	137	23.25	23.25	23.23	24.80
		1	271	23.11	23.15	23.13	24.80
		135	0	22.26	22.24	22.31	23.80
		135	69	23.27	23.36	23.29	24.80
		135	138	22.20	22.13	22.18	23.80
	DFT-s-OFDM 16QAM	1	1	22.18	22.22	22.22	23.80
				21.89	21.81	21.87	23.80

	DFT-s-OFDM 64QAM	1	1	20.39	20.41	20.40	22.30
	DFT-s-OFDM 256QAM	1	1	18.96	18.97	18.98	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.60	21.58	21.64	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.05	23.08	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.04	23.13	23.08	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.10	23.07	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.12	23.12	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.09	23.10	23.10	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.08	23.04	23.11	24.80

N77 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.23	/	18.30	
		1	137	/	17.20	/	18.30	
		1	271	/	17.16	/	18.30	
		135	0	/	17.20	/	18.30	
		135	69	/	17.15	/	18.30	
		135	138	/	17.22	/	18.30	
			270	0	/	17.14	/	18.30
	DFT-s-OFDM QPSK	1	1	/	17.32	/	18.30	
		1	137	/	17.27	/	18.30	
1		271	/	17.25	/	18.30		

		135	0	/	17.25	/	18.30
		135	69	/	17.28	/	18.30
		135	138	/	17.19	/	18.30
		270	0	/	17.26	/	18.30
	DFT-s-OFDM 16QAM	1	1	/	17.18	/	18.30
	DFT-s-OFDM 64QAM	1	1	/	17.23	/	18.30
	DFT-s-OFDM 256QAM	1	1	/	17.24	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.17	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.10	17.14	17.07	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.08	17.10	17.07	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.09	17.13	17.04	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.08	17.17	17.03	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.07	17.09	17.07	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.04	17.14	17.04	18.30

N77 HPUE SA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.48	/	22.80
		1	137	/	21.66	/	22.80
		1	271	/	21.60	/	22.80

		135	0	/	21.26	/	22.30
		135	69	/	21.77	/	22.80
		135	138	/	21.27	/	22.30
		270	0	/	21.28	/	22.30
	DFT-s-OFDM QPSK	1	1	/	21.77	/	22.80
		1	137	/	21.79	/	22.80
		1	271	/	21.70	/	22.80
		135	0	/	20.73	/	21.80
		135	69	/	21.88	/	22.80
	DFT-s-OFDM 16QAM	135	138	/	20.63	/	21.80
		270	0	/	20.76	/	21.80
		1	1	/	20.35	/	21.80
	DFT-s-OFDM 64QAM	1	1	/	18.96	/	20.30
	DFT-s-OFDM 256QAM	1	1	/	17.50	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.12	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.52	21.61	21.59	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.60	21.64	21.63	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.57	21.63	21.63	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.54	21.66	21.60	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.53	21.64	21.64	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.53	21.61	21.61	22.80

N77 HPUE SA Sensor on

Conducted Power(dBm)

SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.30	/	22.80
		1	137	/	21.33	/	22.80
		1	271	/	21.30	/	22.80
		135	0	/	21.33	/	22.80
		135	69	/	21.33	/	22.80
		135	138	/	21.31	/	22.80
		270	0	/	21.28	/	22.80
	DFT-s-OFDM QPSK	1	1	/	21.30	/	22.80
		1	137	/	21.34	/	22.80
		1	271	/	21.33	/	22.80
		135	0	/	21.29	/	22.80
		135	69	/	21.62	/	22.80
		135	138	/	21.36	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	21.30	/	22.80
		1	1	/	20.44	/	22.30
		1	1	/	19.00	/	20.30
	DFT-s-OFDM 256QAM	1	1	/	19.00	/	20.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.18	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.23	21.19	21.20	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.19	21.18	21.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.21	21.18	21.18	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.21	21.20	21.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.23	21.17	21.22	22.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.19	21.23	21.21	22.80

N77 HPUE SA Receiver on/Hotspot on				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.92	16.78	16.85	18.30	
		1	137	16.89	16.83	16.90	18.30	
		1	271	16.95	16.82	16.93	18.30	
		135	0	16.92	16.80	16.87	18.30	
		135	69	16.91	16.72	16.92	18.30	
		135	138	16.82	16.83	16.87	18.30	
		270	0	16.92	16.73	16.86	18.30	
	DFT-s-OFDM QPSK	1	1	16.88	17.08	16.90	18.30	
		1	137	17.01	16.86	16.97	18.30	
		1	271	16.97	16.81	16.97	18.30	
		135	0	16.86	16.83	16.88	18.30	
		135	69	16.99	17.05	16.92	18.30	
		135	138	16.91	16.85	16.98	18.30	
		270	0	16.92	16.86	16.85	18.30	
	DFT-s-OFDM 16QAM	1	1	16.92	16.81	16.94	18.30	
	DFT-s-OFDM 64QAM	1	1	16.95	16.85	16.86	18.30	
	DFT-s-OFDM 256QAM	1	1	16.85	16.79	16.85	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	18.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662334	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662668	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663334	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	656000	663668		

50MHz	DFT-s-OFDM QPSK	1	1	16.68	16.71	16.65	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.67	16.73	16.62	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.67	16.78	16.62	18.30

N77 HPUE SA Receiver off				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.52	21.47	21.56	22.80	
		1	137	21.67	21.63	21.70	22.80	
		1	271	21.58	21.58	21.52	22.80	
		135	0	21.31	21.28	21.22	22.30	
		135	69	21.71	21.77	21.75	22.80	
		135	138	21.31	21.29	21.26	22.30	
		270	0	21.20	21.27	21.24	22.30	
	DFT-s-OFDM QPSK	1	1	21.75	22.02	21.82	22.80	
		1	137	21.80	21.75	21.91	22.80	
		1	271	21.63	21.65	21.67	22.80	
		135	0	20.74	20.73	20.84	21.80	
		135	69	21.87	21.98	21.97	22.80	
		135	138	20.70	20.62	20.70	21.80	
	DFT-s-OFDM 16QAM	1	1	20.38	20.32	20.42	21.80	
		1	1	18.91	18.98	18.89	20.30	
		1	1	17.50	17.53	17.50	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
	100MHz	CP-OFDM QPSK	1	1	20.13	20.10	20.11	20.30
	Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662334	Tune up
	90MHz	DFT-s-OFDM QPSK	1	1	21.59	21.64	21.60	22.80
	Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.61	21.62	21.61	22.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663334	
60MHz	DFT-s-OFDM QPSK	1	1	21.52	21.66	21.61	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663668	
50MHz	DFT-s-OFDM QPSK	1	1	21.59	21.65	21.64	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.58	21.59	21.58	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664668	
20MHz	DFT-s-OFDM QPSK	1	1	21.53	21.65	21.64	22.80

N77 HPUE SA Sensor on				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.35	21.34	21.38	22.80	
		1	137	21.37	21.28	21.37	22.80	
		1	271	21.35	21.36	21.34	22.80	
		135	0	21.38	21.33	21.32	22.80	
		135	69	21.38	21.33	21.33	22.80	
		135	138	21.36	21.37	21.31	22.80	
		270	0	21.41	21.31	21.30	22.80	
	DFT-s-OFDM QPSK	1	1	21.37	21.33	21.33	22.80	
		1	137	21.37	21.30	21.31	22.80	
		1	271	21.38	21.36	21.37	22.80	
		135	0	21.41	21.31	21.38	22.80	
		135	69	21.47	21.57	21.56	22.80	
		135	138	21.43	21.30	21.35	22.80	
		270	0	21.37	21.29	21.32	22.80	
	DFT-s-OFDM 16QAM	1	1	21.43	21.31	21.32	22.80	
	DFT-s-OFDM 64QAM	1	1	20.39	20.44	20.45	22.30	
	DFT-s-OFDM 256QAM	1	1	19.00	18.96	18.97	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	21.19	21.20	21.22	22.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
649668					656000	662334		

90MHz	DFT-s-OFDM QPSK	1	1	21.25	21.19	21.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.17	21.19	21.22	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.22	21.20	21.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.16	21.21	21.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.21	21.17	21.24	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.24	21.22	21.24	22.80

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.05	/	24.80
		1	137	/	23.19	/	24.80
		1	271	/	23.06	/	24.80
		135	0	/	22.79	/	24.30
		135	69	/	23.28	/	24.80
		135	138	/	22.76	/	24.30
		270	0	/	22.71	/	24.30
	DFT-s-OFDM QPSK	1	1	/	23.26	/	24.80
		1	137	/	23.26	/	24.80
		1	271	/	23.12	/	24.80
		135	0	/	22.30	/	23.80
		135	69	/	23.31	/	24.80
		135	138	/	22.13	/	23.80
		270	0	/	22.17	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	21.87	/	23.80
	DFT-s-OFDM 64QAM	1	1	/	20.38	/	22.30

	DFT-s-OFDM 256QAM	1	1	/	18.97	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		21.65		22.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.08	23.09	23.10	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.06	23.08	23.10	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.06	23.09	23.10	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.05	23.08	23.05	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.06	23.04	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.07	23.07	23.04	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.09	23.10	23.08	24.80

N78 HPUE				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.02	/	24.80
		1	137	/	23.18	/	24.80
		1	271	/	23.09	/	24.80
		135	0	/	22.73	/	24.30
		135	69	/	23.33	/	24.80
		135	138	/	22.76	/	24.30
		270	0	/	22.76	/	24.30
	DFT-s-OFDM	1	1	/	23.29	/	24.80

	QPSK	1	137	/	23.25	/	24.80
		1	271	/	23.14	/	24.80
		135	0	/	22.24	/	23.80
		135	69	/	23.35	/	24.80
		135	138	/	22.12	/	23.80
		270	0	/	22.21	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	21.85	/	23.80
	DFT-s-OFDM 64QAM	1	1	/	20.38	/	22.30
	DFT-s-OFDM 256QAM	1	1	/	18.95	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.57	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.06	23.04	23.10	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.05	23.13	23.13	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.06	23.12	23.07	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.10	23.11	23.12	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.10	23.10	23.11	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.07	23.09	23.11	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.06	23.05	23.12	24.80

N78 HPUE SA Receiver on/Hostpot on&NSA Hotspot on

Conducted Power(dBm)

SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.80	/	18.30
		1	137	/	16.84	/	18.30
		1	271	/	16.77	/	18.30
		135	0	/	16.83	/	18.30
		135	69	/	16.74	/	18.30
		135	138	/	16.87	/	18.30
		270	0	/	16.81	/	18.30
	DFT-s-OFDM QPSK	1	1	/	16.79	/	18.30
		1	137	/	16.88	/	18.30
		1	271	/	16.79	/	18.30
		135	0	/	16.79	/	18.30
		135	69	/	16.89	/	18.30
		135	138	/	16.79	/	18.30
		270	0	/	16.87	/	18.30
	DFT-s-OFDM 16QAM	1	1	/	16.84	/	18.30
DFT-s-OFDM 64QAM	1	1	/	16.85	/	18.30	
DFT-s-OFDM 256QAM	1	1	/	16.80	/	18.30	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.73		18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.66	16.72	16.65	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.64	16.70	16.67	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.65	16.72	16.68	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.65	16.75	16.62	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.71	16.72	16.67	18.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.66	16.77	16.62	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.71	16.73	16.64	18.30

N78 HPUE SA&NSA Receiver off				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.53	/	22.80
		1	137	/	21.63	/	22.80
		1	271	/	21.60	/	22.80
		135	0	/	21.30	/	22.30
		135	69	/	21.79	/	22.80
		135	138	/	21.29	/	22.30
		270	0	/	21.27	/	22.30
	DFT-s-OFDM QPSK	1	1	/	21.81	/	22.80
		1	137	/	21.71	/	22.80
		1	271	/	21.63	/	22.80
		135	0	/	20.72	/	21.80
		135	69	/	21.93	/	22.80
		135	138	/	20.60	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	20.41	/	21.80
		1	1	/	18.92	/	20.30
		1	1	/	17.47	/	18.30
		1	1	/	17.47	/	18.30
	256QAM	1	1	/	17.47	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.07		20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.60	21.62	21.57	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.57	21.65	21.60	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	21.59	21.64	21.63	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.61	21.61	21.57	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.60	21.58	21.55	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.54	21.67	21.61	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.59	21.66	21.58	22.80

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.33	/	22.80
		1	137	/	21.32	/	22.80
		1	271	/	21.31	/	22.80
		135	0	/	21.29	/	22.80
		135	69	/	21.33	/	22.80
		135	138	/	21.30	/	22.80
		270	0	/	21.29	/	22.80
	DFT-s-OFDM QPSK	1	1	/	21.33	/	22.80
		1	137	/	21.29	/	22.80
		1	271	/	21.34	/	22.80
		135	0	/	21.32	/	22.80
		135	69	/	21.56	/	22.80
		135	138	/	21.33	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	21.35	/	22.80
		1	1	/	20.40	/	22.30
		1	1	/	18.95	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		21.22		22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.17	21.23	21.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.19	21.20	21.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.20	21.24	21.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.18	21.17	21.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.22	21.23	21.24	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.18	21.19	21.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.17	21.20	21.23	22.80

N78 HPUE NSA Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	15.30
		1	137	/	14.02	/	15.30
		1	271	/	14.01	/	15.30
		135	0	/	13.99	/	15.30
		135	69	/	14.01	/	15.30
		135	138	/	13.92	/	15.30
	DFT-s-OFDM QPSK	270	0	/	14.01	/	15.30
		1	1	/	14.00	/	15.30
		1	137	/	14.08	/	15.30
		1	271	/	14.06	/	15.30
		135	0	/	13.93	/	15.30
		135	69	/	14.06	/	15.30
		135	138	/	14.04	/	15.30
		270	0	/	14.07	/	15.30

	DFT-s-OFDM 16QAM	1	1	/	13.99	/	15.30
	DFT-s-OFDM 64QAM	1	1	/	14.10	/	15.30
	DFT-s-OFDM 256QAM	1	1	/	13.95	/	15.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1		13.83		15.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	13.73	13.80	13.74	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	13.75	13.78	13.76	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	13.74	13.85	13.80	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.72	13.85	13.78	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.73	13.78	13.78	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.75	13.77	13.79	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.77	13.83	13.71	15.30

N78 HPUE SA Receiver on/Hostpot on&NSA Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.82	/	18.30
		1	137	/	16.82	/	18.30

		1	271	/	16.75	/	18.30
		135	0	/	16.88	/	18.30
		135	69	/	16.76	/	18.30
		135	138	/	16.83	/	18.30
		270	0	/	16.81	/	18.30
	DFT-s-OFDM QPSK	1	1	/	16.83	/	18.30
		1	137	/	16.85	/	18.30
		1	271	/	16.84	/	18.30
		135	0	/	16.87	/	18.30
		135	69	/	16.96	/	18.30
		135	138	/	16.77	/	18.30
		270	0	/	16.79	/	18.30
	DFT-s-OFDM 16QAM	1	1	/	16.81	/	18.30
	DFT-s-OFDM 64QAM	1	1	/	16.82	/	18.30
	DFT-s-OFDM 256QAM	1	1	/	16.84	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.75	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.66	16.78	16.70	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.72	16.70	16.70	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.67	16.71	16.68	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.69	16.74	16.68	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.69	16.78	16.61	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.67	16.70	16.65	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.70	16.73	16.66	18.30

N78 HPUE SA&NSA Receiver off				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.48	/	22.80	
		1	137	/	21.67	/	22.80	
		1	271	/	21.61	/	22.80	
		135	0	/	21.33	/	22.30	
		135	69	/	21.76	/	22.80	
		135	138	/	21.27	/	22.30	
		270	0	/	21.23	/	22.30	
	DFT-s-OFDM QPSK	1	1	/	21.84	/	22.80	
		1	137	/	21.73	/	22.80	
		1	271	/	21.68	/	22.80	
		135	0	/	20.72	/	21.80	
		135	69	/	21.92	/	22.80	
		135	138	/	20.65	/	21.80	
		270	0	/	20.80	/	21.80	
	DFT-s-OFDM 16QAM	1	1	/	20.36	/	21.80	
	DFT-s-OFDM 64QAM	1	1	/	18.99	/	20.30	
	DFT-s-OFDM 256QAM	1	1	/	17.48	/	18.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	650000	/	
	100MHz	CP-OFDM QPSK	1	1	/	20.07	/	20.30
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	21.54	21.63	21.63	22.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	21.52	21.59	21.62	22.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		
60MHz	DFT-s-OFDM QPSK	1	1	21.57	21.60	21.62	22.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648334	650000	651668		

50MHz	DFT-s-OFDM QPSK	1	1	21.54	21.62	21.64	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.60	21.63	21.63	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.59	21.63	21.64	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.56	21.64	21.62	22.80

N78 HPUE SA&NSA Sensor on				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.29	/	22.80	
		1	137	/	21.32	/	22.80	
		1	271	/	21.28	/	22.80	
		135	0	/	21.30	/	22.80	
		135	69	/	21.30	/	22.80	
		135	138	/	21.33	/	22.80	
		270	0	/	21.36	/	22.80	
	DFT-s-OFDM QPSK	1	1	/	21.34	/	22.80	
		1	137	/	21.32	/	22.80	
		1	271	/	21.33	/	22.80	
		135	0	/	21.31	/	22.80	
		135	69	/	21.61	/	22.80	
		135	138	/	21.35	/	22.80	
	DFT-s-OFDM 16QAM	1	1	/	21.35	/	22.80	
		1	1	/	20.40	/	22.30	
		1	1	/	18.95	/	20.30	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	21.19	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	21.22	21.20	21.18	22.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.17	21.19	21.21	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.18	21.17	21.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.20	21.21	21.19	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.17	21.18	21.18	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.22	21.19	21.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.19	21.24	21.24	22.80

N78 HPUE NSA Receiver on				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3750.00	/	15.30	
		1	137	/	13.88	/	15.30	
		1	271	/	13.98	/	15.30	
		135	0	/	13.96	/	15.30	
		135	69	/	13.94	/	15.30	
		135	138	/	13.84	/	15.30	
		270	0	/	13.94	/	15.30	
	DFT-s-OFDM QPSK	1	1	/	13.83	/	15.30	
		1	137	/	13.92	/	15.30	
		1	271	/	13.92	/	15.30	
		135	0	/	13.91	/	15.30	
		135	69	/	13.95	/	15.30	
		135	138	/	14.18	/	15.30	
	DFT-s-OFDM 16QAM	1	1	/	13.98	/	15.30	
	DFT-s-OFDM 64QAM	1	1	/	14.00	/	15.30	
					/	13.91	/	15.30
					/	13.97	/	15.30

	DFT-s-OFDM 256QAM	1	1	/	13.92	/	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.78	/	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	13.77	13.79	13.71	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	13.72	13.83	13.71	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	13.72	13.82	13.78	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	13.76	13.84	13.80	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	13.76	13.79	13.72	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.79	13.77	13.72	15.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	13.71	13.85	13.77	15.30

12 Conducted Power of WiFi and Bluetooth

12.1 Conducted Power of WIFI

WIFI 2.4GHz							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant0 Average Power (dBm)	Ant1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	12.75	13.53	16.17	18.00
	6	2437		12.54	13.82	16.24	18.00
	11	2462		13.02	13.88	16.48	18.00

802.11g	1	2412	6	13.51	14.32	16.94	18.00
	6	2437		13.52	14.45	17.02	18.00
	11	2462		13.57	14.25	16.93	18.00
802.11n HT20	1	2412	6.5	15.02	15.51	18.28	19.50
	6	2437		14.89	15.88	18.42	19.50
	11	2462		15.01	15.54	18.29	19.50
802.11ax HT20	1	2412	MCS0	15.12	15.90	18.54	19.50
	6	2437		14.98	15.56	18.29	19.50
	11	2462		15.10	15.89	18.52	19.50

WIFI 2.4GHz for Receiver On Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant0 Average Power (dBm)	Ant1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	9.70	10.43	13.09	14.00
	6	2437		9.43	10.77	13.16	14.00
	11	2462		9.70	10.67	13.22	14.00
802.11g	1	2412	6	8.03	8.95	11.52	14.00
	6	2437		9.63	10.63	13.17	14.00
	11	2462		9.73	10.38	13.08	14.00
802.11n HT20	1	2412	6.5	9.68	10.13	12.92	14.00
	6	2437		9.52	10.50	13.05	14.00
	11	2462		9.70	10.17	12.95	14.00
802.11ax HT20	1	2412	MCS0	9.80	10.56	13.21	14.00
	6	2437		9.61	10.22	12.94	14.00
	11	2462		9.67	10.58	13.16	14.00

WIFI 5GHz								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.39	16.41	19.41	20.50
		40	5200		16.43	16.60	19.53	20.50
		44	5220		16.21	16.98	19.62	20.50
		48	5240		16.06	17.03	19.58	20.50
	U-NII-2A	52	5260		17.18	17.48	20.34	21.50
		56	5280		17.26	17.81	20.55	21.50
		60	5300		16.59	18.01	20.37	21.50
		64	5320		16.51	18.06	20.36	21.50
	U-NII-2C	100	5500		14.70	15.00	17.86	18.50
		104	5520		14.22	15.22	17.76	18.50
		108	5540		14.24	15.14	17.72	18.50

		112	5560		14.07	15.26	17.72	18.50
		116	5580		13.87	15.35	17.68	18.50
		120	5600		13.65	14.98	17.38	18.50
		124	5620		13.69	14.99	17.40	18.50
		128	5640		13.61	14.87	17.30	18.50
		132	5660		13.66	14.45	17.08	18.50
		136	5680		13.78	14.15	16.98	18.50
		140	5700		13.65	14.35	17.02	18.50
		144	5720		13.66	14.34	17.02	18.50
	U-NII-3	149	5745		17.34	18.65	21.05	22.50
		153	5765		17.37	18.87	21.19	22.50
		157	5785		17.75	19.21	21.55	22.50
		161	5805		17.45	19.11	21.37	22.50
		165	5825		17.12	19.13	21.25	22.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n- HT20	U-NII-1	36	5180	MCS0	15.15	15.11	18.14	19.50
		40	5200		15.12	15.56	18.36	19.50
		44	5220		15.11	15.74	18.45	19.50
		48	5240		15.23	16.08	18.69	19.50
	U-NII-2A	52	5260		13.63	13.55	16.60	18.50
		56	5280		13.38	14.15	16.79	18.50
		60	5300		13.38	14.18	16.81	18.50
		64	5320		13.26	14.33	16.84	18.50
	U-NII-2C	100	5500		14.11	14.73	17.44	18.50
		104	5520		14.03	14.79	17.44	18.50
		108	5540		13.96	14.82	17.42	18.50
		112	5560		13.23	14.88	17.14	18.50
		116	5580		13.24	14.80	17.10	18.50
		120	5600		13.36	14.78	17.14	18.50
		124	5620		13.38	14.71	17.11	18.50
		128	5640		13.24	14.45	16.90	18.50
		132	5660		13.33	14.43	16.93	18.50
		136	5680		13.41	14.22	16.84	18.50
	U-NII-3	140	5700		13.11	14.01	16.59	18.50
		144	5720		13.21	14.11	16.69	18.50
		149	5745		16.23	18.34	20.42	22.00
		153	5765		16.22	18.36	20.43	22.00
		157	5785		16.43	18.45	20.57	22.00
			161		5805	16.45	18.53	20.62
		165	5825	16.47	18.56	20.65	22.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n- HT40	U-NII-1	38	5190	MCS0	14.01	13.88	16.96	18.00
		46	5230		13.72	13.53	16.64	18.00
	U-NII-2A	54	5270		13.46	13.64	16.56	18.50
		62	5310		13.65	13.66	16.67	18.50
	U-NII-2C	102	5510		13.22	13.75	16.50	17.50

		110	5550		13.16	13.82	16.51	17.50		
		118	5590		13.02	13.84	16.46	17.50		
		126	5630		12.79	13.76	16.31	17.50		
		134	5670		12.50	13.51	16.04	17.50		
		142	5710		12.39	13.27	15.86	17.50		
	U-NII-3	151	5755		15.98	17.55	19.85	21.50		
		159	5795		16.18	17.77	20.06	21.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-20	U-NII-1	36	5180	MCS0	15.11	15.10	18.12	19.50		
		40	5200		15.10	15.46	18.29	19.50		
		44	5220		15.10	15.64	18.39	19.50		
		48	5240		15.13	16.00	18.60	19.50		
	U-NII-2A	52	5260		13.61	13.54	16.59	18.50		
		56	5280		13.32	14.05	16.71	18.50		
		60	5300		13.33	14.19	16.79	18.50		
		64	5320		13.28	14.23	16.79	18.50		
	U-NII-2C	100	5500		14.01	14.63	17.34	18.50		
		104	5520		14.00	14.73	17.39	18.50		
		108	5540		13.91	14.80	17.39	18.50		
		112	5560		13.22	14.78	17.08	18.50		
		116	5580		13.21	14.70	17.03	18.50		
		120	5600		13.32	14.74	17.10	18.50		
		124	5620		13.31	14.60	17.01	18.50		
		128	5640		13.24	14.40	16.87	18.50		
		132	5660		13.29	14.43	16.91	18.50		
		136	5680		13.33	14.20	16.80	18.50		
		140	5700		13.10	14.11	16.64	18.50		
		144	5720		13.20	14.09	16.68	18.50		
	U-NII-3	149	5745		16.21	18.31	20.40	22.00		
		153	5765		16.22	18.32	20.41	22.00		
		157	5785		16.40	18.42	20.54	22.00		
		161	5805		16.37	18.47	20.56	22.00		
		165	5825		16.42	18.51	20.60	22.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac-40	U-NII-1	38		5190	MCS0	13.98	13.78	16.89	18.00
			46		5230		13.72	13.55	16.65	18.00
U-NII-2A		54	5270	13.39	13.64		16.53	18.50		
		62	5310	13.61	13.62		16.63	18.50		
U-NII-2C		102	5510	13.12	13.71		16.44	17.50		
		110	5550	13.16	13.78		16.49	17.50		
		118	5590	13.02	13.76		16.42	17.50		
		126	5630	12.87	13.68		16.30	17.50		
		134	5670	12.45	13.46		15.99	17.50		
		142	5710	12.36	13.29		15.86	17.50		

	U-NII-3	151	5755		15.99	17.53	19.84	21.50		
		159	5795		16.12	17.71	20.00	21.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	10.73	11.21	13.99	15.00		
	U-NII-2A	58	5290		11.56	12.11	14.85	16.50		
	U-NII-2C	106	5530		10.67	10.62	13.66	15.00		
		122	5610		9.89	11.01	13.50	15.00		
		138	5690		9.77	10.76	13.30	15.00		
	U-NII-3	155	5775		15.01	16.89	19.06	20.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax- 20	U-NII-1	36	5180	MCS0	15.66	15.50	18.59	19.50		
		40	5200		15.51	15.92	18.73	19.50		
		44	5220		15.32	16.01	18.69	19.50		
		48	5240		15.31	16.20	18.79	19.50		
	U-NII-2A	52	5260		13.52	14.26	16.92	18.50		
		56	5280		13.35	14.29	16.86	18.50		
		60	5300		13.43	14.28	16.89	18.50		
		64	5320		13.30	14.40	16.90	18.50		
	U-NII-2C	100	5500		13.43	14.08	16.78	17.50		
		104	5520		13.45	14.14	16.82	17.50		
		108	5540		13.33	13.99	16.68	17.50		
		112	5560		12.97	14.00	16.53	17.50		
		116	5580		12.71	14.18	16.52	17.50		
		120	5600		12.75	14.03	16.45	17.50		
		124	5620		12.72	13.82	16.32	17.50		
		128	5640		12.65	13.47	16.09	17.50		
		132	5660		12.46	13.38	15.95	17.50		
		136	5680		12.44	13.25	15.87	17.50		
		140	5700		12.54	13.32	15.96	17.50		
		144	5720		12.43	13.35	15.92	17.50		
	U-NII-3	149	5745		16.92	18.91	21.04	22.50		
		153	5765		16.88	18.98	21.07	22.50		
		157	5785		16.78	18.93	21.00	22.50		
		161	5805		16.82	18.89	20.99	22.50		
		165	5825		16.88	18.98	21.07	22.50		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax- 40	U-NII-1	17.78		18.7	MCS0	14.72	14.95	17.85	18.50
			46		5230		14.96	15.37	18.18	18.50
		U-NII-2A	54		5270		14.13	15.04	17.62	19.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-2C	62	5310	MCS0	14.22	14.98	17.63	19.00
		102	5510		12.99	13.83	16.44	17.00
		110	5550		12.99	13.76	16.40	17.00
		118	5590		12.69	13.67	16.22	17.00
		126	5630		12.42	13.69	16.11	17.00
		134	5670		12.30	13.11	15.73	17.00
		142	5710		11.97	13.22	15.65	17.00
	U-NII-3	151	5755		17.04	18.32	20.74	22.00
		159	5795		17.00	18.45	20.80	22.00
	802.11ax 80M	U-NII-1	42		5210	12.37	13.07	15.74
	U-NII-2A	58	5290	13.30	14.17	16.77	17.50	
	U-NII-2C	106	5530	12.46	13.13	15.82	16.50	
		122	5610	11.65	13.00	15.39	16.50	
		138	5690	11.54	12.50	15.06	16.50	
	U-NII-3	155	5775	16.11	17.99	20.16	21.50	

WIFI 5GHz Receiver On Standalone								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.39	13.40	16.41	17.50
		40	5200		13.50	13.70	16.61	17.50
		44	5220		13.18	13.94	16.59	17.50
		48	5240		13.01	14.08	16.59	17.50
	U-NII-2A	52	5260		12.75	13.01	15.89	17.50
		56	5280		12.66	13.14	15.92	17.50
		60	5300		12.12	13.53	15.89	17.50
		64	5320		11.98	13.52	15.83	17.50
	U-NII-2C	100	5500		13.71	13.99	16.86	17.50
		104	5520		13.26	14.18	16.75	17.50
		108	5540		13.22	14.16	16.73	17.50
		112	5560		13.09	14.31	16.75	17.50
		116	5580		12.96	14.33	16.71	17.50
		120	5600		12.72	14.03	16.43	17.50
		124	5620		12.73	14.08	16.47	17.50
		128	5640		12.68	13.93	16.36	17.50
		132	5660		12.71	13.46	16.11	17.50
		136	5680		12.76	13.24	16.02	17.50
		140	5700		12.73	13.39	16.08	17.50
		144	5720		12.62	13.35	16.01	17.50

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n- HT20	U-NII-3	149	5745	MCS0	13.93	15.20	17.62	19.00
		153	5765		13.87	15.38	17.70	19.00
		157	5785		14.20	15.69	18.02	19.00
		161	5805		13.97	15.69	17.92	19.00
		165	5825		13.71	15.58	17.76	19.00
	U-NII-1	36	5180		12.67	12.54	15.62	17.50
		40	5200		12.52	13.10	15.83	17.50
		44	5220		12.36	13.34	15.89	17.50
		48	5240		12.30	13.29	15.83	17.50
	U-NII-2A	52	5260		12.59	12.62	15.62	17.50
		56	5280		12.53	13.23	15.90	17.50
		60	5300		12.50	13.33	15.95	17.50
		64	5320		12.40	13.40	15.94	17.50
	U-NII-2C	100	5500		13.18	13.68	16.45	17.50
		104	5520		13.09	13.92	16.54	17.50
		108	5540		12.94	13.91	16.46	17.50
		112	5560		12.22	13.97	16.19	17.50
		116	5580		12.22	13.78	16.08	17.50
		120	5600		12.40	13.85	16.20	17.50
		124	5620		12.44	13.66	16.10	17.50
128		5640	12.24	13.42	15.88	17.50		
132		5660	12.42	13.43	15.96	17.50		
136		5680	12.47	13.24	15.88	17.50		
U-NII-3	140	5700	12.30	13.19	15.78	17.50		
	144	5720	12.17	13.16	15.70	17.50		
	149	5745	13.36	15.32	17.46	19.00		
	153	5765	13.39	15.50	17.58	19.00		
	157	5785	13.49	15.42	17.57	19.00		
802.11n- HT40	U-NII-1	38	5190	13.51	13.38	16.46	17.50	
		46	5230	13.22	13.03	16.14	17.50	
	U-NII-2A	54	5270	12.33	13.35	15.88	17.50	
		62	5310	12.33	13.38	15.90	17.50	
	U-NII-2C	102	5510	13.00	14.01	16.54	17.50	
		110	5550	12.95	13.80	16.41	17.50	
		118	5590	13.09	13.78	16.46	17.50	
		126	5630	13.09	13.78	16.46	17.50	

		126	5630		12.81	13.70	16.29	17.50		
		134	5670		12.45	13.52	16.03	17.50		
		142	5710		12.35	13.25	15.83	17.50		
	U-NII-3	151	5755		13.53	15.56	17.67	19.00		
		159	5795		13.49	15.73	17.76	19.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-20	U-NII-1	36	5180	MCS0	12.69	12.64	15.68	17.50		
		40	5200		12.61	13.20	15.93	17.50		
		44	5220		12.34	13.35	15.88	17.50		
		48	5240		12.38	13.35	15.90	17.50		
	U-NII-2A	52	5260		12.67	12.64	15.67	17.50		
		56	5280		12.52	13.30	15.94	17.50		
		60	5300		12.52	13.42	16.00	17.50		
		64	5320		12.42	13.49	16.00	17.50		
	U-NII-2C	100	5500		13.08	13.62	16.37	17.50		
		104	5520		12.96	13.69	16.35	17.50		
		108	5540		12.88	13.84	16.40	17.50		
		112	5560		12.29	13.75	16.09	17.50		
		116	5580		12.19	13.68	16.01	17.50		
		120	5600		12.35	13.76	16.12	17.50		
		124	5620		12.27	13.64	16.02	17.50		
		128	5640		12.20	13.45	15.88	17.50		
		132	5660		12.34	13.42	15.92	17.50		
		136	5680		12.30	13.19	15.78	17.50		
		140	5700		12.12	13.09	15.64	17.50		
		144	5720		12.22	13.18	15.74	17.50		
	U-NII-3	149	5745		13.26	15.35	17.44	19.00		
		153	5765		13.21	15.40	17.45	19.00		
		157	5785		13.45	15.45	17.57	19.00		
		161	5805		13.44	15.45	17.57	19.00		
		165	5825		13.45	15.58	17.65	19.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac-40	U-NII-1	38		5190	MCS0	13.48	13.28	16.39	17.50
			46		5230		13.22	13.05	16.15	17.50
U-NII-2A		54	5270	13.41	14.43		16.96	17.50		
		62	5310	13.33	14.40		16.91	17.50		
U-NII-2C		102	5510	13.01	13.97		16.53	17.50		
		110	5550	12.98	13.82		16.43	17.50		
		118	5590	13.13	13.77		16.47	17.50		

		126	5630		12.83	13.77	16.34	17.50		
		134	5670		12.54	13.51	16.06	17.50		
		142	5710		12.38	13.23	15.84	17.50		
	U-NII-3	151	5755		13.55	15.55	17.67	19.00		
		159	5795		13.53	15.83	17.84	19.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	10.73	11.21	13.99	15.00		
	U-NII-2A	58	5290		11.56	12.11	14.85	16.50		
	U-NII-2C	106	5530		10.67	10.62	13.66	15.00		
		122	5610		9.89	11.01	13.50	15.00		
		138	5690		9.77	10.76	13.30	15.00		
	U-NII-3	155	5775		14.54	15.47	18.04	19.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax- 20	U-NII-1	36	5180	MCS0	12.66	12.69	15.69	17.50		
		40	5200		12.59	13.22	15.93	17.50		
		44	5220		12.41	13.30	15.89	17.50		
		48	5240		12.41	13.40	15.94	17.50		
	U-NII-2A	52	5260		12.69	12.60	15.66	17.50		
		56	5280		12.52	13.38	15.98	17.50		
		60	5300		12.48	13.41	15.98	17.50		
		64	5320		12.51	13.53	16.06	17.50		
	U-NII-2C	100	5500		13.12	13.62	16.39	17.50		
		104	5520		12.94	13.70	16.35	17.50		
		108	5540		12.85	13.82	16.37	17.50		
		112	5560		12.24	13.71	16.05	17.50		
		116	5580		12.26	13.69	16.04	17.50		
		120	5600		12.36	13.84	16.17	17.50		
		124	5620		12.28	13.59	15.99	17.50		
		128	5640		12.15	13.46	15.86	17.50		
		132	5660		12.34	13.47	15.95	17.50		
		136	5680		12.28	13.14	15.74	17.50		
		140	5700		12.10	13.09	15.63	17.50		
		144	5720		12.22	13.27	15.79	17.50		
	U-NII-3	149	5745		13.23	15.31	17.40	19.00		
		153	5765		13.21	15.40	17.45	19.00		
		157	5785		13.42	15.43	17.55	19.00		
		161	5805		13.48	15.50	17.62	19.00		
		165	5825		13.44	15.62	17.68	19.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up

802.11ax-40	U-NII-1	38	5190	MCS0	12.89	12.58	15.75	17.50
		46	5230		12.55	13.26	15.93	17.50
	U-NII-2A	54	5270		12.42	13.49	16.00	17.50
		62	5310		12.31	13.35	15.87	17.50
	U-NII-2C	102	5510		12.99	13.83	16.44	17.00
		110	5550		12.99	13.76	16.40	17.00
		118	5590		12.69	13.67	16.22	17.00
		126	5630		12.42	13.69	16.11	17.00
		134	5670		12.30	13.11	15.73	17.00
	U-NII-3	142	5710		11.97	13.22	15.65	17.00
		151	5755		13.55	15.58	17.69	19.00
		159	5795		13.58	15.88	17.89	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.37	13.07	15.74	16.50
	U-NII-2A	58	5290		13.60	14.47	17.07	17.50
	U-NII-2C	106	5530		12.46	13.13	15.82	16.50
		122	5610		11.65	13.00	15.39	16.50
		138	5690		11.54	12.50	15.06	16.50
	U-NII-3	155	5775		14.51	15.55	18.07	19.00

WIFI 5GHz Hotspot on Standalone								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.48	13.44	16.47	17.50
		40	5200		13.51	13.73	16.63	17.50
		44	5220		13.22	13.92	16.59	17.50
		48	5240		13.02	14.04	16.57	17.50
	U-NII-2A	52	5260		12.70	13.07	15.90	17.50
		56	5280		12.66	13.12	15.91	17.50
		60	5300		12.09	13.58	15.91	17.50
		64	5320		11.95	13.56	15.84	17.50
	U-NII-2C	100	5500		13.71	13.99	16.86	17.50
		104	5520		13.26	14.18	16.75	17.50
		108	5540		13.22	14.16	16.73	17.50
		112	5560		13.09	14.31	16.75	17.50
		116	5580		12.96	14.33	16.71	17.50
		120	5600		12.72	14.03	16.43	17.50
		124	5620		12.73	14.08	16.47	17.50
		128	5640		12.68	13.93	16.36	17.50
132	5660	12.71	13.46	16.11	17.50			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-3	136	5680	MCS0	12.76	13.24	16.02	17.50	
		140	5700		12.73	13.39	16.08	17.50	
		144	5720		12.62	13.35	16.01	17.50	
		149	5745		16.40	17.69	20.10	21.50	
		153	5765		16.46	17.90	20.25	21.50	
		157	5785		16.77	18.26	20.59	21.50	
		161	5805		16.44	18.11	20.37	21.50	
	165	5825	16.10		18.18	20.27	21.50		
	802.11n- HT40	U-NII-1	36		5180	12.85	12.52	15.70	17.50
			40		5200	12.55	13.25	15.92	17.50
			44		5220	12.49	13.49	16.03	17.50
			48		5240	12.47	13.26	15.89	17.50
		U-NII-2A	52		5260	12.68	12.69	15.70	17.50
			56		5280	12.52	13.26	15.92	17.50
			60		5300	12.46	13.37	15.95	17.50
			64		5320	12.46	13.41	15.97	17.50
		U-NII-2C	100		5500	13.18	13.68	16.45	17.50
			104		5520	13.09	13.92	16.54	17.50
			108		5540	12.94	13.91	16.46	17.50
			112		5560	12.22	13.97	16.19	17.50
			116		5580	12.22	13.78	16.08	17.50
			120		5600	12.40	13.85	16.20	17.50
			124		5620	12.44	13.66	16.10	17.50
			128		5640	12.24	13.42	15.88	17.50
			132		5660	12.42	13.43	15.96	17.50
			136		5680	12.47	13.24	15.88	17.50
		U-NII-3	140		5700	12.30	13.19	15.78	17.50
			144		5720	12.17	13.16	15.70	17.50
149			5745	15.74	17.95	19.99	21.50		
153			5765	15.83	17.91	20.00	21.50		
157			5785	15.96	18.00	20.11	21.50		
U-NII-3		161	5805	16.06	18.15	20.24	21.50		
		165	5825	16.11	18.20	20.29	21.50		
		38	5190	12.73	12.60	15.68	17.50		
		46	5230	13.41	14.01	16.73	17.50		
U-NII-2A		54	5270	12.43	13.30	15.90	17.50		
	62	5310	12.40	13.39	15.93	17.50			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ac-20	U-NII-2C	102	5510	MCS0	13.00	14.01	16.54	17.50	
		110	5550		12.95	13.80	16.41	17.50	
		118	5590		13.09	13.78	16.46	17.50	
		126	5630		12.81	13.70	16.29	17.50	
		134	5670		12.45	13.52	16.03	17.50	
		142	5710		12.35	13.25	15.83	17.50	
	U-NII-3	151	5755		15.98	17.55	19.85	21.50	
		159	5795		16.18	17.77	20.06	21.50	
	802.11ac-20	U-NII-1	36		5180	12.95	12.53	15.76	17.50
			40		5200	12.52	13.21	15.89	17.50
			44		5220	12.49	13.50	16.03	17.50
			48		5240	12.46	13.28	15.90	17.50
		U-NII-2A	52		5260	12.65	12.76	15.72	17.50
			56		5280	12.59	13.32	15.98	17.50
60			5300	12.47	13.44	15.99	17.50		
64			5320	12.53	13.43	16.01	17.50		
U-NII-2C		100	5500	13.15	13.76	16.48	17.50		
		104	5520	13.17	13.92	16.57	17.50		
		108	5540	12.92	14.01	16.51	17.50		
		112	5560	12.25	14.02	16.23	17.50		
		116	5580	12.26	13.86	16.14	17.50		
		120	5600	12.37	13.85	16.18	17.50		
		124	5620	12.49	13.66	16.12	17.50		
		128	5640	12.25	13.51	15.94	17.50		
		132	5660	12.46	13.42	15.98	17.50		
		136	5680	12.50	13.24	15.90	17.50		
U-NII-3		140	5700	12.34	13.24	15.82	17.50		
		144	5720	12.19	13.14	15.70	17.50		
	149	5745	15.77	17.98	20.02	21.50			
	153	5765	15.82	17.95	20.02	21.50			
	157	5785	16.04	18.02	20.15	21.50			
	161	5805	16.04	18.16	20.24	21.50			
165	5825	16.13	18.21	20.30	21.50				
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11ac-40	U-NII-1	38	5190	MCS0	12.74	12.62	15.69	17.50	
		46	5230		12.53	13.17	15.87	17.50	
	U-NII-2A	54	5270		12.40	13.39	15.93	17.50	
		62	5310		12.45	13.35	15.93	17.50	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-2C	102	5510	MCS0	13.07	14.00	16.57	17.50
		110	5550		12.97	13.79	16.41	17.50
		118	5590		13.16	13.83	16.52	17.50
		126	5630		12.83	13.77	16.34	17.50
		134	5670		12.41	13.52	16.01	17.50
		142	5710		12.33	13.29	15.85	17.50
	U-NII-3	151	5755		16.04	17.50	19.84	21.50
		159	5795		16.18	17.75	20.05	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	12.89	12.49	15.70	17.50
		40	5200		12.59	13.25	15.94	17.50
		44	5220		12.58	13.49	16.07	17.50
		48	5240		12.43	13.26	15.88	17.50
	U-NII-2A	52	5260		12.72	12.74	15.74	17.50
		56	5280		12.53	13.28	15.93	17.50
		60	5300		12.53	13.36	15.98	17.50
		64	5320		12.51	13.39	15.98	17.50
U-NII-2C	100	5500	13.24	13.65	16.46	17.50		
	104	5520	13.10	14.00	16.58	17.50		
	108	5540	13.03	13.93	16.51	17.50		
	112	5560	12.20	13.99	16.20	17.50		
	116	5580	12.25	13.82	16.12	17.50		
	120	5600	12.38	13.81	16.16	17.50		
	124	5620	12.50	13.70	16.15	17.50		
	128	5640	12.32	13.42	15.92	17.50		
	132	5660	12.47	13.41	15.98	17.50		
	136	5680	12.47	13.26	15.89	17.50		
U-NII-3	140	5700	12.38	13.23	15.84	17.50		
	144	5720	12.23	13.16	15.73	17.50		
	149	5745	15.76	18.00	20.03	21.50		
	153	5765	15.78	17.98	20.03	21.50		
		157	5785	16.00	17.96	20.10	21.50	

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
		161	5805		16.15	18.24	20.33	21.50	
		165	5825		16.13	18.22	20.31	21.50	
802.11ax-40	U-NII-1	38	5190	MCS0	12.70	12.62	15.67	17.50	
		46	5230		12.60	13.18	15.91	17.50	
	U-NII-2A	54	5270		12.50	13.35	15.96	17.50	
		62	5310		12.38	13.39	15.92	17.50	
	U-NII-2C	102	5510		12.99	13.83	16.44	17.00	
			110		5550	12.99	13.76	16.40	17.00
			118		5590	12.69	13.67	16.22	17.00
			126		5630	12.42	13.69	16.11	17.00
			134		5670	12.30	13.11	15.73	17.00
			142		5710	11.97	13.22	15.65	17.00
	U-NII-3	151	5755		16.00	17.61	19.89	21.50	
			159		5795	16.25	17.73	20.06	21.50
802.11ax 80M	U-NII-1	42	5210		MCS0	12.37	13.07	15.74	16.50
	U-NII-2A	58	5290			13.30	14.17	16.77	17.50
	U-NII-2C	106	5530			12.46	13.13	15.82	16.50
			122			5610	11.65	13.00	15.39
			138	5690		11.54	12.50	15.06	16.50
	U-NII-3	155	5775	17.93		18.20	21.08	21.50	

WIFI 5GHz Receiver On Simultaneous									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	6.21	6.27	9.25	11.00	
			40		5200	6.17	6.77	9.49	11.00
			44		5220	5.96	6.84	9.43	11.00
			48		5240	5.92	6.86	9.43	11.00
	U-NII-2A	52	5260		6.18	6.09	9.15	11.00	
		56	5280		5.99	6.97	9.52	11.00	
		60	5300		6.07	6.92	9.53	11.00	
		64	5320		6.10	6.98	9.57	11.00	
	U-NII-2C	100	5500		6.65	7.17	9.93	11.00	
		104	5520		6.46	7.26	9.89	11.00	
		108	5540		6.34	7.28	9.85	11.00	
		112	5560		5.79	7.19	9.56	11.00	
		116	5580		5.74	7.27	9.58	11.00	

		120	5600		5.90	7.33	9.68	11.00	
		124	5620		5.76	7.15	9.52	11.00	
		128	5640		5.60	6.92	9.32	11.00	
		132	5660		5.93	7.04	9.53	11.00	
		136	5680		5.83	6.66	9.28	11.00	
		140	5700		5.63	6.56	9.13	11.00	
		144	5720		5.82	6.83	9.36	11.00	
	U-NII-3	149	5745		6.80	8.76	10.90	12.50	
		153	5765		6.80	8.91	10.99	12.50	
		157	5785		6.93	8.98	11.09	12.50	
		161	5805		6.97	8.98	11.10	12.50	
		165	5825		6.96	9.08	11.16	12.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-1	36	5180	MCS0	6.19	6.33	9.27	11.00	
		40	5200		6.16	6.81	9.51	11.00	
		44	5220		6.00	6.88	9.47	11.00	
		48	5240		5.88	6.89	9.42	11.00	
	U-NII-2A	52	5260		6.28	6.12	9.21	11.00	
		56	5280		5.98	6.93	9.49	11.00	
		60	5300		6.08	6.98	9.56	11.00	
		64	5320		6.18	7.04	9.64	11.00	
	U-NII-2C	100	5500		6.66	7.26	9.98	11.00	
		104	5520		6.44	7.34	9.92	11.00	
		108	5540		6.41	7.25	9.86	11.00	
		112	5560		5.85	7.16	9.56	11.00	
		116	5580		5.80	7.36	9.66	11.00	
		120	5600		5.98	7.41	9.76	11.00	
		124	5620		5.71	7.20	9.53	11.00	
		128	5640		5.65	6.88	9.32	11.00	
		132	5660		5.90	7.04	9.52	11.00	
		136	5680		5.92	6.69	9.33	11.00	
	U-NII-3	140	5700		5.64	6.57	9.14	11.00	
		144	5720		5.86	6.92	9.43	11.00	
		149	5745		6.77	8.77	10.89	12.50	
		153	5765		6.79	8.90	10.98	12.50	
		157	5785		6.91	8.96	11.07	12.50	
			161		5805	6.99	8.97	11.10	12.50
			165		5825	7.01	9.11	11.20	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	

802.11n- HT40	U-NII-1	38	5190	MCS0	6.45	6.13	9.30	11.00		
		46	5230		6.07	6.78	9.45	11.00		
	U-NII-2A	54	5270		5.97	7.08	9.57	11.00		
		62	5310		5.91	6.87	9.43	11.00		
	U-NII-2C	102	5510		6.60	7.58	10.13	11.00		
		110	5550		6.46	7.44	9.99	11.00		
		118	5590		6.68	7.34	10.03	11.00		
		126	5630		6.31	7.32	9.85	11.00		
		134	5670		6.16	7.14	9.69	11.00		
	U-NII-3	142	5710		5.81	6.78	9.33	11.00		
		151	5755		6.99	9.07	11.16	12.50		
		159	5795		7.01	9.10	11.19	12.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac- 20	U-NII-1	36	5180	MCS0	6.29	6.26	9.29	11.00		
		40	5200		6.19	6.84	9.54	11.00		
		44	5220		5.94	6.85	9.43	11.00		
		48	5240		5.90	6.85	9.41	11.00		
	U-NII-2A	52	5260		6.27	6.14	9.22	11.00		
		56	5280		6.03	6.95	9.52	11.00		
		60	5300		6.04	6.91	9.51	11.00		
		64	5320		6.12	7.03	9.61	11.00		
	U-NII-2C	100	5500		6.68	7.14	9.93	11.00		
		104	5520		6.47	7.23	9.88	11.00		
		108	5540		6.34	7.32	9.87	11.00		
		112	5560		5.77	7.15	9.52	11.00		
		116	5580		5.72	7.31	9.60	11.00		
		120	5600		5.89	7.32	9.67	11.00		
		124	5620		5.83	7.16	9.56	11.00		
		128	5640		5.60	6.98	9.35	11.00		
		132	5660		6.01	7.06	9.58	11.00		
		136	5680		5.84	6.67	9.29	11.00		
	U-NII-3	140	5700		5.62	6.64	9.17	11.00		
		144	5720		5.83	6.90	9.41	11.00		
		149	5745		6.76	8.76	10.88	12.50		
		153	5765		6.79	8.93	11.00	12.50		
		157	5785		6.97	9.01	11.12	12.50		
			161		5805	7.02	9.00	11.13	12.50	
			165		5825	6.99	9.13	11.20	12.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up

802.11ac-40	U-NII-1	38	5190	MCS0	6.42	6.17	9.31	11.00
		46	5230		6.06	6.81	9.46	11.00
	U-NII-2A	54	5270		5.91	6.98	9.49	11.00
		62	5310		5.86	6.86	9.40	11.00
	U-NII-2C	102	5510		6.57	7.48	10.06	11.00
		110	5550		6.46	7.40	9.97	11.00
		118	5590		6.62	7.28	9.97	11.00
		126	5630		6.33	7.25	9.82	11.00
		134	5670		6.18	7.05	9.65	11.00
	U-NII-3	142	5710		5.87	6.67	9.30	11.00
151		5755	6.95	9.01	11.11	12.50		
159		5795	7.02	9.17	11.24	12.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	6.62	7.30	9.98	11.00
	U-NII-2A	58	5290		7.00	7.67	10.36	11.00
	U-NII-2C	106	5530		8.10	8.75	11.45	11.00
		122	5610		7.20	8.60	10.97	11.00
	U-NII-3	138	5690		7.18	8.08	10.66	11.00
		155	5775		7.71	9.59	11.76	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	6.26	6.36	9.32	11.00
		40	5200		6.20	6.75	9.49	11.00
		44	5220		6.01	6.93	9.50	11.00
		48	5240		6.00	6.87	9.47	11.00
	U-NII-2A	52	5260		6.20	6.12	9.17	11.00
		56	5280		5.98	6.94	9.50	11.00
		60	5300		6.14	7.00	9.60	11.00
		64	5320		6.06	7.04	9.59	11.00
	U-NII-2C	100	5500		6.72	7.13	9.94	11.00
		104	5520		6.43	7.35	9.92	11.00
		108	5540		6.34	7.35	9.88	11.00
		112	5560		5.82	7.21	9.58	11.00
		116	5580		5.74	7.26	9.58	11.00
		120	5600		5.87	7.39	9.71	11.00
		124	5620		5.73	7.15	9.51	11.00
		128	5640		5.68	6.93	9.36	11.00
		132	5660		6.00	7.11	9.60	11.00
		136	5680		5.86	6.72	9.32	11.00
		140	5700		5.72	6.60	9.19	11.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-3	144	5720		5.91	6.86	9.42	11.00
		149	5745		6.77	8.85	10.94	12.50
		153	5765		6.83	8.98	11.05	12.50
		157	5785		6.89	9.03	11.10	12.50
		161	5805		7.04	9.04	11.16	12.50
		165	5825		7.02	9.15	11.22	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	6.41	6.14	9.29	11.00
		46	5230		6.04	6.83	9.46	11.00
	U-NII-2A	54	5270		5.92	7.03	9.52	11.00
		62	5310		5.77	6.88	9.37	11.00
	U-NII-2C	102	5510		6.53	7.48	10.04	11.00
		110	5550		6.49	7.42	9.99	11.00
		118	5590		6.73	7.34	10.06	11.00
		126	5630		6.26	7.28	9.81	11.00
		134	5670		6.14	7.17	9.70	11.00
		142	5710		5.87	6.78	9.36	11.00
	U-NII-3	151	5755		6.99	8.93	11.08	12.50
		159	5795		6.97	9.18	11.22	12.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	6.69	7.34	10.04	11.00
	U-NII-2A	58	5290		7.04	7.69	10.39	11.00
	U-NII-2C	106	5530		8.19	8.78	11.51	11.00
		122	5610		7.21	8.62	10.98	11.00
		138	5690		7.14	8.08	10.65	11.00
	U-NII-3	155	5775		7.68	9.64	11.78	12.50

WIFI 5GHz Receiver off Simultaneous								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	9.70	9.76	12.74	14.50
		40	5200		9.71	10.29	13.02	14.50
		44	5220		9.44	10.41	12.96	14.50
		48	5240		9.51	10.44	13.01	14.50
	U-NII-2A	52	5260		9.68	9.68	12.69	14.50
		56	5280		9.48	10.46	13.01	14.50
		60	5300		9.53	10.51	13.06	14.50
		64	5320		9.62	10.51	13.10	14.50
	U-NII-2C	100	5500		11.67	12.24	14.97	16.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-1	104	5520	MCS0	11.44	12.27	14.89	16.00	
		108	5540		11.36	12.31	14.87	16.00	
		112	5560		10.88	12.18	14.59	16.00	
		116	5580		10.79	12.36	14.66	16.00	
		120	5600		10.99	12.42	14.77	16.00	
		124	5620		10.76	12.18	14.54	16.00	
		128	5640		10.62	11.93	14.33	16.00	
		132	5660		11.01	12.05	14.57	16.00	
		136	5680		10.90	11.69	14.32	16.00	
		140	5700		10.66	11.56	14.14	16.00	
		144	5720		10.80	11.80	14.34	16.00	
		U-NII-3	149		5745	11.83	13.81	15.94	17.00
			153		5765	11.89	13.94	16.05	17.00
			157		5785	11.92	14.04	16.12	17.00
	161		5805		12.06	14.04	16.17	17.00	
	165		5825		11.96	14.08	16.16	17.00	
	U-NII-2A	52	5260		9.77	9.64	12.72	14.50	
		56	5280		9.46	10.50	13.02	14.50	
		60	5300		9.59	10.46	13.06	14.50	
		64	5320		9.59	10.60	13.13	14.50	
	U-NII-2C	100	5500		11.72	12.32	15.04	16.00	
		104	5520		11.45	12.26	14.88	16.00	
		108	5540		11.35	12.41	14.92	16.00	
		112	5560		10.92	12.19	14.61	16.00	
		116	5580		10.88	12.35	14.69	16.00	
		120	5600		11.08	12.51	14.86	16.00	
		124	5620		10.82	12.22	14.59	16.00	
		128	5640		10.70	11.94	14.37	16.00	
132		5660	11.10	12.14	14.66	16.00			
136		5680	10.88	11.69	14.31	16.00			
140		5700	10.68	11.58	14.16	16.00			
U-NII-3	144	5720	10.77	11.81	14.33	16.00			
	149	5745	11.84	13.81	15.95	17.00			
	153	5765	11.98	14.01	16.12	17.00			
	157	5785	11.96	14.08	16.16	17.00			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
		161	5805		12.11	14.00	16.17	17.00		
		165	5825		11.97	14.04	16.14	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	9.92	9.64	12.79	14.50		
		46	5230		9.56	10.41	13.02	14.50		
	U-NII-2A	54	5270		9.53	10.60	13.11	14.50		
		62	5310		9.44	10.53	13.03	14.50		
	U-NII-2C	102	5510		11.66	12.70	15.22	16.00		
		110	5550		11.60	12.52	15.09	16.00		
		118	5590		11.78	12.34	15.08	16.00		
		126	5630		11.22	12.41	14.87	16.00		
		134	5670		11.20	12.06	14.66	16.00		
		142	5710		10.96	11.86	14.44	16.00		
	U-NII-3	151	5755		12.11	14.17	16.27	17.00		
		159	5795		12.07	14.23	16.29	17.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac 80M	U-NII-1	42		5210	MCS0	8.99	9.71	12.38	14.50
58			5290	9.02	10.00		12.55	14.50		
U-NII-2C		106	5530	10.67	10.62		13.66	15.00		
		122	5610	9.89	11.01		13.50	15.00		
U-NII-3		138	5690	9.77	10.76		13.30	15.00		
		155	5775	11.75	13.56		15.76	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax-20	U-NII-1	36	5180	MCS0	9.79	9.73	12.77	14.50		
		40	5200		9.73	10.34	13.06	14.50		
		44	5220		9.47	10.43	12.99	14.50		
		48	5240		9.56	10.43	13.03	14.50		
	U-NII-2A	52	5260		9.71	9.72	12.73	14.50		
		56	5280		9.43	10.55	13.04	14.50		
		60	5300		9.63	10.51	13.10	14.50		
		64	5320		9.61	10.56	13.12	14.50		
	U-NII-2C	100	5500		11.72	12.29	15.02	16.00		
		104	5520		11.45	12.30	14.91	16.00		
		108	5540		11.41	12.38	14.93	16.00		
		112	5560		10.93	12.19	14.62	16.00		
		116	5580		10.89	12.45	14.75	16.00		
		120	5600		11.09	12.38	14.79	16.00		
		124	5620		10.84	12.13	14.54	16.00		
		128	5640		10.65	11.99	14.38	16.00		

		132	5660		11.07	12.03	14.59	16.00		
		136	5680		10.89	11.72	14.34	16.00		
		140	5700		10.75	11.65	14.23	16.00		
		144	5720		10.83	11.79	14.35	16.00		
	U-NII-3	149	5745		11.82	13.77	15.91	17.00		
		153	5765		11.92	13.91	16.04	17.00		
		157	5785		11.95	13.99	16.10	17.00		
		161	5805		12.04	14.11	16.21	17.00		
		165	5825		12.06	14.12	16.22	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax-40	U-NII-1	38	5190	MCS0	9.95	9.73	12.85	14.50		
		46	5230		9.51	10.40	12.99	14.50		
	U-NII-2A	54	5270		9.58	10.69	13.18	14.50		
		62	5310		9.42	10.45	12.98	14.50		
	U-NII-2C	102	5510		11.66	12.64	15.19	16.00		
		110	5550		11.63	12.50	15.10	16.00		
		118	5590		11.75	12.33	15.06	16.00		
		126	5630		11.26	12.41	14.88	16.00		
		134	5670		11.23	12.13	14.71	16.00		
	U-NII-3	142	5710		10.87	11.91	14.43	16.00		
		151	5755		12.07	14.13	16.23	17.00		
		159	5795		11.92	14.30	16.28	17.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax 80M	U-NII-1	42		5210	MCS0	8.98	9.80	12.42	14.50
U-NII-2A		58	5290	9.04	10.04		12.58	14.50		
U-NII-2C		106	5530	12.03	12.80		15.44	16.00		
		122	5610	11.18	12.60		14.96	16.00		
		138	5690	11.17	12.17		14.71	16.00		
U-NII-3		155	5775	11.83	13.63		15.83	17.00		

WIFI 5GHz Hotspot On Simultaneous								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	6.24	6.32	9.29	11.00
		40	5200		6.13	6.75	9.46	11.00
		44	5220		5.99	6.82	9.44	11.00
		48	5240		5.87	6.86	9.40	11.00
	U-NII-2A	52	5260		6.14	6.13	9.15	11.00
		56	5280		6.07	6.95	9.54	11.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-2C	60	5300	MCS0	6.13	6.96	9.58	11.00	
		64	5320		6.14	7.03	9.62	11.00	
		100	5500		6.65	7.17	9.93	11.00	
		104	5520		6.46	7.26	9.89	11.00	
		108	5540		6.34	7.28	9.85	11.00	
		112	5560		5.79	7.19	9.56	11.00	
		116	5580		5.74	7.27	9.58	11.00	
		120	5600		5.90	7.33	9.68	11.00	
		124	5620		5.76	7.15	9.52	11.00	
		128	5640		5.60	6.92	9.32	11.00	
		132	5660		5.93	7.04	9.53	11.00	
		136	5680		5.83	6.66	9.28	11.00	
		140	5700		5.63	6.56	9.13	11.00	
		144	5720		5.82	6.83	9.36	11.00	
	U-NII-3	149	5745		9.87	11.87	13.99	15.00	
		153	5765		9.95	12.01	14.11	15.00	
		157	5785		9.89	12.10	14.14	15.00	
		161	5805		10.02	12.00	14.13	15.00	
		165	5825		10.02	12.14	14.22	15.00	
	U-NII-1	36	5180		6.29	6.39	9.35	11.00	
		40	5200		6.15	6.76	9.48	11.00	
		44	5220		5.95	6.91	9.47	11.00	
		48	5240		5.93	6.88	9.44	11.00	
		U-NII-2A	52		5260	6.18	6.09	9.15	11.00
			56		5280	6.06	6.92	9.52	11.00
			60		5300	6.20	6.95	9.60	11.00
			64		5320	6.13	6.98	9.59	11.00
		U-NII-2C	100		5500	6.72	7.19	9.97	11.00
104			5520	6.43	7.26	9.88	11.00		
108			5540	6.33	7.28	9.84	11.00		
112			5560	5.78	7.22	9.57	11.00		
116			5580	5.83	7.35	9.67	11.00		
120			5600	5.90	7.40	9.72	11.00		
124	5620		5.72	7.23	9.55	11.00			
128	5640		5.57	6.91	9.30	11.00			
132	5660		5.94	7.03	9.53	11.00			
136	5680		5.85	6.62	9.26	11.00			
140	5700	5.69	6.62	9.19	11.00				
144	5720	5.87	6.88	9.41	11.00				

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
	U-NII-3	149	5745		9.94	11.90	14.04	15.00		
		153	5765		10.02	12.07	14.18	15.00		
		157	5785		9.90	12.11	14.15	15.00		
		161	5805		10.07	12.02	14.16	15.00		
		165	5825		10.07	12.17	14.26	15.00		
802.11n-HT40	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
	U-NII-1	38	5190	MCS0	6.54	6.08	9.33	11.00		
		46	5230		6.09	6.84	9.49	11.00		
	U-NII-2A	54	5270		5.93	7.07	9.55	11.00		
		62	5310		5.98	6.84	9.44	11.00		
	U-NII-2C	102	5510		6.60	7.58	10.13	11.00		
		110	5550		6.46	7.44	9.99	11.00		
		118	5590		6.68	7.34	10.03	11.00		
		126	5630		6.31	7.32	9.85	11.00		
		134	5670		6.16	7.14	9.69	11.00		
		142	5710		5.81	6.78	9.33	11.00		
	U-NII-3	151	5755		10.17	12.10	14.25	15.00		
		159	5795		10.16	12.13	14.27	15.00		
	802.11ac-20	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
		U-NII-1	36		5180	MCS0	6.27	6.28	9.29	11.00
40			5200	6.17	6.76		9.49	11.00		
44			5220	6.05	6.90		9.51	11.00		
48			5240	5.93	6.82		9.41	11.00		
U-NII-2A		52	5260	6.18	6.20		9.20	11.00		
		56	5280	6.06	7.01		9.57	11.00		
		60	5300	6.21	6.98		9.62	11.00		
		64	5320	6.14	7.11		9.66	11.00		
U-NII-2C		100	5500	6.64	7.21		9.94	11.00		
		104	5520	6.49	7.33		9.94	11.00		
		108	5540	6.37	7.37		9.91	11.00		
		112	5560	5.75	7.23		9.56	11.00		
		116	5580	5.73	7.22		9.55	11.00		
		120	5600	5.88	7.41		9.72	11.00		
		124	5620	5.77	7.22		9.57	11.00		
		128	5640	5.55	6.90		9.29	11.00		
		132	5660	6.03	7.00		9.55	11.00		
		136	5680	5.91	6.66		9.31	11.00		
		140	5700	5.63	6.65		9.18	11.00		
		144	5720	5.87	6.80		9.37	11.00		

		149	5745		9.91	11.92	14.04	15.00		
		153	5765		9.97	11.97	14.09	15.00		
		157	5785		9.90	12.07	14.13	15.00		
		161	5805		10.10	12.06	14.20	15.00		
		165	5825		10.07	12.18	14.26	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	6.59	6.06	9.34	11.00		
		46	5230		6.11	6.79	9.47	11.00		
	U-NII-2A	54	5270		5.93	7.15	9.59	11.00		
		62	5310		6.03	6.86	9.48	11.00		
	U-NII-2C	102	5510		6.64	7.66	10.19	11.00		
		110	5550		6.51	7.52	10.05	11.00		
		118	5590		6.66	7.33	10.02	11.00		
		126	5630		6.30	7.32	9.85	11.00		
		134	5670		6.26	7.24	9.79	11.00		
		142	5710		5.84	6.87	9.40	11.00		
	U-NII-3	151	5755		10.17	12.08	14.24	15.00		
		159	5795		10.24	12.15	14.31	15.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ac 80M	U-NII-1	42		5210	MCS0	7.12	7.80	10.48	11.00
U-NII-2A		58	5290	7.05	7.74		10.42	11.00		
U-NII-2C		106	5530	8.10	8.75		11.45	11.00		
		122	5610	7.20	8.60		10.97	11.00		
		138	5690	7.18	8.08		10.66	11.00		
U-NII-3		155	5775	9.98	11.90		14.06	15.00		
5GHz		mode	Channel	Frequency(MHz)	Data Rate(Mbps)		Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	6.29	6.33	9.32	11.00		
		40	5200		6.23	6.84	9.56	11.00		
		44	5220		6.08	6.80	9.47	11.00		
		48	5240		5.90	6.87	9.42	11.00		
	U-NII-2A	52	5260		6.15	6.17	9.17	11.00		
		56	5280		6.16	6.95	9.58	11.00		
		60	5300		6.08	7.01	9.58	11.00		
		64	5320		6.12	7.11	9.65	11.00		
	U-NII-2C	100	5500		6.61	7.17	9.91	11.00		
		104	5520		6.51	7.31	9.94	11.00		
		108	5540		6.43	7.30	9.90	11.00		
		112	5560		5.83	7.15	9.55	11.00		
		116	5580		5.76	7.29	9.60	11.00		

		120	5600		5.87	7.36	9.69	11.00		
		124	5620		5.71	7.14	9.49	11.00		
		128	5640		5.66	6.92	9.35	11.00		
		132	5660		5.94	7.06	9.55	11.00		
		136	5680		5.91	6.61	9.28	11.00		
		140	5700		5.66	6.62	9.18	11.00		
		144	5720		5.88	6.82	9.39	11.00		
	U-NII-3	149	5745		9.92	11.91	14.04	15.00		
		153	5765		9.94	12.03	14.12	15.00		
		157	5785		9.86	12.10	14.13	15.00		
		161	5805		10.03	12.02	14.15	15.00		
		165	5825		10.12	12.17	14.28	15.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up		
802.11ax-40	U-NII-1	38	5190	MCS0	6.61	6.11	9.38	11.00		
		46	5230		6.17	6.84	9.53	11.00		
	U-NII-2A	54	5270		6.02	7.09	9.60	11.00		
		62	5310		6.06	6.91	9.52	11.00		
	U-NII-2C	102	5510		6.59	7.57	10.12	11.00		
		110	5550		6.55	7.52	10.07	11.00		
		118	5590		6.75	7.31	10.05	11.00		
		126	5630		6.34	7.33	9.87	11.00		
		134	5670		6.12	7.18	9.69	11.00		
		142	5710		5.77	6.86	9.36	11.00		
	U-NII-3	151	5755		10.17	12.16	14.29	15.00		
		159	5795		10.13	12.23	14.32	15.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	802.11ax 80M	U-NII-1	42		5210	MCS0	7.12	7.80	10.48	11.00
U-NII-2A		58	5290	7.15	7.86		10.53	11.00		
U-NII-2C		106	5530	8.19	8.78		11.51	11.00		
		122	5610	7.21	8.62		10.98	11.00		
		138	5690	7.14	8.08		10.65	11.00		
U-NII-3		155	5775	9.98	11.90		14.06	15.00		

12.2 Conducted Power of BT

BT		Average Conducted Power(dBm) Standalone			Tune up
Band	Channel	0	39	78	
BT	GFSK	16.08	16.26	15.58	17.00
	$\pi/4$ DQPSK	12.98	12.89	12.45	14.00
	8DPSK	12.88	12.78	12.56	14.00

Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.23	8.12	7.12	9.00
BLE 2M	GFSK	7.36	8.33	7.22	9.00

BT		Average Conducted Power(dBm) Simultaneous			Tune up
Band	Channel	0	39	78	
BT	GFSK	13.50	13.69	12.99	14.00
	$\pi/4$ DQPSK	12.98	12.89	12.45	14.00
	8DPSK	12.88	12.78	12.56	14.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.23	8.12	7.12	9.00
BLE 2M	GFSK	7.36	8.33	7.22	9.00