

# 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	32.45	32.49	32.47	33.50	-9.19	23.26	23.30	23.28	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.42	32.48	32.48	33.50	-9.19	23.23	23.29	23.29	24.31
	2 TX Slots	30.01	30.03	29.99	31.00	-6.18	23.83	23.85	23.81	24.82
	3 TX Slots	28.11	28.12	28.12	29.00	-4.42	23.69	23.70	23.70	24.58
	4 TX Slots	26.44	26.45	26.45	27.50	-3.17	23.27	23.28	23.28	24.33
EGPRS(8PSK)	1 TX Slot	26.80	26.81	26.79	27.50	-9.19	17.61	17.62	17.60	18.31
	2 TX Slots	23.63	23.59	23.59	25.00	-6.18	17.45	17.41	17.41	18.82
	3 TX Slots	22.09	22.08	22.15	23.00	-4.42	17.67	17.66	17.73	18.58
	4 TX Slots	20.69	20.73	20.74	22.50	-3.17	17.52	17.56	17.57	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	29.75	29.74	29.77	30.50	-9.19	20.56	20.55	20.58	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.72	29.71	29.69	30.50	-9.19	20.53	20.52	20.50	21.31
	2 TX Slots	26.75	26.80	26.77	28.50	-6.18	20.57	20.62	20.59	22.32
	3 TX Slots	26.06	26.03	25.98	26.50	-4.42	21.64	21.61	21.56	22.08
	4 TX Slots	24.96	24.99	24.96	25.50	-3.17	21.79	21.82	21.79	22.33
EGPRS(8PSK)	1 TX Slot	26.00	25.94	25.94	26.50	-9.19	16.81	16.75	16.75	17.31
	2 TX Slots	22.97	22.99	22.99	23.50	-6.18	16.79	16.81	16.81	17.32
	3 TX Slots	21.21	21.24	21.20	22.00	-4.42	16.79	16.82	16.78	17.58
	4 TX Slots	20.23	20.25	20.19	20.50	-3.17	17.06	17.08	17.02	17.33

#### 1.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.96	23.04	22.92	24.30
	12.2kbps AMR	22.88	22.87	22.91	24.30
HSDPA	Subtest 1	22.47	22.51	22.48	23.30
	Subtest 2	22.48	22.50	22.51	23.30
	Subtest 3	21.94	22.01	22.04	22.80
	Subtest 4	22.06	21.82	22.09	22.80
HSUPA	Subtest 1	20.37	20.40	20.45	21.80
	Subtest 2	20.42	20.48	20.46	21.30
	Subtest 3	21.50	21.35	21.54	22.30
	Subtest 4	19.95	19.96	20.03	21.30
	Subtest 5	21.41	21.41	21.55	22.30
DC-HSDPA	Subtest 1	22.46	22.42	22.55	23.30

	Subtest 2	22.41	22.43	22.62	23.30
	Subtest 3	21.99	22.04	21.99	22.80
	Subtest 4	21.97	21.87	22.03	22.80
HSPA+	16QAM	20.45	20.44	20.57	21.30

WCDMA Band II Sensor On/Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.53	20.66	20.49	21.80
	12.2kbps AMR	20.52	20.47	20.48	21.80
HSDPA	Subtest 1	20.07	20.08	20.05	20.80
	Subtest 2	20.08	20.15	20.12	20.80
	Subtest 3	19.53	19.60	19.61	20.30
	Subtest 4	19.70	19.38	19.69	20.30
HSUPA	Subtest 1	17.98	17.99	18.04	19.30
	Subtest 2	18.04	18.07	18.07	18.80
	Subtest 3	19.08	18.93	19.13	19.80
	Subtest 4	17.51	17.55	17.62	18.80
	Subtest 5	19.06	19.01	19.14	19.80
DC-HSDPA	Subtest 1	20.11	20.01	20.14	20.80
	Subtest 2	19.98	20.02	20.19	20.80
	Subtest 3	19.60	19.64	19.60	20.30
	Subtest 4	19.61	19.44	19.66	20.30
HSPA+	16QAM	18.08	18.06	18.18	18.80

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.96	23.97	23.93	24.70
	12.2kbps AMR	23.87	23.86	23.87	24.70
HSDPA	Subtest 1	23.45	23.40	23.45	23.70
	Subtest 2	23.49	23.48	23.53	23.70
	Subtest 3	22.94	23.01	22.98	23.20
	Subtest 4	22.99	22.83	23.05	23.20
HSUPA	Subtest 1	21.38	21.37	21.38	22.20
	Subtest 2	21.46	21.44	21.44	21.70
	Subtest 3	22.46	22.32	22.50	22.70
	Subtest 4	20.90	20.91	20.96	21.70
	Subtest 5	22.41	22.42	22.49	22.70
DC-HSDPA	Subtest 1	23.35	23.40	23.55	23.70
	Subtest 2	23.35	23.40	23.57	23.70
	Subtest 3	22.90	22.94	22.90	23.20
	Subtest 4	22.96	22.85	22.99	23.20
HSPA+	16QAM	21.40	21.38	21.46	21.70

WCDMA Band IV Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.30	21.40	21.37	21.70
	12.2kbps AMR	21.25	21.23	21.29	21.70
HSDPA	Subtest 1	20.37	20.34	20.39	20.70
	Subtest 2	20.38	20.35	20.45	20.70
	Subtest 3	19.87	19.88	19.89	20.20
	Subtest 4	19.88	19.71	19.98	20.20
HSUPA	Subtest 1	18.27	18.26	18.27	19.20
	Subtest 2	18.39	18.37	18.35	18.70
	Subtest 3	19.35	19.23	19.43	19.70
	Subtest 4	17.82	17.84	17.84	18.70
DC-HSDPA	Subtest 5	19.35	19.35	19.42	19.70
	Subtest 1	20.23	20.29	20.42	20.70
	Subtest 2	20.30	20.28	20.43	20.70
	Subtest 3	19.82	19.84	19.82	20.20
HSPA+	Subtest 4	19.85	19.71	19.90	20.20
	16QAM	18.28	18.29	18.34	18.70

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.96	24.03	23.94	25.00
	12.2kbps AMR	23.91	23.89	23.96	25.00
HSDPA	Subtest 1	23.48	23.50	23.46	24.00
	Subtest 2	23.48	23.48	23.52	24.00
	Subtest 3	22.97	23.00	23.05	23.50
	Subtest 4	23.05	22.87	23.07	23.50
HSUPA	Subtest 1	21.36	21.42	21.42	22.50
	Subtest 2	21.42	21.40	21.45	22.00
	Subtest 3	22.50	22.36	22.58	23.00
	Subtest 4	20.94	20.97	20.98	22.00
DC-HSDPA	Subtest 5	22.45	22.42	22.55	23.00
	Subtest 1	23.42	23.41	23.60	24.00
	Subtest 2	23.42	23.46	23.61	24.00
	Subtest 3	22.99	23.03	23.00	23.50
HSPA+	Subtest 4	23.01	22.85	23.04	23.50
	16QAM	21.44	21.49	21.50	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	22.81	22.83	22.84	23.80
		1	2	22.83	22.84	22.82	23.80
		1	5	22.76	22.83	22.80	23.80
		3	0	21.88	21.98	21.93	22.80
		3	2	22.02	21.88	22.00	22.80
		3	3	22.00	21.97	21.98	22.80
		6	0	21.89	22.07	21.94	22.80
	16QAM	1	0	21.98	21.97	22.07	22.80
		1	2	21.77	22.06	21.88	22.80
		1	5	21.91	22.02	21.99	22.80
		3	0	20.99	21.04	20.94	21.80
		3	2	20.99	20.95	20.97	21.80
		3	3	21.00	20.93	21.05	21.80
		6	0	20.94	20.85	20.98	21.80
	64QAM	1	0	20.91	20.92	21.00	21.80
		1	2	20.66	20.74	20.85	21.80
		1	5	20.77	20.71	20.96	21.80
		3	0	20.91	20.95	20.97	21.80
		3	2	20.65	20.71	20.84	21.80
		3	3	20.75	20.74	20.87	21.80
		6	0	20.25	20.26	20.34	20.80
	256QAM	1	0	18.00	18.11	18.06	18.80
		1	2	18.05	18.01	18.17	18.80
		1	5	17.99	18.05	18.15	18.80
		3	0	18.07	18.03	18.07	18.80
		3	2	18.02	18.06	18.04	18.80
		3	3	18.07	18.11	18.16	18.80
		6	0	17.97	18.04	18.07	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.75	22.87	22.81	23.80
		1	7	22.79	22.78	22.82	23.80
		1	14	22.73	22.84	22.82	23.80
		8	0	21.93	22.03	21.94	22.80

	16QAM	8	4	22.01	21.88	21.95	22.80	
		8	7	22.03	22.00	21.92	22.80	
		15	0	21.86	22.02	21.95	22.80	
		1	0	21.96	21.89	22.05	22.80	
		1	7	21.81	22.06	21.85	22.80	
		1	14	21.92	21.98	22.01	22.80	
		8	0	20.99	21.01	20.96	21.80	
		8	4	20.98	20.99	20.97	21.80	
		8	7	20.95	20.94	21.05	21.80	
	15	0	20.97	20.84	21.01	21.80		
	64QAM	1	0	20.90	20.95	20.97	21.80	
		1	7	20.73	20.69	20.86	21.80	
		1	14	20.77	20.75	20.89	21.80	
		8	0	20.20	20.18	20.16	20.80	
		8	4	20.09	20.09	20.02	20.80	
		8	7	20.26	20.23	20.28	20.80	
		15	0	20.26	20.26	20.34	20.80	
	256QAM	1	0	17.97	18.11	18.09	18.80	
		1	7	18.02	18.04	18.22	18.80	
		1	14	18.08	18.04	18.07	18.80	
		8	0	17.96	18.07	18.00	18.80	
		8	4	18.13	18.15	18.06	18.80	
		8	7	17.99	18.15	18.17	18.80	
		15	0	18.02	18.10	18.03	18.80	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18625	<b>Channel</b> 18900	<b>Channel</b> 19175	<b>Tune up</b>
	<b>5MHz</b>	QPSK	1	0	22.80	22.90	22.83	23.80
			1	13	22.88	22.81	22.82	23.80
			1	24	22.78	22.85	22.75	23.80
12			0	21.94	21.99	21.92	22.80	
12			6	22.00	21.88	22.01	22.80	
12			13	21.98	21.92	21.95	22.80	
25			0	21.91	22.04	21.94	22.80	
16QAM		1	0	22.02	21.91	22.01	22.80	
		1	13	21.78	22.02	21.85	22.80	
		1	24	21.89	22.03	22.01	22.80	
		12	0	20.95	21.04	20.96	21.80	
		12	6	20.98	20.98	21.04	21.80	
		12	13	21.02	20.99	21.11	21.80	
		25	0	21.01	20.87	21.04	21.80	

	64QAM	1	0	20.95	20.94	21.04	21.80
		1	13	20.66	20.75	20.83	21.80
		1	24	20.76	20.74	20.92	21.80
		12	0	20.20	20.17	20.14	20.80
		12	6	20.10	20.04	20.03	20.80
		12	13	20.27	20.21	20.30	20.80
		25	0	20.24	20.26	20.29	20.80
	256QAM	1	0	18.06	18.03	18.03	18.80
		1	13	18.08	18.00	18.14	18.80
		1	24	17.98	18.05	18.12	18.80
		12	0	18.03	18.03	18.08	18.80
		12	6	18.11	18.05	18.17	18.80
		12	13	18.11	18.02	18.20	18.80
		25	0	17.95	18.07	18.07	18.80
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	22.74	22.89	22.86	23.80
		1	25	22.82	22.79	22.87	23.80
		1	49	22.74	22.89	22.75	23.80
		25	0	21.93	22.05	21.94	22.80
		25	13	22.02	21.86	22.01	22.80
		25	25	21.99	21.94	21.97	22.80
		50	0	21.91	22.08	21.98	22.80
	16QAM	1	0	21.98	21.94	22.03	22.80
		1	25	21.85	22.07	21.79	22.80
		1	49	21.89	21.98	21.99	22.80
		25	0	21.02	21.01	20.96	21.80
		25	13	21.02	20.95	20.98	21.80
		25	25	20.95	20.96	21.09	21.80
		50	0	20.98	20.89	20.97	21.80
	64QAM	1	0	20.88	20.95	21.04	21.80
		1	25	20.70	20.73	20.83	21.80
		1	49	20.80	20.71	20.90	21.80
		25	0	20.19	20.20	20.13	20.80
		25	13	20.09	20.04	20.08	20.80
		25	25	20.29	20.28	20.25	20.80
		50	0	20.28	20.27	20.31	20.80
	256QAM	1	0	17.94	18.02	18.03	18.80
		1	25	18.15	18.06	18.22	18.80
		1	49	18.00	17.95	18.06	18.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	25	0	18.03	18.11	18.08	18.80
		25	13	18.16	18.12	18.18	18.80
		25	25	18.08	18.09	18.17	18.80
		50	0	18.01	18.08	18.00	18.80
		1	0	22.79	22.85	22.80	23.80
		1	38	22.85	22.82	22.82	23.80
		1	74	22.78	22.91	22.75	23.80
	16QAM	36	0	21.87	22.03	21.96	22.80
		36	18	22.02	21.89	22.02	22.80
		36	39	22.05	21.97	21.98	22.80
		75	0	21.92	22.06	21.90	22.80
		1	0	22.04	21.92	22.07	22.80
		1	38	21.84	22.01	21.79	22.80
		1	74	21.87	22.02	22.02	22.80
	64QAM	36	0	20.99	21.05	20.96	21.80
		36	18	20.98	21.01	21.04	21.80
		36	39	20.93	20.92	21.06	21.80
		75	0	20.99	20.84	20.97	21.80
		1	0	20.87	20.90	20.99	21.80
		1	38	20.65	20.75	20.81	21.80
		1	74	20.81	20.74	20.96	21.80
	256QAM	36	0	20.24	20.18	20.17	20.80
		36	18	20.08	20.08	20.04	20.80
		36	39	20.33	20.22	20.26	20.80
		75	0	20.28	20.30	20.31	20.80
		1	0	17.95	18.06	18.15	18.80
		1	38	18.10	18.10	18.19	18.80
		1	74	18.02	18.07	18.14	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK			18700	18900	19100	
		1	0	22.80	22.92	22.87	23.80
		1	50	22.83	22.81	22.79	23.80
		1	99	22.79	22.90	22.76	23.80
		50	0	21.94	22.11	21.98	22.80





		50	25	22.06	21.84	21.98	22.80
		50	50	22.05	21.91	22.00	22.80
		100	0	21.91	22.01	21.90	22.80
	16QAM	1	0	21.99	21.92	22.04	22.80
		1	50	21.83	22.05	21.85	22.80
		1	99	21.91	21.96	21.93	22.80
		50	0	20.96	21.05	20.90	21.80
		50	25	20.95	21.01	21.02	21.80
		50	50	21.01	20.92	21.07	21.80
		100	0	21.01	20.88	21.00	21.80
		64QAM	1	0	20.90	20.87	20.97
	1		50	20.71	20.73	20.78	21.80
	1		99	20.75	20.71	20.91	21.80
	50		0	20.19	20.13	20.12	20.80
	50		25	20.10	20.03	20.06	20.80
	50		50	20.34	20.20	20.26	20.80
	100		0	20.22	20.30	20.35	20.80
	256QAM	1	0	17.93	18.02	18.04	18.80
		1	50	18.12	18.05	18.11	18.80
		1	99	18.04	18.09	18.13	18.80
		50	0	17.98	18.02	18.11	18.80
		50	25	18.16	18.04	18.11	18.80
		50	50	18.02	18.12	18.13	18.80
		100	0	17.94	18.05	18.00	18.80

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	22.32	22.40	22.40	23.30
		1	2	22.37	22.28	22.26	23.30
		1	5	22.28	22.39	22.23	23.30
		3	0	21.77	21.86	21.74	22.80
		3	2	21.89	21.70	21.89	22.80
		3	3	21.87	21.88	21.82	22.80
	16QAM	6	0	21.77	21.97	21.85	22.80
		1	0	21.88	21.83	21.96	22.80
		1	2	21.65	21.89	21.69	22.80
		1	5	21.73	21.84	21.83	22.80
		3	0	20.89	20.89	20.77	21.80
		3	2	20.89	20.78	20.83	21.80
		3	3	20.90	20.80	20.89	21.80
		6	0	20.80	20.71	20.82	21.80

	64QAM	1	0	20.78	20.74	20.88	21.80	
		1	2	20.55	20.57	20.71	21.80	
		1	5	20.65	20.62	20.85	21.80	
		3	0	20.79	20.84	20.83	21.80	
		3	2	20.55	20.56	20.67	21.80	
		3	3	20.66	20.62	20.73	21.80	
		6	0	20.08	20.14	20.19	20.80	
	256QAM	1	0	18.00	18.11	18.06	18.30	
		1	2	18.05	18.01	18.17	18.80	
		1	5	17.99	18.05	18.15	18.80	
		3	0	18.07	18.03	18.07	18.80	
		3	2	18.02	18.06	18.04	18.80	
		3	3	18.07	18.11	18.16	18.80	
		6	0	17.97	18.04	18.07	18.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	22.26	22.46	22.38	23.30	
		1	7	22.35	22.29	22.28	23.30	
		1	14	22.30	22.42	22.28	23.30	
		8	0	21.83	21.91	21.85	22.80	
		8	4	21.91	21.77	21.85	22.80	
		8	7	21.94	21.87	21.81	22.80	
		15	0	21.77	21.88	21.84	22.80	
	16QAM	1	0	21.78	21.80	21.89	22.80	
		1	7	21.72	21.88	21.69	22.80	
		1	14	21.75	21.87	21.83	22.80	
		8	0	20.90	20.85	20.81	21.80	
		8	4	20.79	20.87	20.82	21.80	
		8	7	20.86	20.85	20.94	21.80	
		15	0	20.78	20.66	20.92	21.80	
	64QAM	1	0	20.76	20.76	20.83	21.80	
		1	7	20.55	20.59	20.68	21.80	
		1	14	20.61	20.63	20.72	21.80	
		8	0	20.05	20.08	19.97	20.80	
		8	4	19.94	19.93	19.83	20.80	
		8	7	20.11	20.10	20.14	20.80	
		15	0	20.08	20.16	20.16	20.80	
	256QAM	1	0	17.97	18.11	18.09	18.80	
		1	7	18.02	18.04	18.22	18.80	
		1	14	18.08	18.04	18.07	18.80	
		8	0	17.96	18.07	18.00	18.80	
		8	4	18.13	18.15	18.06	18.80	
		8	7	17.99	18.15	18.17	18.80	
		15	0	18.02	18.10	18.03	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	22.33	22.40	22.40	23.30	
		1	13	22.36	22.35	22.28	23.30	
		1	24	22.31	22.45	22.26	23.30	

		12	0	21.83	21.84	21.73	22.80	
		12	6	21.81	21.78	21.87	22.80	
		12	13	21.82	21.83	21.80	22.80	
		25	0	21.75	21.95	21.79	22.80	
	16QAM	1	0	21.91	21.75	21.91	22.80	
		1	13	21.62	21.87	21.76	22.80	
		1	24	21.73	21.85	21.86	22.80	
		12	0	20.80	20.95	20.77	21.80	
		12	6	20.84	20.89	20.94	21.80	
		12	13	20.85	20.84	20.93	21.80	
		25	0	20.85	20.73	20.85	21.80	
		1	0	20.78	20.76	20.89	21.80	
	64QAM	1	13	20.54	20.56	20.70	21.80	
		1	24	20.67	20.55	20.80	21.80	
		12	0	20.01	20.01	20.04	20.80	
		12	6	19.97	19.90	19.88	20.80	
		12	13	20.15	20.09	20.16	20.80	
		25	0	20.08	20.14	20.12	20.80	
	256QAM	1	0	18.06	18.03	18.03	18.80	
		1	13	18.08	18.00	18.14	18.80	
		1	24	17.98	18.05	18.12	18.80	
		12	0	18.03	18.03	18.08	18.80	
		12	6	18.11	18.05	18.17	18.80	
		12	13	18.11	18.02	18.20	18.80	
		25	0	17.95	18.07	18.07	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
	10MHz	QPSK	1	0	22.32	22.41	22.41	23.30
			1	25	22.31	22.34	22.33	23.30
1			49	22.30	22.38	22.28	23.30	
25			0	21.81	21.95	21.77	22.80	
25			13	21.83	21.72	21.84	22.80	
25			25	21.86	21.76	21.88	22.80	
50			0	21.81	21.94	21.84	22.80	
16QAM		1	0	21.86	21.77	21.93	22.80	
		1	25	21.72	21.92	21.60	22.80	
		1	49	21.73	21.86	21.89	22.80	
		25	0	20.90	20.92	20.82	21.80	
		25	13	20.93	20.86	20.84	21.80	
		25	25	20.78	20.81	20.98	21.80	
		50	0	20.84	20.73	20.82	21.80	
64QAM		1	0	20.78	20.79	20.93	21.80	
		1	25	20.60	20.54	20.74	21.80	
		1	49	20.68	20.53	20.75	21.80	
		25	0	20.00	20.03	19.98	20.80	
		25	13	19.97	19.94	19.89	20.80	
		25	25	20.13	20.17	20.08	20.80	
		50	0	20.16	20.08	20.22	20.80	
256QAM		1	0	17.94	18.02	18.03	18.80	
		1	25	18.15	18.06	18.22	18.80	
		1	49	18.00	17.95	18.06	18.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	25	0	18.03	18.11	18.08	18.80
		25	13	18.16	18.12	18.18	18.80
		25	25	18.08	18.09	18.17	18.80
		50	0	18.01	18.08	18.00	18.80
		1	0	22.28	22.47	22.34	23.30
		1	38	22.38	22.33	22.30	23.30
		1	74	22.30	22.38	22.28	23.30
	16QAM	36	0	21.73	21.93	21.85	22.80
		36	18	21.86	21.79	21.93	22.80
		36	39	21.96	21.85	21.80	22.80
		75	0	21.82	21.88	21.72	22.80
		1	0	21.95	21.79	21.89	22.80
		1	38	21.69	21.86	21.67	22.80
		1	74	21.77	21.90	21.90	22.80
	64QAM	36	0	20.89	20.91	20.84	21.80
		36	18	20.89	20.86	20.94	21.80
		36	39	20.78	20.74	20.90	21.80
		75	0	20.88	20.69	20.88	21.80
		1	0	20.76	20.80	20.87	21.80
		1	38	20.49	20.64	20.62	21.80
		1	74	20.66	20.59	20.82	21.80
	256QAM	36	0	20.10	20.01	20.00	20.80
		36	18	19.97	19.91	19.85	20.80
		36	39	20.16	20.07	20.17	20.80
		75	0	20.15	20.21	20.22	20.80
		1	0	17.95	18.06	18.15	18.80
		1	38	18.10	18.10	18.19	18.80
		1	74	18.02	18.07	18.14	18.80
20MHz	QPSK	36	0	18.02	18.01	18.07	18.80
		36	18	18.06	18.12	18.05	18.80
		36	39	18.00	18.11	18.08	18.80
		75	0	18.03	18.04	18.07	18.80
		1	0	22.35	22.50	22.39	23.30
		1	50	22.30	22.35	22.26	23.30
		1	99	22.32	22.37	22.30	23.30
	16QAM	50	0	21.75	21.95	21.83	22.80
		50	25	21.92	21.72	21.83	22.80
		50	50	21.87	21.72	21.84	22.80
		100	0	21.82	21.84	21.71	22.80
		1	0	21.89	21.78	21.88	22.80
		1	50	21.66	21.96	21.67	22.80
		1	99	21.82	21.77	21.81	22.80
	64QAM	50	0	20.82	20.86	20.74	21.80
		50	25	20.80	20.88	20.84	21.80
		50	50	20.92	20.80	20.98	21.80
		100	0	20.86	20.74	20.83	21.80
	64QAM	1	0	20.71	20.72	20.87	21.80

		1	50	20.61	20.60	20.69	21.80
		1	99	20.58	20.57	20.79	21.80
		50	0	20.10	20.04	19.93	20.80
		50	25	19.96	19.92	19.88	20.80
		50	50	20.15	20.01	20.12	20.80
		100	0	20.10	20.11	20.26	20.80
	256QAM	1	0	17.93	18.02	18.04	18.80
		1	50	18.12	18.05	18.11	18.80
		1	99	18.04	18.09	18.13	18.80
		50	0	17.98	18.02	18.11	18.80
		50	25	18.16	18.04	18.11	18.80
		50	50	18.02	18.12	18.13	18.80
		100	0	17.94	18.05	18.00	18.80

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	23.47	23.56	23.47	24.20
		1	2	23.45	23.49	23.53	24.20
		1	5	23.38	23.53	23.40	24.20
		3	0	22.58	22.66	22.62	23.20
		3	2	22.65	22.56	22.63	23.20
		3	3	22.70	22.57	22.59	23.20
		6	0	22.55	22.69	22.60	23.20
	16QAM	1	0	22.61	22.60	22.66	23.20
		1	2	22.47	22.68	22.47	23.20
		1	5	22.58	22.64	22.66	23.20
		3	0	21.59	21.67	21.62	22.20
		3	2	21.62	21.68	21.63	22.20
		3	3	21.67	21.57	21.71	22.20
		6	0	21.66	21.49	21.65	22.20
	64QAM	1	0	21.57	21.58	21.63	22.20
		1	2	21.32	21.38	21.51	22.20
		1	5	21.39	21.41	21.57	22.20
		3	0	21.52	21.55	21.63	22.20
		3	2	21.37	21.38	21.44	22.20
		3	3	21.47	21.36	21.52	22.20
		6	0	20.88	20.94	21.00	21.20
	256QAM	1	0	18.45	18.52	18.62	19.20
		1	2	18.53	18.60	18.68	19.20
		1	5	18.51	18.46	18.59	19.20
		3	0	18.50	18.61	18.54	19.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	3	2	18.56	18.56	18.62	19.20	
		3	3	18.56	18.62	18.65	19.20	
		6	0	18.54	18.64	18.50	19.20	
	16QAM	QPSK	1	0	23.40	23.50	23.45	24.20
			1	7	23.49	23.48	23.47	24.20
			1	14	23.46	23.49	23.47	24.20
			8	0	22.59	22.70	22.60	23.20
			8	4	22.68	22.50	22.62	23.20
			8	7	22.72	22.60	22.59	23.20
	64QAM	16QAM	1	0	22.60	22.57	22.73	23.20
			1	7	22.49	22.73	22.51	23.20
			1	14	22.59	22.61	22.64	23.20
			8	0	21.60	21.71	21.62	22.20
			8	4	21.62	21.63	21.62	22.20
			8	7	21.64	21.62	21.73	22.20
	256QAM	64QAM	15	0	21.63	21.54	21.60	22.20
			1	0	21.60	21.57	21.62	22.20
			1	7	21.35	21.35	21.44	22.20
			1	14	21.46	21.39	21.54	22.20
			8	0	20.86	20.83	20.75	21.20
			8	4	20.76	20.72	20.68	21.20
	256QAM	256QAM	8	7	20.99	20.88	20.89	21.20
			15	0	20.92	20.97	21.01	21.20
			1	0	18.56	18.60	18.51	19.20
			1	7	18.64	18.54	18.65	19.20
			1	14	18.51	18.59	18.59	19.20
			8	0	18.57	18.54	18.48	19.20
8			4	18.61	18.62	18.61	19.20	
8	7	18.62	18.55	18.64	19.20			
15	0	18.48	18.64	18.53	19.20			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	23.45	23.49	23.50	24.20	
		1	13	23.49	23.44	23.50	24.20	
		1	24	23.42	23.54	23.44	24.20	
		12	0	22.53	22.62	22.61	23.20	
		12	6	22.70	22.53	22.65	23.20	

		12	13	22.68	22.62	22.63	23.20
		25	0	22.54	22.69	22.58	23.20
	16QAM	1	0	22.60	22.58	22.68	23.20
		1	13	22.48	22.66	22.49	23.20
		1	24	22.57	22.66	22.59	23.20
		12	0	21.67	21.69	21.62	22.20
		12	6	21.61	21.64	21.61	22.20
		12	13	21.64	21.59	21.75	22.20
		25	0	21.60	21.54	21.63	22.20
		64QAM	1	0	21.54	21.58	21.68
	1		13	21.32	21.42	21.47	22.20
	1		24	21.40	21.37	21.57	22.20
	12		0	20.82	20.78	20.81	21.20
	12		6	20.72	20.67	20.72	21.20
	12		13	20.94	20.89	20.95	21.20
	25		0	20.89	20.89	21.00	21.20
	256QAM	1	0	18.48	18.52	18.55	19.20
		1	13	18.58	18.62	18.68	19.20
		1	24	18.49	18.44	18.58	19.20
		12	0	18.55	18.63	18.60	19.20
		12	6	18.61	18.64	18.62	19.20
		12	13	18.63	18.62	18.59	19.20
		25	0	18.54	18.55	18.53	19.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20000					20175	20350	
10MHz	QPSK	1	0	23.44	23.55	23.52	24.20
		1	25	23.50	23.48	23.52	24.20
		1	49	23.42	23.48	23.45	24.20
		25	0	22.58	22.65	22.64	23.20
		25	13	22.65	22.53	22.64	23.20
		25	25	22.67	22.60	22.64	23.20
		50	0	22.56	22.73	22.59	23.20
	16QAM	1	0	22.64	22.58	22.66	23.20
		1	25	22.46	22.70	22.51	23.20
		1	49	22.60	22.68	22.64	23.20
		25	0	21.61	21.71	21.56	22.20
		25	13	21.64	21.65	21.67	22.20
		25	25	21.67	21.62	21.72	22.20
		50	0	21.62	21.51	21.68	22.20
	64QAM	1	0	21.55	21.55	21.61	22.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	256QAM	1	25	21.37	21.40	21.51	22.20	
		1	49	21.43	21.35	21.53	22.20	
		25	0	20.89	20.78	20.76	21.20	
		25	13	20.72	20.71	20.71	21.20	
		25	25	20.97	20.87	20.95	21.20	
		50	0	20.92	20.90	21.00	21.20	
	256QAM	1	0	18.45	18.63	18.65	19.20	
		1	25	18.63	18.53	18.71	19.20	
		1	49	18.57	18.59	18.60	19.20	
		25	0	18.46	18.56	18.47	19.20	
		25	13	18.65	18.55	18.61	19.20	
		25	25	18.59	18.56	18.67	19.20	
	15MHz	QPSK	1	0	23.44	23.51	23.51	24.20
			1	38	23.45	23.50	23.49	24.20
1			74	23.45	23.54	23.39	24.20	
36			0	22.56	22.70	22.64	23.20	
36			18	22.63	22.51	22.66	23.20	
36			39	22.72	22.63	22.58	23.20	
75			0	22.59	22.68	22.59	23.20	
16QAM		1	0	22.63	22.55	22.65	23.20	
		1	38	22.50	22.67	22.51	23.20	
		1	74	22.57	22.66	22.59	23.20	
		36	0	21.66	21.71	21.61	22.20	
		36	18	21.62	21.62	21.69	22.20	
		36	39	21.63	21.61	21.76	22.20	
64QAM		1	0	21.51	21.55	21.66	22.20	
		1	38	21.38	21.35	21.44	22.20	
		1	74	21.47	21.37	21.55	22.20	
		36	0	20.84	20.77	20.74	21.20	
		36	18	20.74	20.67	20.66	21.20	
		36	39	20.91	20.87	20.87	21.20	
		75	0	20.92	20.95	20.96	21.20	
256QAM		1	0	18.44	18.61	18.54	19.20	
		1	38	18.58	18.59	18.70	19.20	
		1	74	18.51	18.47	18.68	19.20	
		36	0	18.55	18.60	18.56	19.20	





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	36	18	18.56	18.66	18.59	19.20
		36	39	18.63	18.55	18.66	19.20
		75	0	18.50	18.55	18.51	19.20
	16QAM	1	0	23.42	23.58	23.47	24.20
		1	50	23.49	23.47	23.49	24.20
		1	99	23.42	23.53	23.43	24.20
		50	0	22.56	22.73	22.64	23.20
		50	25	22.69	22.49	22.60	23.20
		50	50	22.69	22.64	22.60	23.20
		100	0	22.57	22.68	22.61	23.20
	64QAM	1	0	22.62	22.60	22.65	23.20
		1	50	22.47	22.65	22.44	23.20
		1	99	22.51	22.67	22.62	23.20
		50	0	21.61	21.72	21.60	22.20
		50	25	21.59	21.67	21.68	22.20
		50	50	21.65	21.60	21.70	22.20
		100	0	21.67	21.48	21.61	22.20
	256QAM	1	0	21.54	21.52	21.64	22.20
		1	50	21.32	21.38	21.51	22.20
		1	99	21.43	21.35	21.60	22.20
		50	0	20.82	20.86	20.76	21.20
		50	25	20.74	20.73	20.66	21.20
		50	50	20.92	20.87	20.88	21.20
		100	0	20.92	20.91	20.99	21.20
	256QAM	1	0	18.57	18.53	18.60	19.20
		1	50	18.53	18.58	18.72	19.20
		1	99	18.50	18.54	18.60	19.20
		50	0	18.53	18.61	18.57	19.20
		50	25	18.53	18.54	18.65	19.20
		50	50	18.62	18.51	18.67	19.20
100		0	18.47	18.59	18.60	19.20	

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	21.04	21.17	21.02	21.70
		1	2	21.17	21.05	21.10	21.70
		1	5	21.02	21.09	21.01	21.70

		3	0	21.09	21.17	21.10	21.70	
		3	2	21.13	21.09	21.04	21.70	
		3	3	21.03	21.13	21.02	21.70	
		6	0	21.08	21.17	21.11	21.70	
	16QAM	1	0	21.10	21.08	21.02	21.70	
		1	2	21.01	21.15	20.99	21.70	
		1	5	21.10	21.13	21.04	21.70	
		3	0	21.13	21.07	21.10	21.70	
		3	2	21.04	21.12	21.06	21.70	
		3	3	21.05	21.15	21.02	21.70	
		6	0	21.11	21.09	21.05	21.70	
		64QAM	1	0	21.04	21.09	21.04	21.70
	1		2	21.07	21.18	21.03	21.70	
	1		5	21.14	21.08	21.03	21.70	
	3		0	20.99	21.13	21.00	21.70	
	3		2	20.99	21.12	21.01	21.70	
	3		3	21.02	21.19	21.06	21.70	
	6		0	20.88	20.94	21.00	21.20	
	256QAM	1	0	18.00	18.11	18.06	18.80	
		1	2	18.05	18.01	18.17	18.80	
		1	5	17.99	18.05	18.15	18.80	
		3	0	18.07	18.03	18.07	18.80	
		3	2	18.02	18.06	18.04	18.80	
		3	3	18.07	18.11	18.16	18.80	
		6	0	17.97	18.04	18.07	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19965	20175	20385	
	3MHz	QPSK	1	0	21.05	21.22	21.05	21.70
1			7	21.11	21.11	21.09	21.70	
1			14	21.03	21.10	21.02	21.70	
8			0	21.08	21.19	21.06	21.70	
8			4	21.15	21.10	21.07	21.70	
8			7	20.99	21.12	20.99	21.70	
15			0	21.02	21.22	21.07	21.70	
16QAM		1	0	21.10	21.07	21.02	21.70	
		1	7	21.07	21.07	21.03	21.70	
		1	14	21.09	21.13	21.08	21.70	
		8	0	21.16	21.03	21.11	21.70	
		8	4	21.02	21.08	21.03	21.70	
		8	7	21.07	21.19	21.03	21.70	
		15	0	21.10	21.12	21.10	21.70	
64QAM		1	0	21.01	21.16	21.02	21.70	
		1	7	21.02	21.10	20.98	21.70	
		1	14	21.03	21.21	21.08	21.70	
		8	0	20.86	20.83	20.75	21.20	
		8	4	20.76	20.72	20.68	21.20	
		8	7	20.99	20.88	20.89	21.20	
		15	0	20.92	20.97	21.01	21.20	
256QAM		1	0	17.97	18.11	18.09	18.80	
		1	7	18.02	18.04	18.22	18.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	14	18.08	18.04	18.07	18.80	
		8	0	17.96	18.07	18.00	18.80	
		8	4	18.13	18.15	18.06	18.80	
		8	7	17.99	18.15	18.17	18.80	
		15	0	18.02	18.10	18.03	18.80	
		16QAM	1	0	21.06	21.17	21.02	21.70
			1	13	21.15	21.05	21.08	21.70
	1		24	21.00	21.11	21.05	21.70	
	12		0	21.04	21.19	21.09	21.70	
	12		6	21.16	21.08	21.11	21.70	
	12		13	21.04	21.08	21.05	21.70	
	25		0	21.05	21.21	21.06	21.70	
	64QAM	1	0	21.12	21.09	21.06	21.70	
		1	13	21.02	21.15	20.98	21.70	
		1	24	21.06	21.13	21.07	21.70	
		12	0	21.17	21.11	21.03	21.70	
		12	6	21.05	21.12	21.00	21.70	
		12	13	21.08	21.21	21.09	21.70	
		25	0	21.09	21.05	21.09	21.70	
	256QAM	1	0	21.01	21.07	20.98	21.70	
1		13	21.06	21.10	21.03	21.70		
1		24	21.07	21.16	21.09	21.70		
12		0	20.82	20.78	20.81	21.20		
12		6	20.72	20.67	20.72	21.20		
12		13	20.94	20.89	20.95	21.20		
25		0	20.89	20.89	21.00	21.20		
10MHz	QPSK	1	0	18.06	18.03	18.03	18.80	
		1	13	18.08	18.00	18.14	18.80	
		1	24	17.98	18.05	18.12	18.80	
		12	0	18.03	18.03	18.08	18.80	
		12	6	18.11	18.05	18.17	18.80	
		12	13	18.11	18.02	18.20	18.80	
		25	0	17.95	18.07	18.07	18.80	
	16QAM	1	0	21.08	21.21	21.07	21.70	
		1	25	21.14	21.07	21.08	21.70	
		1	49	21.07	21.13	20.99	21.70	
		25	0	21.07	21.15	21.09	21.70	
		25	13	21.12	21.04	21.07	21.70	
		25	25	21.02	21.16	20.98	21.70	
		50	0	21.07	21.17	21.05	21.70	
		1	0	21.12	21.07	21.04	21.70	
		1	25	21.06	21.08	21.01	21.70	
		1	49	21.09	21.13	21.07	21.70	
		25	0	21.11	21.04	21.11	21.70	
		25	13	21.06	21.08	21.02	21.70	
		25	25	21.08	21.17	21.08	21.70	

	64QAM	50	0	21.17	21.10	21.08	21.70
		1	0	20.98	21.08	21.01	21.70
		1	25	21.06	21.11	21.05	21.70
		1	49	21.09	21.16	21.03	21.70
		25	0	20.89	20.78	20.76	21.20
		25	13	20.72	20.71	20.71	21.20
		25	25	20.97	20.87	20.95	21.20
	256QAM	50	0	20.92	20.90	21.00	21.20
		1	0	17.94	18.02	18.03	18.80
		1	25	18.15	18.06	18.22	18.80
		1	49	18.00	17.95	18.06	18.80
		25	0	18.03	18.11	18.08	18.80
		25	13	18.16	18.12	18.18	18.80
		25	25	18.08	18.09	18.17	18.80
50	0	18.01	18.08	18.00	18.80		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20025	<b>Channel</b> 20175	<b>Channel</b> 20325	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	21.09	21.19	21.07	21.70
		1	38	21.12	21.10	21.10	21.70
		1	74	21.02	21.14	21.05	21.70
		36	0	21.09	21.19	21.03	21.70
		36	18	21.17	21.05	21.10	21.70
		36	39	21.02	21.16	20.99	21.70
		75	0	21.08	21.20	21.05	21.70
	16QAM	1	0	21.16	21.05	21.04	21.70
		1	38	21.02	21.14	21.01	21.70
		1	74	21.05	21.15	21.04	21.70
		36	0	21.12	21.06	21.10	21.70
		36	18	21.00	21.13	21.01	21.70
		36	39	21.08	21.21	21.10	21.70
		75	0	21.13	21.06	21.06	21.70
	64QAM	1	0	21.06	21.16	20.99	21.70
		1	38	21.07	21.10	21.06	21.70
		1	74	21.03	21.16	21.08	21.70
		36	0	20.84	20.77	20.74	21.20
		36	18	20.74	20.67	20.66	21.20
		36	39	20.91	20.87	20.87	21.20
		75	0	20.92	20.95	20.96	21.20
	256QAM	1	0	17.95	18.06	18.15	18.80
		1	38	18.10	18.10	18.19	18.80
		1	74	18.02	18.07	18.14	18.80
		36	0	18.02	18.01	18.07	18.80
		36	18	18.06	18.12	18.05	18.80
		36	39	18.00	18.11	18.08	18.80
		75	0	18.03	18.04	18.07	18.80
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 20050	<b>Channel</b> 20175	<b>Channel</b> 20300	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	21.02	21.24	21.09	21.70
		1	50	21.09	21.07	21.06	21.70
		1	99	21.01	21.16	21.00	21.70
		50	0	21.10	21.19	21.07	21.70

		50	25	21.09	21.05	21.04	21.70	
		50	50	21.02	21.13	21.01	21.70	
		100	0	21.01	21.20	21.04	21.70	
	16QAM		1	0	21.12	21.09	21.09	21.70
			1	50	20.98	21.09	21.00	21.70
			1	99	21.03	21.21	21.04	21.70
			50	0	21.18	21.07	21.06	21.70
			50	25	21.02	21.09	21.01	21.70
			50	50	21.01	21.15	21.08	21.70
			100	0	21.17	21.10	21.09	21.70
			64QAM		1	0	21.04	21.14
	1	50			20.99	21.10	21.06	21.70
	1	99			21.06	21.16	21.08	21.70
	50	0			20.82	20.86	20.76	21.20
	50	25			20.74	20.73	20.66	21.20
	50	50			20.92	20.87	20.88	21.20
	256QAM		100	0	20.92	20.91	20.99	21.20
			1	0	17.93	18.02	18.04	18.80
			1	50	18.12	18.05	18.11	18.80
			1	99	18.04	18.09	18.13	18.80
			50	0	17.98	18.02	18.11	18.80
			50	25	18.16	18.04	18.11	18.80
			50	50	18.02	18.12	18.13	18.80
	100	0	17.94	18.05	18.00	18.80		

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	24.65	24.76	24.72	25.50	
		1	2	24.69	24.69	24.68	25.50	
		1	5	24.66	24.76	24.61	25.50	
		3	0	23.72	23.89	23.76	24.50	
		3	2	23.87	23.76	23.83	24.50	
		3	3	23.86	23.84	23.82	24.50	
		6	0	23.78	23.85	23.82	24.50	
	16QAM		1	0	23.86	23.76	23.86	24.50
			1	2	23.69	23.86	23.65	24.50
			1	5	23.77	23.86	23.79	24.50
			3	0	22.83	22.87	22.83	23.50
			3	2	22.87	22.85	22.87	23.50
			3	3	22.82	22.85	22.90	23.50

	64QAM	6	0	22.85	22.74	22.86	23.50
		1	0	22.73	22.78	22.83	23.50
		1	2	22.52	22.55	22.67	23.50
		1	5	22.62	22.60	22.77	23.50
		3	0	22.76	22.78	22.84	23.50
		3	2	22.50	22.60	22.68	23.50
		3	3	22.62	22.55	22.81	23.50
		6	0	22.13	22.09	22.15	22.50
	256QAM	1	0	19.61	19.75	19.72	20.50
		1	2	19.65	19.68	19.73	20.50
		1	5	19.62	19.56	19.66	20.50
		3	0	19.66	19.66	19.59	20.50
		3	2	19.67	19.64	19.76	20.50
		3	3	19.62	19.65	19.69	20.50
6	0	19.55	19.75	19.74	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	24.65	24.77	24.72	25.50
		1	7	24.67	24.69	24.69	25.50
		1	14	24.65	24.74	24.61	25.50
		8	0	23.78	23.87	23.83	24.50
		8	4	23.89	23.76	23.87	24.50
		8	7	23.92	23.81	23.79	24.50
		15	0	23.76	23.88	23.78	24.50
	16QAM	1	0	23.83	23.81	23.93	24.50
		1	7	23.70	23.90	23.71	24.50
		1	14	23.73	23.85	23.86	24.50
		8	0	22.87	22.94	22.78	23.50
		8	4	22.81	22.81	22.90	23.50
		8	7	22.82	22.84	22.96	23.50
		15	0	22.83	22.73	22.86	23.50
	64QAM	1	0	22.79	22.74	22.86	23.50
		1	7	22.49	22.59	22.63	23.50
		1	14	22.65	22.60	22.77	23.50
		8	0	22.08	22.05	22.01	22.50
		8	4	21.92	21.95	21.92	22.50
		8	7	22.17	22.09	22.13	22.50
		15	0	22.07	22.12	22.16	22.50
	256QAM	1	0	19.65	19.66	19.72	20.50
		1	7	19.74	19.71	19.83	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	14	19.63	19.55	19.70	20.50	
		8	0	19.54	19.64	19.70	20.50	
		8	4	19.65	19.63	19.68	20.50	
		8	7	19.68	19.63	19.66	20.50	
		15	0	19.54	19.72	19.64	20.50	
	16QAM	16QAM	1	0	24.62	24.68	24.67	25.50
			1	13	24.68	24.69	24.70	25.50
			1	24	24.61	24.77	24.60	25.50
			12	0	23.80	23.88	23.78	24.50
			12	6	23.87	23.71	23.81	24.50
			12	13	23.86	23.84	23.83	24.50
			25	0	23.80	23.87	23.81	24.50
	64QAM	64QAM	1	0	23.86	23.76	23.92	24.50
			1	13	23.68	23.92	23.67	24.50
			1	24	23.77	23.87	23.79	24.50
			12	0	22.84	22.90	22.75	23.50
			12	6	22.81	22.80	22.85	23.50
			12	13	22.82	22.80	22.95	23.50
			25	0	22.79	22.77	22.87	23.50
	256QAM	256QAM	1	0	22.72	22.78	22.88	23.50
1			13	22.58	22.59	22.69	23.50	
1			24	22.66	22.56	22.78	23.50	
12			0	22.01	22.02	21.96	22.50	
12			6	21.99	21.92	21.89	22.50	
12			13	22.13	22.09	22.08	22.50	
25			0	22.09	22.17	22.18	22.50	
10MHz	QPSK	1	0	19.56	19.68	19.73	20.50	
		1	13	19.65	19.71	19.71	20.50	
1		24	19.70	19.59	19.70	20.50		
10MHz	QPSK	12	0	19.64	19.66	19.65	20.50	
		12	6	19.64	19.74	19.78	20.50	
10MHz	QPSK	12	13	19.60	19.74	19.68	20.50	
		25	0	19.56	19.63	19.64	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	QPSK	1	0	24.66	24.78	24.70	25.50	
		1	25	24.65	24.66	24.68	25.50	
		1	49	24.67	24.73	24.65	25.50	

		25	0	23.79	23.86	23.77	24.50
		25	13	23.85	23.73	23.85	24.50
		25	25	23.85	23.77	23.76	24.50
		50	0	23.74	23.89	23.78	24.50
	16QAM	1	0	23.85	23.75	23.93	24.50
		1	25	23.65	23.85	23.73	24.50
		1	49	23.75	23.82	23.87	24.50
		25	0	22.83	22.87	22.75	23.50
		25	13	22.79	22.81	22.83	23.50
		25	25	22.80	22.77	22.90	23.50
		50	0	22.80	22.75	22.86	23.50
	64QAM	1	0	22.73	22.78	22.88	23.50
		1	25	22.57	22.57	22.66	23.50
		1	49	22.64	22.61	22.81	23.50
		25	0	22.07	22.00	22.02	22.50
		25	13	21.95	21.93	21.87	22.50
		25	25	22.15	22.08	22.09	22.50
		50	0	22.10	22.10	22.12	22.50
	256QAM	1	0	19.58	19.65	19.75	20.50
		1	25	19.71	19.74	19.78	20.50
		1	49	19.58	19.65	19.77	20.50
		25	0	19.53	19.71	19.59	20.50
		25	13	19.74	19.77	19.67	20.50
		25	25	19.63	19.68	19.76	20.50
		50	0	19.61	19.69	19.59	20.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.82	23.81	23.82	25.00
		1	13	23.93	23.78	23.82	25.00
		1	24	23.87	23.82	23.74	25.00
		12	0	22.82	22.94	22.86	24.00
		12	6	22.93	22.88	22.97	24.00
		12	13	22.96	22.89	22.89	24.00
		25	0	22.86	22.99	22.88	24.00
	16QAM	1	0	22.94	22.81	22.97	24.00
		1	13	22.80	22.96	22.76	24.00
		1	24	22.86	22.99	22.90	24.00



		12	0	21.95	22.00	21.87	23.00
		12	6	21.88	21.94	21.94	23.00
		12	13	21.95	21.94	21.98	23.00
		25	0	21.93	21.86	21.94	23.00
	64QAM	1	0	21.87	21.83	21.93	23.00
		1	13	21.67	21.65	21.74	23.00
		1	24	21.77	21.67	21.90	23.00
		12	0	21.19	21.09	21.11	22.00
		12	6	21.01	21.06	20.96	22.00
		12	13	21.22	21.19	21.20	22.00
		25	0	21.26	21.24	21.22	22.00
	256QAM	1	0	19.11	19.22	19.23	20.00
		1	13	19.11	19.23	19.18	20.00
		1	24	19.19	19.10	19.22	20.00
		12	0	19.11	19.20	19.14	20.00
		12	6	19.22	19.10	19.25	20.00
12		13	19.19	19.16	19.24	20.00	
25		0	19.13	19.30	19.31	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.86	23.80	23.82	25.00
		1	25	23.95	23.80	23.76	25.00
		1	49	23.92	23.78	23.74	25.00
		25	0	22.83	22.90	22.87	24.00
		25	13	23.00	22.82	22.96	24.00
		25	25	22.96	22.86	22.89	24.00
		50	0	22.89	23.00	22.92	24.00
	16QAM	1	0	22.92	22.83	23.00	24.00
		1	25	22.77	23.00	22.75	24.00
		1	49	22.87	22.93	22.93	24.00
		25	0	21.95	21.99	21.88	23.00
		25	13	21.91	21.92	21.93	23.00
		25	25	21.97	21.92	22.01	23.00
		50	0	21.89	21.86	21.89	23.00
	64QAM	1	0	21.84	21.81	21.92	23.00
		1	25	21.67	21.65	21.75	23.00
		1	49	21.71	21.68	21.89	23.00
		25	0	21.15	21.09	21.06	22.00
		25	13	20.99	21.03	20.99	22.00
		25	25	21.25	21.22	21.17	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
	256QAM	50	0	21.24	21.22	21.25	22.00
		1	0	19.13	19.22	19.20	20.00
		1	25	19.16	19.22	19.24	20.00
		1	49	19.22	19.02	19.19	20.00
		25	0	19.19	19.21	19.16	20.00
		25	13	19.17	19.22	19.26	20.00
		25	25	19.16	19.14	19.27	20.00
		50	0	19.01	19.26	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	23.84	23.81	23.79	25.00
		1	38	23.90	23.77	23.79	25.00
		1	74	23.89	23.78	23.74	25.00
		36	0	22.86	22.94	22.87	24.00
		36	18	22.96	22.84	22.93	24.00
		36	39	22.93	22.89	22.94	24.00
		75	0	22.90	22.96	22.89	24.00
	16QAM	1	0	22.94	22.82	22.99	24.00
		1	38	22.82	23.02	22.73	24.00
		1	74	22.84	22.97	22.86	24.00
		36	0	21.95	22.02	21.85	23.00
		36	18	21.90	21.90	21.95	23.00
		36	39	21.95	21.88	22.00	23.00
		75	0	21.90	21.83	21.88	23.00
	64QAM	1	0	21.83	21.82	21.99	23.00
		1	38	21.69	21.63	21.79	23.00
		1	74	21.76	21.69	21.90	23.00
		36	0	21.13	21.12	21.07	22.00
		36	18	21.00	21.06	20.99	22.00
		36	39	21.23	21.22	21.21	22.00
		75	0	21.27	21.24	21.20	22.00
	256QAM	1	0	19.21	19.32	19.29	20.00
		1	38	19.16	19.21	19.21	20.00
		1	74	19.20	19.05	19.15	20.00
		36	0	19.13	19.14	19.19	20.00
		36	18	19.15	19.12	19.28	20.00
		36	39	19.10	19.24	19.25	20.00
		75	0	19.12	19.23	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

20MHz	QPSK	1	0	23.87	23.98	23.77	25.00
		1	50	23.91	23.80	23.81	25.00
		1	99	23.87	23.82	23.71	25.00
		50	0	22.83	22.99	22.91	24.00
		50	25	22.95	22.83	22.98	24.00
		50	50	22.95	22.91	22.89	24.00
		100	0	22.89	23.01	22.91	24.00
	16QAM	1	0	22.93	22.83	23.01	24.00
		1	50	22.76	23.00	22.73	24.00
		1	99	22.87	22.97	22.91	24.00
		50	0	21.91	22.04	21.87	23.00
		50	25	21.90	21.88	21.91	23.00
		50	50	21.96	21.93	22.01	23.00
		100	0	21.90	21.80	21.92	23.00
	64QAM	1	0	21.86	21.85	21.94	23.00
		1	50	21.66	21.61	21.74	23.00
		1	99	21.78	21.71	21.92	23.00
		50	0	21.18	21.11	21.06	22.00
		50	25	21.03	21.02	20.96	22.00
		50	50	21.26	21.21	21.22	22.00
		100	0	21.23	21.20	21.26	22.00
	256QAM	1	0	19.15	19.35	19.29	20.00
		1	50	19.20	19.13	19.28	20.00
		1	99	19.12	19.04	19.24	20.00
		50	0	19.20	19.13	19.19	20.00
		50	25	19.20	19.21	19.36	20.00
		50	50	19.21	19.23	19.26	20.00
		100	0	19.07	19.28	19.20	20.00

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.96	22.12	22.01	23.00
		1	13	21.96	21.95	22.09	23.00
		1	24	22.06	22.01	21.81	23.00
		12	0	21.92	22.15	22.03	23.00
		12	6	21.95	22.12	21.91	23.00
		12	13	21.99	22.04	21.74	23.00
	16QAM	25	0	21.96	22.12	21.93	23.00
		1	0	22.04	22.14	21.95	23.00
		1	13	22.03	22.15	21.83	23.00
		1	24	22.07	22.23	21.83	23.00
		12	0	21.95	22.00	21.87	23.00

		12	6	21.88	21.94	21.94	23.00	
		12	13	21.95	21.94	21.98	23.00	
		25	0	21.93	21.86	21.94	23.00	
	64QAM		1	0	21.87	21.83	21.93	23.00
			1	13	21.67	21.65	21.74	23.00
			1	24	21.77	21.67	21.90	23.00
			12	0	21.19	21.09	21.11	22.00
			12	6	21.01	21.06	20.96	22.00
			12	13	21.22	21.19	21.20	22.00
			25	0	21.26	21.24	21.22	22.00
	256QAM		1	0	19.11	19.22	19.23	20.00
			1	13	19.11	19.23	19.18	20.00
			1	24	19.19	19.10	19.22	20.00
			12	0	19.11	19.20	19.14	20.00
			12	6	19.22	19.10	19.25	20.00
12			13	19.19	19.16	19.24	20.00	
25			0	19.13	19.30	19.31	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	21.97	22.20	22.09	23.00	
		1	25	22.04	22.13	21.95	23.00	
		1	49	22.03	21.95	21.83	23.00	
		25	0	22.02	22.07	22.06	23.00	
		25	13	22.06	22.11	22.05	23.00	
		25	25	22.04	21.94	21.96	23.00	
		50	0	22.07	22.20	21.98	23.00	
	16QAM		1	0	22.04	21.99	21.88	23.00
			1	25	22.08	22.17	21.85	23.00
			1	49	22.08	22.13	22.00	23.00
			25	0	21.95	21.99	21.88	23.00
			25	13	21.91	21.92	21.93	23.00
			25	25	21.97	21.92	22.01	23.00
			50	0	21.89	21.86	21.89	23.00
	64QAM		1	0	21.84	21.81	21.92	23.00
			1	25	21.67	21.65	21.75	23.00
			1	49	21.71	21.68	21.89	23.00
			25	0	21.15	21.09	21.06	22.00
			25	13	20.99	21.03	20.99	22.00
			25	25	21.25	21.22	21.17	22.00
			50	0	21.24	21.22	21.25	22.00
	256QAM		1	0	19.13	19.22	19.20	20.00
			1	25	19.16	19.22	19.24	20.00
			1	49	19.22	19.02	19.19	20.00
			25	0	19.19	19.21	19.16	20.00
			25	13	19.17	19.22	19.26	20.00
			25	25	19.16	19.14	19.27	20.00
			50	0	19.01	19.26	19.22	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	1	0	22.01	22.24	22.05	23.00
1			38	21.94	22.05	21.93	23.00	
1			74	22.05	22.13	21.82	23.00	
36			0	21.96	22.28	21.87	23.00	
36			18	22.00	22.00	22.01	23.00	
36			39	21.99	22.02	21.89	23.00	
75			0	22.05	22.03	21.84	23.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	16QAM	1	0	21.97	21.98	21.88	23.00	
		1	38	22.10	21.94	21.88	23.00	
		1	74	22.09	22.13	22.00	23.00	
		36	0	21.95	22.02	21.85	23.00	
		36	18	21.90	21.90	21.95	23.00	
		36	39	21.95	21.88	22.00	23.00	
	64QAM	75	0	21.90	21.83	21.88	23.00	
		1	0	21.83	21.82	21.99	23.00	
		1	38	21.69	21.63	21.79	23.00	
		1	74	21.76	21.69	21.90	23.00	
		36	0	21.13	21.12	21.07	22.00	
		36	18	21.00	21.06	20.99	22.00	
	256QAM	36	39	21.23	21.22	21.21	22.00	
		75	0	21.27	21.24	21.20	22.00	
		1	0	19.21	19.32	19.29	20.00	
		1	38	19.16	19.21	19.21	20.00	
		1	74	19.20	19.05	19.15	20.00	
		36	0	19.13	19.14	19.19	20.00	
	20MHz	QPSK	36	18	19.15	19.12	19.28	20.00
			36	39	19.10	19.24	19.25	20.00
			75	0	19.12	19.23	19.34	20.00
			1	0	21.91	22.30	22.06	23.00
			1	50	21.97	22.15	21.91	23.00
			1	99	22.01	22.01	21.92	23.00
		16QAM	50	0	22.02	22.15	21.94	23.00
			50	25	21.93	22.04	22.06	23.00
			50	50	22.09	21.97	21.96	23.00
			100	0	22.01	22.09	21.83	23.00
			1	0	22.06	21.94	21.93	23.00
			1	50	22.09	21.99	21.89	23.00
		64QAM	1	99	22.14	22.24	21.83	23.00
			50	0	21.91	22.04	21.87	23.00
			50	25	21.90	21.88	21.91	23.00
			50	50	21.96	21.93	22.01	23.00
			100	0	21.90	21.80	21.92	23.00
			1	0	21.86	21.85	21.94	23.00
		256QAM	1	50	21.66	21.61	21.74	23.00
			1	99	21.78	21.71	21.92	23.00
			50	0	21.18	21.11	21.06	22.00
			50	25	21.03	21.02	20.96	22.00
			50	50	21.26	21.21	21.22	22.00
			100	0	21.23	21.20	21.26	22.00
256QAM	1	0	19.15	19.35	19.29	20.00		
	1	50	19.20	19.13	19.28	20.00		
	1	99	19.12	19.04	19.24	20.00		
	50	0	19.20	19.13	19.19	20.00		
	50	25	19.20	19.21	19.36	20.00		
	50	50	19.21	19.23	19.26	20.00		
		100	0	19.07	19.28	19.20	20.00	

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	20.93	21.12	20.85	22.00
		1	13	20.94	20.91	20.89	22.00
		1	24	20.98	20.94	20.83	22.00
		12	0	20.95	21.09	20.92	22.00
		12	6	21.01	20.99	20.89	22.00
		12	13	20.95	20.97	20.78	22.00
		25	0	20.98	21.07	20.90	22.00
	16QAM	1	0	21.01	20.90	20.94	22.00
		1	13	21.01	20.94	20.76	22.00
		1	24	20.95	21.07	20.90	22.00
		12	0	20.95	20.93	20.88	22.00
		12	6	20.97	20.96	20.77	22.00
		12	13	20.91	21.06	20.93	22.00
		25	0	21.00	20.99	20.91	22.00
	64QAM	1	0	21.01	20.95	20.83	22.00
		1	13	20.96	21.08	20.85	22.00
		1	24	20.95	20.91	20.95	22.00
		12	0	20.99	21.00	20.77	22.00
		12	6	20.92	21.13	20.87	22.00
		12	13	20.94	20.96	20.92	22.00
		25	0	20.95	20.99	20.84	22.00
	256QAM	1	0	19.11	19.22	19.23	20.00
		1	13	19.11	19.23	19.18	20.00
		1	24	19.19	19.10	19.22	20.00
		12	0	19.11	19.20	19.14	20.00
		12	6	19.22	19.10	19.25	20.00
		12	13	19.19	19.16	19.24	20.00
		25	0	19.13	19.30	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.98	21.10	20.85	22.00
		1	25	20.93	20.93	20.92	22.00
		1	49	20.97	20.99	20.76	22.00
		25	0	20.93	21.09	20.86	22.00
		25	13	20.95	20.97	20.88	22.00
		25	25	21.00	20.99	20.77	22.00
		50	0	20.98	21.12	20.93	22.00
	16QAM	1	0	20.93	20.96	20.91	22.00
		1	25	20.97	20.99	20.82	22.00
		1	49	20.92	21.07	20.90	22.00
		25	0	20.93	20.91	20.88	22.00
		25	13	20.96	20.96	20.84	22.00
		25	25	20.94	21.12	20.87	22.00
		50	0	20.96	20.98	20.94	22.00
	64QAM	1	0	20.97	20.93	20.78	22.00
		1	25	20.94	21.08	20.93	22.00

		1	49	20.96	20.97	20.90	22.00
		25	0	21.01	20.97	20.79	22.00
		25	13	20.92	21.09	20.85	22.00
		25	25	20.98	20.92	20.93	22.00
		50	0	21.00	20.95	20.84	22.00
	256QAM	1	0	19.13	19.22	19.20	20.00
		1	25	19.16	19.22	19.24	20.00
		1	49	19.22	19.02	19.19	20.00
		25	0	19.19	19.21	19.16	20.00
		25	13	19.17	19.22	19.26	20.00
		25	25	19.16	19.14	19.27	20.00
		50	0	19.01	19.26	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.92	21.10	20.90	22.00
		1	38	20.94	20.98	20.96	22.00
		1	74	20.96	20.94	20.84	22.00
		36	0	20.95	21.10	20.87	22.00
		36	18	20.96	20.97	20.93	22.00
		36	39	20.97	20.97	20.78	22.00
		75	0	20.95	21.06	20.86	22.00
	16QAM	1	0	20.93	20.99	20.89	22.00
		1	38	20.98	20.99	20.85	22.00
		1	74	20.97	21.10	20.86	22.00
		36	0	20.94	20.98	20.96	22.00
		36	18	20.94	20.95	20.76	22.00
		36	39	20.94	21.13	20.86	22.00
		75	0	21.00	20.97	20.97	22.00
	64QAM	1	0	20.94	21.00	20.78	22.00
		1	38	20.95	21.14	20.94	22.00
		1	74	21.02	20.96	20.88	22.00
		36	0	21.01	20.93	20.82	22.00
		36	18	20.98	21.12	20.87	22.00
		36	39	21.02	20.91	20.96	22.00
		75	0	20.97	20.96	20.81	22.00
	256QAM	1	0	19.21	19.32	19.29	20.00
		1	38	19.16	19.21	19.21	20.00
		1	74	19.20	19.05	19.15	20.00
		36	0	19.13	19.14	19.19	20.00
		36	18	19.15	19.12	19.28	20.00
		36	39	19.10	19.24	19.25	20.00
		75	0	19.12	19.23	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.92	21.16	20.88	22.00
		1	50	20.94	20.93	20.95	22.00
		1	99	20.93	20.96	20.76	22.00
		50	0	20.96	21.11	20.90	22.00
		50	25	21.00	20.94	20.88	22.00
		50	50	20.97	20.96	20.81	22.00
		100	0	20.96	21.08	20.87	22.00

	16QAM	1	0	20.95	20.94	20.89	22.00
		1	50	20.96	20.95	20.76	22.00
		1	99	20.92	21.07	20.86	22.00
		50	0	20.99	20.99	20.90	22.00
		50	25	21.01	21.00	20.80	22.00
		50	50	20.97	21.07	20.88	22.00
		100	0	20.98	20.98	20.94	22.00
	64QAM	1	0	20.97	20.92	20.80	22.00
		1	50	20.91	21.10	20.90	22.00
		1	99	20.97	20.92	20.96	22.00
		50	0	20.98	20.98	20.81	22.00
		50	25	21.00	21.14	20.91	22.00
		50	50	21.02	20.90	20.92	22.00
		100	0	20.93	20.93	20.80	22.00
	256QAM	1	0	19.15	19.35	19.29	20.00
		1	50	19.20	19.13	19.28	20.00
		1	99	19.12	19.04	19.24	20.00
		50	0	19.20	19.13	19.19	20.00
		50	25	19.20	19.21	19.36	20.00
		50	50	19.21	19.23	19.26	20.00
		100	0	19.07	19.28	19.20	20.00

LTE Band 66				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.50	23.59	23.62	24.20
		1	2	23.57	23.58	23.57	24.20
		1	5	23.51	23.65	23.56	24.20
		3	0	22.64	22.75	22.71	23.20
		3	2	22.74	22.66	22.70	23.20
		3	3	22.81	22.73	22.66	23.20
		6	0	22.62	22.83	22.70	23.20
	16QAM	1	0	22.73	22.65	22.80	23.20
		1	2	22.60	22.77	22.55	23.20
		1	5	22.64	22.76	22.73	23.20
		3	0	21.76	21.80	21.71	22.20
		3	2	21.76	21.74	21.72	22.20
		3	3	21.69	21.74	21.88	22.20
		6	0	21.70	21.62	21.78	22.20
	64QAM	1	0	21.65	21.65	21.79	22.20
		1	2	21.44	21.47	21.59	22.20
		1	5	21.55	21.45	21.63	22.20
		3	0	21.63	21.63	21.79	22.20
		3	2	21.48	21.46	21.55	22.20



		3	3	21.49	21.46	21.63	22.20
		6	0	21.04	21.03	21.10	21.20
	256QAM	1	0	18.66	18.50	18.68	19.20
		1	2	18.56	18.53	18.75	19.20
		1	5	18.49	18.58	18.60	19.20
		3	0	18.50	18.70	18.59	19.20
		3	2	18.58	18.58	18.73	19.20
		3	3	18.62	18.52	18.63	19.20
		6	0	18.47	18.68	18.60	19.20
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 131987	<b>Channel</b> 132322	<b>Channel</b> 132657	<b>Tune up</b>
<b>3MHz</b>	QPSK	1	0	23.49	23.60	23.59	24.20
		1	7	23.62	23.58	23.62	24.20
		1	14	23.52	23.66	23.57	24.20
		8	0	22.67	22.73	22.73	23.20
		8	4	22.79	22.61	22.72	23.20
		8	7	22.78	22.68	22.70	23.20
		15	0	22.65	22.76	22.68	23.20
	16QAM	1	0	22.72	22.65	22.79	23.20
		1	7	22.54	22.76	22.63	23.20
		1	14	22.63	22.76	22.70	23.20
		8	0	21.76	21.83	21.70	22.20
		8	4	21.70	21.76	21.71	22.20
		8	7	21.75	21.68	21.82	22.20
		15	0	21.74	21.61	21.78	22.20
	64QAM	1	0	21.63	21.69	21.74	22.20
		1	7	21.45	21.50	21.53	22.20
		1	14	21.51	21.44	21.66	22.20
		8	0	21.00	20.96	20.86	21.20
		8	4	20.88	20.78	20.77	21.20
		8	7	21.08	20.97	21.01	21.20
		15	0	21.05	21.04	21.05	21.20
	256QAM	1	0	18.63	18.55	18.60	19.20
		1	7	18.57	18.54	18.71	19.20
		1	14	18.55	18.58	18.65	19.20
		8	0	18.59	18.65	18.53	19.20
		8	4	18.59	18.55	18.64	19.20
		8	7	18.65	18.51	18.68	19.20
		15	0	18.44	18.56	18.59	19.20
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 131997	<b>Channel</b> 132322	<b>Channel</b> 132647	<b>Tune up</b>

5MHz	QPSK	1	0	23.54	23.65	23.63	24.20
		1	13	23.57	23.55	23.61	24.20
		1	24	23.51	23.63	23.52	24.20
		12	0	22.63	22.73	22.66	23.20
		12	6	22.78	22.65	22.72	23.20
		12	13	22.78	22.73	22.66	23.20
		25	0	22.69	22.81	22.68	23.20
	16QAM	1	0	22.75	22.71	22.75	23.20
		1	13	22.53	22.76	22.61	23.20
		1	24	22.61	22.74	22.76	23.20
		12	0	21.71	21.78	21.67	22.20
		12	6	21.73	21.73	21.80	22.20
		12	13	21.77	21.72	21.87	22.20
		25	0	21.73	21.61	21.73	22.20
	64QAM	1	0	21.64	21.66	21.74	22.20
		1	13	21.46	21.43	21.56	22.20
		1	24	21.49	21.47	21.67	22.20
		12	0	21.00	20.94	20.89	21.20
		12	6	20.84	20.83	20.76	21.20
		12	13	21.08	20.98	20.99	21.20
		25	0	21.06	21.02	21.08	21.20
256QAM	1	0	18.53	18.54	18.58	19.20	
	1	13	18.62	18.60	18.78	19.20	
	1	24	18.53	18.56	18.64	19.20	
	12	0	18.51	18.61	18.61	19.20	
	12	6	18.60	18.55	18.62	19.20	
	12	13	18.68	18.60	18.72	19.20	
	25	0	18.54	18.56	18.58	19.20	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
10MHz	QPSK	1	0	23.55	23.61	23.62	24.20
		1	25	23.58	23.59	23.62	24.20
		1	49	23.50	23.64	23.51	24.20
		25	0	22.62	22.72	22.67	23.20
		25	13	22.79	22.58	22.69	23.20
		25	25	22.75	22.73	22.69	23.20
		50	0	22.69	22.83	22.71	23.20
	16QAM	1	0	22.73	22.68	22.78	23.20
		1	25	22.54	22.77	22.55	23.20
		1	49	22.62	22.78	22.75	23.20

		25	0	21.71	21.77	21.67	22.20
		25	13	21.68	21.74	21.78	22.20
		25	25	21.73	21.67	21.82	22.20
		50	0	21.69	21.63	21.79	22.20
	64QAM	1	0	21.65	21.66	21.76	22.20
		1	25	21.39	21.50	21.58	22.20
		1	49	21.55	21.50	21.63	22.20
		25	0	20.93	20.95	20.83	21.20
		25	13	20.87	20.84	20.80	21.20
		25	25	21.05	20.97	21.05	21.20
		50	0	21.05	21.06	21.03	21.20
	256QAM	1	0	18.54	18.59	18.58	19.20
		1	25	18.60	18.62	18.72	19.20
		1	49	18.59	18.56	18.67	19.20
25		0	18.58	18.58	18.54	19.20	
25		13	18.52	18.59	18.75	19.20	
25		25	18.64	18.47	18.63	19.20	
50		0	18.51	18.59	18.56	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.49	23.60	23.60	24.20
		1	38	23.61	23.54	23.62	24.20
		1	74	23.50	23.62	23.52	24.20
		36	0	22.68	22.77	22.69	23.20
		36	18	22.75	22.63	22.69	23.20
		36	39	22.80	22.69	22.72	23.20
		75	0	22.63	22.82	22.65	23.20
	16QAM	1	0	22.77	22.64	22.81	23.20
		1	38	22.57	22.77	22.58	23.20
		1	74	22.64	22.76	22.71	23.20
		36	0	21.72	21.82	21.71	22.20
		36	18	21.73	21.78	21.73	22.20
		36	39	21.69	21.69	21.85	22.20
		75	0	21.77	21.58	21.77	22.20
	64QAM	1	0	21.68	21.64	21.71	22.20
		1	38	21.44	21.45	21.57	22.20
		1	74	21.53	21.51	21.68	22.20
		36	0	20.99	20.93	20.88	21.20
		36	18	20.85	20.85	20.79	21.20
		36	39	21.05	21.02	21.04	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	256QAM	75	0	20.98	21.06	21.06	21.20	
		1	0	18.64	18.60	18.55	19.20	
		1	38	18.58	18.54	18.73	19.20	
		1	74	18.49	18.50	18.65	19.20	
		36	0	18.61	18.68	18.60	19.20	
		36	18	18.57	18.59	18.71	19.20	
		36	39	18.64	18.60	18.73	19.20	
		75	0	18.43	18.58	18.61	19.20	
	20MHz	QPSK	1	0	23.49	23.69	23.61	24.20
			1	50	23.57	23.53	23.55	24.20
			1	99	23.50	23.66	23.54	24.20
			50	0	22.66	22.78	22.71	23.20
			50	25	22.75	22.62	22.73	23.20
			50	50	22.77	22.73	22.73	23.20
			100	0	22.61	22.81	22.68	23.20
		16QAM	1	0	22.71	22.72	22.79	23.20
			1	50	22.58	22.75	22.61	23.20
			1	99	22.63	22.78	22.73	23.20
			50	0	21.70	21.84	21.67	22.20
			50	25	21.77	21.75	21.79	22.20
			50	50	21.74	21.71	21.86	22.20
			100	0	21.73	21.66	21.78	22.20
		64QAM	1	0	21.68	21.65	21.73	22.20
			1	50	21.41	21.49	21.58	22.20
			1	99	21.51	21.47	21.69	22.20
			50	0	20.96	20.94	20.92	21.20
			50	25	20.89	20.82	20.83	21.20
			50	50	21.02	21.02	20.99	21.20
100			0	21.04	21.06	21.07	21.20	
256QAM		1	0	18.59	18.58	18.69	19.20	
		1	50	18.50	18.62	18.68	19.20	
		1	99	18.47	18.62	18.56	19.20	
		50	0	18.55	18.68	18.58	19.20	
		50	25	18.59	18.60	18.67	19.20	
		50	50	18.68	18.56	18.76	19.20	
		100	0	18.49	18.58	18.65	19.20	

LTE Band 66 Sensor 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	21.59	21.68	21.57	22.20
		1	2	21.62	21.57	21.52	22.20
		1	5	21.54	21.58	21.56	22.20
		3	0	21.58	21.66	21.56	22.20
		3	2	21.62	21.56	21.56	22.20
		3	3	21.56	21.63	21.51	22.20
	16QAM	6	0	21.51	21.69	21.59	22.20
		1	0	21.68	21.62	21.59	22.20
		1	2	21.54	21.60	21.56	22.20
		1	5	21.54	21.64	21.57	22.20
		3	0	21.76	21.80	21.71	22.20
		3	2	21.76	21.74	21.72	22.20
	64QAM	3	3	21.69	21.74	21.82	22.20
		6	0	21.70	21.62	21.78	22.20
		1	0	21.65	21.65	21.79	22.20
		1	2	21.44	21.47	21.59	22.20
		1	5	21.55	21.45	21.63	22.20
		3	0	21.63	21.63	21.79	22.20
	256QAM	3	2	21.48	21.46	21.55	22.20
		3	3	21.49	21.46	21.63	22.20
		6	0	21.04	21.03	21.10	21.20
		1	0	18.00	18.11	18.06	18.80
		1	2	18.05	18.01	18.17	18.80
		1	5	17.99	18.05	18.15	18.80
3MHz	QPSK	3	0	18.07	18.03	18.07	18.80
		3	2	18.02	18.06	18.04	18.80
		3	3	18.07	18.11	18.16	18.80
		6	0	17.97	18.04	18.07	18.80
		1	0	21.59	21.70	21.56	22.20
		1	7	21.60	21.53	21.53	22.20
	16QAM	1	14	21.48	21.60	21.54	22.20
		8	0	21.52	21.66	21.57	22.20
		8	4	21.64	21.61	21.53	22.20
		8	7	21.53	21.65	21.54	22.20
		15	0	21.55	21.68	21.53	22.20
		1	0	21.61	21.58	21.53	22.20
16QAM	1	7	21.56	21.64	21.50	22.20	
	1	14	21.52	21.67	21.57	22.20	
	8	0	21.76	21.83	21.70	22.20	
	8	4	21.70	21.76	21.71	22.20	
	8	7	21.75	21.68	21.82	22.20	
	15	0	21.74	21.61	21.78	22.20	

	64QAM	1	0	21.63	21.69	21.74	22.20	
		1	7	21.45	21.50	21.53	22.20	
		1	14	21.51	21.44	21.66	22.20	
		8	0	21.00	20.96	20.86	21.20	
		8	4	20.88	20.78	20.77	21.20	
		8	7	21.08	20.97	21.01	21.20	
	256QAM	15	0	21.05	21.04	21.05	21.20	
		1	0	17.97	18.11	18.09	18.80	
		1	7	18.02	18.04	18.22	18.80	
		1	14	18.08	18.04	18.07	18.80	
		8	0	17.96	18.07	18.00	18.80	
		8	4	18.13	18.15	18.06	18.80	
		QPSK	8	7	17.99	18.15	18.17	18.80
			15	0	18.02	18.10	18.03	18.80
1			0	21.54	21.69	21.54	22.20	
1			13	21.68	21.62	21.59	22.20	
1			24	21.48	21.60	21.50	22.20	
12			0	21.54	21.72	21.56	22.20	
16QAM		12	6	21.62	21.54	21.58	22.20	
		12	13	21.48	21.65	21.50	22.20	
		25	0	21.53	21.70	21.54	22.20	
		1	0	21.65	21.58	21.58	22.20	
		1	13	21.53	21.66	21.54	22.20	
		1	24	21.59	21.65	21.60	22.20	
64QAM		12	0	21.71	21.78	21.67	22.20	
		12	6	21.73	21.73	21.80	22.20	
	12	13	21.77	21.72	21.87	22.20		
	25	0	21.73	21.61	21.73	22.20		
	1	0	21.64	21.66	21.74	22.20		
	1	13	21.46	21.43	21.56	22.20		
256QAM	1	24	21.49	21.47	21.67	22.20		
	12	0	21.00	20.94	20.89	21.20		
	12	6	20.84	20.83	20.76	21.20		
	12	13	21.08	20.98	20.99	21.20		
	25	0	21.06	21.02	21.08	21.20		
	1	0	18.06	18.03	18.03	18.80		
	256QAM	1	13	18.08	18.00	18.14	18.80	
		1	24	17.98	18.05	18.12	18.80	
		12	0	18.03	18.03	18.08	18.80	
		12	6	18.11	18.05	18.17	18.80	
		12	13	18.11	18.02	18.20	18.80	
		25	0	17.95	18.07	18.07	18.80	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				131997	132322	132647		
	QPSK	1	0	21.58	21.69	21.60	22.20	
		1	25	21.68	21.59	21.61	22.20	
		1	49	21.56	21.59	21.55	22.20	
		25	0	21.57	21.63	21.55	22.20	
		1	0	18.06	18.03	18.03	18.80	
		1	13	18.08	18.00	18.14	18.80	
		256QAM	1	24	17.98	18.05	18.12	18.80
			12	0	18.03	18.03	18.08	18.80
			12	6	18.11	18.05	18.17	18.80
			12	13	18.11	18.02	18.20	18.80
			25	0	17.95	18.07	18.07	18.80
			1	0	18.06	18.03	18.03	18.80
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	21.58	21.69	21.60	22.20	
		1	25	21.68	21.59	21.61	22.20	
		1	49	21.56	21.59	21.55	22.20	
		25	0	21.57	21.63	21.55	22.20	

	16QAM	25	13	21.67	21.61	21.57	22.20	
		25	25	21.50	21.62	21.49	22.20	
		50	0	21.59	21.67	21.59	22.20	
		1	0	21.65	21.56	21.59	22.20	
		1	25	21.54	21.60	21.51	22.20	
		1	49	21.54	21.63	21.53	22.20	
		25	0	21.71	21.77	21.67	22.20	
		25	13	21.68	21.74	21.78	22.20	
		25	25	21.73	21.67	21.82	22.20	
	64QAM	50	0	21.69	21.63	21.79	22.20	
		1	0	21.65	21.66	21.76	22.20	
		1	25	21.39	21.50	21.58	22.20	
		1	49	21.55	21.50	21.63	22.20	
		25	0	20.93	20.95	20.83	21.20	
		25	13	20.87	20.84	20.80	21.20	
		25	25	21.05	20.97	21.05	21.20	
		50	0	21.05	21.06	21.03	21.20	
		256QAM	1	0	17.94	18.02	18.03	18.80
	1		25	18.15	18.06	18.22	18.80	
	1		49	18.00	17.95	18.06	18.80	
	25		0	18.03	18.11	18.08	18.80	
	25		13	18.16	18.12	18.18	18.80	
	25		25	18.08	18.09	18.17	18.80	
	50		0	18.01	18.08	18.00	18.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
	15MHz	QPSK	1	0	21.53	21.69	21.55	22.20
			1	38	21.66	21.61	21.53	22.20
1			74	21.55	21.63	21.55	22.20	
36			0	21.55	21.71	21.59	22.20	
36			18	21.66	21.58	21.57	22.20	
36			39	21.55	21.62	21.54	22.20	
75			0	21.58	21.69	21.58	22.20	
16QAM		1	0	21.65	21.60	21.57	22.20	
		1	38	21.52	21.62	21.48	22.20	
		1	74	21.60	21.66	21.59	22.20	
		36	0	21.72	21.82	21.71	22.20	
		36	18	21.73	21.78	21.73	22.20	
		36	39	21.69	21.69	21.85	22.20	
		75	0	21.77	21.58	21.77	22.20	
64QAM		1	0	21.68	21.64	21.71	22.20	
		1	38	21.44	21.45	21.57	22.20	
		1	74	21.53	21.51	21.68	22.20	
		36	0	20.99	20.93	20.88	21.20	
		36	18	20.85	20.85	20.79	21.20	
		36	39	21.05	21.02	21.04	21.20	
		75	0	20.98	21.06	21.06	21.20	
256QAM		1	0	17.95	18.06	18.15	18.80	
		1	38	18.10	18.10	18.19	18.80	
		1	74	18.02	18.07	18.14	18.80	
		36	0	18.02	18.01	18.07	18.80	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	36	18	18.06	18.12	18.05	18.80	
		36	39	18.00	18.11	18.08	18.80	
		75	0	18.03	18.04	18.07	18.80	
	16QAM	QPSK	1	0	21.59	21.88	21.57	22.20
			1	50	21.62	21.60	21.56	22.20
			1	99	21.51	21.62	21.50	22.20
			50	0	21.59	21.71	21.60	22.20
			50	25	21.65	21.61	21.60	22.20
			50	50	21.54	21.60	21.56	22.20
	16QAM	16QAM	100	0	21.52	21.70	21.61	22.20
			1	0	21.67	21.57	21.55	22.20
			1	50	21.49	21.58	21.49	22.20
			1	99	21.60	21.67	21.58	22.20
			50	0	21.70	21.84	21.67	22.20
			50	25	21.77	21.75	21.79	22.20
	64QAM	64QAM	50	50	21.74	21.71	21.86	22.20
			100	0	21.73	21.66	21.78	22.20
			1	0	21.68	21.65	21.73	22.20
			1	50	21.41	21.49	21.58	22.20
			1	99	21.51	21.47	21.69	22.20
			50	0	20.96	20.94	20.92	21.20
	256QAM	256QAM	50	25	20.89	20.82	20.83	21.20
			50	50	21.02	21.02	20.99	21.20
			100	0	21.04	21.06	21.07	21.20
			1	0	17.93	18.02	18.04	18.80
			1	50	18.12	18.05	18.11	18.80
			1	99	18.04	18.09	18.13	18.80
			50	0	17.98	18.02	18.11	18.80
			50	25	18.16	18.04	18.11	18.80
			50	50	18.02	18.12	18.13	18.80
		100	0	17.94	18.05	18.00	18.80	

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.53	24.62	24.56	25.50
		1	13	24.57	24.56	24.59	25.50
		1	24	24.49	24.64	24.56	25.50
		12	0	23.65	23.72	23.70	24.50
		12	6	23.76	23.62	23.69	24.50
		12	13	23.78	23.72	23.75	24.50
		25	0	23.61	23.75	23.72	24.50
	16QAM	1	0	23.71	23.69	23.76	24.50



		1	13	23.56	23.76	23.55	24.50	
		1	24	23.70	23.71	23.68	24.50	
		12	0	22.77	22.76	22.66	23.50	
		12	6	22.72	22.70	22.75	23.50	
		12	13	22.74	22.68	22.87	23.50	
		25	0	22.76	22.63	22.72	23.50	
	64QAM	1	0	22.64	22.62	22.73	23.50	
		1	13	22.41	22.46	22.57	23.50	
		1	24	22.53	22.44	22.69	23.50	
		12	0	22.00	21.91	21.90	22.50	
		12	6	21.85	21.82	21.81	22.50	
		12	13	22.08	21.97	22.03	22.50	
	256QAM	25	0	21.97	22.06	22.04	22.50	
		1	0	19.63	19.69	19.70	20.50	
		1	13	19.81	19.81	19.80	20.50	
		1	24	19.64	19.63	19.76	20.50	
		12	0	19.60	19.80	19.55	20.50	
		12	6	19.74	19.75	19.69	20.50	
		12	13	19.60	19.73	19.82	20.50	
		25	0	19.57	19.64	19.69	20.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
37800						38000	38200	
10MHz		QPSK	1	0	24.48	24.60	24.58	25.50
			1	25	24.56	24.57	24.58	25.50
	1		49	24.48	24.59	24.52	25.50	
	25		0	23.64	23.76	23.74	24.50	
	25		13	23.75	23.61	23.72	24.50	
	25		25	23.78	23.71	23.71	24.50	
	16QAM	50	0	23.67	23.76	23.66	24.50	
		1	0	23.78	23.63	23.76	24.50	
		1	25	23.57	23.80	23.54	24.50	
		1	49	23.65	23.79	23.77	24.50	
		25	0	22.76	22.76	22.67	23.50	
		25	13	22.74	22.72	22.79	23.50	
	64QAM	25	25	22.76	22.68	22.82	23.50	
		50	0	22.71	22.61	22.72	23.50	
		1	0	22.65	22.63	22.73	23.50	
		1	25	22.46	22.45	22.59	23.50	
		1	49	22.53	22.47	22.62	23.50	
		25	0	21.93	21.95	21.86	22.50	

		25	13	21.87	21.80	21.82	22.50	
		25	25	22.06	21.95	21.97	22.50	
		50	0	21.97	22.00	22.10	22.50	
	256QAM		1	0	19.66	19.70	19.83	20.50
			1	25	19.73	19.79	19.78	20.50
			1	49	19.58	19.65	19.82	20.50
			25	0	19.55	19.76	19.58	20.50
			25	13	19.81	19.84	19.74	20.50
			25	25	19.63	19.67	19.78	20.50
50	0		19.61	19.71	19.60	20.50		
<b>Bandwidth</b>	<b>Modulation</b>		<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	24.48	24.61	24.54	25.50	
		1	38	24.56	24.52	24.62	25.50	
		1	74	24.50	24.61	24.48	25.50	
		36	0	23.66	23.78	23.67	24.50	
		36	18	23.79	23.67	23.75	24.50	
		36	39	23.79	23.69	23.70	24.50	
		75	0	23.70	23.82	23.69	24.50	
	16QAM		1	0	23.75	23.69	23.75	24.50
			1	38	23.52	23.76	23.61	24.50
			1	74	23.64	23.76	23.76	24.50
			36	0	22.73	22.81	22.65	23.50
			36	18	22.77	22.73	22.73	23.50
			36	39	22.71	22.73	22.84	23.50
			75	0	22.73	22.66	22.75	23.50
	64QAM		1	0	22.63	22.64	22.77	23.50
			1	38	22.46	22.51	22.56	23.50
			1	74	22.53	22.48	22.63	23.50
			36	0	21.93	21.88	21.83	22.50
			36	18	21.88	21.83	21.81	22.50
			36	39	22.02	21.96	22.05	22.50
			75	0	22.02	22.04	22.09	22.50
	256QAM		1	0	19.67	19.70	19.84	20.50
			1	38	19.74	19.77	19.75	20.50
			1	74	19.67	19.73	19.81	20.50
			36	0	19.52	19.68	19.65	20.50
			36	18	19.78	19.72	19.66	20.50
			36	39	19.69	19.76	19.77	20.50
			75	0	19.57	19.75	19.65	20.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	

				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	24.52	24.66	24.63	25.50
		1	50	24.59	24.52	24.62	25.50
		1	99	24.55	24.60	24.56	25.50
		50	0	23.64	23.84	23.67	24.50
		50	25	23.77	23.65	23.74	24.50
		50	50	23.80	23.67	23.71	24.50
		100	0	23.63	23.82	23.67	24.50
	16QAM	1	0	23.74	23.67	23.82	24.50
		1	50	23.59	23.82	23.55	24.50
		1	99	23.62	23.74	23.71	24.50
		50	0	22.76	22.83	22.65	23.50
		50	25	22.72	22.78	22.75	23.50
		50	50	22.75	22.72	22.84	23.50
		100	0	22.71	22.59	22.78	23.50
	64QAM	1	0	22.67	22.65	22.77	23.50
		1	50	22.43	22.48	22.59	23.50
		1	99	22.55	22.50	22.68	23.50
		50	0	21.99	21.87	21.87	22.50
		50	25	21.87	21.86	21.78	22.50
		50	50	22.01	22.01	22.06	22.50
		100	0	21.98	22.03	22.10	22.50
	256QAM	1	0	19.61	19.66	19.78	20.50
		1	50	19.78	19.74	19.74	20.50
		1	99	19.56	19.73	19.85	20.50
		50	0	19.54	19.80	19.67	20.50
		50	25	19.74	19.73	19.71	20.50
		50	50	19.66	19.65	19.86	20.50
		100	0	19.62	19.78	19.58	20.50

LTE Band 38 Sensor on/Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
<b>5MHz</b>	QPSK	1	0	23.09	23.22	23.22	24.00
		1	13	23.26	23.13	23.24	24.00
		1	24	23.18	23.14	23.23	24.00
		12	0	23.08	23.20	23.30	24.00
		12	6	23.21	23.11	23.23	24.00
		12	13	23.12	23.15	23.15	24.00
		25	0	23.11	23.25	23.21	24.00
	16QAM	1	0	23.08	23.24	23.24	24.00
		1	13	23.22	23.16	23.28	24.00

		1	24	23.17	23.19	23.18	24.00	
		12	0	22.73	22.81	22.64	23.50	
		12	6	22.74	22.81	22.76	23.50	
		12	13	22.80	22.69	22.82	23.50	
		25	0	22.69	22.58	22.81	23.50	
	64QAM	1	0	22.65	22.68	22.77	23.50	
		1	13	22.44	22.46	22.57	23.50	
		1	24	22.54	22.54	22.72	23.50	
		12	0	21.97	21.84	21.84	22.50	
		12	6	21.88	21.83	21.82	22.50	
	256QAM	12	13	22.05	22.02	22.05	22.50	
		25	0	21.98	22.04	22.12	22.50	
		1	0	19.63	19.69	19.70	20.50	
		1	13	19.81	19.81	19.80	20.50	
		1	24	19.64	19.63	19.76	20.50	
		12	0	19.60	19.80	19.55	20.50	
		12	6	19.74	19.75	19.69	20.50	
		12	13	19.60	19.73	19.82	20.50	
		25	0	19.57	19.64	19.69	20.50	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					37800	38000	38200	
<b>10MHz</b>	QPSK	1	0	23.07	23.20	23.27	24.00	
		1	25	23.21	23.14	23.23	24.00	
		1	49	23.18	23.22	23.19	24.00	
		25	0	23.10	23.27	23.26	24.00	
		25	13	23.23	23.10	23.24	24.00	
		25	25	23.17	23.13	23.18	24.00	
		50	0	23.05	23.26	23.24	24.00	
	16QAM	1	0	23.13	23.24	23.29	24.00	
		1	25	23.22	23.13	23.27	24.00	
		1	49	23.17	23.22	23.19	24.00	
		25	0	22.77	22.79	22.64	23.50	
		25	13	22.72	22.76	22.76	23.50	
		25	25	22.72	22.71	22.88	23.50	
		50	0	22.70	22.60	22.76	23.50	
	64QAM	1	0	22.65	22.63	22.80	23.50	
		1	25	22.39	22.51	22.57	23.50	
		1	49	22.58	22.55	22.65	23.50	
		25	0	22.02	21.92	21.86	22.50	
		25	13	21.90	21.89	21.75	22.50	
		25	25	22.03	21.98	22.08	22.50	
		50	0	21.97	22.06	22.13	22.50	
	256QAM	1	0	19.66	19.70	19.83	20.50	
		1	25	19.73	19.79	19.78	20.50	
		1	49	19.58	19.65	19.82	20.50	
		25	0	19.55	19.76	19.58	20.50	
		25	13	19.81	19.84	19.74	20.50	
		25	25	19.63	19.67	19.78	20.50	
		50	0	19.61	19.71	19.60	20.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37825	38000	38175	

15MHz	QPSK	1	0	23.13	23.25	23.24	24.00
		1	38	23.24	23.11	23.23	24.00
		1	74	23.16	23.17	23.17	24.00
		36	0	23.11	23.25	23.28	24.00
		36	18	23.26	23.11	23.25	24.00
		36	39	23.19	23.21	23.18	24.00
		75	0	23.07	23.27	23.25	24.00
	16QAM	1	0	23.10	23.21	23.28	24.00
		1	38	23.27	23.13	23.20	24.00
		1	74	23.20	23.13	23.18	24.00
		36	0	22.74	22.80	22.61	23.50
		36	18	22.71	22.76	22.79	23.50
		36	39	22.76	22.69	22.86	23.50
		75	0	22.72	22.61	22.76	23.50
	64QAM	1	0	22.67	22.62	22.79	23.50
		1	38	22.43	22.51	22.63	23.50
		1	74	22.52	22.51	22.73	23.50
		36	0	21.97	21.86	21.89	22.50
		36	18	21.90	21.83	21.77	22.50
		36	39	22.04	22.05	22.10	22.50
		75	0	21.97	22.03	22.07	22.50
	256QAM	1	0	19.67	19.70	19.84	20.50
		1	38	19.74	19.77	19.75	20.50
		1	74	19.67	19.73	19.81	20.50
		36	0	19.52	19.68	19.65	20.50
		36	18	19.78	19.72	19.66	20.50
		36	39	19.69	19.76	19.77	20.50
		75	0	19.57	19.75	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	23.06	23.31	23.30	24.00
		1	50	23.22	23.19	23.21	24.00
		1	99	23.16	23.15	23.22	24.00
		50	0	23.09	23.24	23.30	24.00
		50	25	23.24	23.12	23.22	24.00
		50	50	23.19	23.14	23.21	24.00
		100	0	23.11	23.27	23.30	24.00
	16QAM	1	0	23.11	23.22	23.26	24.00
		1	50	23.25	23.12	23.22	24.00
		1	99	23.14	23.19	23.16	24.00
		50	0	22.73	22.80	22.68	23.50
		50	25	22.68	22.75	22.73	23.50
		50	50	22.80	22.72	22.82	23.50
		100	0	22.73	22.57	22.74	23.50
	64QAM	1	0	22.64	22.70	22.75	23.50
		1	50	22.41	22.47	22.57	23.50
		1	99	22.55	22.52	22.66	23.50
		50	0	21.95	21.92	21.90	22.50
		50	25	21.84	21.82	21.79	22.50
		50	50	22.05	22.00	22.04	22.50
		100	0	22.02	22.01	22.10	22.50



				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	24.52	24.65	24.50	24.64	24.73	25.50
		1	25	24.62	24.53	24.64	24.52	24.57	25.50
		1	49	24.55	24.65	24.56	24.60	24.68	25.50
		25	0	23.68	23.80	23.61	23.81	23.80	24.50
		25	13	23.74	23.64	23.74	23.68	23.66	24.50
		25	25	23.72	23.70	23.71	23.67	23.64	24.50
		50	0	23.65	23.78	23.66	23.83	23.80	24.50
	16QAM	1	0	23.78	23.71	23.77	23.66	23.68	24.50
		1	25	23.57	23.84	23.55	23.80	23.80	24.50
		1	49	23.68	23.78	23.65	23.77	23.72	24.50
		25	0	22.69	22.82	22.68	22.82	22.80	23.50
		25	13	22.75	22.71	22.72	22.76	22.70	23.50
		25	25	22.71	22.67	22.73	22.66	22.69	23.50
		50	0	22.78	22.59	22.78	22.64	22.57	23.50
	64QAM	1	0	22.65	22.63	22.69	22.69	22.64	23.50
		1	25	22.39	22.52	22.39	22.48	22.46	23.50
		1	49	22.55	22.51	22.53	22.50	22.47	23.50
		25	0	22.00	22.00	21.98	21.92	21.95	22.50
		25	13	21.86	21.86	21.91	21.82	21.83	22.50
		25	25	22.07	21.94	22.03	22.00	21.93	22.50
		50	0	22.00	22.00	21.97	22.02	22.02	22.50
	256QAM	1	0	19.62	19.58	19.62	19.75	19.72	20.50
		1	25	19.81	19.71	19.77	19.85	19.71	20.50
		1	49	19.62	19.58	19.69	19.85	19.71	20.50
		25	0	19.77	19.53	19.79	19.63	19.77	20.50
		25	13	19.79	19.78	19.80	19.70	19.77	20.50
		25	25	19.64	19.64	19.68	19.74	19.76	20.50
		50	0	19.70	19.61	19.66	19.59	19.65	20.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39725	<b>Channel</b> 40173	<b>Channel</b> 40620	<b>Channel</b> 41068	<b>Channel</b> 41515	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	24.51	24.66	24.52	24.64	24.65	25.50
		1	38	24.66	24.56	24.58	24.51	24.57	25.50
		1	74	24.53	24.61	24.52	24.64	24.66	25.50
		36	0	23.62	23.82	23.69	23.77	23.84	24.50
		36	18	23.72	23.63	23.77	23.63	23.67	24.50
		36	39	23.78	23.69	23.75	23.69	23.69	24.50
		75	0	23.66	23.76	23.61	23.75	23.78	24.50
	16QAM	1	0	23.75	23.62	23.72	23.69	23.64	24.50
		1	38	23.58	23.84	23.58	23.81	23.77	24.50

		1	74	23.73	23.73	23.65	23.72	23.75	24.50	
		36	0	22.69	22.74	22.72	22.75	22.80	23.50	
		36	18	22.68	22.71	22.76	22.72	22.76	23.50	
		36	39	22.69	22.75	22.73	22.67	22.71	23.50	
		75	0	22.72	22.58	22.75	22.59	22.64	23.50	
	64QAM	1	0	22.64	22.69	22.71	22.65	22.67	23.50	
		1	38	22.39	22.46	22.45	22.44	22.50	23.50	
		1	74	22.54	22.47	22.53	22.46	22.49	23.50	
		36	0	22.00	21.94	21.94	21.96	21.92	22.50	
		36	18	21.91	21.84	21.85	21.79	21.84	22.50	
		36	39	22.10	22.01	22.07	21.96	22.00	22.50	
	256QAM	75	0	21.96	22.00	21.98	22.00	22.05	22.50	
		1	0	19.69	19.55	19.61	19.73	19.65	20.50	
		1	38	19.83	19.77	19.79	19.86	19.70	20.50	
		1	74	19.62	19.59	19.70	19.74	19.70	20.50	
		36	0	19.71	19.56	19.71	19.56	19.80	20.50	
		36	18	19.75	19.77	19.73	19.64	19.83	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	24.53	24.68	24.71	24.64	24.65	25.50
			1	50	24.60	24.54	24.61	24.53	24.53	25.50
1			99	24.51	24.61	24.50	24.61	24.64	25.50	
50			0	23.65	23.81	23.85	23.81	23.84	24.50	
50			25	23.73	23.69	23.77	23.62	23.69	24.50	
50			50	23.75	23.66	23.78	23.69	23.64	24.50	
100			0	23.60	23.77	23.61	23.83	23.84	24.50	
16QAM		1	0	23.79	23.70	23.80	23.63	23.63	24.50	
		1	50	23.58	23.80	23.56	23.83	23.82	24.50	
		1	99	23.68	23.75	23.70	23.75	23.71	24.50	
		50	0	22.68	22.74	22.72	22.77	22.81	23.50	
		50	25	22.71	22.71	22.70	22.72	22.69	23.50	
		50	50	22.68	22.70	22.66	22.67	22.70	23.50	
64QAM		100	0	22.77	22.65	22.77	22.58	22.59	23.50	
		1	0	22.67	22.67	22.63	22.64	22.65	23.50	
		1	50	22.43	22.51	22.39	22.43	22.48	23.50	
		1	99	22.57	22.47	22.60	22.54	22.47	23.50	
		50	0	21.96	21.96	22.02	22.00	21.98	22.50	
			50	25	21.91	21.78	21.86	21.83	21.84	22.50



		50	50	22.07	21.96	22.06	21.97	22.00	22.50
		100	0	21.99	22.01	22.00	22.06	22.04	22.50
	256QAM	1	0	19.70	19.57	19.69	19.77	19.74	20.50
		1	50	19.82	19.71	19.76	19.74	19.73	20.50
		1	99	19.74	19.55	19.73	19.84	19.71	20.50
		50	0	19.75	19.52	19.79	19.58	19.73	20.50
		50	25	19.81	19.83	19.83	19.69	19.75	20.50
		50	50	19.69	19.71	19.69	19.73	19.65	20.50
		100	0	19.72	19.70	19.71	19.64	19.67	20.50

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	23.10	23.25	23.09	23.27	23.28	24.00	
		1	13	23.20	23.13	23.22	23.13	23.24	24.00	
		1	24	23.14	23.16	23.20	23.20	23.15	24.00	
		12	0	23.08	23.26	23.09	23.23	23.24	24.00	
		12	6	23.23	23.17	23.26	23.14	23.26	24.00	
		12	13	23.13	23.17	23.13	23.17	23.18	24.00	
		25	0	23.11	23.24	23.10	23.24	23.28	24.00	
	16QAM	1	0	23.08	23.23	23.07	23.24	23.24	24.00	
		1	13	23.20	23.16	23.27	23.15	23.23	24.00	
		1	24	23.17	23.14	23.13	23.16	23.15	24.00	
		12	0	22.80	22.83	22.77	22.83	22.67	23.50	
		12	6	22.77	22.74	22.77	22.76	22.74	23.50	
		12	13	22.79	22.69	22.72	22.74	22.83	23.50	
		25	0	22.71	22.62	22.70	22.56	22.81	23.50	
	64QAM	1	0	22.72	22.62	22.71	22.68	22.78	23.50	
		1	13	22.42	22.45	22.41	22.48	22.55	23.50	
		1	24	22.59	22.53	22.54	22.53	22.65	23.50	
		12	0	21.95	21.86	22.01	21.84	21.88	22.50	
		12	6	21.91	21.84	21.90	21.83	21.75	22.50	
		12	13	21.97	22.03	21.99	22.05	22.07	22.50	
		25	0	21.94	22.03	22.02	22.01	22.09	22.50	
	256QAM	1	0	19.63	19.55	19.68	19.71	19.73	20.50	
		1	13	19.72	19.74	19.78	19.78	19.79	20.50	
		1	24	19.64	19.67	19.61	19.86	19.69	20.50	
		12	0	19.81	19.48	19.70	19.65	19.74	20.50	
		12	6	19.83	19.76	19.75	19.71	19.86	20.50	
		12	13	19.65	19.71	19.68	19.77	19.64	20.50	
		25	0	19.70	19.58	19.73	19.61	19.74	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	39700	40160	40620	41080	41540	24.00
1			25	23.05	23.27	23.13	23.24	23.29	24.00	
1			49	23.22	23.12	23.20	23.14	23.24	24.00	
1			49	23.15	23.15	23.16	23.15	23.16	24.00	
25			0	23.08	23.25	23.10	23.23	23.23	24.00	

	16QAM	25	13	23.26	23.19	23.19	23.13	23.27	24.00	
		25	25	23.16	23.14	23.15	23.17	23.17	24.00	
		50	0	23.13	23.23	23.05	23.27	23.26	24.00	
		1	0	23.09	23.25	23.07	23.26	23.30	24.00	
		1	25	23.24	23.13	23.21	23.13	23.27	24.00	
		1	49	23.15	23.17	23.16	23.20	23.16	24.00	
		25	0	22.78	22.86	22.74	22.79	22.66	23.50	
		25	13	22.74	22.79	22.71	22.78	22.76	23.50	
		25	25	22.79	22.77	22.77	22.71	22.80	23.50	
	64QAM	50	0	22.73	22.61	22.70	22.64	22.80	23.50	
		1	0	22.71	22.63	22.66	22.66	22.78	23.50	
		1	25	22.41	22.46	22.40	22.50	22.62	23.50	
		1	49	22.54	22.49	22.53	22.51	22.66	23.50	
		25	0	21.96	21.87	21.98	21.85	21.86	22.50	
		25	13	21.90	21.90	21.87	21.88	21.81	22.50	
		25	25	21.98	22.04	22.01	22.05	22.06	22.50	
		50	0	21.96	21.99	21.95	22.03	22.14	22.50	
		256QAM	1	0	19.62	19.58	19.62	19.75	19.72	20.50
	1		25	19.81	19.71	19.77	19.85	19.71	20.50	
	1		49	19.62	19.58	19.69	19.85	19.71	20.50	
	25		0	19.77	19.53	19.79	19.63	19.77	20.50	
	25		13	19.79	19.78	19.80	19.70	19.77	20.50	
	25		25	19.64	19.64	19.68	19.74	19.76	20.50	
	50		0	19.70	19.61	19.66	19.59	19.65	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
	15MHz	QPSK	1	0	23.08	23.23	23.13	23.20	23.22	24.00
			1	38	23.22	23.12	23.20	23.16	23.20	24.00
			1	74	23.16	23.22	23.13	23.16	23.22	24.00
36			0	23.12	23.24	23.08	23.23	23.24	24.00	
36			18	23.24	23.18	23.24	23.19	23.23	24.00	
36			39	23.12	23.16	23.16	23.16	23.19	24.00	
75			0	23.13	23.22	23.13	23.27	23.27	24.00	
16QAM		1	0	23.06	23.22	23.09	23.20	23.24	24.00	
		1	38	23.26	23.13	23.21	23.13	23.28	24.00	
		1	74	23.15	23.13	23.21	23.18	23.14	24.00	
		36	0	22.74	22.83	22.79	22.81	22.70	23.50	
		36	18	22.76	22.79	22.69	22.77	22.72	23.50	
		36	39	22.75	22.75	22.77	22.74	22.88	23.50	
		75	0	22.73	22.61	22.68	22.59	22.78	23.50	
64QAM		1	0	22.68	22.70	22.70	22.68	22.80	23.50	
		1	38	22.43	22.49	22.45	22.45	22.62	23.50	
		1	74	22.59	22.54	22.55	22.46	22.72	23.50	
		36	0	22.00	21.85	22.03	21.88	21.87	22.50	
		36	18	21.86	21.91	21.84	21.90	21.77	22.50	
		36	39	22.00	22.04	22.02	22.04	22.05	22.50	
		75	0	22.02	22.03	21.98	22.01	22.13	22.50	
256QAM		1	0	19.69	19.55	19.61	19.73	19.65	20.50	
		1	38	19.83	19.77	19.79	19.86	19.70	20.50	
		1	74	19.62	19.59	19.70	19.74	19.70	20.50	
		36	0	19.71	19.56	19.71	19.56	19.80	20.50	

Bandwidth	Modulation	36	18	19.75	19.77	19.73	19.64	19.83	20.50
		36	39	19.63	19.73	19.71	19.72	19.76	20.50
		75	0	19.65	19.59	19.67	19.56	19.67	20.50
		RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	23.13	23.27	23.39	23.25	23.30	24.00
		1	50	23.24	23.19	23.25	23.16	23.25	24.00
		1	99	23.19	23.20	23.14	23.20	23.18	24.00
		50	0	23.06	23.26	23.38	23.23	23.26	24.00
		50	25	23.20	23.13	23.28	23.18	23.26	24.00
		50	50	23.14	23.16	23.14	23.16	23.15	24.00
		100	0	23.12	23.22	23.29	23.27	23.26	24.00
	16QAM	1	0	23.06	23.22	23.06	23.23	23.23	24.00
		1	50	23.20	23.14	23.26	23.15	23.28	24.00
		1	99	23.14	23.22	23.19	23.19	23.15	24.00
		50	0	22.80	22.81	22.79	22.84	22.62	23.50
		50	25	22.71	22.79	22.73	22.80	22.75	23.50
		50	50	22.76	22.70	22.77	22.69	22.84	23.50
		100	0	22.74	22.55	22.73	22.60	22.82	23.50
	64QAM	1	0	22.64	22.62	22.69	22.67	22.74	23.50
		1	50	22.41	22.51	22.39	22.47	22.64	23.50
		1	99	22.52	22.54	22.52	22.53	22.73	23.50
		50	0	21.95	21.86	21.98	21.89	21.88	22.50
		50	25	21.85	21.89	21.89	21.84	21.76	22.50
		50	50	22.04	21.99	22.03	22.05	22.06	22.50
		100	0	21.99	22.01	21.98	22.00	22.09	22.50
	256QAM	1	0	19.70	19.57	19.69	19.77	19.74	20.50
		1	50	19.82	19.71	19.76	19.74	19.73	20.50
		1	99	19.74	19.55	19.73	19.84	19.71	20.50
		50	0	19.75	19.52	19.79	19.58	19.73	20.50
		50	25	19.81	19.83	19.83	19.69	19.75	20.50
		50	50	19.69	19.71	19.69	19.73	19.65	20.50
		100	0	19.72	19.70	19.71	19.64	19.67	20.50

## 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	32.37	32.43	32.33	34.00	-9.19	23.18	23.24	23.14	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	32.28	32.27	32.22	34.00	-9.19	23.09	23.08	23.03	24.81
	2 TX Slots	29.76	29.77	29.73	31.50	-6.18	23.58	23.59	23.55	25.32
	3 TX Slots	27.86	27.88	27.90	29.50	-4.42	23.44	23.46	23.48	25.08
	4 TX Slots	26.19	26.13	26.13	28.00	-3.17	23.02	22.96	22.96	24.83
EGPRS(8PSK)	1 TX Slot	26.75	26.79	26.73	28.00	-9.19	17.56	17.60	17.54	18.81
	2 TX Slots	23.92	23.88	23.85	25.50	-6.18	17.74	17.70	17.67	19.32
	3 TX Slots	22.05	22.07	22.03	23.50	-4.42	17.63	17.65	17.61	19.08
	4 TX Slots	21.09	21.06	21.19	23.00	-3.17	17.92	17.89	18.02	19.83

### 2.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.64	23.66	23.63	25.50
	12.2kbps AMR	23.60	23.63	23.57	25.50
HSDPA	Subtest 1	23.03	23.08	23.05	24.50
	Subtest 2	22.99	23.15	23.23	24.50
	Subtest 3	22.52	22.61	22.72	24.00
	Subtest 4	22.60	22.45	22.62	24.00
HSUPA	Subtest 1	21.05	21.00	21.03	23.00
	Subtest 2	21.06	21.07	21.07	22.50
	Subtest 3	22.03	22.02	22.06	23.50
	Subtest 4	20.59	20.56	20.54	22.50
	Subtest 5	22.07	22.03	22.17	23.50
DC-HSDPA	Subtest 1	23.08	23.06	23.11	24.50
	Subtest 2	23.00	23.01	23.21	24.50
	Subtest 3	22.56	22.59	22.53	24.00
	Subtest 4	22.60	22.48	22.61	24.00
HSPA+	16QAM	21.00	21.02	21.07	22.50

WCDMA Band V Receiver on & Sensor on & Hotspot on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.24	22.30	22.21	24.00
	12.2kbps AMR	22.18	22.27	22.20	24.00
HSDPA	Subtest 1	21.64	21.69	21.64	23.00
	Subtest 2	21.63	21.75	21.82	23.00
	Subtest 3	21.12	21.26	21.33	22.50
	Subtest 4	21.16	21.04	21.19	22.50
HSUPA	Subtest 1	19.69	19.59	19.66	21.50
	Subtest 2	19.67	19.71	19.70	21.00
	Subtest 3	20.63	20.61	20.66	22.00



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	Subtest 4	19.22	19.12	19.19	21.00
	Subtest 5	20.64	20.62	20.74	22.00
DC-HSDPA	Subtest 1	21.72	21.66	21.75	23.00
	Subtest 2	21.64	21.66	21.80	23.00
	Subtest 3	21.13	21.20	21.13	22.50
	Subtest 4	21.20	21.09	21.21	22.50
HSPA+	16QAM	19.61	19.63	19.64	21.00

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### 2.3 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	22.69	22.73	22.76	24.00	
		1	2	22.64	22.69	22.70	24.00	
		1	5	22.60	22.64	22.68	24.00	
		3	0	21.72	21.96	21.74	23.00	
		3	2	21.88	21.65	21.85	23.00	
		3	3	21.87	21.79	21.83	23.00	
	16QAM	6	0	21.75	21.86	21.77	23.00	
		1	0	21.74	21.70	21.86	23.00	
		1	2	21.65	21.88	21.61	23.00	
		1	5	21.71	21.82	21.73	23.00	
		3	0	20.85	20.94	20.85	22.00	
		3	2	20.78	20.78	20.77	22.00	
	64QAM	3	3	20.78	20.76	20.98	22.00	
		6	0	20.89	20.63	20.79	22.00	
		1	0	20.72	20.69	20.88	22.00	
		1	2	20.56	20.59	20.64	22.00	
		1	5	20.66	20.59	20.68	22.00	
		3	0	20.80	20.93	20.83	22.00	
	256QAM	3	2	20.85	20.81	20.82	22.00	
		3	3	20.75	20.78	20.95	22.00	
		6	0	20.10	20.20	20.09	21.00	
		1	0	18.22	18.37	18.24	19.00	
		1	2	18.28	18.31	18.33	19.00	
		1	5	18.16	18.32	18.40	19.00	
	3MHz	QPSK	3	0	18.34	18.19	18.29	19.00
			3	2	18.29	18.32	18.20	19.00
			3	3	18.29	18.37	18.36	19.00
			6	0	18.27	18.26	18.22	19.00
1			0	22.72	22.74	22.77	24.00	
1			7	22.60	22.72	22.68	24.00	
16QAM		1	14	22.64	22.62	22.60	24.00	
		8	0	21.67	21.96	21.80	23.00	
		8	4	21.88	21.63	21.85	23.00	
		8	7	21.89	21.75	21.80	23.00	
		15	0	21.75	21.84	21.78	23.00	
		1	0	21.70	21.66	21.84	23.00	
64QAM		1	7	21.64	21.82	21.61	23.00	
		1	14	21.70	21.80	21.73	23.00	
		8	0	20.84	20.95	20.78	22.00	
		8	4	20.84	20.81	20.86	22.00	
		8	7	20.84	20.83	20.96	22.00	
		15	0	20.81	20.72	20.72	22.00	
16QAM		1	0	20.72	20.70	20.89	22.00	
		1	7	20.53	20.53	20.71	22.00	
		1	14	20.67	20.60	20.72	22.00	

	256QAM	8	0	19.98	19.97	19.99	21.00
		8	4	19.83	19.88	19.90	21.00
		8	7	20.11	20.06	19.97	21.00
		15	0	20.03	20.15	20.10	21.00
		1	0	18.18	18.31	18.35	19.00
		1	7	18.31	18.25	18.35	19.00
		1	14	18.25	18.23	18.38	19.00
		8	0	18.26	18.28	18.34	19.00
		8	4	18.29	18.35	18.24	19.00
		8	7	18.23	18.38	18.34	19.00
15	0	18.26	18.28	18.25	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.68	22.71	22.70	24.00
		1	13	22.62	22.70	22.69	24.00
		1	24	22.61	22.61	22.64	24.00
		12	0	21.70	21.95	21.74	23.00
		12	6	21.89	21.65	21.81	23.00
		12	13	21.90	21.72	21.77	23.00
		25	0	21.70	21.85	21.77	23.00
	16QAM	1	0	21.71	21.71	21.86	23.00
		1	13	21.69	21.84	21.64	23.00
		1	24	21.71	21.82	21.79	23.00
		12	0	20.82	20.94	20.82	22.00
		12	6	20.85	20.82	20.81	22.00
		12	13	20.77	20.81	20.95	22.00
		25	0	20.90	20.64	20.80	22.00
	64QAM	1	0	20.77	20.74	20.85	22.00
		1	13	20.51	20.55	20.67	22.00
		1	24	20.65	20.58	20.74	22.00
		12	0	20.01	20.01	19.97	21.00
		12	6	19.85	19.86	19.91	21.00
		12	13	20.10	20.03	20.00	21.00
		25	0	20.01	20.15	20.10	21.00
	256QAM	1	0	18.28	18.36	18.31	19.00
		1	13	18.26	18.21	18.37	19.00
		1	24	18.26	18.34	18.36	19.00
		12	0	18.29	18.24	18.27	19.00
		12	6	18.21	18.26	18.25	19.00
		12	13	18.34	18.33	18.34	19.00
		25	0	18.23	18.23	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.67	22.73	22.72	24.00
		1	25	22.62	22.68	22.71	24.00
		1	49	22.60	22.67	22.66	24.00
		25	0	21.70	21.98	21.74	23.00
		25	13	21.88	21.69	21.80	23.00
		25	25	21.87	21.76	21.79	23.00
		50	0	21.71	21.91	21.78	23.00
	16QAM	1	0	21.70	21.69	21.79	23.00
		1	25	21.67	21.88	21.60	23.00
		1	49	21.74	21.80	21.75	23.00
		25	0	20.85	20.88	20.78	22.00

	64QAM	25	13	20.77	20.80	20.79	22.00
		25	25	20.83	20.78	20.97	22.00
		50	0	20.89	20.65	20.74	22.00
		1	0	20.76	20.72	20.89	22.00
		1	25	20.55	20.58	20.69	22.00
		1	49	20.68	20.61	20.72	22.00
		25	0	19.97	19.99	19.92	21.00
		25	13	19.82	19.85	19.91	21.00
		25	25	20.12	20.09	19.97	21.00
	50	0	20.03	20.14	20.12	21.00	
	256QAM	1	0	18.19	18.39	18.27	19.00
		1	25	18.22	18.30	18.38	19.00
		1	49	18.22	18.24	18.37	19.00
		25	0	18.29	18.22	18.25	19.00
		25	13	18.19	18.34	18.25	19.00
25		25	18.37	18.32	18.41	19.00	
50	0	18.17	18.22	18.35	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.69	22.75	22.73	24.00
		1	38	22.59	22.70	22.69	24.00
		1	74	22.61	22.64	22.63	24.00
		36	0	21.72	21.99	21.72	23.00
		36	18	21.88	21.66	21.83	23.00
		36	39	21.85	21.73	21.79	23.00
	16QAM	75	0	21.74	21.90	21.77	23.00
		1	0	21.70	21.68	21.86	23.00
		1	38	21.66	21.84	21.59	23.00
		1	74	21.70	21.82	21.72	23.00
		36	0	20.84	20.91	20.84	22.00
		36	18	20.77	20.84	20.80	22.00
	64QAM	36	39	20.77	20.77	21.01	22.00
		75	0	20.81	20.65	20.76	22.00
		1	0	20.72	20.77	20.81	22.00
		1	38	20.52	20.54	20.70	22.00
		1	74	20.64	20.52	20.70	22.00
		36	0	20.00	19.98	19.95	21.00
	256QAM	36	18	19.84	19.86	19.90	21.00
		36	39	20.11	20.06	19.95	21.00
		75	0	20.05	20.15	20.14	21.00
		1	0	18.22	18.29	18.30	19.00
		1	38	18.22	18.22	18.43	19.00
		1	74	18.20	18.23	18.40	19.00
20MHz	QPSK	36	0	18.24	18.28	18.29	19.00
		36	18	18.28	18.23	18.23	19.00
		36	39	18.23	18.39	18.36	19.00
		75	0	18.25	18.24	18.25	19.00
		1	0	22.69	22.82	22.78	24.00
		1	50	22.57	22.69	22.72	24.00
1	99	22.69	22.68	22.64	24.00		
50	0	21.72	21.97	21.75	23.00		
50	25	21.91	21.63	21.82	23.00		
50	50	21.88	21.76	21.82	23.00		



	16QAM	100	0	21.74	21.84	21.80	23.00
		1	0	21.70	21.72	21.87	23.00
		1	50	21.66	21.89	21.64	23.00
		1	99	21.71	21.86	21.81	23.00
		50	0	20.78	20.86	20.82	22.00
		50	25	20.78	20.83	20.77	22.00
		50	50	20.80	20.80	21.00	22.00
	100	0	20.86	20.70	20.76	22.00	
	64QAM	1	0	20.74	20.77	20.84	22.00
		1	50	20.50	20.55	20.64	22.00
		1	99	20.68	20.55	20.76	22.00
		50	0	19.95	19.93	19.96	21.00
		50	25	19.82	19.84	19.90	21.00
		50	50	20.10	20.05	20.00	21.00
	256QAM	100	0	20.04	20.21	20.13	21.00
		1	0	18.17	18.34	18.23	19.00
		1	50	18.30	18.30	18.38	19.00
		1	99	18.20	18.28	18.39	19.00
		50	0	18.30	18.20	18.23	19.00
		50	25	18.21	18.33	18.33	19.00
		50	50	18.29	18.38	18.38	19.00
100	0	18.25	18.22	18.30	19.00		

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	18.34	18.39	18.37	19.50	
		1	2	18.16	18.35	18.29	19.50	
		1	5	18.26	18.33	18.31	19.50	
		3	0	18.37	18.39	18.37	19.50	
		3	2	18.13	18.34	18.33	19.50	
		3	3	18.25	18.30	18.27	19.50	
	16QAM	6	0	18.32	18.39	18.36	19.50	
		1	0	18.13	18.30	18.31	19.50	
		1	2	18.28	18.27	18.25	19.50	
		1	5	18.28	18.37	18.42	19.50	
		3	0	18.10	18.29	18.33	19.50	
		3	2	18.22	18.28	18.25	19.50	
	64QAM	3	3	18.33	18.36	18.39	19.50	
		6	0	18.12	18.27	18.29	19.50	
		1	0	18.24	18.27	18.29	19.50	
		1	2	18.30	18.40	18.36	19.50	
		1	5	18.14	18.33	18.29	19.50	
		3	0	18.22	18.32	18.30	19.50	
	256QAM	3	2	18.34	18.40	18.39	19.50	
		3	3	18.17	18.34	18.29	19.50	
		6	0	18.22	18.31	18.28	19.50	
		1	0	18.22	18.37	18.24	19.00	
		1	2	18.28	18.31	18.33	19.00	
		1	5	18.16	18.32	18.40	19.00	
			3	0	18.34	18.19	18.29	19.00
			3	2	18.29	18.32	18.20	19.00

Bandwidth	Modulation	3	3	18.29	18.37	18.36	19.00	
		6	0	18.27	18.26	18.22	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	18.31	18.37	18.41	19.50	
		1	7	18.14	18.33	18.30	19.50	
		1	14	18.29	18.27	18.33	19.50	
		8	0	18.33	18.38	18.34	19.50	
		8	4	18.17	18.32	18.27	19.50	
		8	7	18.23	18.25	18.33	19.50	
	16QAM	15	0	18.33	18.37	18.38	19.50	
		1	0	18.12	18.30	18.26	19.50	
		1	7	18.30	18.34	18.25	19.50	
		1	14	18.36	18.42	18.34	19.50	
		8	0	18.13	18.32	18.29	19.50	
		8	4	18.24	18.26	18.34	19.50	
	64QAM	8	7	18.30	18.41	18.34	19.50	
		15	0	18.17	18.30	18.30	19.50	
		1	0	18.26	18.33	18.26	19.50	
		1	7	18.33	18.40	18.37	19.50	
		1	14	18.14	18.26	18.27	19.50	
		8	0	18.23	18.29	18.31	19.50	
	256QAM	8	4	18.32	18.43	18.37	19.50	
		8	7	18.11	18.29	18.29	19.50	
		15	0	18.27	18.34	18.26	19.50	
		1	0	18.18	18.31	18.35	19.00	
		1	7	18.31	18.25	18.35	19.00	
		1	14	18.25	18.23	18.38	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	8	0	18.26	18.30	18.30	19.50
			1	0	18.35	18.44	18.35	19.50
			1	13	18.13	18.26	18.30	19.50
			1	24	18.28	18.32	18.28	19.50
12			0	18.31	18.40	18.39	19.50	
12			6	18.14	18.27	18.29	19.50	
16QAM		12	13	18.25	18.29	18.30	19.50	
		25	0	18.28	18.43	18.41	19.50	
		1	0	18.16	18.28	18.28	19.50	
		1	13	18.24	18.27	18.27	19.50	
		1	24	18.35	18.37	18.34	19.50	
		12	0	18.15	18.33	18.27	19.50	
64QAM		12	6	18.29	18.31	18.31	19.50	
		12	13	18.31	18.38	18.38	19.50	
		25	0	18.16	18.27	18.30	19.50	
		1	0	18.27	18.30	18.34	19.50	
		1	13	18.33	18.38	18.39	19.50	
		1	24	18.12	18.30	18.26	19.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
5MHz		QPSK	12	0	18.23	18.26	18.33	19.50
			12	6	18.34	18.37	18.41	19.50

	256QAM	12	13	18.14	18.35	18.30	19.50
		25	0	18.23	18.27	18.25	19.50
		1	0	18.28	18.36	18.31	19.00
		1	13	18.26	18.21	18.37	19.00
		1	24	18.26	18.34	18.36	19.00
		12	0	18.29	18.24	18.27	19.00
		12	6	18.21	18.26	18.25	19.00
		12	13	18.34	18.33	18.34	19.00
		25	0	18.23	18.23	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	18.34	18.41	18.41	19.50
		1	25	18.14	18.32	18.28	19.50
		1	49	18.25	18.31	18.32	19.50
		25	0	18.30	18.42	18.42	19.50
		25	13	18.15	18.34	18.28	19.50
		25	25	18.26	18.25	18.28	19.50
		50	0	18.36	18.38	18.36	19.50
	16QAM	1	0	18.16	18.33	18.29	19.50
		1	25	18.24	18.27	18.33	19.50
		1	49	18.31	18.35	18.42	19.50
		25	0	18.10	18.35	18.29	19.50
		25	13	18.23	18.26	18.25	19.50
		25	25	18.28	18.41	18.34	19.50
		50	0	18.19	18.31	18.29	19.50
	64QAM	1	0	18.23	18.30	18.29	19.50
		1	25	18.31	18.41	18.41	19.50
		1	49	18.17	18.26	18.31	19.50
		25	0	18.26	18.31	18.33	19.50
		25	13	18.32	18.39	18.33	19.50
		25	25	18.18	18.29	18.30	19.50
		50	0	18.28	18.27	18.34	19.50
	256QAM	1	0	18.19	18.39	18.27	19.00
		1	25	18.22	18.30	18.38	19.00
		1	49	18.22	18.24	18.37	19.00
25		0	18.29	18.22	18.25	19.00	
25		13	18.19	18.34	18.25	19.00	
25		25	18.37	18.32	18.41	19.00	
50		0	18.17	18.22	18.35	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	18.34	18.40	18.39	19.50
		1	38	18.15	18.29	18.26	19.50
		1	74	18.25	18.31	18.31	19.50
		36	0	18.34	18.42	18.39	19.50
		36	18	18.18	18.34	18.27	19.50
		36	39	18.25	18.33	18.32	19.50
		75	0	18.31	18.35	18.36	19.50
	16QAM	1	0	18.17	18.32	18.34	19.50
		1	38	18.24	18.31	18.31	19.50
		1	74	18.32	18.38	18.40	19.50
		36	0	18.17	18.30	18.28	19.50
		36	18	18.27	18.31	18.32	19.50
		36	39	18.35	18.35	18.41	19.50

	64QAM	75	0	18.12	18.28	18.29	19.50
		1	0	18.26	18.33	18.33	19.50
		1	38	18.34	18.37	18.34	19.50
		1	74	18.18	18.31	18.29	19.50
		36	0	18.29	18.32	18.26	19.50
		36	18	18.31	18.40	18.33	19.50
		36	39	18.15	18.30	18.27	19.50
	256QAM	75	0	18.25	18.28	18.32	19.50
		1	0	18.22	18.29	18.30	19.00
		1	38	18.22	18.22	18.43	19.00
		1	74	18.20	18.23	18.40	19.00
		36	0	18.24	18.28	18.29	19.00
		36	18	18.28	18.23	18.23	19.00
		36	39	18.23	18.39	18.36	19.00
		75	0	18.25	18.24	18.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	18.32	18.46	18.36	19.50
		1	50	18.18	18.31	18.30	19.50
		1	99	18.23	18.26	18.26	19.50
		50	0	18.30	18.40	18.37	19.50
		50	25	18.17	18.33	18.29	19.50
		50	50	18.28	18.25	18.25	19.50
		100	0	18.34	18.36	18.32	19.50
	16QAM	1	0	18.11	18.30	18.30	19.50
		1	50	18.29	18.32	18.26	19.50
		1	99	18.34	18.38	18.40	19.50
		50	0	18.19	18.32	18.30	19.50
		50	25	18.28	18.26	18.26	19.50
		50	50	18.30	18.43	18.41	19.50
		100	0	18.11	18.35	18.33	19.50
	64QAM	1	0	18.25	18.29	18.33	19.50
		1	50	18.30	18.41	18.41	19.50
		1	99	18.15	18.33	18.33	19.50
		50	0	18.23	18.32	18.27	19.50
		50	25	18.32	18.39	18.34	19.50
		50	50	18.15	18.28	18.27	19.50
		100	0	18.29	18.29	18.27	19.50
	256QAM	1	0	18.17	18.34	18.23	19.00
		1	50	18.30	18.30	18.38	19.00
		1	99	18.20	18.28	18.39	19.00
		50	0	18.30	18.20	18.23	19.00
		50	25	18.21	18.33	18.33	19.00
		50	50	18.29	18.38	18.38	19.00
		100	0	18.25	18.22	18.30	19.00

LTE Band 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	20407	20525	20643	25.50
				24.24	24.26	24.24	

		1	2	24.07	24.18	24.20	25.50	
		1	5	24.16	24.12	24.11	25.50	
		3	0	23.16	23.46	23.23	24.50	
		3	2	23.40	23.11	23.39	24.50	
		3	3	23.36	23.22	23.25	24.50	
		6	0	23.26	23.35	23.25	24.50	
	16QAM	1	0	23.26	23.21	23.28	24.50	
		1	2	23.14	23.40	23.12	24.50	
		1	5	23.20	23.34	23.26	24.50	
		3	0	22.35	22.37	22.29	23.50	
		3	2	22.35	22.30	22.29	23.50	
		3	3	22.25	22.29	22.49	23.50	
	64QAM	6	0	22.33	22.21	22.28	23.50	
		1	0	22.25	22.19	22.36	23.50	
		1	2	22.00	22.01	22.19	23.50	
		1	5	22.19	22.08	22.22	23.50	
		3	0	22.27	22.18	22.38	23.50	
		3	2	22.05	22.06	22.15	23.50	
	256QAM	3	3	22.12	22.04	22.23	23.50	
		6	0	21.53	21.65	21.65	22.50	
		1	0	19.63	19.75	19.78	20.50	
		1	2	19.83	19.88	19.82	20.50	
		1	5	19.73	19.73	19.86	20.50	
		3	0	19.66	19.85	19.61	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20415	20525	20635	
	3MHz	QPSK	1	0	24.17	24.26	24.22	25.50
			1	7	24.12	24.18	24.23	25.50
1			14	24.11	24.13	24.18	25.50	
8			0	23.16	23.46	23.24	24.50	
8			4	23.38	23.17	23.32	24.50	
8			7	23.33	23.20	23.30	24.50	
16QAM		15	0	23.26	23.40	23.28	24.50	
		1	0	23.20	23.22	23.35	24.50	
		1	7	23.19	23.33	23.11	24.50	
		1	14	23.26	23.33	23.30	24.50	
		8	0	22.33	22.44	22.28	23.50	
		8	4	22.27	22.33	22.34	23.50	
64QAM		8	7	22.30	22.34	22.52	23.50	
		15	0	22.34	22.14	22.24	23.50	
		1	0	22.20	22.20	22.33	23.50	
		1	7	21.99	22.04	22.19	23.50	
		1	14	22.18	22.07	22.23	23.50	
		8	0	21.43	21.51	21.45	22.50	
256QAM		8	4	21.37	21.36	21.39	22.50	
		8	7	21.60	21.52	21.52	22.50	
		15	0	21.52	21.65	21.61	22.50	
		1	0	19.72	19.67	19.69	20.50	
		1	7	19.79	19.82	19.86	20.50	
		1	14	19.73	19.61	19.84	20.50	
			8	0	19.69	19.78	19.62	20.50

Bandwidth	Modulation	8	4	19.72	19.76	19.64	20.50	
		8	7	19.68	19.81	19.89	20.50	
		15	0	19.66	19.74	19.77	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	24.15	24.24	24.27	25.50	
		1	13	24.07	24.20	24.24	25.50	
		1	24	24.17	24.13	24.13	25.50	
		12	0	23.21	23.44	23.23	24.50	
		12	6	23.42	23.18	23.32	24.50	
		12	13	23.34	23.23	23.30	24.50	
	16QAM	25	0	23.20	23.41	23.30	24.50	
		1	0	23.17	23.20	23.30	24.50	
		1	13	23.15	23.38	23.14	24.50	
		1	24	23.27	23.39	23.26	24.50	
		12	0	22.30	22.45	22.27	23.50	
		12	6	22.29	22.28	22.30	23.50	
	64QAM	12	13	22.31	22.27	22.44	23.50	
		25	0	22.36	22.14	22.24	23.50	
		1	0	22.22	22.20	22.39	23.50	
		1	13	22.03	22.05	22.21	23.50	
		1	24	22.10	22.05	22.23	23.50	
		12	0	21.46	21.46	21.46	22.50	
	256QAM	12	6	21.40	21.36	21.39	22.50	
		12	13	21.60	21.57	21.53	22.50	
		25	0	21.54	21.66	21.64	22.50	
		1	0	19.70	19.73	19.77	20.50	
		1	13	19.82	19.83	19.90	20.50	
		1	24	19.68	19.59	19.78	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
	10MHz	QPSK	1	0	24.20	24.29	24.28	25.50
			1	25	24.09	24.19	24.24	25.50
1			49	24.12	24.18	24.12	25.50	
25			0	23.21	23.43	23.24	24.50	
25			13	23.43	23.16	23.37	24.50	
25			25	23.39	23.23	23.33	24.50	
16QAM		50	0	23.24	23.38	23.30	24.50	
		1	0	23.20	23.15	23.29	24.50	
		1	25	23.12	23.40	23.13	24.50	
		1	49	23.29	23.31	23.23	24.50	
		25	0	22.32	22.43	22.30	23.50	
		25	13	22.36	22.31	22.34	23.50	
64QAM		25	25	22.28	22.27	22.47	23.50	
		50	0	22.39	22.16	22.22	23.50	
		1	0	22.27	22.22	22.33	23.50	
		1	25	22.03	22.09	22.18	23.50	
		1	49	22.12	22.11	22.22	23.50	
		25	0	21.42	21.45	21.46	22.50	
		25	13	21.40	21.39	21.40	22.50	

		25	25	21.61	21.54	21.50	22.50
		50	0	21.56	21.71	21.67	22.50
	256QAM	1	0	19.72	19.67	19.68	20.50
		1	25	19.76	19.79	19.83	20.50
		1	49	19.66	19.72	19.76	20.50
		25	0	19.60	19.83	19.64	20.50
		25	13	19.69	19.74	19.77	20.50
		25	25	19.59	19.80	19.81	20.50
		50	0	19.56	19.64	19.70	20.50

LTE Band 5 Receiver on & Sensor on & Hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	22.79	22.91	22.87	24.00	
		1	2	22.65	22.82	22.82	24.00	
		1	5	22.76	22.81	22.74	24.00	
		3	0	22.83	22.88	22.84	24.00	
		3	2	22.70	22.78	22.84	24.00	
		3	3	22.81	22.80	22.77	24.00	
	16QAM	6	0	22.79	22.92	22.90	24.00	
		1	0	22.79	22.94	22.87	24.00	
		1	2	22.62	22.86	22.88	24.00	
		1	5	22.81	22.79	22.74	24.00	
		3	0	22.36	22.43	22.29	23.50	
		3	2	22.35	22.33	22.35	23.50	
	64QAM	3	3	22.25	22.23	22.47	23.50	
		6	0	22.41	22.17	22.27	23.50	
		1	0	22.29	22.19	22.32	23.50	
		1	2	22.01	22.12	22.16	23.50	
		1	5	22.09	22.09	22.26	23.50	
		3	0	22.30	22.24	22.37	23.50	
	256QAM	3	2	22.08	22.06	22.22	23.50	
		3	3	22.14	22.09	22.27	23.50	
		6	0	21.54	21.75	21.72	22.50	
		1	0	19.63	19.75	19.78	20.50	
		1	2	19.83	19.88	19.82	20.50	
		1	5	19.73	19.73	19.86	20.50	
	3MHz	QPSK	3	0	19.66	19.85	19.61	20.50
			3	2	19.80	19.85	19.67	20.50
			3	3	19.68	19.76	19.88	20.50
			6	0	19.66	19.60	19.66	20.50
			1	0	22.86	22.94	22.91	24.00
			1	7	22.69	22.82	22.81	24.00
1			14	22.74	22.77	22.72	24.00	
8	0	22.85	22.86	22.86	24.00			
8	4	22.63	22.85	22.84	24.00			
8	7	22.80	22.81	22.75	24.00			
15	0	22.86	22.86	22.85	24.00			

	16QAM	1	0	22.84	22.90	22.88	24.00	
		1	7	22.64	22.77	22.88	24.00	
		1	14	22.82	22.80	22.79	24.00	
		8	0	22.32	22.40	22.27	23.50	
		8	4	22.39	22.35	22.37	23.50	
		8	7	22.31	22.31	22.51	23.50	
	64QAM	15	0	22.40	22.13	22.20	23.50	
		1	0	22.25	22.26	22.37	23.50	
		1	7	22.02	22.13	22.16	23.50	
		1	14	22.10	22.11	22.25	23.50	
		8	0	21.38	21.48	21.45	22.50	
		8	4	21.45	21.36	21.40	22.50	
	256QAM	8	7	21.65	21.59	21.51	22.50	
		15	0	21.52	21.74	21.63	22.50	
		1	0	19.72	19.67	19.69	20.50	
		1	7	19.79	19.82	19.86	20.50	
		1	14	19.73	19.61	19.84	20.50	
		8	0	19.69	19.78	19.62	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20425	20525	20625	
	5MHz	QPSK	1	0	22.87	22.87	22.90	24.00
1			13	22.64	22.83	22.88	24.00	
1			24	22.74	22.79	22.73	24.00	
12			0	22.79	22.88	22.85	24.00	
12			6	22.67	22.85	22.86	24.00	
12			13	22.76	22.74	22.73	24.00	
25			0	22.83	22.83	22.84	24.00	
16QAM		1	0	22.83	22.83	22.84	24.00	
		1	13	22.67	22.79	22.81	24.00	
		1	24	22.80	22.80	22.79	24.00	
		12	0	22.33	22.48	22.30	23.50	
		12	6	22.41	22.28	22.35	23.50	
		12	13	22.32	22.31	22.48	23.50	
64QAM		25	0	22.35	22.17	22.26	23.50	
		1	0	22.25	22.25	22.33	23.50	
		1	13	22.06	22.09	22.16	23.50	
		1	24	22.17	22.12	22.22	23.50	
		12	0	21.45	21.47	21.47	22.50	
		12	6	21.38	21.35	21.39	22.50	
256QAM		12	13	21.61	21.51	21.54	22.50	
		25	0	21.53	21.76	21.63	22.50	
	1	0	19.70	19.73	19.77	20.50		
	1	13	19.82	19.83	19.90	20.50		
	1	24	19.68	19.59	19.78	20.50		
	12	0	19.68	19.78	19.57	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20450	20525	20600		
10MHz	QPSK	1	0	22.86	22.97	22.91	24.00	



		1	25	22.70	22.78	22.81	24.00
		1	49	22.78	22.73	22.75	24.00
		25	0	22.79	22.95	22.88	24.00
		25	13	22.63	22.85	22.82	24.00
		25	25	22.80	22.79	22.75	24.00
		50	0	22.86	22.92	22.90	24.00
	16QAM	1	0	22.78	22.93	22.88	24.00
		1	25	22.69	22.84	22.87	24.00
		1	49	22.78	22.80	22.81	24.00
		25	0	22.35	22.45	22.32	23.50
		25	13	22.36	22.30	22.36	23.50
		25	25	22.31	22.29	22.50	23.50
	64QAM	50	0	22.41	22.19	22.25	23.50
		1	0	22.23	22.22	22.32	23.50
		1	25	22.05	22.07	22.19	23.50
		1	49	22.10	22.10	22.26	23.50
		25	0	21.40	21.41	21.46	22.50
		25	13	21.44	21.41	21.38	22.50
	256QAM	25	25	21.57	21.57	21.46	22.50
		50	0	21.55	21.73	21.70	22.50
		1	0	19.72	19.67	19.68	20.50
		1	25	19.76	19.79	19.83	20.50
		1	49	19.66	19.72	19.76	20.50
		25	0	19.60	19.83	19.64	20.50
		25	13	19.69	19.74	19.77	20.50
		25	25	19.59	19.80	19.81	20.50
		50	0	19.56	19.64	19.70	20.50

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.64	22.71	22.71	24.00
		1	13	22.61	22.68	22.68	24.00
		1	24	22.53	22.65	22.57	24.00
		12	0	21.61	21.97	21.79	23.00
		12	6	21.94	21.59	21.81	23.00
		12	13	21.81	21.72	21.75	23.00
		25	0	21.68	21.85	21.70	23.00
	16QAM	1	0	21.69	21.62	21.78	23.00
		1	13	21.63	21.86	21.57	23.00
		1	24	21.65	21.77	21.79	23.00
		12	0	20.75	20.86	20.79	22.00
		12	6	20.75	20.80	20.74	22.00
		12	13	20.77	20.80	20.96	22.00
		25	0	20.78	20.67	20.64	22.00
	64QAM	1	0	20.65	20.71	20.86	22.00
		1	13	20.45	20.54	20.63	22.00
		1	24	20.52	20.54	20.69	22.00
		12	0	19.96	19.90	19.86	21.00
		12	6	19.85	19.85	19.79	21.00
		12	13	20.11	20.01	19.96	21.00

		25	0	20.04	20.13	20.03	21.00
	256QAM	1	0	17.42	17.68	17.55	19.00
		1	13	17.53	17.43	17.66	19.00
		1	24	17.45	17.51	17.75	19.00
		12	0	17.57	17.49	17.47	19.00
		12	6	17.52	17.56	17.55	19.00
		12	13	17.56	17.46	17.59	19.00
		25	0	17.39	17.50	17.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.69	22.67	22.69	24.00
		1	25	22.64	22.67	22.63	24.00
		1	49	22.58	22.61	22.58	24.00
		25	0	21.68	21.98	21.73	23.00
		25	13	21.92	21.66	21.80	23.00
		25	25	21.83	21.75	21.74	23.00
		50	0	21.74	21.81	21.70	23.00
	16QAM	1	0	21.60	21.63	21.79	23.00
		1	25	21.58	21.84	21.58	23.00
		1	49	21.67	21.82	21.75	23.00
		25	0	20.80	20.89	20.76	22.00
		25	13	20.77	20.80	20.74	22.00
		25	25	20.81	20.72	20.91	22.00
		50	0	20.77	20.61	20.69	22.00
	64QAM	1	0	20.72	20.64	20.82	22.00
		1	25	20.40	20.54	20.63	22.00
		1	49	20.58	20.54	20.61	22.00
		25	0	19.91	19.91	19.85	21.00
		25	13	19.85	19.81	19.80	21.00
		25	25	20.07	20.01	19.99	21.00
		50	0	20.07	20.16	20.11	21.00
	256QAM	1	0	17.49	17.63	17.51	19.00
		1	25	17.40	17.43	17.66	19.00
		1	49	17.54	17.38	17.64	19.00
		25	0	17.46	17.44	17.57	19.00
		25	13	17.41	17.50	17.50	19.00
		25	25	17.60	17.58	17.56	19.00
		50	0	17.50	17.53	17.51	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.71	22.73	22.72	24.00
		1	38	22.61	22.61	22.66	24.00
		1	74	22.61	22.67	22.63	24.00
		36	0	21.64	21.92	21.75	23.00
		36	18	21.93	21.59	21.86	23.00
		36	39	21.83	21.71	21.78	23.00
		75	0	21.73	21.82	21.70	23.00
	16QAM	1	0	21.65	21.69	21.81	23.00
		1	38	21.63	21.84	21.57	23.00
		1	74	21.61	21.77	21.74	23.00
		36	0	20.76	20.90	20.81	22.00
		36	18	20.76	20.75	20.72	22.00
		36	39	20.77	20.72	20.98	22.00

	64QAM	75	0	20.74	20.68	20.69	22.00
		1	0	20.72	20.65	20.82	22.00
		1	38	20.42	20.50	20.66	22.00
		1	74	20.59	20.55	20.69	22.00
		36	0	19.96	19.86	19.92	21.00
		36	18	19.83	19.80	19.81	21.00
		36	39	20.08	20.01	19.96	21.00
	256QAM	75	0	20.09	20.19	20.08	21.00
		1	0	17.46	17.66	17.52	19.00
		1	38	17.51	17.34	17.58	19.00
		1	74	17.48	17.42	17.70	19.00
		36	0	17.46	17.48	17.56	19.00
		36	18	17.42	17.50	17.54	19.00
		36	39	17.64	17.50	17.57	19.00
		75	0	17.49	17.61	17.42	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	22.68	22.78	22.72	24.00
		1	50	22.56	22.60	22.68	24.00
		1	99	22.59	22.67	22.59	24.00
		50	0	21.63	21.96	21.76	23.00
		50	25	21.94	21.59	21.78	23.00
		50	50	21.81	21.67	21.74	23.00
		100	0	21.69	21.78	21.73	23.00
	16QAM	1	0	21.61	21.66	21.77	23.00
		1	50	21.62	21.85	21.53	23.00
		1	99	21.66	21.78	21.72	23.00
		50	0	20.75	20.90	20.78	22.00
		50	25	20.72	20.80	20.79	22.00
		50	50	20.77	20.73	20.94	22.00
		100	0	20.83	20.65	20.70	22.00
	64QAM	1	0	20.72	20.65	20.81	22.00
		1	50	20.45	20.50	20.70	22.00
		1	99	20.55	20.51	20.69	22.00
		50	0	19.94	19.85	19.86	21.00
		50	25	19.82	19.82	19.81	21.00
		50	50	20.10	19.97	19.98	21.00
		100	0	20.01	20.19	20.06	21.00
	256QAM	1	0	17.56	17.61	17.53	19.00
		1	50	17.45	17.43	17.70	19.00
		1	99	17.41	17.40	17.67	19.00
		50	0	17.58	17.48	17.48	19.00
		50	25	17.53	17.51	17.47	19.00
		50	50	17.54	17.58	17.59	19.00
		100	0	17.47	17.60	17.49	19.00

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	17.73	17.77	17.79	19.00
		1	13	17.72	17.82	17.83	19.00
		1	24	17.63	17.79	17.76	19.00
		12	0	17.73	17.83	17.86	19.00
		12	6	17.73	17.76	17.87	19.00
		12	13	17.58	17.76	17.74	19.00
	16QAM	25	0	17.71	17.79	17.78	19.00
		1	0	17.71	17.74	17.84	19.00
		1	13	17.59	17.79	17.76	19.00
		1	24	17.70	17.84	17.78	19.00
		12	0	17.74	17.81	17.82	19.00
		12	6	17.60	17.75	17.71	19.00
	64QAM	12	13	17.70	17.81	17.85	19.00
		25	0	17.75	17.74	17.86	19.00
		1	0	17.59	17.75	17.75	19.00
		1	13	17.70	17.81	17.84	19.00
		1	24	17.77	17.77	17.80	19.00
		12	0	17.62	17.78	17.75	19.00
	256QAM	12	6	17.72	17.84	17.81	19.00
		12	13	17.75	17.75	17.80	19.00
		25	0	17.58	17.73	17.74	19.00
		1	0	17.42	17.68	17.55	19.00
		1	13	17.53	17.43	17.66	19.00
		1	24	17.45	17.51	17.75	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.66	17.78	17.81	19.00
		1	25	17.79	17.78	17.80	19.00
		1	49	17.56	17.72	17.72	19.00
		25	0	17.72	17.78	17.81	19.00
		25	13	17.76	17.78	17.82	19.00
		25	25	17.64	17.80	17.73	19.00
	16QAM	50	0	17.68	17.84	17.79	19.00
		1	0	17.75	17.75	17.83	19.00
		1	25	17.64	17.74	17.68	19.00
		1	49	17.70	17.76	17.80	19.00
		25	0	17.78	17.79	17.79	19.00
		25	13	17.63	17.79	17.70	19.00
	64QAM	25	25	17.71	17.79	17.84	19.00
		50	0	17.72	17.79	17.85	19.00
		1	0	17.59	17.73	17.75	19.00
		1	25	17.71	17.79	17.83	19.00
		1	49	17.78	17.75	17.86	19.00
		25	0	17.63	17.80	17.71	19.00
	256QAM	25	13	17.71	17.76	17.83	19.00
		25	25	17.75	17.75	17.86	19.00
		50	0	17.63	17.75	17.69	19.00
		1	0	17.49	17.63	17.51	19.00
		1	25	17.40	17.43	17.66	19.00
		1	49	17.54	17.38	17.64	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	25	0	17.46	17.44	17.57	19.00
		25	13	17.41	17.50	17.50	19.00
		25	25	17.60	17.58	17.56	19.00
		50	0	17.50	17.53	17.51	19.00
		1	0	17.74	17.84	17.84	19.00
		1	38	17.79	17.76	17.79	19.00
		1	74	17.60	17.80	17.73	19.00
	16QAM	36	0	17.73	17.80	17.79	19.00
		36	18	17.76	17.73	17.81	19.00
		36	39	17.61	17.74	17.75	19.00
		75	0	17.67	17.77	17.80	19.00
		1	0	17.72	17.74	17.81	19.00
		1	38	17.61	17.74	17.67	19.00
		1	74	17.71	17.79	17.81	19.00
	64QAM	36	0	17.75	17.80	17.79	19.00
		36	18	17.62	17.79	17.68	19.00
		36	39	17.69	17.81	17.82	19.00
		75	0	17.71	17.74	17.80	19.00
		1	0	17.59	17.76	17.75	19.00
		1	38	17.74	17.83	17.80	19.00
1		74	17.76	17.79	17.78	19.00	
256QAM	36	0	17.62	17.73	17.76	19.00	
	36	18	17.70	17.76	17.84	19.00	
	36	39	17.70	17.80	17.80	19.00	
	75	0	17.62	17.76	17.73	19.00	
	1	0	17.46	17.66	17.52	19.00	
	1	38	17.51	17.34	17.58	19.00	
	1	74	17.48	17.42	17.70	19.00	
20MHz	QPSK	36	0	17.46	17.48	17.56	19.00
		36	18	17.42	17.50	17.54	19.00
		36	39	17.64	17.50	17.57	19.00
		75	0	17.49	17.61	17.42	19.00
		1	0	17.75	17.89	17.82	19.00
		1	50	17.70	17.81	17.80	19.00
		1	99	17.64	17.79	17.69	19.00
	16QAM	50	0	17.70	17.84	17.81	19.00
		50	25	17.77	17.74	17.82	19.00
		50	50	17.62	17.73	17.74	19.00
		100	0	17.68	17.87	17.84	19.00
		1	0	17.72	17.75	17.78	19.00
		1	50	17.59	17.80	17.75	19.00
		1	99	17.66	17.79	17.82	19.00
	64QAM	50	0	17.73	17.78	17.83	19.00
		50	25	17.63	17.75	17.68	19.00
		50	50	17.66	17.78	17.80	19.00
		100	0	17.76	17.81	17.80	19.00
		1	0	17.62	17.78	17.73	19.00
		1	50	17.71	17.82	17.85	19.00
20MHz	64QAM	1	99	17.73	17.79	17.78	19.00
		50	0	17.61	17.72	17.71	19.00

		50	25	17.72	17.81	17.82	19.00	
		50	50	17.77	17.79	17.84	19.00	
		100	0	17.58	17.73	17.72	19.00	
	256QAM		1	0	17.56	17.61	17.53	19.00
			1	50	17.45	17.43	17.70	19.00
			1	99	17.41	17.40	17.67	19.00
			50	0	17.58	17.48	17.48	19.00
			50	25	17.53	17.51	17.47	19.00
			50	50	17.54	17.58	17.59	19.00
		100	0	17.47	17.60	17.49	19.00	

LTE Band 7 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	18.14	18.22	18.20	19.50	
		1	13	18.14	18.16	18.20	19.50	
		1	24	17.99	18.15	18.10	19.50	
		12	0	18.15	18.16	18.24	19.50	
		12	6	18.18	18.15	18.24	19.50	
		12	13	17.99	18.16	18.07	19.50	
		25	0	18.10	18.22	18.26	19.50	
	16QAM		1	0	18.11	18.19	18.20	19.50
			1	13	17.99	18.18	18.11	19.50
			1	24	18.15	18.19	18.22	19.50
			12	0	18.13	18.15	18.24	19.50
			12	6	17.97	18.20	18.07	19.50
			12	13	18.12	18.17	18.19	19.50
			25	0	18.18	18.14	18.27	19.50
	64QAM		1	0	18.01	18.13	18.08	19.50
			1	13	18.07	18.18	18.18	19.50
			1	24	18.13	18.20	18.23	19.50
			12	0	18.02	18.15	18.15	19.50
			12	6	18.06	18.21	18.21	19.50
			12	13	18.15	18.17	18.22	19.50
			25	0	18.02	18.12	18.11	19.50
	256QAM		1	0	17.42	17.68	17.55	19.00
			1	13	17.53	17.43	17.66	19.00
			1	24	17.45	17.51	17.75	19.00
			12	0	17.57	17.49	17.47	19.00
			12	6	17.52	17.56	17.55	19.00
			12	13	17.56	17.46	17.59	19.00
			25	0	17.39	17.50	17.38	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK			20800	21100	21400	
1			0	18.11	18.19	18.18	19.50	
1			25	18.12	18.18	18.27	19.50	
1			49	18.03	18.12	18.16	19.50	
25			0	18.11	18.22	18.24	19.50	
25			13	18.19	18.21	18.25	19.50	
25			25	18.02	18.20	18.09	19.50	



	16QAM	50	0	18.10	18.20	18.18	19.50
		1	0	18.13	18.18	18.25	19.50
		1	25	18.02	18.19	18.10	19.50
		1	49	18.09	18.17	18.24	19.50
		25	0	18.19	18.18	18.23	19.50
		25	13	18.03	18.13	18.16	19.50
		25	25	18.13	18.21	18.20	19.50
	64QAM	50	0	18.19	18.21	18.19	19.50
		1	0	18.03	18.16	18.07	19.50
		1	25	18.08	18.17	18.21	19.50
		1	49	18.18	18.15	18.22	19.50
		25	0	17.97	18.19	18.11	19.50
		25	13	18.12	18.22	18.25	19.50
	256QAM	25	25	18.11	18.19	18.21	19.50
		50	0	17.99	18.19	18.12	19.50
		1	0	17.49	17.63	17.51	19.00
		1	25	17.40	17.43	17.66	19.00
		1	49	17.54	17.38	17.64	19.00
		25	0	17.46	17.44	17.57	19.00
		25	13	17.41	17.50	17.50	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20825					21100	21375	
15MHz	QPSK	1	0	18.14	18.25	18.20	19.50
		1	38	18.12	18.16	18.26	19.50
		1	74	18.05	18.11	18.08	19.50
		36	0	18.12	18.17	18.23	19.50
		36	18	18.15	18.16	18.18	19.50
		36	39	17.97	18.14	18.08	19.50
		75	0	18.15	18.24	18.17	19.50
	16QAM	1	0	18.13	18.21	18.24	19.50
		1	38	18.01	18.16	18.13	19.50
		1	74	18.09	18.24	18.19	19.50
		36	0	18.14	18.19	18.25	19.50
		36	18	17.96	18.19	18.12	19.50
		36	39	18.09	18.19	18.24	19.50
	64QAM	75	0	18.17	18.16	18.19	19.50
		1	0	17.97	18.20	18.09	19.50
		1	38	18.08	18.20	18.20	19.50
		1	74	18.13	18.17	18.19	19.50
		36	0	18.00	18.12	18.12	19.50
		36	18	18.09	18.18	18.22	19.50
		36	39	18.12	18.13	18.21	19.50
	256QAM	75	0	17.99	18.12	18.09	19.50
1		0	17.46	17.66	17.52	19.00	
1		38	17.51	17.34	17.58	19.00	
1		74	17.48	17.42	17.70	19.00	
36		0	17.46	17.48	17.56	19.00	
36		18	17.42	17.50	17.54	19.00	
36		39	17.64	17.50	17.57	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

<b>20MHz</b>	<b>QPSK</b>	1	0	18.12	18.34	18.18	19.50
		1	50	18.12	18.19	18.27	19.50
		1	99	18.00	18.16	18.07	19.50
		50	0	18.13	18.22	18.18	19.50
		50	25	18.17	18.14	18.21	19.50
		50	50	18.03	18.15	18.15	19.50
		100	0	18.15	18.16	18.24	19.50
	<b>16QAM</b>	1	0	18.19	18.21	18.25	19.50
		1	50	18.02	18.19	18.10	19.50
		1	99	18.07	18.16	18.21	19.50
		50	0	18.18	18.20	18.22	19.50
		50	25	18.02	18.13	18.10	19.50
		50	50	18.08	18.24	18.21	19.50
		100	0	18.13	18.18	18.23	19.50
	<b>64QAM</b>	1	0	18.03	18.13	18.09	19.50
		1	50	18.10	18.18	18.18	19.50
		1	99	18.13	18.18	18.19	19.50
		50	0	18.00	18.15	18.14	19.50
		50	25	18.09	18.17	18.25	19.50
		50	50	18.15	18.17	18.26	19.50
		100	0	18.00	18.17	18.14	19.50
	<b>256QAM</b>	1	0	17.56	17.61	17.53	19.00
		1	50	17.45	17.43	17.70	19.00
		1	99	17.41	17.40	17.67	19.00
		50	0	17.58	17.48	17.48	19.00
		50	25	17.53	17.51	17.47	19.00
		50	50	17.54	17.58	17.59	19.00
		100	0	17.47	17.60	17.49	19.00

<b>LTE Band 66</b>				<b>Conducted Power(dBm)</b>			
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131979	132322	132665	
<b>1.4MHz</b>	<b>QPSK</b>	1	0	22.76	22.86	22.83	24.50
		1	2	22.67	22.81	22.83	24.50
		1	5	22.70	22.80	22.77	24.50
		3	0	21.82	22.07	21.86	23.50
		3	2	22.02	21.72	21.92	23.50
		3	3	21.98	21.86	21.93	23.50
	<b>16QAM</b>	6	0	21.85	21.95	21.87	23.50
		1	0	21.84	21.77	21.89	23.50
		1	2	21.81	21.99	21.74	23.50
		1	5	21.82	21.91	21.90	23.50
		3	0	20.88	21.03	20.88	22.50
		3	2	20.95	20.91	20.91	22.50
		3	3	20.88	20.89	21.08	22.50
		6	0	20.93	20.75	20.84	22.50
		1	0	20.80	20.78	20.91	22.50
	<b>64QAM</b>	1	2	20.58	20.66	20.74	22.50
		1	5	20.75	20.69	20.82	22.50
		3	0	20.90	20.89	21.12	22.50
		3	2	20.93	20.75	20.83	22.50
		3	3	20.86	20.80	20.96	22.50
		6	0	20.12	20.27	20.24	21.50



		1	0	18.77	18.77	18.79	19.50
		1	2	18.80	18.69	18.92	19.50
		1	5	18.75	18.76	18.86	19.50
		3	0	18.82	18.70	18.78	19.50
		3	2	18.80	18.72	18.71	19.50
		3	3	18.85	18.85	18.91	19.50
		6	0	18.77	18.84	18.74	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131987	132322	132657	
<b>3MHz</b>	<b>QPSK</b>	1	0	22.81	22.82	22.86	24.50
		1	7	22.68	22.73	22.83	24.50
		1	14	22.70	22.77	22.73	24.50
		8	0	21.74	22.05	21.91	23.50
		8	4	22.05	21.77	21.93	23.50
		8	7	22.00	21.80	21.91	23.50
		15	0	21.82	21.99	21.84	23.50
	<b>16QAM</b>	1	0	21.81	21.79	21.93	23.50
		1	7	21.72	21.94	21.69	23.50
		1	14	21.81	21.97	21.89	23.50
		8	0	20.93	20.97	20.91	22.50
		8	4	20.89	20.93	20.89	22.50
		8	7	20.86	20.89	21.06	22.50
		15	0	20.92	20.77	20.82	22.50
	<b>64QAM</b>	1	0	20.88	20.84	20.95	22.50
		1	7	20.59	20.69	20.79	22.50
		1	14	20.75	20.69	20.77	22.50
		8	0	20.09	20.06	20.00	21.50
		8	4	19.93	19.98	20.03	21.50
		8	7	20.17	20.19	20.11	21.50
		15	0	20.19	20.26	20.22	21.50
	<b>256QAM</b>	1	0	18.75	18.79	18.79	19.50
		1	7	18.73	18.71	18.87	19.50
		1	14	18.72	18.73	18.83	19.50
8		0	18.73	18.71	18.86	19.50	
8		4	18.76	18.75	18.72	19.50	
8		7	18.83	18.83	18.83	19.50	
15		0	18.67	18.79	18.79	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				131997	132322	132647	
<b>5MHz</b>	<b>QPSK</b>	1	0	22.83	22.85	22.80	24.50
		1	13	22.69	22.74	22.83	24.50
		1	24	22.70	22.71	22.78	24.50
		12	0	21.83	22.02	21.87	23.50
		12	6	22.06	21.71	21.93	23.50
		12	13	21.99	21.87	21.91	23.50
		25	0	21.85	21.96	21.85	23.50
	<b>16QAM</b>	1	0	21.78	21.78	21.93	23.50
		1	13	21.75	21.96	21.72	23.50
		1	24	21.81	21.96	21.89	23.50
		12	0	20.94	21.04	20.91	22.50
		12	6	20.94	20.94	20.93	22.50
		12	13	20.87	20.90	21.04	22.50
		25	0	20.98	20.81	20.88	22.50
	<b>64QAM</b>	1	0	20.81	20.83	20.97	22.50
		1	13	20.60	20.60	20.79	22.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.80	22.88	22.84	24.50
		1	25	22.71	22.75	22.79	24.50
		1	49	22.79	22.75	22.77	24.50
		25	0	21.75	22.03	21.83	23.50
		25	13	22.01	21.74	21.90	23.50
		25	25	21.98	21.81	21.90	23.50
	16QAM	50	0	21.85	21.98	21.83	23.50
		1	0	21.85	21.76	21.95	23.50
		1	25	21.81	21.99	21.72	23.50
		1	49	21.82	21.93	21.88	23.50
		25	0	20.88	20.99	20.94	22.50
		25	13	20.94	20.92	20.92	22.50
	64QAM	25	25	20.89	20.91	21.10	22.50
		50	0	20.97	20.74	20.82	22.50
		1	0	20.84	20.82	20.99	22.50
		1	25	20.60	20.62	20.72	22.50
		1	49	20.75	20.65	20.85	22.50
		25	0	20.05	20.12	20.05	21.50
	256QAM	25	13	19.96	19.98	20.03	21.50
		25	25	20.25	20.15	20.12	21.50
		50	0	20.16	20.29	20.23	21.50
1		0	18.68	18.78	18.74	19.50	
1		25	18.73	18.68	18.86	19.50	
1		49	18.75	18.80	18.92	19.50	
15MHz	QPSK	25	0	18.81	18.76	18.84	19.50
		25	13	18.81	18.75	18.70	19.50
25		25	18.75	18.80	18.91	19.50	
50		0	18.73	18.77	18.72	19.50	
16QAM		1	0	21.78	21.74	21.96	23.50
		1	38	21.74	21.95	21.76	23.50
	1	74	21.87	21.96	21.88	23.50	
	36	0	20.88	20.99	20.94	22.50	

		36	18	20.95	20.92	20.89	22.50	
		36	39	20.93	20.86	21.09	22.50	
		75	0	20.94	20.82	20.83	22.50	
	64QAM		1	0	20.83	20.84	20.95	22.50
			1	38	20.58	20.68	20.81	22.50
			1	74	20.76	20.63	20.79	22.50
			36	0	20.03	20.07	20.01	21.50
			36	18	19.97	19.94	20.05	21.50
			36	39	20.18	20.15	20.06	21.50
			75	0	20.15	20.28	20.24	21.50
	256QAM		1	0	18.65	18.90	18.83	19.50
			1	38	18.71	18.73	18.94	19.50
			1	74	18.70	18.75	18.82	19.50
			36	0	18.83	18.75	18.86	19.50
			36	18	18.81	18.82	18.72	19.50
36			39	18.76	18.80	18.94	19.50	
75			0	18.66	18.79	18.86	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132072	<b>Channel</b> 132322	<b>Channel</b> 132572	<b>Tune up</b>	
<b>20MHz</b>	QPSK	1	0	22.78	22.88	22.80	24.50	
		1	50	22.69	22.82	22.82	24.50	
		1	99	22.70	22.74	22.72	24.50	
		50	0	21.78	22.02	21.89	23.50	
		50	25	21.99	21.72	21.93	23.50	
		50	50	21.98	21.82	21.93	23.50	
	16QAM		100	0	21.85	21.97	21.86	23.50
			1	0	21.77	21.77	21.90	23.50
			1	50	21.76	21.96	21.76	23.50
			1	99	21.82	21.94	21.90	23.50
			50	0	20.91	21.03	20.93	22.50
			50	25	20.88	20.92	20.91	22.50
	64QAM		50	50	20.91	20.87	21.06	22.50
			100	0	20.94	20.73	20.87	22.50
			1	0	20.83	20.79	20.95	22.50
			1	50	20.57	20.68	20.72	22.50
			1	99	20.74	20.70	20.79	22.50
			50	0	20.06	20.05	20.08	21.50
	256QAM		50	25	19.94	19.99	19.98	21.50
			50	50	20.22	20.15	20.09	21.50
			100	0	20.11	20.29	20.22	21.50
			1	0	18.67	18.82	18.82	19.50
			1	50	18.81	18.69	18.87	19.50
			1	99	18.68	18.75	18.88	19.50
		50	0	18.75	18.70	18.84	19.50	
		50	25	18.82	18.80	18.75	19.50	
		50	50	18.87	18.82	18.95	19.50	
		100	0	18.65	18.82	18.79	19.50	

LTE Band 66 Receiver on & Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
<b>1.4MHz</b>	QPSK	1	0	18.93	18.98	18.95	20.00
		1	2	18.79	18.89	18.95	20.00

		1	5	18.82	18.90	18.92	20.00	
		3	0	18.91	18.99	18.94	20.00	
		3	2	18.85	18.90	18.94	20.00	
		3	3	18.79	18.95	18.90	20.00	
		6	0	18.90	19.01	18.91	20.00	
		1	0	18.77	18.87	18.95	20.00	
	16QAM	1	2	18.83	18.98	18.88	20.00	
		1	5	18.87	18.98	18.94	20.00	
		3	0	18.83	18.91	18.91	20.00	
		3	2	18.80	18.95	18.93	20.00	
		3	3	18.89	18.98	18.94	20.00	
		6	0	18.83	18.84	18.91	20.00	
	64QAM	1	0	18.85	18.98	18.91	20.00	
		1	2	18.86	18.98	18.92	20.00	
		1	5	18.82	18.85	18.95	20.00	
		3	0	18.81	18.96	18.96	20.00	
		3	2	18.90	19.00	18.99	20.00	
		3	3	18.85	18.91	18.94	20.00	
	256QAM	6	0	18.81	18.95	18.88	20.00	
		1	0	18.77	18.77	18.79	19.50	
		1	2	18.80	18.69	18.92	19.50	
		1	5	18.75	18.76	18.86	19.50	
		3	0	18.82	18.70	18.78	19.50	
		3	2	18.80	18.72	18.71	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					131987	132322	132657	
	3MHz	QPSK	1	0	18.88	18.99	18.93	20.00
			1	7	18.81	18.90	18.94	20.00
1			14	18.81	18.97	18.92	20.00	
8			0	18.95	19.04	18.96	20.00	
8			4	18.81	18.89	18.90	20.00	
8			7	18.83	18.92	18.89	20.00	
16QAM		15	0	18.90	19.01	18.94	20.00	
		1	0	18.81	18.88	18.96	20.00	
		1	7	18.86	18.94	18.95	20.00	
		1	14	18.90	18.99	18.95	20.00	
		8	0	18.79	18.89	18.93	20.00	
		8	4	18.84	18.91	18.89	20.00	
64QAM		8	7	18.90	18.97	18.99	20.00	
		15	0	18.78	18.85	18.93	20.00	
		1	0	18.79	18.95	18.89	20.00	
		1	7	18.95	19.04	18.96	20.00	
		1	14	18.77	18.83	18.95	20.00	
		8	0	18.81	18.98	18.91	20.00	
256QAM		8	4	18.94	18.97	18.99	20.00	
		8	7	18.76	18.84	18.91	20.00	
		15	0	18.87	18.89	18.97	20.00	
		1	0	18.75	18.79	18.79	19.50	
		1	7	18.73	18.71	18.87	19.50	
		1	14	18.72	18.73	18.83	19.50	
			8	0	18.73	18.71	18.86	19.50
			8	4	18.76	18.75	18.72	19.50
			8	7	18.83	18.83	18.83	19.50
			8	7	18.83	18.83	18.83	19.50

Bandwidth	Modulation	15	0	18.67	18.79	18.79	19.50
		RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	18.88	19.04	18.97	20.00
		1	13	18.81	18.84	18.98	20.00
		1	24	18.81	18.95	18.94	20.00
		12	0	18.86	19.01	18.98	20.00
		12	6	18.78	18.90	18.91	20.00
		12	13	18.83	18.96	18.91	20.00
		25	0	18.87	19.03	18.93	20.00
	16QAM	1	0	18.76	18.85	18.89	20.00
		1	13	18.80	18.96	18.94	20.00
		1	24	18.87	19.04	18.94	20.00
		12	0	18.76	18.91	18.97	20.00
		12	6	18.86	18.97	18.91	20.00
		12	13	18.93	19.00	18.97	20.00
		25	0	18.84	18.84	18.97	20.00
	64QAM	1	0	18.82	18.96	18.88	20.00
		1	13	18.89	19.01	18.94	20.00
		1	24	18.82	18.86	18.90	20.00
		12	0	18.86	18.95	18.89	20.00
		12	6	18.91	19.02	18.92	20.00
		12	13	18.78	18.92	18.89	20.00
		25	0	18.84	18.90	18.94	20.00
	256QAM	1	0	18.74	18.86	18.86	19.50
		1	13	18.74	18.78	18.90	19.50
		1	24	18.71	18.79	18.82	19.50
		12	0	18.80	18.70	18.82	19.50
		12	6	18.75	18.80	18.79	19.50
		12	13	18.73	18.76	18.83	19.50
		25	0	18.63	18.75	18.85	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	18.92	19.02	18.95	20.00
		1	25	18.81	18.83	18.93	20.00
		1	49	18.83	18.97	18.95	20.00
		25	0	18.94	19.05	18.99	20.00
		25	13	18.77	18.92	18.90	20.00
		25	25	18.82	18.97	18.95	20.00
		50	0	18.93	19.03	18.94	20.00
	16QAM	1	0	18.78	18.84	18.94	20.00
		1	25	18.82	18.98	18.96	20.00
		1	49	18.91	19.00	18.99	20.00
		25	0	18.81	18.91	18.93	20.00
		25	13	18.80	18.95	18.94	20.00
		25	25	18.89	19.05	18.99	20.00
		50	0	18.79	18.84	18.89	20.00
	64QAM	1	0	18.79	18.89	18.94	20.00
		1	25	18.87	19.00	18.98	20.00
		1	49	18.80	18.88	18.91	20.00
		25	0	18.84	18.97	18.92	20.00
		25	13	18.91	19.04	18.93	20.00
		25	25	18.82	18.83	18.95	20.00
	256QAM	50	0	18.86	18.93	18.94	20.00
	256QAM	1	0	18.68	18.78	18.74	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	25	18.73	18.68	18.86	19.50
		1	49	18.75	18.80	18.92	19.50
		25	0	18.81	18.76	18.84	19.50
		25	13	18.81	18.75	18.70	19.50
		25	25	18.75	18.80	18.91	19.50
		50	0	18.73	18.77	18.72	19.50
	16QAM	1	0	18.91	19.02	19.00	20.00
		1	38	18.79	18.87	18.92	20.00
		1	74	18.85	18.90	18.96	20.00
		36	0	18.90	19.02	18.97	20.00
		36	18	18.77	18.90	18.97	20.00
		36	39	18.84	18.92	18.94	20.00
	64QAM	1	0	18.78	18.92	18.92	20.00
		1	38	18.82	18.93	18.96	20.00
		1	74	18.86	18.96	18.93	20.00
		36	0	18.83	18.87	18.90	20.00
		36	18	18.84	18.90	18.92	20.00
		36	39	18.86	19.01	18.92	20.00
	256QAM	1	0	18.83	18.86	18.92	20.00
		1	38	18.88	19.00	18.95	20.00
1		74	18.83	18.91	18.98	20.00	
36		0	18.82	18.94	18.94	20.00	
36		18	18.88	18.98	18.96	20.00	
36		39	18.84	18.86	18.94	20.00	
256QAM	1	0	18.80	18.98	18.90	20.00	
	1	38	18.65	18.90	18.83	19.50	
	1	38	18.71	18.73	18.94	19.50	
	1	74	18.70	18.75	18.82	19.50	
	36	0	18.83	18.75	18.86	19.50	
	36	18	18.81	18.82	18.72	19.50	
256QAM	36	39	18.76	18.80	18.94	19.50	
	36	39	18.76	18.80	18.94	19.50	
	75	0	18.66	18.79	18.86	19.50	
	75	0	18.66	18.79	18.86	19.50	
	75	0	18.66	18.79	18.86	19.50	
	75	0	18.66	18.79	18.86	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	18.87	19.12	18.98	20.00
		1	50	18.79	18.87	18.91	20.00
		1	99	18.83	18.93	18.91	20.00
		50	0	18.87	19.00	18.95	20.00
		50	25	18.81	18.92	18.97	20.00
		50	50	18.84	18.94	18.96	20.00
	16QAM	100	0	18.94	19.02	18.92	20.00
		1	0	18.78	18.88	18.93	20.00
		1	50	18.83	18.90	18.92	20.00
		1	99	18.92	19.03	18.96	20.00
		50	0	18.82	18.84	18.90	20.00
		50	25	18.79	18.93	18.95	20.00
	64QAM	50	50	18.88	19.02	18.97	20.00
		100	0	18.82	18.86	18.96	20.00
		1	0	18.87	18.94	18.94	20.00
		1	50	18.90	19.03	19.00	20.00
		1	50	18.90	19.03	19.00	20.00
		1	99	18.83	18.85	18.92	20.00

		50	0	18.86	18.97	18.96	20.00
		50	25	18.88	19.01	18.99	20.00
		50	50	18.82	18.86	18.96	20.00
		100	0	18.79	18.98	18.96	20.00
	256QAM	1	0	18.67	18.82	18.82	19.50
		1	50	18.81	18.69	18.87	19.50
		1	99	18.68	18.75	18.88	19.50
		50	0	18.75	18.70	18.84	19.50
		50	25	18.82	18.80	18.75	19.50
		50	50	18.87	18.82	18.95	19.50
		100	0	18.65	18.82	18.79	19.50

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	20.97	20.76	20.86	22.50	
		1	2	20.85	20.84	20.95	22.50	
		1	5	20.60	20.69	20.71	22.50	
		3	0	20.97	20.76	20.86	22.50	
		3	2	20.85	20.84	20.95	22.50	
		3	3	20.60	20.69	20.71	22.50	
	16QAM	6	0	20.97	20.76	20.86	22.50	
		1	0	20.85	20.84	20.95	22.50	
		1	2	20.60	20.69	20.71	22.50	
		1	5	20.97	20.76	20.86	22.50	
		3	0	20.85	20.84	20.95	22.50	
		3	2	20.60	20.69	20.71	22.50	
	64QAM	3	3	20.97	20.76	20.86	22.50	
		6	0	20.85	20.84	20.95	22.50	
		1	0	20.60	20.69	20.71	22.50	
		1	2	20.97	20.76	20.86	22.50	
		1	5	20.85	20.84	20.95	22.50	
		3	0	20.60	20.69	20.71	22.50	
	256QAM	3	2	20.97	20.76	20.86	22.50	
		3	3	20.85	20.84	20.95	22.50	
		6	0	20.60	20.69	20.71	21.50	
		1	0	18.77	18.77	18.79	19.50	
		1	2	18.80	18.69	18.92	19.50	
		1	5	18.75	18.76	18.86	19.50	
	3MHz	QPSK	3	0	18.82	18.70	18.78	19.50
			3	2	18.80	18.72	18.71	19.50
			3	3	18.85	18.85	18.91	19.50
			6	0	18.77	18.84	18.74	19.50
			1	0	20.87	20.97	20.91	22.50
			1	7	20.88	20.90	20.91	22.50
1	14		20.85	20.84	20.85	22.50		
16QAM	8	0	20.85	21.02	20.94	22.50		
	8	4	20.87	20.91	20.89	22.50		
	8	7	20.88	20.82	20.85	22.50		
	15	0	20.82	20.98	20.93	22.50		
	1	0	20.87	20.98	20.90	22.50		

		1	7	20.88	20.80	20.87	22.50	
		1	14	20.88	21.02	20.90	22.50	
		8	0	20.80	20.94	20.87	22.50	
		8	4	20.81	20.84	20.90	22.50	
		8	7	20.93	20.84	21.03	22.50	
		15	0	20.95	20.76	20.88	22.50	
	64QAM	1	0	20.88	20.81	21.00	22.50	
		1	7	20.58	20.67	20.75	22.50	
		1	14	20.75	20.68	20.80	22.50	
		8	0	20.05	20.07	20.05	21.50	
		8	4	19.92	19.99	20.00	21.50	
		8	7	20.27	20.17	20.10	21.50	
	256QAM	15	0	20.09	20.34	20.19	21.50	
		1	0	18.75	18.79	18.79	19.50	
		1	7	18.73	18.71	18.87	19.50	
		1	14	18.72	18.73	18.83	19.50	
		8	0	18.73	18.71	18.86	19.50	
		8	4	18.76	18.75	18.72	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	20.84	20.97	20.95	22.50	
		1	13	20.84	20.93	20.96	22.50	
		1	24	20.83	20.85	20.83	22.50	
		12	0	20.89	20.97	20.91	22.50	
		12	6	20.87	20.89	20.93	22.50	
		12	13	20.84	20.81	20.87	22.50	
	16QAM	25	0	20.84	20.97	20.92	22.50	
		1	0	20.87	20.96	20.96	22.50	
		1	13	20.81	20.80	20.90	22.50	
		1	24	20.89	21.03	20.94	22.50	
		12	0	20.82	20.93	20.88	22.50	
		12	6	20.88	20.86	20.84	22.50	
	64QAM	12	13	20.93	20.84	21.10	22.50	
		25	0	20.93	20.73	20.91	22.50	
		1	0	20.84	20.82	20.92	22.50	
		1	13	20.60	20.69	20.70	22.50	
		1	24	20.76	20.67	20.77	22.50	
		12	0	20.02	20.04	20.12	21.50	
	256QAM	12	6	19.95	20.00	19.96	21.50	
		12	13	20.24	20.11	20.09	21.50	
		25	0	20.07	20.27	20.19	21.50	
		1	0	18.74	18.86	18.86	19.50	
		1	13	18.74	18.78	18.90	19.50	
		1	24	18.71	18.79	18.82	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	12	13	20.24	20.11	20.09	21.50
			1	0	20.90	20.94	20.92	22.50
1			25	20.87	20.94	20.90	22.50	
		1	49	20.87	20.81	20.84	22.50	



		25	0	20.82	20.96	20.93	22.50	
		25	13	20.86	20.89	20.89	22.50	
		25	25	20.89	20.79	20.91	22.50	
		50	0	20.84	21.03	20.89	22.50	
		16QAM	1	0	20.86	20.90	20.91	22.50
			1	25	20.86	20.84	20.83	22.50
			1	49	20.88	20.99	20.92	22.50
			25	0	20.88	20.91	20.89	22.50
			25	13	20.81	20.85	20.84	22.50
	25		25	20.87	20.91	21.04	22.50	
	50		0	20.98	20.69	20.86	22.50	
	64QAM		1	0	20.84	20.81	20.94	22.50
		1	25	20.61	20.67	20.74	22.50	
		1	49	20.73	20.70	20.83	22.50	
		25	0	20.10	20.09	20.13	21.50	
		25	13	19.94	20.03	20.00	21.50	
		25	25	20.21	20.19	20.11	21.50	
		50	0	20.08	20.25	20.18	21.50	
	256QAM	1	0	18.68	18.78	18.74	19.50	
		1	25	18.73	18.68	18.86	19.50	
		1	49	18.75	18.80	18.92	19.50	
		25	0	18.81	18.76	18.84	19.50	
		25	13	18.81	18.75	18.70	19.50	
		25	25	18.75	18.80	18.91	19.50	
		50	0	18.73	18.77	18.72	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132047	<b>Channel</b> 132322	<b>Channel</b> 132597	<b>Tune up</b>
	<b>15MHz</b>	QPSK	1	0	20.87	21.00	20.88	22.50
			1	38	20.85	20.93	20.96	22.50
1			74	20.81	20.83	20.84	22.50	
36			0	20.91	21.01	20.88	22.50	
36			18	20.86	20.90	20.93	22.50	
36			39	20.88	20.77	20.85	22.50	
75			0	20.84	20.98	20.88	22.50	
16QAM		1	0	20.83	20.97	20.91	22.50	
		1	38	20.84	20.81	20.89	22.50	
		1	74	20.89	21.00	20.93	22.50	
		36	0	20.87	20.92	20.87	22.50	
		36	18	20.85	20.79	20.86	22.50	
		36	39	20.91	20.85	21.07	22.50	
		75	0	20.91	20.71	20.87	22.50	
64QAM		1	0	20.87	20.80	20.93	22.50	
		1	38	20.55	20.70	20.76	22.50	
		1	74	20.70	20.74	20.76	22.50	
		36	0	20.02	20.09	20.07	21.50	
		36	18	19.93	19.97	19.97	21.50	
		36	39	20.24	20.16	20.07	21.50	
		75	0	20.13	20.26	20.27	21.50	
256QAM		1	0	18.65	18.90	18.83	19.50	
		1	38	18.71	18.73	18.94	19.50	
		1	74	18.70	18.75	18.82	19.50	
		36	0	18.83	18.75	18.86	19.50	
		36	18	18.81	18.82	18.72	19.50	
		36	39	18.76	18.80	18.94	19.50	



Bandwidth	Modulation	75	0	18.66	18.79	18.86	19.50
		RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	20.86	21.13	20.97	22.50
		1	50	20.88	20.89	20.95	22.50
		1	99	20.87	20.86	20.85	22.50
		50	0	20.90	21.01	20.96	22.50
		50	25	20.84	20.91	20.94	22.50
		50	50	20.85	20.80	20.89	22.50
	16QAM	100	0	20.89	21.01	20.92	22.50
		1	0	20.81	20.90	20.94	22.50
		1	50	20.89	20.77	20.89	22.50
		1	99	20.88	21.01	20.93	22.50
		50	0	20.89	20.91	20.92	22.50
		50	25	20.83	20.82	20.90	22.50
	64QAM	50	50	20.94	20.88	21.09	22.50
		100	0	20.92	20.73	20.91	22.50
		1	0	20.87	20.80	20.93	22.50
		1	50	20.54	20.67	20.72	22.50
		1	99	20.77	20.73	20.82	22.50
		50	0	20.06	20.09	20.08	21.50
	256QAM	50	25	19.92	19.96	19.96	21.50
		50	50	20.26	20.16	20.12	21.50
		100	0	20.14	20.27	20.24	21.50
		1	0	18.67	18.82	18.82	19.50
		1	50	18.81	18.69	18.87	19.50
		1	99	18.68	18.75	18.88	19.50
		50	0	18.75	18.70	18.84	19.50
		50	25	18.82	18.80	18.75	19.50
		50	50	18.87	18.82	18.95	19.50
		100	0	18.65	18.82	18.79	19.50

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.68	23.74	23.71	25.00
		1	13	23.63	23.66	23.66	25.00
		1	24	23.67	23.67	23.64	25.00
		12	0	22.71	22.92	22.78	24.00
		12	6	22.92	22.65	22.87	24.00
		12	13	22.89	22.76	22.79	24.00
	16QAM	25	0	22.71	22.93	22.79	24.00
		1	0	22.71	22.69	22.86	24.00
		1	13	22.69	22.83	22.59	24.00
		1	24	22.70	22.88	22.80	24.00
		12	0	21.77	21.92	21.76	23.00
		12	6	21.84	21.78	21.80	23.00
	64QAM	12	13	21.79	21.80	21.94	23.00
		25	0	21.90	21.67	21.78	23.00
		1	0	21.73	21.77	21.88	23.00
		1	13	21.53	21.53	21.63	23.00
		1	24	21.68	21.57	21.72	23.00
		12	0	20.97	21.00	20.95	22.00
		12	6	20.86	20.90	20.88	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	256QAM	12	13	21.10	21.10	21.00	22.00	
		25	0	21.07	21.18	21.15	22.00	
		1	0	19.08	19.27	19.21	20.00	
		1	13	19.38	19.35	19.31	20.00	
		1	24	19.10	19.21	19.22	20.00	
		12	0	19.07	19.27	19.04	20.00	
		12	6	19.26	19.20	19.18	20.00	
		12	13	19.06	19.25	19.28	20.00	
	25	0	19.03	19.14	19.15	20.00		
	10MHz	QPSK	1	0	23.67	23.77	23.71	25.00
			1	25	23.59	23.71	23.67	25.00
			1	49	23.69	23.64	23.67	25.00
			25	0	22.65	23.00	22.78	24.00
			25	13	22.95	22.68	22.82	24.00
25			25	22.82	22.78	22.77	24.00	
16QAM		50	0	22.70	22.86	22.76	24.00	
		1	0	22.72	22.68	22.82	24.00	
		1	25	22.70	22.87	22.64	24.00	
		1	49	22.73	22.84	22.80	24.00	
		25	0	21.85	21.92	21.81	23.00	
		25	13	21.80	21.83	21.85	23.00	
64QAM		25	25	21.77	21.77	22.02	23.00	
		50	0	21.90	21.68	21.76	23.00	
		1	0	21.79	21.76	21.84	23.00	
		1	25	21.53	21.52	21.69	23.00	
		1	49	21.61	21.59	21.69	23.00	
		25	0	20.94	21.00	20.96	22.00	
256QAM		25	13	20.89	20.89	20.91	22.00	
		25	25	21.15	21.07	21.01	22.00	
		50	0	21.08	21.19	21.16	22.00	
		1	0	19.23	19.22	19.22	20.00	
		1	25	19.40	19.36	19.32	20.00	
		1	49	19.23	19.18	19.23	20.00	
15MHz	QPSK	25	0	19.20	19.30	19.13	20.00	
		25	13	19.26	19.31	19.28	20.00	
		25	25	19.19	19.22	19.41	20.00	
		50	0	19.06	19.20	19.15	20.00	
		1	0	23.74	23.76	23.78	25.00	
		1	38	23.59	23.67	23.73	25.00	
	16QAM	1	74	23.68	23.66	23.64	25.00	
		36	0	22.68	22.95	22.77	24.00	
		36	18	22.89	22.65	22.81	24.00	
		36	39	22.82	22.76	22.81	24.00	
75		0	22.72	22.85	22.75	24.00		
1		0	22.75	22.68	22.78	24.00		
1		38	22.69	22.84	22.59	24.00		
1		74	22.77	22.86	22.73	24.00		
15MHz	16QAM	36	0	21.85	21.91	21.85	23.00	
		36	18	21.85	21.80	21.86	23.00	
		36	39	21.77	21.81	21.95	23.00	
		75	0	21.86	21.70	21.80	23.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	64QAM	1	0	21.77	21.77	21.82	23.00	
		1	38	21.77	21.58	21.70	23.00	
		1	74	21.64	21.54	21.70	23.00	
		36	0	21.01	20.93	20.99	22.00	
		36	18	20.90	20.88	20.87	22.00	
		36	39	21.14	21.10	20.99	22.00	
		75	0	21.03	21.22	21.10	22.00	
	256QAM	1	0	19.17	19.25	19.20	20.00	
		1	38	19.28	19.39	19.31	20.00	
		1	74	19.16	19.18	19.33	20.00	
		36	0	19.09	19.34	19.11	20.00	
		36	18	19.27	19.33	19.26	20.00	
		36	39	19.12	19.31	19.32	20.00	
		75	0	19.05	19.16	19.27	20.00	
	20MHz	QPSK	1	0	23.71	23.82	23.70	25.00
			1	50	23.61	23.71	23.73	25.00
			1	99	23.66	23.62	23.60	25.00
			50	0	22.73	22.99	22.79	24.00
			50	25	22.91	22.65	22.82	24.00
			50	50	22.85	22.72	22.79	24.00
			100	0	22.72	22.90	22.79	24.00
		16QAM	1	0	22.67	22.72	22.80	24.00
			1	50	22.63	22.82	22.60	24.00
			1	99	22.78	22.86	22.74	24.00
			50	0	21.82	21.89	21.85	23.00
			50	25	21.78	21.78	21.78	23.00
			50	50	21.81	21.77	21.95	23.00
			100	0	21.85	21.63	21.75	23.00
		64QAM	1	0	21.79	21.75	21.90	23.00
			1	50	21.88	21.53	21.70	23.00
1			99	21.61	21.60	21.71	23.00	
50			0	20.97	20.94	20.94	22.00	
50			25	20.89	20.90	20.88	22.00	
50			50	21.16	21.03	20.96	22.00	
100			0	21.06	21.15	21.13	22.00	
256QAM		1	0	19.20	19.25	19.16	20.00	
		1	50	19.40	19.40	19.26	20.00	
		1	99	19.22	19.10	19.22	20.00	
		50	0	19.20	19.33	19.02	20.00	
		50	25	19.27	19.29	19.22	20.00	
		50	50	19.17	19.18	19.29	20.00	
		100	0	19.17	19.14	19.17	20.00	

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	20.86	20.94	20.81	22.00
		1	13	20.77	20.75	20.74	22.00
		1	24	20.77	20.81	20.73	22.00
		12	0	20.78	20.90	20.83	22.00
		12	6	20.74	20.74	20.77	22.00

		12	13	20.78	20.73	20.74	22.00	
		25	0	20.82	20.88	20.80	22.00	
	16QAM	1	0	20.75	20.74	20.75	22.00	
		1	13	20.85	20.78	20.80	22.00	
		1	24	20.86	20.92	20.83	22.00	
		12	0	20.79	20.79	20.74	22.00	
		12	6	20.83	20.77	20.72	22.00	
		12	13	20.79	20.90	20.83	22.00	
		25	0	20.72	20.72	20.75	22.00	
	64QAM	1	0	20.79	20.75	20.78	22.00	
		1	13	20.83	20.89	20.77	22.00	
		1	24	20.74	20.73	20.74	22.00	
		12	0	20.85	20.79	20.79	22.00	
		12	6	20.79	20.87	20.81	22.00	
		12	13	20.78	20.74	20.75	22.00	
	256QAM	25	0	20.80	20.76	20.77	22.00	
		1	0	19.08	19.27	19.21	20.00	
		1	13	19.38	19.35	19.31	20.00	
		1	24	19.10	19.21	19.22	20.00	
		12	0	19.07	19.27	19.04	20.00	
		12	6	19.26	19.20	19.18	20.00	
		12	13	19.06	19.25	19.28	20.00	
	25	0	19.03	19.14	19.15	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	37800		38000	38200		
1			0	20.86	20.91	20.79	22.00	
1			25	20.71	20.76	20.74	22.00	
1			49	20.85	20.80	20.76	22.00	
25			0	20.83	20.86	20.78	22.00	
25			13	20.71	20.75	20.73	22.00	
25			25	20.83	20.80	20.73	22.00	
16QAM		50	0	20.79	20.87	20.83	22.00	
		1	0	20.75	20.75	20.75	22.00	
		1	25	20.81	20.74	20.75	22.00	
		1	49	20.81	20.91	20.81	22.00	
		25	0	20.71	20.76	20.75	22.00	
		25	13	20.85	20.74	20.74	22.00	
64QAM		25	25	20.79	20.90	20.85	22.00	
		50	0	20.72	20.71	20.73	22.00	
		1	0	20.83	20.74	20.75	22.00	
		1	25	20.85	20.88	20.79	22.00	
		1	49	20.71	20.76	20.74	22.00	
		25	0	20.79	20.76	20.75	22.00	
		25	13	20.86	20.94	20.83	22.00	
256QAM		25	25	20.71	20.79	20.75	22.00	
		50	0	20.82	20.73	20.79	22.00	
		1	0	19.23	19.22	19.22	20.00	
		1	25	19.40	19.36	19.32	20.00	
		1	49	19.23	19.18	19.23	20.00	
	25	0	19.20	19.30	19.13	20.00		
	25	13	19.26	19.31	19.28	20.00		
25	25	19.19	19.22	19.41	20.00			
50	0	19.06	19.20	19.15	20.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				37825	38000	38175	
15MHz	QPSK	1	0	20.78	20.89	20.84	22.00
		1	38	20.78	20.76	20.71	22.00
		1	74	20.81	20.74	20.77	22.00
		36	0	20.85	20.91	20.81	22.00
		36	18	20.71	20.78	20.76	22.00
		36	39	20.86	20.78	20.72	22.00
		75	0	20.80	20.89	20.86	22.00
	16QAM	1	0	20.73	20.72	20.73	22.00
		1	38	20.81	20.73	20.74	22.00
		1	74	20.79	20.92	20.85	22.00
		36	0	20.75	20.79	20.69	22.00
		36	18	20.79	20.81	20.73	22.00
		36	39	20.82	20.86	20.78	22.00
		75	0	20.72	20.75	20.74	22.00
	64QAM	1	0	20.82	20.72	20.80	22.00
		1	38	20.79	20.86	20.79	22.00
		1	74	20.70	20.73	20.75	22.00
		36	0	20.79	20.76	20.74	22.00
		36	18	20.82	20.87	20.81	22.00
		36	39	20.78	20.77	20.71	22.00
		75	0	20.81	20.78	20.76	22.00
	256QAM	1	0	19.17	19.25	19.20	20.00
		1	38	19.28	19.39	19.31	20.00
		1	74	19.16	19.18	19.33	20.00
		36	0	19.09	19.34	19.11	20.00
		36	18	19.27	19.33	19.26	20.00
		36	39	19.12	19.31	19.32	20.00
		75	0	19.05	19.16	19.27	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
20MHz	QPSK	1	0	20.83	20.97	20.81	22.00
		1	50	20.79	20.75	20.76	22.00
		1	99	20.79	20.75	20.79	22.00
		50	0	20.84	20.91	20.84	22.00
		50	25	20.74	20.79	20.74	22.00
		50	50	20.79	20.77	20.80	22.00
		100	0	20.79	20.92	20.80	22.00
	16QAM	1	0	20.74	20.73	20.73	22.00
		1	50	20.83	20.76	20.79	22.00
		1	99	20.79	20.91	20.86	22.00
		50	0	20.72	20.73	20.72	22.00
		50	25	20.77	20.80	20.73	22.00
		50	50	20.79	20.94	20.86	22.00
		100	0	20.77	20.72	20.72	22.00
	64QAM	1	0	20.84	20.76	20.78	22.00
		1	50	20.83	20.92	20.80	22.00
		1	99	20.75	20.72	20.72	22.00
		50	0	20.86	20.77	20.81	22.00
		50	25	20.86	20.88	20.78	22.00
		50	50	20.78	20.77	20.70	22.00
		100	0	20.84	20.77	20.74	22.00
	256QAM	1	0	19.20	19.25	19.16	20.00
		1	50	19.40	19.40	19.26	20.00
		1	99	19.22	19.10	19.22	20.00



		50	0	19.20	19.33	19.02	20.00
		50	25	19.27	19.29	19.22	20.00
		50	50	19.17	19.18	19.29	20.00
		100	0	19.17	19.14	19.17	20.00

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	21.82	21.89	21.85	23.00
		1	13	21.71	21.84	21.83	23.00
		1	24	21.76	21.79	21.77	23.00
		12	0	21.83	21.88	21.81	23.00
		12	6	21.66	21.80	21.78	23.00
		12	13	21.80	21.75	21.71	23.00
	16QAM	25	0	21.85	21.90	21.84	23.00
		1	0	21.67	21.83	21.85	23.00
		1	13	21.78	21.79	21.76	23.00
		1	24	21.85	21.96	21.83	23.00
		12	0	21.70	21.81	21.87	23.00
		12	6	21.75	21.76	21.69	23.00
	64QAM	12	13	21.82	21.89	21.82	23.00
		25	0	21.71	21.87	21.84	23.00
		1	0	21.81	21.78	21.75	23.00
		1	13	21.85	21.56	21.72	23.00
		1	24	21.64	21.63	21.73	23.00
		12	0	21.00	20.92	20.98	22.00
	256QAM	12	6	20.88	20.87	20.87	22.00
		12	13	21.15	20.99	21.00	22.00
		25	0	21.10	21.20	21.14	22.00
		1	0	19.08	19.27	19.21	20.00
		1	13	19.38	19.35	19.31	20.00
		1	24	19.10	19.21	19.22	20.00
10MHz	QPSK	12	0	19.07	19.27	19.04	20.00
		12	6	19.26	19.20	19.18	20.00
		12	13	19.06	19.25	19.28	20.00
		25	0	19.03	19.14	19.15	20.00
		1	0	21.89	21.96	21.82	23.00
		1	25	21.67	21.85	21.86	23.00
	16QAM	1	49	21.75	21.76	21.76	23.00
		25	0	21.86	21.90	21.83	23.00
		25	13	21.65	21.81	21.82	23.00
		25	25	21.78	21.75	21.71	23.00
		50	0	21.89	21.91	21.85	23.00
		1	0	21.72	21.88	21.81	23.00
	64QAM	1	25	21.80	21.77	21.76	23.00
		1	49	21.85	21.94	21.84	23.00
		25	0	21.72	21.84	21.86	23.00
		25	13	21.79	21.80	21.74	23.00
		25	25	21.87	21.96	21.80	23.00
		50	0	21.72	21.81	21.86	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.89	21.96	21.82	23.00
		1	25	21.67	21.85	21.86	23.00
		1	49	21.75	21.76	21.76	23.00
		25	0	21.86	21.90	21.83	23.00
		25	13	21.65	21.81	21.82	23.00
		25	25	21.78	21.75	21.71	23.00
	16QAM	50	0	21.89	21.91	21.85	23.00
		1	0	21.72	21.88	21.81	23.00
		1	25	21.80	21.77	21.76	23.00
		1	49	21.85	21.94	21.84	23.00
		25	0	21.72	21.84	21.86	23.00
		25	13	21.79	21.80	21.74	23.00
	64QAM	25	25	21.87	21.96	21.80	23.00
		50	0	21.72	21.81	21.86	23.00
		1	0	21.74	21.77	21.74	23.00

		1	25	21.87	21.57	21.67	23.00	
		1	49	21.65	21.62	21.74	23.00	
		25	0	20.96	20.98	20.94	22.00	
		25	13	20.90	20.88	20.92	22.00	
		25	25	21.20	21.02	21.01	22.00	
		50	0	21.03	21.13	21.17	22.00	
	256QAM	1	0	19.23	19.22	19.22	20.00	
		1	25	19.40	19.36	19.32	20.00	
		1	49	19.23	19.18	19.23	20.00	
		25	0	19.20	19.30	19.13	20.00	
		25	13	19.26	19.31	19.28	20.00	
		25	25	19.19	19.22	19.41	20.00	
50	0	19.06	19.20	19.15	20.00			
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				37825	38000	38175		
<b>15MHz</b>	QPSK	1	0	21.84	21.95	21.82	23.00	
		1	38	21.65	21.84	21.85	23.00	
		1	74	21.81	21.74	21.74	23.00	
		36	0	21.90	21.92	21.88	23.00	
		36	18	21.70	21.86	21.83	23.00	
		36	39	21.77	21.79	21.77	23.00	
		75	0	21.84	21.96	21.88	23.00	
	16QAM	1	0	21.73	21.85	21.80	23.00	
		1	38	21.76	21.79	21.74	23.00	
		1	74	21.85	21.90	21.87	23.00	
		36	0	21.65	21.80	21.78	23.00	
		36	18	21.73	21.71	21.71	23.00	
		36	39	21.82	21.94	21.82	23.00	
		75	0	21.68	21.88	21.81	23.00	
	64QAM	1	0	21.81	21.79	21.69	23.00	
		1	38	21.87	21.53	21.74	23.00	
		1	74	21.63	21.62	21.68	23.00	
		36	0	21.01	20.97	20.97	22.00	
		36	18	20.92	20.87	20.93	22.00	
		36	39	21.17	21.08	21.00	22.00	
		75	0	21.07	21.12	21.17	22.00	
	256QAM	1	0	19.17	19.25	19.20	20.00	
		1	38	19.28	19.39	19.31	20.00	
		1	74	19.16	19.18	19.33	20.00	
		36	0	19.09	19.34	19.11	20.00	
		36	18	19.27	19.33	19.26	20.00	
		36	39	19.12	19.31	19.32	20.00	
		75	0	19.05	19.16	19.27	20.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	21.82	21.98	21.79	23.00	
		1	50	21.69	21.88	21.80	23.00	
		1	99	21.77	21.72	21.78	23.00	
		50	0	21.89	21.91	21.81	23.00	
		50	25	21.72	21.87	21.79	23.00	
		50	50	21.76	21.77	21.69	23.00	
		100	0	21.88	21.90	21.79	23.00	
	16QAM	1	0	21.66	21.80	21.80	23.00	
		1	50	21.74	21.76	21.70	23.00	
		1	99	21.88	21.96	21.87	23.00	



		50	0	21.67	21.85	21.78	23.00
		50	25	21.77	21.73	21.73	23.00
		50	50	21.82	21.92	21.87	23.00
		100	0	21.64	21.79	21.86	23.00
	64QAM	1	0	21.72	21.74	21.69	23.00
		1	50	21.91	21.50	21.71	23.00
		1	99	21.64	21.64	21.69	23.00
		50	0	20.95	20.96	20.96	22.00
		50	25	20.94	20.92	20.86	22.00
		50	50	21.20	21.03	20.94	22.00
		100	0	21.05	21.12	21.12	22.00
	256QAM	1	0	19.20	19.25	19.16	20.00
		1	50	19.40	19.40	19.26	20.00
		1	99	19.22	19.10	19.22	20.00
		50	0	19.20	19.33	19.02	20.00
		50	25	19.27	19.29	19.22	20.00
50		50	19.17	19.18	19.29	20.00	
100		0	19.17	19.14	19.17	20.00	

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	23.79	23.83	23.80	23.85	23.84	24.50
		1	13	23.72	23.79	23.67	23.80	23.82	24.50
		1	24	23.70	23.71	23.74	23.78	23.74	24.50
		12	0	22.75	23.04	22.76	23.02	22.83	23.50
		12	6	23.01	22.76	23.02	22.77	22.91	23.50
		12	13	22.92	22.84	23.01	22.85	22.93	23.50
	16QAM	25	0	22.81	22.95	22.86	22.96	22.83	23.50
		1	0	22.83	22.80	22.82	22.79	22.97	23.50
		1	13	22.73	22.96	22.79	22.96	22.76	23.50
		1	24	22.87	22.99	22.88	22.99	22.87	23.50
		12	0	21.90	21.97	21.91	22.00	21.95	22.50
		12	6	21.94	21.88	21.95	21.93	21.96	22.50
	64QAM	12	13	21.86	21.87	21.91	21.90	22.04	22.50
		25	0	21.97	21.77	21.95	21.82	21.89	22.50
		1	0	21.87	21.84	21.80	21.85	22.00	22.50
		1	13	21.58	21.63	21.59	21.64	21.75	22.50
		1	24	21.78	21.66	21.77	21.69	21.82	22.50
		12	0	21.10	21.10	21.05	21.03	21.00	21.50
	256QAM	12	6	20.93	20.96	20.95	20.91	20.96	21.50
		12	13	21.17	21.18	21.24	21.21	21.12	21.50
		25	0	21.19	21.26	21.19	21.29	21.25	21.50
		1	0	18.69	18.89	18.68	18.89	18.83	19.50
		1	13	18.84	18.76	18.80	18.69	18.92	19.50
		1	24	18.71	18.74	18.71	18.83	18.89	19.50
		12	0	18.85	18.75	18.86	18.77	18.82	19.50
		12	6	18.79	18.80	18.79	18.80	18.81	19.50
		12	13	18.80	18.81	18.86	18.78	18.93	19.50
		25	0	18.69	18.78	18.75	18.79	18.86	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	39700	40160	40620	41080	41540	23.77
				23.77	23.84	23.80	23.86	23.86	24.50

		1	25	23.66	23.73	23.74	23.75	23.79	24.50	
		1	49	23.78	23.79	23.75	23.74	23.74	24.50	
		25	0	22.78	23.03	22.81	23.04	22.90	23.50	
		25	13	23.03	22.75	22.98	22.76	22.93	23.50	
		25	25	22.94	22.87	22.96	22.82	22.89	23.50	
		16QAM	50	0	22.80	22.94	22.82	22.97	22.82	23.50
			1	0	22.85	22.76	22.82	22.74	22.94	23.50
			1	25	22.72	22.94	22.78	22.98	22.70	23.50
			1	49	22.86	22.94	22.83	22.94	22.88	23.50
			25	0	21.95	22.00	21.91	22.00	21.91	22.50
		64QAM	25	13	21.96	21.88	21.87	21.94	21.90	22.50
			25	25	21.94	21.88	21.85	21.90	22.10	22.50
			50	0	21.97	21.77	21.94	21.74	21.88	22.50
			1	0	21.83	21.79	21.87	21.82	21.95	22.50
			1	25	21.58	21.67	21.57	21.68	21.72	22.50
		256QAM	1	49	21.76	21.69	21.75	21.63	21.78	22.50
			25	0	21.04	21.08	21.05	21.04	21.03	21.50
			25	13	20.96	20.94	20.98	20.94	21.03	21.50
			25	25	21.25	21.12	21.20	21.15	21.10	21.50
			50	0	21.11	21.30	21.16	21.30	21.26	21.50
		256QAM	1	0	18.75	18.85	18.77	18.79	18.73	19.50
			1	25	18.70	18.68	18.79	18.68	18.89	19.50
			1	49	18.70	18.80	18.75	18.79	18.85	19.50
			25	0	18.80	18.72	18.86	18.82	18.76	19.50
			25	13	18.75	18.84	18.77	18.73	18.81	19.50
			25	25	18.78	18.88	18.72	18.82	18.90	19.50
			50	0	18.67	18.80	18.63	18.75	18.77	19.50
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39725	<b>Channel</b> 40173	<b>Channel</b> 40620	<b>Channel</b> 41068	<b>Channel</b> 41515	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	23.81	23.87	23.76	23.81	23.82	24.50	
		1	38	23.75	23.78	23.74	23.78	23.82	24.50	
		1	74	23.74	23.76	23.76	23.77	23.73	24.50	
		36	0	22.76	23.07	22.80	23.07	22.87	23.50	
		36	18	23.03	22.76	22.99	22.75	22.98	23.50	
		36	39	22.99	22.85	23.01	22.82	22.91	23.50	
	16QAM	75	0	22.80	22.97	22.80	23.00	22.88	23.50	
		1	0	22.86	22.79	22.79	22.76	22.90	23.50	
		1	38	22.79	22.95	22.80	22.97	22.69	23.50	
		1	74	22.83	22.93	22.84	22.98	22.85	23.50	
		36	0	21.92	22.00	21.93	22.04	21.88	22.50	
		36	18	21.95	21.91	21.87	21.87	21.90	22.50	
	64QAM	36	39	21.91	21.88	21.91	21.87	22.06	22.50	
		75	0	21.98	21.78	21.99	21.76	21.90	22.50	
		1	0	21.84	21.83	21.84	21.86	22.00	22.50	
		1	38	21.63	21.61	21.66	21.61	21.81	22.50	
		1	74	21.78	21.67	21.75	21.66	21.79	22.50	
		36	0	21.07	21.07	21.04	21.03	21.06	21.50	
	256QAM	36	18	20.92	20.91	21.00	20.97	20.97	21.50	
		36	39	21.24	21.13	21.22	21.16	21.10	21.50	
		75	0	21.13	21.28	21.17	21.30	21.26	21.50	
		1	0	18.80	18.80	18.76	18.82	18.79	19.50	
		1	38	18.80	18.72	18.76	18.71	18.92	19.50	
		1	74	18.67	18.73	18.70	18.77	18.82	19.50	
		256QAM	36	0	18.76	18.72	18.79	18.76	18.80	19.50
			36	18	18.79	18.83	18.74	18.80	18.81	19.50

Bandwidth	Modulation	36	39	18.83	18.81	18.86	18.89	18.86	19.50
		75	0	18.77	18.78	18.68	18.80	18.77	19.50
		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	39750	40185	40620	41055	41490	24.50
		1	50	23.84	23.81	23.88	23.82	23.84	24.50
		1	99	23.74	23.81	23.69	23.79	23.76	24.50
		50	0	23.72	23.75	23.77	23.72	23.70	24.50
		50	25	22.80	23.10	23.20	23.10	22.84	23.50
		50	50	23.05	22.78	22.99	22.70	22.93	23.50
	16QAM	50	50	23.00	22.86	22.94	22.82	22.94	23.50
		100	0	22.80	22.96	22.84	22.97	22.85	23.50
		1	0	22.82	22.81	22.79	22.78	22.89	23.50
		1	50	22.80	22.94	22.78	22.93	22.76	23.50
		1	99	22.80	22.96	22.86	22.97	22.83	23.50
		50	0	21.93	22.01	21.95	21.99	21.92	22.50
	64QAM	50	25	21.91	21.86	21.92	21.90	21.88	22.50
		50	50	21.90	21.93	21.86	21.93	22.09	22.50
		100	0	21.95	21.76	21.93	21.77	21.84	22.50
		1	0	21.84	21.80	21.83	21.85	21.99	22.50
		1	50	21.59	21.62	21.58	21.60	21.81	22.50
		1	99	21.75	21.71	21.70	21.70	21.78	22.50
	256QAM	50	0	21.03	21.11	21.09	21.08	21.07	21.50
		50	25	20.93	20.97	20.93	20.99	21.02	21.50
		50	50	21.24	21.19	21.26	21.20	21.12	21.50
		100	0	21.18	21.28	21.15	21.29	21.19	21.50
		1	0	18.70	18.79	18.75	18.85	18.86	19.50
		1	50	18.82	18.74	18.73	18.78	18.94	19.50
	256QAM	1	99	18.69	18.78	18.67	18.82	18.81	19.50
		50	0	18.73	18.68	18.77	18.77	18.80	19.50
		50	25	18.81	18.73	18.81	18.72	18.80	19.50
		50	50	18.80	18.77	18.84	18.85	18.82	19.50
		100	0	18.69	18.76	18.74	18.71	18.74	19.50

LTE Band 41 Receiver on & 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	20.95	20.93	20.93	20.89	20.96	21.50
		1	13	20.94	20.77	20.97	20.82	20.85	21.50
		1	24	20.82	20.83	20.85	20.83	20.91	21.50
		12	0	20.91	20.96	20.90	20.94	20.96	21.50
		12	6	20.99	20.77	20.91	20.77	20.84	21.50
		12	13	20.81	20.85	20.84	20.86	20.90	21.50
	16QAM	25	0	20.96	20.88	20.94	20.93	20.95	21.50
		1	0	20.91	20.81	20.97	20.83	20.87	21.50
		1	13	20.83	20.85	20.84	20.82	20.87	21.50
		1	24	20.96	20.92	20.94	20.95	20.95	21.50
		12	0	20.90	20.78	20.95	20.80	20.90	21.50
		12	6	20.82	20.86	20.82	20.81	20.87	21.50
	64QAM	12	13	20.96	20.90	20.94	20.95	20.93	21.50
		25	0	20.99	20.80	20.98	20.78	20.86	21.50
		1	0	20.84	20.85	20.79	20.84	20.82	21.50
		1	13	20.88	20.88	20.89	20.94	20.89	21.50
		1	24	20.90	20.77	20.94	20.80	20.92	21.50
		12	0	20.80	20.83	20.80	20.84	20.88	21.50

		12	6	20.92	20.95	20.93	20.87	20.90	21.50	
		12	13	20.92	20.80	20.92	20.85	20.84	21.50	
		25	0	20.83	20.85	20.77	20.86	20.85	21.50	
	256QAM	1	0	18.69	18.89	18.68	18.89	18.83	19.50	
		1	13	18.84	18.76	18.80	18.69	18.92	19.50	
		1	24	18.71	18.74	18.71	18.83	18.89	19.50	
		12	0	18.85	18.75	18.86	18.77	18.82	19.50	
		12	6	18.79	18.80	18.79	18.80	18.81	19.50	
		12	13	18.80	18.81	18.86	18.78	18.93	19.50	
25	0	18.69	18.78	18.75	18.79	18.86	19.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	20.96	20.91	20.96	20.95	20.88	21.50	
		1	25	20.91	20.83	20.96	20.78	20.88	21.50	
		1	49	20.83	20.85	20.83	20.84	20.86	21.50	
		25	0	20.97	20.89	20.94	20.93	20.92	21.50	
		25	13	20.91	20.81	20.97	20.84	20.87	21.50	
		25	25	20.81	20.84	20.80	20.84	20.85	21.50	
	16QAM	50	0	20.91	20.91	20.91	20.87	20.91	21.50	
		1	0	20.98	20.79	20.96	20.83	20.87	21.50	
		1	25	20.81	20.83	20.79	20.79	20.91	21.50	
		1	49	20.90	20.90	20.91	20.92	20.90	21.50	
		25	0	20.94	20.76	20.91	20.83	20.88	21.50	
		25	13	20.83	20.80	20.82	20.87	20.88	21.50	
	64QAM	25	25	20.90	20.91	20.93	20.88	20.92	21.50	
		50	0	20.91	20.84	20.97	20.79	20.90	21.50	
		1	0	20.80	20.82	20.81	20.80	20.83	21.50	
		1	25	20.89	20.87	20.96	20.96	20.95	21.50	
		1	49	20.97	20.83	20.99	20.81	20.89	21.50	
		25	0	20.76	20.85	20.80	20.83	20.91	21.50	
	256QAM	25	13	20.94	20.93	20.93	20.93	20.88	21.50	
		25	25	20.93	20.80	20.94	20.82	20.84	21.50	
		50	0	20.78	20.84	20.84	20.80	20.87	21.50	
		1	0	18.75	18.85	18.77	18.79	18.73	19.50	
		1	25	18.70	18.68	18.79	18.68	18.89	19.50	
		1	49	18.70	18.80	18.75	18.79	18.85	19.50	
	25	0	18.80	18.72	18.86	18.82	18.76	19.50		
	25	13	18.75	18.84	18.77	18.73	18.81	19.50		
	25	25	18.78	18.88	18.72	18.82	18.90	19.50		
	50	0	18.67	18.80	18.63	18.75	18.77	19.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	15MHz	QPSK	39725	40173	40620	41068	41515			
1			0	20.88	20.95	20.94	20.90	20.97	21.50	
1			38	20.94	20.82	20.96	20.81	20.86	21.50	
1			74	20.80	20.78	20.79	20.83	20.88	21.50	
36			0	20.88	20.88	20.95	20.91	20.90	21.50	
36			18	20.96	20.83	20.97	20.77	20.86	21.50	
16QAM		36	39	20.78	20.78	20.85	20.85	20.85	21.50	
		75	0	20.95	20.89	20.91	20.95	20.92	21.50	
		1	0	20.99	20.79	20.93	20.80	20.86	21.50	
		1	38	20.82	20.81	20.84	20.80	20.91	21.50	
		1	74	20.96	20.88	20.91	20.88	20.94	21.50	
		36	0	20.93	20.77	20.91	20.80	20.91	21.50	
		36	18	20.79	20.84	20.81	20.84	20.89	21.50	
		36	39	20.90	20.89	20.92	20.89	20.90	21.50	

	64QAM	75	0	20.91	20.76	20.91	20.82	20.90	21.50
		1	0	20.80	20.79	20.78	20.84	20.84	21.50
		1	38	20.94	20.94	20.96	20.89	20.96	21.50
		1	74	20.98	20.79	20.91	20.79	20.86	21.50
		36	0	20.83	20.80	20.81	20.85	20.90	21.50
		36	18	20.93	20.93	20.89	20.89	20.96	21.50
		36	39	20.99	20.77	20.92	20.80	20.88	21.50
	256QAM	75	0	20.83	20.83	20.78	20.83	20.89	21.50
		1	0	18.80	18.80	18.76	18.82	18.79	19.50
		1	38	18.80	18.72	18.76	18.71	18.92	19.50
		1	74	18.67	18.73	18.70	18.77	18.82	19.50
		36	0	18.76	18.72	18.79	18.76	18.80	19.50
		36	18	18.79	18.83	18.74	18.80	18.81	19.50
		36	39	18.83	18.81	18.86	18.89	18.86	19.50
		75	0	18.77	18.78	18.68	18.80	18.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.94	20.90	21.09	20.88	20.96	21.50
		1	50	20.92	20.79	20.95	20.79	20.91	21.50
		1	99	20.82	20.85	20.77	20.84	20.82	21.50
		50	0	20.89	20.88	20.98	20.93	20.90	21.50
		50	25	20.95	20.83	20.97	20.85	20.85	21.50
		50	50	20.81	20.82	20.81	20.81	20.88	21.50
		100	0	20.88	20.88	20.99	20.93	20.94	21.50
	16QAM	1	0	20.94	20.81	20.94	20.80	20.88	21.50
		1	50	20.80	20.82	20.83	20.79	20.86	21.50
		1	99	20.94	20.87	20.89	20.88	20.91	21.50
		50	0	20.98	20.83	20.98	20.81	20.86	21.50
		50	25	20.78	20.83	20.77	20.86	20.87	21.50
		50	50	20.89	20.89	20.95	20.92	20.93	21.50
		100	0	20.92	20.78	20.93	20.78	20.88	21.50
	64QAM	1	0	20.78	20.81	20.82	20.87	20.85	21.50
		1	50	20.90	20.87	20.96	20.93	20.91	21.50
		1	99	20.96	20.85	20.95	20.81	20.85	21.50
		50	0	20.83	20.82	20.79	20.81	20.85	21.50
		50	25	20.93	20.90	20.96	20.93	20.93	21.50
		50	50	20.92	20.83	20.93	20.78	20.85	21.50
		100	0	20.81	20.79	20.81	20.82	20.88	21.50
	256QAM	1	0	18.70	18.79	18.75	18.85	18.86	19.50
		1	50	18.82	18.74	18.73	18.78	18.94	19.50
		1	99	18.69	18.78	18.67	18.82	18.81	19.50
		50	0	18.73	18.68	18.77	18.77	18.80	19.50
		50	25	18.81	18.73	18.81	18.72	18.80	19.50
		50	50	18.80	18.77	18.84	18.85	18.82	19.50
		100	0	18.69	18.76	18.74	18.71	18.74	19.50

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	21.47	21.48	21.40	21.46	21.42	22.00
		1	13	21.44	21.35	21.41	21.35	21.39	22.00
		1	24	21.33	21.34	21.28	21.38	21.35	22.00
		12	0	21.46	21.42	21.44	21.50	21.44	22.00



Bandwidth	Modulation	RB size	RB offset	39725	40173	40620	41068	41515	Tune up
				Channel	Channel	Channel	Channel	Channel	
15MHz	QPSK	1	0	21.39	21.45	21.45	21.43	21.39	22.00
		1	38	21.43	21.34	21.41	21.32	21.38	22.00
		1	74	21.31	21.39	21.27	21.31	21.34	22.00
		36	0	21.41	21.50	21.47	21.44	21.40	22.00
		36	18	21.41	21.36	21.40	21.32	21.42	22.00
		36	39	21.31	21.32	21.32	21.32	21.40	22.00
		75	0	21.47	21.47	21.40	21.43	21.40	22.00
	16QAM	1	0	21.45	21.37	21.44	21.36	21.37	22.00
		1	38	21.33	21.30	21.29	21.37	21.36	22.00
		1	74	21.39	21.42	21.44	21.48	21.39	22.00
		36	0	21.45	21.33	21.40	21.29	21.42	22.00
		36	18	21.31	21.32	21.28	21.32	21.38	22.00
		36	39	21.46	21.46	21.40	21.49	21.39	22.00
		75	0	21.40	21.29	21.38	21.37	21.42	22.00
	64QAM	1	0	21.42	21.47	21.43	21.49	21.41	22.00
		1	38	21.40	21.30	21.44	21.30	21.34	22.00
		1	74	21.29	21.34	21.32	21.34	21.35	22.00
		36	0	21.13	21.11	21.13	21.08	21.09	21.50
		36	18	20.98	20.90	20.97	20.91	21.02	21.50
		36	39	21.23	21.23	21.17	21.28	21.20	21.50
		75	0	21.32	21.12	21.31	21.17	21.28	21.50
	256QAM	1	0	18.80	18.80	18.76	18.82	18.79	19.50
		1	38	18.80	18.72	18.76	18.71	18.92	19.50
		1	74	18.67	18.73	18.70	18.77	18.82	19.50
		36	0	18.76	18.72	18.79	18.76	18.80	19.50
		36	18	18.79	18.83	18.74	18.80	18.81	19.50
		36	39	18.83	18.81	18.86	18.89	18.86	19.50
		75	0	18.77	18.78	18.68	18.80	18.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.41	21.43	21.57	21.43	21.35	22.00
		1	50	21.44	21.38	21.45	21.35	21.39	22.00
		1	99	21.28	21.31	21.30	21.31	21.34	22.00
		50	0	21.39	21.45	21.51	21.43	21.44	22.00
		50	25	21.41	21.30	21.38	21.38	21.40	22.00
		50	50	21.32	21.36	21.33	21.36	21.40	22.00
		100	0	21.48	21.42	21.49	21.46	21.40	22.00
	16QAM	1	0	21.45	21.33	21.40	21.32	21.39	22.00
		1	50	21.30	21.34	21.30	21.38	21.39	22.00
		1	99	21.40	21.44	21.41	21.41	21.42	22.00
		50	0	21.37	21.35	21.45	21.34	21.39	22.00
		50	25	21.32	21.33	21.34	21.30	21.38	22.00
		50	50	21.44	21.42	21.42	21.49	21.36	22.00
		100	0	21.42	21.37	21.44	21.36	21.41	22.00
	64QAM	1	0	21.42	21.41	21.47	21.46	21.41	22.00
		1	50	21.45	21.35	21.44	21.30	21.39	22.00
		1	99	21.33	21.34	21.32	21.35	21.39	22.00
		50	0	21.15	21.10	21.10	21.11	21.11	21.50
		50	25	20.94	20.94	20.95	20.94	21.00	21.50
		50	50	21.19	21.25	21.22	21.22	21.24	21.50
		100	0	21.33	21.16	21.31	21.14	21.27	21.50
	256QAM	1	0	18.70	18.79	18.75	18.85	18.86	19.50
		1	50	18.82	18.74	18.73	18.78	18.94	19.50
		1	99	18.69	18.78	18.67	18.82	18.81	19.50

		50	0	18.73	18.68	18.77	18.77	18.80	19.50
		50	25	18.81	18.73	18.81	18.72	18.80	19.50
		50	50	18.80	18.77	18.84	18.85	18.82	19.50
		100	0	18.69	18.76	18.74	18.71	18.74	19.50

### 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	29.40	29.38	29.39	31.00	-9.19	20.21	20.19	20.20	21.81	
GPRS/EGPRS (GMSK)	1 TX Slot	29.38	29.31	29.38	31.00	-9.19	20.19	20.12	20.19	21.81	
	2 TX Slots	26.61	26.60	26.58	28.50	-6.18	20.43	20.42	20.40	22.32	
	3 TX Slots	25.19	25.20	25.22	27.00	-4.42	20.77	20.78	20.80	22.58	
	4 TX Slots	24.14	24.19	24.13	26.00	-3.17	20.97	21.02	20.96	22.83	
EGPRS(8PSK)	1 TX Slot	25.86	25.89	25.84	27.00	-9.19	16.67	16.70	16.65	17.81	
	2 TX Slots	22.76	22.75	22.75	24.00	-6.18	16.58	16.57	16.57	17.82	
	3 TX Slots	20.96	20.96	20.99	22.50	-4.42	16.54	16.54	16.57	18.08	
	4 TX Slots	19.71	19.68	19.73	21.00	-3.17	16.54	16.51	16.56	17.83	

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	27.04	27.06	27.01	28.50	-9.19	17.85	17.87	17.82	19.31	
GPRS/EGPRS (GMSK)	1 TX Slot	26.94	26.91	26.95	28.50	-9.19	17.75	17.72	17.76	19.31	
	2 TX Slots	24.19	24.19	24.16	26.00	-6.18	18.01	18.01	17.98	19.82	
	3 TX Slots	22.75	22.85	22.82	24.50	-4.42	18.33	18.43	18.40	20.08	
	4 TX Slots	21.72	21.80	21.70	23.50	-3.17	18.55	18.63	18.53	20.33	
EGPRS(8PSK)	1 TX Slot	23.44	23.49	23.41	24.50	-9.19	14.25	14.30	14.22	15.31	
	2 TX Slots	20.40	20.37	20.32	21.50	-6.18	14.22	14.19	14.14	15.32	
	3 TX Slots	18.55	18.54	18.63	20.00	-4.42	14.13	14.12	14.21	15.58	
	4 TX Slots	17.31	17.30	17.34	18.50	-3.17	14.14	14.13	14.17	15.33	



### 3.2 Conducted Power of WCDMA

WCDMA Band II					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.67	22.72	22.59	24.50
	12.2kbps AMR	22.6	22.56	22.56	24.50
HSDPA	Subtest 1	22.14	22.16	22.28	23.50
	Subtest 2	22.17	22.24	22.22	23.50
	Subtest 3	21.71	21.69	21.70	23.00
	Subtest 4	21.77	21.62	21.71	23.00
HSUPA	Subtest 1	20.11	20.10	20.19	22.00
	Subtest 2	20.22	20.13	20.22	21.50
	Subtest 3	21.13	21.03	21.16	22.50
	Subtest 4	19.62	19.71	19.68	21.50
DC-HSDPA	Subtest 5	21.06	21.11	21.22	22.50
	Subtest 1	22.14	22.09	22.24	23.50
	Subtest 2	22.15	22.17	22.23	23.50
	Subtest 3	21.68	21.67	21.66	23.00
HSPA+	Subtest 4	21.73	21.64	21.77	23.00
	16QAM	20.18	20.08	20.24	21.50

WCDMA Band II Receiver on & Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.56	18.59	18.52	20.00
	12.2kbps AMR	18.49	18.48	18.47	20.00
HSDPA	Subtest 1	18.02	18.08	18.21	19.00
	Subtest 2	18.11	18.11	18.16	19.00
	Subtest 3	17.59	17.59	17.57	18.50
	Subtest 4	17.67	17.52	17.59	18.50
HSUPA	Subtest 1	15.97	16.00	16.14	17.50
	Subtest 2	16.14	16.02	16.16	17.00
	Subtest 3	17.06	16.94	17.11	18.00
	Subtest 4	15.52	15.60	15.56	17.00
	Subtest 5	16.93	17.02	17.15	18.00
DC-HSDPA	Subtest 1	18.07	17.95	18.15	19.00
	Subtest 2	18.07	18.05	18.10	19.00
	Subtest 3	17.61	17.61	17.52	18.50
	Subtest 4	17.64	17.52	17.67	18.50
HSPA+	16QAM	16.09	15.99	16.17	17.00

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.32	23.44	23.42	25.00
	12.2kbps AMR	23.35	23.31	23.33	25.00
HSDPA	Subtest 1	22.84	22.92	22.85	24.00
	Subtest 2	22.89	22.94	22.91	24.00

	Subtest 3	22.32	22.35	22.37	23.50
	Subtest 4	22.44	22.32	22.41	23.50
HSUPA	Subtest 1	20.86	20.75	20.83	22.50
	Subtest 2	20.97	20.84	20.92	22.00
	Subtest 3	21.85	21.79	21.94	23.00
	Subtest 4	20.38	20.37	20.42	22.00
	Subtest 5	21.83	21.79	21.97	23.00
DC-HSDPA	Subtest 1	22.83	22.90	22.91	24.00
	Subtest 2	22.77	22.83	22.95	24.00
	Subtest 3	22.42	22.40	22.45	23.50
	Subtest 4	22.39	22.23	22.43	23.50
HSPA+	16QAM	20.80	20.88	20.94	22.00

WCDMA Band IV Receiver on & Hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	19.93	19.99	19.97	21.00
	12.2kbps AMR	19.89	19.84	19.84	21.00
HSDPA	Subtest 1	19.38	19.38	19.36	20.00
	Subtest 2	19.39	19.48	19.39	20.00
	Subtest 3	18.85	18.89	18.84	19.50
	Subtest 4	18.98	18.87	18.94	19.50
HSUPA	Subtest 1	17.35	17.24	17.31	18.50
	Subtest 2	17.45	17.38	17.43	18.00
	Subtest 3	18.34	18.28	18.44	19.00
	Subtest 4	16.88	16.89	16.92	18.00
	Subtest 5	18.35	18.28	18.49	19.00
DC-HSDPA	Subtest 1	19.31	19.43	19.40	20.00
	Subtest 2	19.26	19.36	19.45	20.00
	Subtest 3	18.96	18.90	18.95	19.50
	Subtest 4	18.93	18.74	18.89	19.50
HSPA+	16QAM	17.32	17.35	17.45	18.00

### 3.3 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	22.11	22.13	22.17	24.00	
		1	2	22.00	22.07	22.05	24.00	
		1	5	22.06	22.03	22.06	24.00	
		3	0	21.12	21.34	21.14	23.00	
		3	2	21.31	21.04	21.29	23.00	
		3	3	21.31	21.18	21.21	23.00	
	16QAM	6	0	21.12	21.25	21.20	23.00	
		1	0	21.09	21.07	21.24	23.00	
		1	2	21.07	21.24	21.18	23.00	
		1	5	21.18	21.27	21.13	23.00	
		3	0	20.21	20.33	20.18	22.00	
		3	2	20.18	20.22	20.23	22.00	
	64QAM	3	3	20.18	20.19	20.37	22.00	
		6	0	20.26	20.10	20.19	22.00	
		1	0	20.16	20.17	20.27	22.00	
		1	2	20.19	20.37	20.03	22.00	
		1	5	20.10	20.19	20.15	22.00	
		3	0	20.27	20.07	20.12	22.00	
	256QAM	3	2	20.11	20.14	20.23	22.00	
		3	3	20.10	20.19	20.06	22.00	
		6	0	19.42	19.59	19.53	21.00	
		1	0	17.20	17.39	17.22	19.00	
		1	2	17.29	17.23	17.25	19.00	
		1	5	17.14	17.25	17.47	19.00	
	3MHz	QPSK	3	0	17.31	17.14	17.14	19.00
			3	2	17.31	17.18	17.14	19.00
			3	3	17.12	17.25	17.22	19.00
			6	0	17.29	17.24	17.29	19.00
1			0	22.12	22.19	22.12	24.00	
1			7	22.02	22.09	22.11	24.00	
16QAM		1	14	22.09	22.08	22.06	24.00	
		8	0	21.05	21.32	21.19	23.00	
		8	4	21.32	21.04	21.21	23.00	
		8	7	21.24	21.14	21.23	23.00	
		15	0	21.13	21.29	21.19	23.00	
		1	0	21.14	21.05	21.20	23.00	
64QAM		1	7	21.05	21.30	21.05	23.00	
		1	14	21.16	21.21	21.17	23.00	
		8	0	20.23	20.31	20.17	22.00	
		8	4	20.20	20.18	20.23	22.00	
		8	7	20.19	20.21	20.42	22.00	
		15	0	20.25	20.05	20.15	22.00	
8		1	0	20.13	20.16	20.29	22.00	
		1	7	20.18	20.23	20.03	22.00	
		1	14	20.21	20.42	20.12	22.00	
		8	0	19.35	19.35	19.38	21.00	

		8	4	19.29	19.25	19.27	21.00			
		8	7	19.50	19.51	19.37	21.00			
		15	0	19.42	19.55	19.57	21.00			
	256QAM	1	0	17.25	17.30	17.31	19.00			
		1	7	17.18	17.27	17.31	19.00			
		1	14	17.08	17.22	17.34	19.00			
		8	0	17.30	17.07	17.24	19.00			
		8	4	17.33	17.26	17.15	19.00			
		8	7	17.15	17.24	17.32	19.00			
15	0	17.26	17.10	17.25	19.00					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				18625	18900	19175				
5MHz	QPSK	1	0	22.11	22.11	22.12	24.00			
		1	13	22.02	22.04	22.09	24.00			
		1	24	22.04	22.03	22.05	24.00			
		12	0	21.06	21.34	21.18	23.00			
		12	6	21.30	21.06	21.25	23.00			
		12	13	21.23	21.19	21.18	23.00			
	16QAM	25	0	21.17	21.28	21.14	23.00			
		1	0	21.12	21.05	21.20	23.00			
		1	13	21.05	21.25	21.06	23.00			
		1	24	21.18	21.23	21.18	23.00			
		12	0	20.23	20.34	20.18	22.00			
		12	6	20.20	20.19	20.25	22.00			
	64QAM	12	13	20.18	20.18	20.35	22.00			
		25	0	20.28	20.12	20.15	22.00			
		1	0	20.12	20.11	20.29	22.00			
		1	13	20.34	20.18	20.02	22.00			
		1	24	20.19	20.25	20.09	22.00			
		12	0	19.40	19.37	19.31	21.00			
	256QAM	12	6	19.27	19.22	19.30	21.00			
		12	13	19.47	19.50	19.35	21.00			
		25	0	19.49	19.53	19.50	21.00			
		1	0	17.13	17.42	17.27	19.00			
		1	13	17.21	17.18	17.37	19.00			
		1	24	17.16	17.27	17.45	19.00			
10MHz	QPSK	12	0	17.30	17.20	17.27	19.00			
		12	6	17.31	17.17	17.07	19.00			
		12	13	17.14	17.23	17.30	19.00			
		25	0	17.19	17.13	17.24	19.00			
		1	0	22.06	22.18	22.13	24.00			
		1	25	22.00	22.08	22.10	24.00			
	16QAM	1	49	22.03	22.06	22.01	24.00			
		25	0	21.05	21.33	21.20	23.00			
		25	13	21.32	21.08	21.28	23.00			
		25	25	21.23	21.15	21.21	23.00			
		50	0	21.18	21.31	21.18	23.00			
		1	0	21.13	21.08	21.26	23.00			
			1	25	21.06	21.23	21.18	23.00		
			1	49	21.14	21.24	21.19	23.00		
			25	0	20.19	20.31	20.20	22.00		
			25	13	20.24	20.18	20.22	22.00		
			Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
							18650	18900	19150	

	64QAM	25	25	20.18	20.21	20.42	22.00
		50	0	20.25	20.09	20.20	22.00
		1	0	20.16	20.14	20.25	22.00
		1	25	20.31	20.20	20.06	22.00
		1	49	20.18	20.22	20.11	22.00
		25	0	19.35	19.42	19.35	21.00
		25	13	19.31	19.29	19.28	21.00
		25	25	19.53	19.43	19.39	21.00
	50	0	19.49	19.56	19.52	21.00	
	256QAM	1	0	17.15	17.31	17.24	19.00
		1	25	17.23	17.20	17.35	19.00
		1	49	17.12	17.31	17.47	19.00
		25	0	17.25	17.20	17.17	19.00
		25	13	17.34	17.22	17.09	19.00
		25	25	17.20	17.32	17.26	19.00
50		0	17.30	17.21	17.31	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	22.10	22.14	22.14	24.00
		1	38	22.07	22.06	22.14	24.00
		1	74	22.07	22.05	22.07	24.00
		36	0	21.05	21.37	21.14	23.00
		36	18	21.31	21.07	21.29	23.00
		36	39	21.27	21.17	21.17	23.00
		75	0	21.17	21.24	21.20	23.00
	16QAM	1	0	21.14	21.07	21.25	23.00
		1	38	21.03	21.25	21.05	23.00
		1	74	21.12	21.28	21.17	23.00
		36	0	20.25	20.27	20.18	22.00
		36	18	20.21	20.21	20.21	22.00
		36	39	20.23	20.23	20.36	22.00
		75	0	20.28	20.12	20.19	22.00
	64QAM	1	0	20.14	20.09	20.27	22.00
		1	38	20.27	20.18	20.05	22.00
		1	74	20.21	20.21	20.07	22.00
		36	0	19.35	19.39	19.34	21.00
		36	18	19.25	19.28	19.26	21.00
		36	39	19.51	19.49	19.35	21.00
		75	0	19.43	19.55	19.57	21.00
	256QAM	1	0	17.26	17.30	17.29	19.00
		1	38	17.30	17.22	17.30	19.00
		1	74	17.20	17.20	17.41	19.00
36		0	17.30	17.13	17.16	19.00	
36		18	17.24	17.26	17.16	19.00	
36		39	17.11	17.37	17.24	19.00	
75		0	17.29	17.14	17.21	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.11	22.20	22.12	24.00
		1	50	22.08	22.08	22.07	24.00
		1	99	22.00	22.04	22.07	24.00
		50	0	21.07	21.36	21.13	23.00
		50	25	21.34	21.01	21.28	23.00
		50	50	21.25	21.12	21.16	23.00
		100	0	21.16	21.24	21.17	23.00

	16QAM	1	0	21.09	21.12	21.18	23.00
		1	50	21.08	21.25	21.04	23.00
		1	99	21.11	21.20	21.21	23.00
		50	0	20.23	20.26	20.18	22.00
		50	25	20.25	20.22	20.25	22.00
		50	50	20.22	20.23	20.38	22.00
		100	0	20.28	20.04	20.14	22.00
	64QAM	1	0	20.12	20.09	20.25	22.00
		1	50	20.23	20.38	20.04	22.00
		1	99	20.04	20.14	20.09	22.00
		50	0	19.40	19.35	19.38	21.00
		50	25	19.30	19.26	19.32	21.00
		50	50	19.55	19.42	19.35	21.00
	256QAM	100	0	19.44	19.56	19.56	21.00
		1	0	17.12	17.30	17.26	19.00
		1	50	17.28	17.27	17.26	19.00
		1	99	17.16	17.21	17.44	19.00
		50	0	17.35	17.15	17.28	19.00
		50	25	17.33	17.27	17.08	19.00
		50	50	17.17	17.27	17.22	19.00
	100	0	17.29	17.21	17.18	19.00	

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	17.31	17.35	17.31	19.00	
		1	2	17.25	17.28	17.30	19.00	
		1	5	17.29	17.20	17.31	19.00	
		3	0	17.35	17.36	17.35	19.00	
		3	2	17.20	17.28	17.34	19.00	
		3	3	17.25	17.24	17.34	19.00	
	16QAM	6	0	17.33	17.38	17.37	19.00	
		1	0	17.22	17.27	17.32	19.00	
		1	2	17.28	17.22	17.32	19.00	
		1	5	17.38	17.35	17.33	19.00	
		3	0	17.25	17.26	17.28	19.00	
		3	2	17.29	17.18	17.26	19.00	
		3	3	17.36	17.35	17.37	19.00	
		6	0	17.29	17.31	17.34	19.00	
		64QAM	1	0	17.26	17.25	17.28	19.00
	1		2	17.34	17.30	17.37	19.00	
	1		5	17.29	17.33	17.27	19.00	
	3		0	17.32	17.17	17.33	19.00	
	3		2	17.37	17.36	17.35	19.00	
	3		3	17.26	17.31	17.30	19.00	
	256QAM	6	0	17.28	17.22	17.32	19.00	
		1	0	17.20	17.39	17.22	19.00	
		1	2	17.29	17.23	17.25	19.00	
		1	5	17.14	17.25	17.47	19.00	
		3	0	17.31	17.14	17.14	19.00	
		3	2	17.31	17.18	17.14	19.00	
			3	3	17.12	17.25	17.22	19.00



Bandwidth	Modulation	6	0	17.29	17.24	17.29	19.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	17.35	17.33	17.33	19.00	
		1	7	17.27	17.33	17.32	19.00	
		1	14	17.25	17.21	17.30	19.00	
		8	0	17.36	17.35	17.32	19.00	
		8	4	17.23	17.30	17.31	19.00	
		8	7	17.33	17.25	17.27	19.00	
	16QAM	15	0	17.34	17.36	17.39	19.00	
		1	0	17.21	17.30	17.29	19.00	
		1	7	17.30	17.17	17.32	19.00	
		1	14	17.36	17.38	17.34	19.00	
		8	0	17.29	17.29	17.26	19.00	
		8	4	17.26	17.22	17.29	19.00	
	64QAM	8	7	17.35	17.32	17.37	19.00	
		15	0	17.25	17.34	17.31	19.00	
		1	0	17.30	17.18	17.32	19.00	
		1	7	17.32	17.39	17.33	19.00	
		1	14	17.27	17.30	17.26	19.00	
		8	0	17.25	17.22	17.31	19.00	
	256QAM	8	4	17.36	17.35	17.31	19.00	
		8	7	17.27	17.27	17.26	19.00	
		15	0	17.30	17.20	17.29	19.00	
		1	0	17.25	17.30	17.31	19.00	
		1	7	17.18	17.27	17.31	19.00	
		1	14	17.08	17.22	17.34	19.00	
	5MHz	QPSK	8	0	17.30	17.07	17.24	19.00
			8	4	17.33	17.26	17.15	19.00
			8	7	17.15	17.24	17.32	19.00
			15	0	17.26	17.10	17.25	19.00
			1	0	17.31	17.37	17.33	19.00
			1	13	17.26	17.27	17.31	19.00
16QAM		1	24	17.25	17.25	17.26	19.00	
		12	0	17.37	17.30	17.34	19.00	
		12	6	17.23	17.32	17.30	19.00	
		12	13	17.29	17.23	17.31	19.00	
		25	0	17.35	17.30	17.31	19.00	
		1	0	17.27	17.27	17.33	19.00	
64QAM		1	13	17.25	17.18	17.30	19.00	
		1	24	17.34	17.36	17.36	19.00	
		12	0	17.25	17.25	17.26	19.00	
		12	6	17.26	17.23	17.28	19.00	
		12	13	17.31	17.31	17.37	19.00	
		25	0	17.28	17.30	17.28	19.00	
QPSK		1	0	17.30	17.19	17.25	19.00	
		1	13	17.30	17.33	17.31	19.00	
		1	24	17.21	17.31	17.27	19.00	
		12	0	17.27	17.18	17.29	19.00	
		12	6	17.32	17.32	17.35	19.00	
		12	13	17.24	17.32	17.26	19.00	

		25	0	17.27	17.21	17.26	19.00
	256QAM	1	0	17.13	17.42	17.27	19.00
		1	13	17.21	17.18	17.37	19.00
		1	24	17.16	17.27	17.45	19.00
		12	0	17.30	17.20	17.27	19.00
		12	6	17.31	17.17	17.07	19.00
		12	13	17.14	17.23	17.30	19.00
		25	0	17.19	17.13	17.24	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.32	17.39	17.36	19.00
		1	25	17.27	17.28	17.29	19.00
		1	49	17.30	17.21	17.33	19.00
		25	0	17.33	17.34	17.39	19.00
		25	13	17.20	17.26	17.30	19.00
		25	25	17.28	17.25	17.30	19.00
		50	0	17.29	17.30	17.31	19.00
	16QAM	1	0	17.24	17.29	17.32	19.00
		1	25	17.26	17.18	17.32	19.00
		1	49	17.30	17.31	17.33	19.00
		25	0	17.25	17.28	17.27	19.00
		25	13	17.27	17.19	17.33	19.00
		25	25	17.32	17.31	17.37	19.00
		50	0	17.20	17.30	17.26	19.00
	64QAM	1	0	17.30	17.19	17.31	19.00
		1	25	17.37	17.35	17.34	19.00
		1	49	17.22	17.31	17.30	19.00
		25	0	17.32	17.22	17.33	19.00
		25	13	17.36	17.32	17.39	19.00
		25	25	17.27	17.31	17.27	19.00
		50	0	17.33	17.21	17.27	19.00
	256QAM	1	0	17.15	17.31	17.24	19.00
		1	25	17.23	17.20	17.35	19.00
		1	49	17.12	17.31	17.47	19.00
		25	0	17.25	17.20	17.17	19.00
		25	13	17.34	17.22	17.09	19.00
		25	25	17.20	17.32	17.26	19.00
		50	0	17.30	17.21	17.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.32	17.34	17.37	19.00
		1	38	17.24	17.34	17.26	19.00
		1	74	17.24	17.20	17.28	19.00
		36	0	17.33	17.34	17.36	19.00
		36	18	17.21	17.27	17.30	19.00
		36	39	17.27	17.22	17.25	19.00
		75	0	17.33	17.38	17.39	19.00
	16QAM	1	0	17.29	17.30	17.33	19.00
		1	38	17.24	17.19	17.27	19.00
		1	74	17.32	17.34	17.31	19.00
		36	0	17.21	17.28	17.27	19.00
		36	18	17.24	17.18	17.29	19.00
		36	39	17.30	17.39	17.37	19.00
		75	0	17.27	17.34	17.29	19.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	1	0	17.24	17.26	17.32	19.00	
		1	38	17.35	17.38	17.31	19.00	
		1	74	17.23	17.33	17.34	19.00	
		36	0	17.32	17.18	17.32	19.00	
		36	18	17.32	17.39	17.31	19.00	
		36	39	17.28	17.27	17.29	19.00	
		75	0	17.27	17.20	17.30	19.00	
	256QAM	1	0	17.26	17.30	17.29	19.00	
		1	38	17.30	17.22	17.30	19.00	
		1	74	17.20	17.20	17.41	19.00	
		36	0	17.30	17.13	17.16	19.00	
		36	18	17.24	17.26	17.16	19.00	
		36	39	17.11	17.37	17.24	19.00	
		75	0	17.29	17.14	17.21	19.00	
	20MHz	QPSK	1	0	17.37	17.45	17.33	19.00
			1	50	17.22	17.28	17.26	19.00
			1	99	17.29	17.19	17.33	19.00
			50	0	17.32	17.37	17.35	19.00
			50	25	17.29	17.33	17.31	19.00
			50	50	17.32	17.21	17.29	19.00
			100	0	17.38	17.37	17.37	19.00
		16QAM	1	0	17.24	17.29	17.33	19.00
			1	50	17.28	17.25	17.31	19.00
			1	99	17.34	17.34	17.32	19.00
			50	0	17.25	17.29	17.30	19.00
			50	25	17.32	17.18	17.32	19.00
			50	50	17.38	17.30	17.32	19.00
			100	0	17.26	17.34	17.25	19.00
64QAM		1	0	17.32	17.19	17.27	19.00	
		1	50	17.30	17.34	17.39	19.00	
		1	99	17.26	17.27	17.29	19.00	
		50	0	17.25	17.21	17.31	19.00	
		50	25	17.30	17.34	17.38	19.00	
		50	50	17.26	17.32	17.30	19.00	
		100	0	17.24	17.21	17.33	19.00	
256QAM		1	0	17.12	17.30	17.26	19.00	
		1	50	17.28	17.27	17.26	19.00	
		1	99	17.16	17.21	17.44	19.00	
		50	0	17.35	17.15	17.28	19.00	
		50	25	17.33	17.27	17.08	19.00	
		50	50	17.17	17.27	17.22	19.00	
		100	0	17.29	17.21	17.18	19.00	

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.13	23.12	23.15	24.50
		1	2	22.97	23.07	23.09	24.50
		1	5	23.01	23.03	23.06	24.50
		3	0	22.09	22.33	22.19	23.50

		3	2	22.28	22.05	22.28	23.50
		3	3	22.24	22.15	22.16	23.50
		6	0	22.15	22.27	22.19	23.50
	16QAM	1	0	22.09	22.08	22.24	23.50
		1	2	22.09	22.27	22.04	23.50
		1	5	22.19	22.24	22.15	23.50
		3	0	21.18	21.29	21.22	22.50
		3	2	21.18	21.20	21.20	22.50
		3	3	21.23	21.20	21.38	22.50
		6	0	21.25	21.06	21.15	22.50
	64QAM	1	0	21.12	21.13	21.25	22.50
		1	2	20.91	20.95	21.05	22.50
		1	5	21.00	20.96	21.11	22.50
		3	0	20.33	20.41	20.36	21.50
		3	2	20.31	20.24	20.27	21.50
		3	3	20.49	20.46	20.36	21.50
	256QAM	6	0	20.41	20.62	20.53	21.50
		1	0	18.18	18.28	18.11	19.50
		1	2	18.17	18.23	18.19	19.50
		1	5	18.06	18.23	18.30	19.50
		3	0	18.32	18.07	18.22	19.50
		3	2	18.27	18.29	18.12	19.50
		3	3	18.21	18.29	18.26	19.50
	6	0	18.14	18.22	18.14	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.12	23.18	23.18	24.50
		1	7	22.98	23.04	23.09	24.50
		1	14	23.02	23.07	23.06	24.50
		8	0	22.07	22.33	22.15	23.50
		8	4	22.36	22.06	22.21	23.50
		8	7	22.22	22.12	22.16	23.50
	16QAM	15	0	22.18	22.28	22.13	23.50
		1	0	22.13	22.07	22.25	23.50
		1	7	22.07	22.30	22.00	23.50
		1	14	22.13	22.28	22.19	23.50
		8	0	21.20	21.27	21.19	22.50
		8	4	21.23	21.16	21.21	22.50
	64QAM	8	7	21.19	21.20	21.33	22.50
		15	0	21.27	21.03	21.16	22.50
		1	0	21.17	21.13	21.25	22.50
		1	7	20.96	20.94	21.10	22.50
		1	14	21.08	20.95	21.08	22.50
		8	0	20.33	20.41	20.36	21.50
	256QAM	8	4	20.31	20.24	20.27	21.50
		8	7	20.49	20.46	20.36	21.50
		15	0	20.41	20.54	20.49	21.50
		1	0	18.08	18.23	18.22	19.50
		1	7	18.15	18.17	18.29	19.50
		1	14	18.11	18.30	18.29	19.50
		8	0	18.20	18.12	18.14	19.50
	8	4	18.21	18.28	18.10	19.50	
	8	7	18.19	18.28	18.25	19.50	
	15	0	18.25	18.20	18.12	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.10	23.19	23.11	24.50
		1	13	22.99	23.07	23.13	24.50
		1	24	23.04	23.08	23.01	24.50
		12	0	22.08	22.40	22.13	23.50
		12	6	22.28	22.05	22.28	23.50
		12	13	22.24	22.16	22.16	23.50
	16QAM	25	0	22.13	22.29	22.18	23.50
		1	0	22.09	22.11	22.21	23.50
		1	13	22.06	22.27	22.06	23.50
		1	24	22.19	22.21	22.14	23.50
		12	0	21.26	21.34	21.18	22.50
		12	6	21.17	21.23	21.24	22.50
	64QAM	12	13	21.24	21.24	21.33	22.50
		25	0	21.27	21.04	21.14	22.50
		1	0	21.16	21.08	21.26	22.50
		1	13	20.96	20.98	21.04	22.50
		1	24	21.07	20.92	21.15	22.50
		12	0	20.37	20.35	20.36	21.50
	256QAM	12	6	20.22	20.26	20.30	21.50
		12	13	20.53	20.45	20.41	21.50
		25	0	20.48	20.55	20.56	21.50
		1	0	18.17	18.37	18.23	19.50
		1	13	18.25	18.22	18.20	19.50
		1	24	18.14	18.29	18.26	19.50
10MHz	QPSK	12	0	18.28	18.12	18.19	19.50
		12	6	18.25	18.17	18.19	19.50
		12	13	18.15	18.27	18.26	19.50
		25	0	18.21	18.21	18.12	19.50
		1	0	23.13	23.19	23.13	24.50
		1	25	22.97	23.03	23.13	24.50
	16QAM	1	49	23.07	23.09	23.03	24.50
		25	0	22.05	22.31	22.13	23.50
		25	13	22.32	22.08	22.26	23.50
		25	25	22.29	22.17	22.23	23.50
		50	0	22.15	22.31	22.14	23.50
		1	0	22.07	22.04	22.23	23.50
64QAM	1	25	22.05	22.27	22.01	23.50	
	1	49	22.14	22.28	22.14	23.50	
	25	0	21.19	21.31	21.22	22.50	
	25	13	21.18	21.20	21.23	22.50	
	25	25	21.22	21.23	21.40	22.50	
	50	0	21.21	21.04	21.13	22.50	
256QAM	1	0	21.15	21.08	21.25	22.50	
	1	25	20.95	20.94	21.11	22.50	
	1	49	21.05	21.01	21.07	22.50	
	25	0	20.34	20.36	20.35	21.50	
	25	13	20.30	20.28	20.34	21.50	
	25	25	20.49	20.48	20.34	21.50	
		50	0	20.46	20.58	20.55	21.50
		1	0	18.13	18.32	18.22	19.50

		1	25	18.14	18.18	18.33	19.50
		1	49	18.13	18.23	18.33	19.50
		25	0	18.32	18.04	18.14	19.50
		25	13	18.17	18.17	18.07	19.50
		25	25	18.23	18.29	18.30	19.50
		50	0	18.23	18.15	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.06	23.14	23.14	24.50
		1	38	23.01	23.05	23.11	24.50
		1	74	23.05	23.04	23.03	24.50
		36	0	22.10	22.37	22.14	23.50
		36	18	22.29	22.03	22.28	23.50
		36	39	22.23	22.13	22.15	23.50
	16QAM	75	0	22.16	22.26	22.17	23.50
		1	0	22.07	22.08	22.19	23.50
		1	38	22.02	22.26	22.03	23.50
		1	74	22.12	22.24	22.20	23.50
		36	0	21.26	21.28	21.18	22.50
		36	18	21.21	21.21	21.21	22.50
	64QAM	36	39	21.17	21.24	21.39	22.50
		75	0	21.24	21.08	21.13	22.50
		1	0	21.17	21.13	21.28	22.50
		1	38	20.92	20.91	21.03	22.50
		1	74	21.03	21.00	21.08	22.50
		36	0	20.34	20.37	20.31	21.50
	256QAM	36	18	20.25	20.30	20.32	21.50
		36	39	20.54	20.48	20.39	21.50
		75	0	20.44	20.60	20.52	21.50
		1	0	18.07	18.22	18.11	19.50
		1	38	18.24	18.28	18.29	19.50
		1	74	18.08	18.23	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.07	23.23	23.13	24.50
		1	50	23.00	23.07	23.14	24.50
		1	99	23.03	23.05	23.07	24.50
		50	0	22.05	22.34	22.16	23.50
		50	25	22.33	22.01	22.22	23.50
		50	50	22.29	22.16	22.15	23.50
	16QAM	100	0	22.17	22.32	22.17	23.50
		1	0	22.11	22.09	22.23	23.50
		1	50	22.05	22.25	22.00	23.50
		1	99	22.15	22.26	22.18	23.50
		50	0	21.19	21.33	21.21	22.50
		50	25	21.25	21.25	21.23	22.50
	64QAM	50	50	21.17	21.17	21.41	22.50
		100	0	21.26	21.09	21.15	22.50
		1	0	21.13	21.16	21.26	22.50
		1	50	20.90	20.95	21.11	22.50
		1	99	21.08	20.97	21.11	22.50



		50	0	20.39	20.40	20.33	21.50
		50	25	20.23	20.26	20.28	21.50
		50	50	20.55	20.42	20.37	21.50
		100	0	20.47	20.59	20.52	21.50
	256QAM	1	0	18.15	18.27	18.19	19.50
		1	50	18.22	18.19	18.26	19.50
		1	99	18.07	18.28	18.32	19.50
		50	0	18.21	18.15	18.17	19.50
		50	25	18.28	18.28	18.18	19.50
		50	50	18.28	18.36	18.30	19.50
		100	0	18.23	18.11	18.09	19.50

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	19.40	19.33	19.35	20.50	
		1	2	19.12	19.31	19.33	20.50	
		1	5	19.15	19.29	19.20	20.50	
		3	0	19.36	19.30	19.35	20.50	
		3	2	19.20	19.29	19.28	20.50	
		3	3	19.23	19.24	19.19	20.50	
	16QAM	6	0	19.35	19.27	19.39	20.50	
		1	0	19.14	19.30	19.27	20.50	
		1	2	19.18	19.21	19.22	20.50	
		1	5	19.38	19.31	19.38	20.50	
		3	0	19.16	19.28	19.33	20.50	
		3	2	19.16	19.25	19.26	20.50	
	64QAM	3	3	19.33	19.30	19.35	20.50	
		6	0	19.15	19.25	19.32	20.50	
		1	0	19.16	19.29	19.22	20.50	
		1	2	19.35	19.32	19.37	20.50	
		1	5	19.12	19.24	19.29	20.50	
		3	0	19.16	19.28	19.26	20.50	
	256QAM	3	2	19.35	19.31	19.32	20.50	
		3	3	19.14	19.26	19.30	20.50	
		6	0	19.20	19.21	19.19	20.50	
		1	0	18.18	18.28	18.11	19.00	
		1	2	18.17	18.23	18.19	19.00	
		1	5	18.06	18.23	18.30	19.00	
	3MHz	QPSK	3	0	18.32	18.07	18.22	19.00
			3	2	18.27	18.29	18.12	19.00
	3		3	18.21	18.29	18.26	19.00	
			6	0	18.14	18.22	18.14	19.00
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel
3MHz	QPSK	1	0	19.41	19.26	19.33	20.50	
		1	7	19.18	19.30	19.29	20.50	
		1	14	19.24	19.28	19.26	20.50	

		8	0	19.42	19.33	19.34	20.50	
		8	4	19.17	19.27	19.33	20.50	
		8	7	19.23	19.28	19.19	20.50	
		15	0	19.36	19.34	19.36	20.50	
	16QAM	1	0	19.14	19.30	19.33	20.50	
		1	7	19.19	19.27	19.22	20.50	
		1	14	19.34	19.33	19.36	20.50	
		8	0	19.13	19.25	19.30	20.50	
		8	4	19.24	19.29	19.24	20.50	
		8	7	19.38	19.33	19.38	20.50	
		15	0	19.17	19.26	19.28	20.50	
	64QAM	1	0	19.22	19.24	19.25	20.50	
		1	7	19.36	19.31	19.36	20.50	
		1	14	19.12	19.27	19.27	20.50	
		8	0	19.24	19.23	19.22	20.50	
		8	4	19.37	19.26	19.34	20.50	
		8	7	19.20	19.28	19.28	20.50	
	256QAM	15	0	19.17	19.26	19.22	20.50	
		1	0	18.08	18.23	18.22	19.00	
		1	7	18.15	18.17	18.29	19.00	
		1	14	18.11	18.30	18.29	19.00	
		8	0	18.20	18.12	18.14	19.00	
		8	4	18.21	18.28	18.10	19.00	
		8	7	18.19	18.28	18.25	19.00	
	15	0	18.25	18.20	18.12	19.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	19.40	19.28	19.35	20.50
1			13	19.14	19.27	19.33	20.50	
1			24	19.15	19.23	19.23	20.50	
12			0	19.34	19.34	19.37	20.50	
12			6	19.14	19.26	19.26	20.50	
12			13	19.19	19.23	19.28	20.50	
16QAM		25	0	19.40	19.31	19.36	20.50	
		1	0	19.13	19.28	19.28	20.50	
		1	13	19.24	19.22	19.23	20.50	
		1	24	19.41	19.26	19.33	20.50	
		12	0	19.18	19.28	19.27	20.50	
		12	6	19.17	19.28	19.21	20.50	
		12	13	19.34	19.30	19.33	20.50	
64QAM		25	0	19.20	19.28	19.33	20.50	
		1	0	19.16	19.29	19.20	20.50	
		1	13	19.36	19.28	19.38	20.50	
		1	24	19.19	19.27	19.30	20.50	
		12	0	19.19	19.27	19.26	20.50	
		12	6	19.34	19.25	19.39	20.50	
		12	13	19.18	19.24	19.33	20.50	
256QAM		25	0	19.21	19.23	19.24	20.50	
		1	0	18.17	18.37	18.23	19.00	
		1	13	18.25	18.22	18.20	19.00	
		1	24	18.14	18.29	18.26	19.00	
		12	0	18.28	18.12	18.19	19.00	
12		6	18.25	18.17	18.19	19.00		



Bandwidth	Modulation	12	13	18.15	18.27	18.26	19.00	
		25	0	18.21	18.21	18.12	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20000	20175	20350		
10MHz	QPSK	1	0	19.39	19.33	19.34	20.50	
		1	25	19.19	19.26	19.31	20.50	
		1	49	19.19	19.29	19.27	20.50	
		25	0	19.38	19.30	19.35	20.50	
		25	13	19.16	19.24	19.27	20.50	
		25	25	19.23	19.29	19.21	20.50	
		50	0	19.38	19.32	19.32	20.50	
	16QAM	1	0	19.17	19.28	19.33	20.50	
		1	25	19.15	19.30	19.22	20.50	
		1	49	19.36	19.25	19.38	20.50	
		25	0	19.16	19.25	19.32	20.50	
		25	13	19.22	19.24	19.23	20.50	
		25	25	19.39	19.26	19.39	20.50	
		50	0	19.15	19.29	19.29	20.50	
	64QAM	1	0	19.24	19.29	19.26	20.50	
		1	25	19.37	19.31	19.35	20.50	
		1	49	19.20	19.27	19.26	20.50	
		25	0	19.17	19.27	19.24	20.50	
		25	13	19.40	19.32	19.33	20.50	
		25	25	19.14	19.29	19.34	20.50	
		50	0	19.19	19.23	19.27	20.50	
	256QAM	1	0	18.13	18.32	18.22	19.00	
		1	25	18.14	18.18	18.33	19.00	
		1	49	18.13	18.23	18.33	19.00	
		25	0	18.32	18.04	18.14	19.00	
		25	13	18.17	18.17	18.07	19.00	
		25	25	18.23	18.29	18.30	19.00	
		50	0	18.23	18.15	18.17	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	1	0	19.34	19.28	19.32	20.50
1			38	19.14	19.25	19.33	20.50	
1			74	19.19	19.27	19.20	20.50	
36			0	19.38	19.25	19.38	20.50	
36			18	19.13	19.27	19.33	20.50	
36			39	19.16	19.28	19.28	20.50	
75			0	19.34	19.29	19.39	20.50	
16QAM		1	0	19.12	19.30	19.33	20.50	
		1	38	19.22	19.22	19.22	20.50	
		1	74	19.38	19.32	19.35	20.50	
		36	0	19.14	19.27	19.26	20.50	
		36	18	19.19	19.26	19.22	20.50	
		36	39	19.36	19.28	19.36	20.50	
		75	0	19.18	19.28	19.25	20.50	
64QAM		1	0	19.18	19.24	19.22	20.50	
		1	38	19.39	19.26	19.34	20.50	
		1	74	19.17	19.27	19.26	20.50	
		36	0	19.16	19.26	19.25	20.50	
		36	18	19.35	19.26	19.38	20.50	
		36	39	19.15	19.28	19.30	20.50	
		75	0	19.24	19.27	19.21	20.50	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				20050	20175	20300			
20MHz	256QAM	1	0	18.07	18.22	18.11	19.00		
		1	38	18.24	18.28	18.29	19.00		
		1	74	18.08	18.23	18.32	19.00		
		36	0	18.24	18.11	18.17	19.00		
		36	18	18.25	18.29	18.08	19.00		
		36	39	18.25	18.23	18.24	19.00		
		75	0	18.18	18.25	18.17	19.00		
	QPSK	16QAM	1	0	19.38	19.47	19.33	20.50	
			1	50	19.12	19.32	19.28	20.50	
			1	99	19.20	19.22	19.22	20.50	
			50	0	19.42	19.43	19.35	20.50	
			50	25	19.13	19.32	19.31	20.50	
			50	50	19.16	19.21	19.24	20.50	
			100	0	19.35	19.26	19.40	20.50	
		64QAM	256QAM	1	0	19.16	19.26	19.34	20.50
				1	50	19.16	19.21	19.23	20.50
				1	99	19.37	19.34	19.37	20.50
				50	0	19.18	19.24	19.32	20.50
				50	25	19.17	19.21	19.25	20.50
				50	50	19.40	19.27	19.35	20.50
				100	0	19.17	19.30	19.32	20.50
		QPSK	256QAM	1	0	19.21	19.21	19.21	20.50
				1	50	19.35	19.28	19.40	20.50
				1	99	19.14	19.31	19.32	20.50
				50	0	19.21	19.28	19.26	20.50
				50	25	19.37	19.27	19.34	20.50
				50	50	19.11	19.26	19.27	20.50
				100	0	19.17	19.25	19.25	20.50
		QPSK	256QAM	1	0	18.15	18.27	18.19	19.00
				1	50	18.22	18.19	18.26	19.00
1				99	18.07	18.28	18.32	19.00	
50				0	18.21	18.15	18.17	19.00	
50				25	18.28	18.28	18.18	19.00	
50				50	18.28	18.36	18.30	19.00	
100				0	18.23	18.11	18.09	19.00	

LTE Band 7				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.51	23.52	23.50	25.00	
		1	13	23.50	23.58	23.61	25.00	
		1	24	23.56	23.52	23.52	25.00	
		12	0	22.61	22.83	22.63	24.00	
		12	6	22.84	22.51	22.79	24.00	
		12	13	22.77	22.72	22.70	24.00	
		25	0	22.62	22.85	22.59	24.00	
	16QAM	256QAM	1	0	22.65	22.63	22.81	24.00
			1	13	22.60	22.79	22.50	24.00



		1	24	22.71	22.74	22.64	24.00
		12	0	21.70	21.80	21.68	23.00
		12	6	21.70	21.70	21.74	23.00
		12	13	21.66	21.71	21.82	23.00
		25	0	21.76	21.56	21.59	23.00
	64QAM	1	0	21.68	21.57	21.75	23.00
		1	13	21.71	21.82	21.54	23.00
		1	24	21.56	21.59	21.57	23.00
		12	0	20.83	20.89	20.90	22.00
		12	6	20.72	20.74	20.75	22.00
	256QAM	12	13	21.04	21.01	20.88	22.00
		25	0	20.90	21.05	21.05	22.00
		1	0	19.12	19.23	19.14	20.00
		1	13	19.19	19.33	19.25	20.00
		1	24	19.09	19.20	19.28	20.00
		12	0	19.04	19.32	19.00	20.00
		12	6	19.21	19.22	19.16	20.00
		12	13	19.05	19.25	19.28	20.00
25		0	19.05	19.00	19.04	20.00	
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	23.56	23.58	23.51	25.00
		1	25	23.51	23.56	23.60	25.00
		1	49	23.58	23.56	23.60	25.00
		25	0	22.62	22.85	22.64	24.00
		25	13	22.84	22.52	22.75	24.00
		25	25	22.80	22.65	22.69	24.00
		50	0	22.66	22.79	22.62	24.00
	16QAM	1	0	22.61	22.58	22.81	24.00
		1	25	22.61	22.77	22.61	24.00
		1	49	22.73	22.70	22.69	24.00
		25	0	21.73	21.79	21.67	23.00
		25	13	21.67	21.72	21.71	23.00
		25	25	21.63	21.78	21.82	23.00
		50	0	21.75	21.54	21.63	23.00
	64QAM	1	0	21.65	21.64	21.74	23.00
		1	25	21.72	21.71	21.57	23.00
		1	49	21.78	21.82	21.58	23.00
		25	0	20.82	20.86	20.88	22.00
		25	13	20.72	20.74	20.78	22.00
		25	25	21.06	21.06	20.93	22.00
		50	0	20.90	21.05	21.04	22.00
	256QAM	1	0	19.04	19.24	19.15	20.00
		1	25	19.31	19.36	19.27	20.00
		1	49	19.15	19.11	19.22	20.00
		25	0	19.13	19.27	19.08	20.00
		25	13	19.21	19.27	19.15	20.00
		25	25	19.15	19.14	19.37	20.00
		50	0	19.03	18.97	19.06	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	23.57	23.51	23.54	25.00
		1	38	23.52	23.59	23.57	25.00



		1	74	23.51	23.54	23.56	25.00		
		36	0	22.63	22.80	22.63	24.00		
		36	18	22.85	22.52	22.75	24.00		
		36	39	22.74	22.64	22.70	24.00		
		75	0	22.67	22.82	22.66	24.00		
		1	0	22.61	22.58	22.78	24.00		
		1	38	22.58	22.80	22.61	24.00		
	16QAM	1	74	22.65	22.70	22.70	24.00		
		36	0	21.68	21.79	21.67	23.00		
		36	18	21.66	21.67	21.72	23.00		
		36	39	21.68	21.74	21.87	23.00		
		75	0	21.76	21.58	21.66	23.00		
		1	0	21.65	21.57	21.77	23.00		
		1	38	21.67	21.72	21.60	23.00		
	64QAM	1	74	21.74	21.87	21.64	23.00		
		36	0	20.89	20.93	20.87	22.00		
		36	18	20.72	20.81	20.74	22.00		
		36	39	21.05	20.98	20.94	22.00		
		75	0	20.94	21.05	21.03	22.00		
		1	0	19.12	19.23	19.20	20.00		
		1	38	19.31	19.32	19.32	20.00		
	256QAM	1	74	19.10	19.10	19.26	20.00		
		36	0	19.14	19.25	19.09	20.00		
		36	18	19.21	19.33	19.08	20.00		
		36	39	19.16	19.23	19.36	20.00		
		75	0	19.06	19.08	19.07	20.00		
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
		<b>20MHz</b>	QPSK	20850	21100	21350			
1	0			23.58	23.63	23.61	25.00		
1	50			23.55	23.57	23.58	25.00		
1	99			23.54	23.53	23.55	25.00		
50	0			22.57	22.84	22.67	24.00		
50	25			22.86	22.57	22.73	24.00		
50	50			22.75	22.70	22.71	24.00		
100	0		22.64	22.87	22.67	24.00			
16QAM	1		0	22.60	22.66	22.77	24.00		
	1		50	22.64	22.83	22.50	24.00		
	1		99	22.65	22.76	22.67	24.00		
	50		0	21.73	21.80	21.71	23.00		
	50		25	21.73	21.66	21.73	23.00		
	50		50	21.68	21.72	21.87	23.00		
	100		0	21.83	21.57	21.66	23.00		
64QAM	1		0	21.69	21.59	21.76	23.00		
	1		50	21.66	21.73	21.56	23.00		
	1		99	21.72	21.87	21.62	23.00		
	50		0	20.82	20.92	20.89	22.00		
	50		25	20.71	20.80	20.75	22.00		
	50		50	21.04	21.01	20.94	22.00		
	100		0	20.95	21.06	21.06	22.00		
256QAM	1		0	19.05	19.19	19.21	20.00		
	1		50	19.29	19.32	19.28	20.00		
	1		99	19.16	19.14	19.32	20.00		
	50		0	19.09	19.21	19.01	20.00		
	50		25	19.25	19.26	19.10	20.00		
	50		50	19.16	19.15	19.34	20.00		

		100	0	19.07	18.99	19.03	20.00
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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	17.11	17.16	17.20	18.50
		1	13	17.11	17.21	17.33	18.50
		1	24	17.20	17.19	17.15	18.50
		12	0	17.16	17.16	17.18	18.50
		12	6	17.16	17.21	17.31	18.50
		12	13	17.19	17.17	17.16	18.50
	16QAM	25	0	17.14	17.15	17.18	18.50
		1	0	17.16	17.25	17.30	18.50
		1	13	17.18	17.18	17.14	18.50
		1	24	17.15	17.13	17.18	18.50
		12	0	17.13	17.26	17.33	18.50
		12	6	17.22	17.21	17.16	18.50
	64QAM	12	13	17.18	17.11	17.19	18.50
		25	0	17.18	17.28	17.26	18.50
		1	0	17.23	17.22	17.18	18.50
		1	13	17.16	17.18	17.16	18.50
		1	24	17.11	17.26	17.34	18.50
		12	0	17.24	17.20	17.15	18.50
	256QAM	12	6	17.12	17.12	17.19	18.50
		12	13	17.17	17.29	17.28	18.50
		25	0	17.18	17.16	17.12	18.50
		1	0	17.15	17.18	17.11	18.50
		1	13	17.04	17.13	17.08	18.50
		1	24	17.07	17.11	17.22	18.50
10MHz	QPSK	12	0	17.12	17.15	17.01	18.50
		12	6	17.08	17.01	17.12	18.50
		12	13	17.08	17.24	17.17	18.50
		25	0	17.16	17.03	17.07	18.50
		1	0	17.17	17.11	17.13	18.50
		1	25	17.13	17.21	17.30	18.50
	16QAM	1	49	17.24	17.23	17.17	18.50
		25	0	17.13	17.18	17.17	18.50
		25	13	17.10	17.29	17.28	18.50
		25	25	17.18	17.18	17.11	18.50
		50	0	17.13	17.16	17.18	18.50
		1	0	17.16	17.28	17.31	18.50
	64QAM	1	25	17.23	17.24	17.16	18.50
		1	49	17.14	17.18	17.17	18.50
		25	0	17.12	17.25	17.27	18.50
		25	13	17.25	17.19	17.15	18.50
		25	25	17.12	17.15	17.16	18.50
		50	0	17.16	17.22	17.32	18.50

		1	49	17.13	17.21	17.32	18.50	
		25	0	17.18	17.17	17.12	18.50	
		25	13	17.19	17.18	17.15	18.50	
		25	25	17.17	17.28	17.28	18.50	
		50	0	17.16	17.19	17.15	18.50	
		256QAM	1	0	17.12	17.17	17.15	18.50
			1	25	17.12	17.14	17.04	18.50
			1	49	17.01	17.18	17.27	18.50
			25	0	17.14	17.16	17.13	18.50
				25	13	16.99	17.06	17.10
			25	25	17.05	17.17	17.14	18.50
			50	0	17.12	17.09	17.03	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
15MHz	QPSK	1	0	17.12	17.13	17.18	18.50	
		1	38	17.09	17.28	17.29	18.50	
		1	74	17.18	17.18	17.15	18.50	
		36	0	17.17	17.13	17.19	18.50	
		36	18	17.14	17.23	17.33	18.50	
		36	39	17.17	17.17	17.20	18.50	
		75	0	17.13	17.16	17.18	18.50	
	16QAM	1	0	17.15	17.26	17.27	18.50	
		1	38	17.24	17.18	17.15	18.50	
		1	74	17.15	17.17	17.17	18.50	
		36	0	17.13	17.21	17.33	18.50	
		36	18	17.16	17.19	17.11	18.50	
		36	39	17.14	17.11	17.14	18.50	
	64QAM	75	0	17.09	17.21	17.35	18.50	
		1	0	17.25	17.24	17.13	18.50	
		1	38	17.16	17.18	17.13	18.50	
		1	74	17.12	17.23	17.26	18.50	
		36	0	17.22	17.16	17.18	18.50	
		36	18	17.12	17.16	17.16	18.50	
		36	39	17.18	17.24	17.34	18.50	
	256QAM	75	0	17.24	17.22	17.17	18.50	
		1	0	17.08	17.15	17.16	18.50	
		1	38	17.11	17.16	17.13	18.50	
		1	74	17.11	17.14	17.25	18.50	
		36	0	17.22	17.10	17.04	18.50	
		36	18	17.02	17.08	17.05	18.50	
		36	39	17.11	17.22	17.15	18.50	
			75	0	17.14	17.06	17.05	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	17.14	17.41	17.19	18.50	
		1	50	17.17	17.28	17.27	18.50	
		1	99	17.24	17.21	17.13	18.50	
		50	0	17.13	17.35	17.18	18.50	
		50	25	17.12	17.21	17.34	18.50	
		50	50	17.18	17.17	17.13	18.50	
		100	0	17.13	17.26	17.21	18.50	
	16QAM	1	0	17.13	17.28	17.32	18.50	
		1	50	17.16	17.23	17.18	18.50	

		1	99	17.18	17.11	17.15	18.50
		50	0	17.12	17.28	17.32	18.50
		50	25	17.24	17.24	17.18	18.50
		50	50	17.19	17.11	17.15	18.50
		100	0	17.14	17.27	17.27	18.50
	64QAM	1	0	17.22	17.20	17.18	18.50
		1	50	17.16	17.16	17.16	18.50
		1	99	17.14	17.27	17.31	18.50
		50	0	17.17	17.17	17.17	18.50
		50	25	17.17	17.17	17.14	18.50
		50	50	17.18	17.20	17.29	18.50
	256QAM	100	0	17.17	17.23	17.13	18.50
		1	0	17.16	17.21	17.11	18.50
		1	50	17.06	17.14	17.08	18.50
		1	99	17.06	17.11	17.20	18.50
		50	0	17.21	17.16	17.04	18.50
		50	25	16.98	17.07	17.06	18.50
		50	50	17.03	17.23	17.26	18.50
	100	0	17.14	17.02	16.97	18.50	

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	18.17	18.23	18.22	19.50
		1	13	18.18	18.28	18.33	19.50
		1	24	18.23	18.16	18.21	19.50
		12	0	17.32	17.47	17.30	18.50
		12	6	17.50	17.20	17.50	18.50
		12	13	17.49	17.37	17.42	18.50
		25	0	17.29	17.53	17.24	18.50
	16QAM	1	0	17.36	17.36	17.45	18.50
		1	13	17.28	17.45	17.19	18.50
		1	24	17.38	17.41	17.33	18.50
		12	0	16.41	16.47	16.39	17.50
		12	6	16.42	16.40	16.43	17.50
		12	13	16.35	16.39	16.48	17.50
		25	0	16.43	16.28	16.31	17.50
	64QAM	1	0	16.38	16.24	16.40	17.50
		1	13	16.36	16.52	16.19	17.50
		1	24	16.27	16.29	16.25	17.50
		12	0	15.53	15.60	15.57	16.50
		12	6	15.39	15.46	15.48	16.50
		12	13	15.73	15.68	15.58	16.50
		25	0	15.59	15.74	15.77	16.50
	256QAM	1	0	13.02	13.06	12.97	14.50
		1	13	12.91	12.95	12.93	14.50
		1	24	12.93	13.13	13.12	14.50
		12	0	12.99	13.06	12.98	14.50
		12	6	12.89	12.95	13.09	14.50
		12	13	13.01	13.05	13.08	14.50
		25	0	12.96	13.03	12.96	14.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	18.20	18.23	18.18	19.50	
		1	25	18.18	18.23	18.30	19.50	
		1	49	18.22	18.18	18.20	19.50	
		25	0	17.33	17.56	17.32	18.50	
		25	13	17.52	17.17	17.49	18.50	
		25	25	17.47	17.45	17.41	18.50	
	16QAM	50	0	17.33	17.50	17.24	18.50	
		1	0	17.29	17.31	17.51	18.50	
		1	25	17.30	17.47	17.20	18.50	
		1	49	17.40	17.40	17.31	18.50	
		25	0	16.35	16.51	16.41	17.50	
		25	13	16.42	16.39	16.44	17.50	
	64QAM	25	25	16.38	16.42	16.48	17.50	
		50	0	16.42	16.21	16.27	17.50	
		1	0	16.32	16.29	16.45	17.50	
		1	25	16.42	16.52	16.26	17.50	
		1	49	16.26	16.30	16.22	17.50	
		25	0	15.53	15.53	15.57	16.50	
	256QAM	25	13	15.41	15.41	15.44	16.50	
		25	25	15.70	15.67	15.56	16.50	
		50	0	15.61	15.78	15.76	16.50	
		1	0	13.08	12.99	13.03	14.50	
		1	25	12.96	13.02	13.01	14.50	
		1	49	12.92	13.09	13.22	14.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	18.23	18.20	18.22	19.50
			1	38	18.21	18.25	18.27	19.50
1			74	18.22	18.22	18.20	19.50	
36			0	17.29	17.54	17.27	18.50	
36			18	17.49	17.20	17.50	18.50	
36			39	17.45	17.37	17.41	18.50	
75			0	17.34	17.57	17.27	18.50	
16QAM		1	0	17.31	17.35	17.48	18.50	
		1	38	17.31	17.50	17.16	18.50	
		1	74	17.41	17.44	17.29	18.50	
		36	0	16.40	16.49	16.41	17.50	
		36	18	16.38	16.42	16.47	17.50	
		36	39	16.31	16.42	16.50	17.50	
		75	0	16.44	16.28	16.26	17.50	
64QAM		1	0	16.35	16.24	16.45	17.50	
		1	38	16.43	16.50	16.22	17.50	
		1	74	16.23	16.25	16.26	17.50	
		36	0	15.56	15.60	15.62	16.50	
		36	18	15.38	15.47	15.46	16.50	
		36	39	15.75	15.72	15.53	16.50	
		75	0	15.54	15.76	15.70	16.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	1	0	12.98	13.01	13.02	14.50	
		1	38	12.99	13.03	12.95	14.50	
		1	74	13.00	13.02	13.13	14.50	
		36	0	13.10	13.02	12.97	14.50	
		36	18	12.89	12.96	13.03	14.50	
		36	39	13.02	13.17	13.08	14.50	
		75	0	13.04	12.97	13.00	14.50	
	QPSK	1	0	18.20	18.38	18.15	19.50	
		1	50	18.21	18.29	18.31	19.50	
		1	99	18.22	18.23	18.22	19.50	
		50	0	17.32	17.49	17.33	18.50	
		50	25	17.49	17.17	17.44	18.50	
		50	50	17.47	17.37	17.37	18.50	
		100	0	17.27	17.54	17.32	18.50	
		16QAM	1	0	17.31	17.31	17.46	18.50
			1	50	17.25	17.46	17.22	18.50
			1	99	17.39	17.43	17.30	18.50
			50	0	16.37	16.50	16.38	17.50
			50	25	16.38	16.40	16.45	17.50
			50	50	16.34	16.37	16.52	17.50
			100	0	16.44	16.27	16.30	17.50
		64QAM	1	0	16.35	16.23	16.40	17.50
			1	50	16.40	16.49	16.23	17.50
			1	99	16.23	16.26	16.29	17.50
			50	0	15.47	15.55	15.56	16.50
			50	25	15.39	15.38	15.44	16.50
			50	50	15.71	15.73	15.58	16.50
100			0	15.58	15.69	15.78	16.50	
256QAM	1	0	13.06	13.06	12.95	14.50		
	1	50	12.91	13.06	13.00	14.50		
	1	99	12.89	13.15	13.17	14.50		
	50	0	13.05	13.09	13.03	14.50		
	50	25	12.89	12.89	12.94	14.50		
	50	50	13.07	13.06	13.11	14.50		
	100	0	13.02	13.05	12.97	14.50		

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	23.09	23.17	23.14	24.70
		1	2	23.05	23.05	23.07	24.70
		1	5	23.05	23.07	23.06	24.70
		3	0	22.10	22.32	22.20	23.70
		3	2	22.28	22.06	22.22	23.70
		3	3	22.30	22.17	22.24	23.70
		6	0	22.17	22.29	22.21	23.70
	16QAM	1	0	22.08	22.08	22.21	23.70
		1	2	22.05	22.30	22.01	23.70
		1	5	22.15	22.22	22.21	23.70

	64QAM	3	0	21.24	21.35	21.19	22.70
		3	2	21.24	21.23	21.19	22.70
		3	3	21.21	21.21	21.40	22.70
		6	0	21.24	21.08	21.12	22.70
		1	0	21.14	21.12	21.23	22.70
		1	2	20.96	20.97	21.07	22.70
		1	5	21.06	20.94	21.09	22.70
		3	0	21.23	21.24	21.35	22.70
	256QAM	3	2	21.21	21.24	21.23	22.70
		3	3	21.08	21.21	21.21	22.70
		6	0	20.50	20.61	20.51	21.70
		1	0	18.59	18.65	18.78	19.70
		1	2	18.86	18.86	18.82	19.70
		1	5	18.70	18.74	18.82	19.70
		3	0	18.55	18.66	18.51	19.70
		3	2	18.71	18.75	18.56	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.10	23.20	23.10	24.70
		1	7	23.03	23.05	23.09	24.70
		1	14	23.00	23.01	23.04	24.70
		8	0	22.10	22.34	22.20	23.70
		8	4	22.29	22.08	22.28	23.70
		8	7	22.28	22.18	22.23	23.70
		15	0	22.14	22.27	22.19	23.70
	16QAM	1	0	22.08	22.09	22.23	23.70
		1	7	22.09	22.25	22.05	23.70
		1	14	22.14	22.21	22.15	23.70
		8	0	21.17	21.34	21.23	22.70
		8	4	21.17	21.24	21.26	22.70
		8	7	21.23	21.22	21.36	22.70
		15	0	21.30	21.10	21.18	22.70
	64QAM	1	0	21.13	21.16	21.30	22.70
		1	7	20.95	20.93	21.03	22.70
		1	14	21.04	20.95	21.14	22.70
		8	0	20.40	20.37	20.36	21.70
		8	4	20.29	20.23	20.33	21.70
		8	7	20.53	20.45	20.37	21.70
		15	0	20.47	20.56	20.50	21.70
	256QAM	1	0	18.57	18.68	18.71	19.70
		1	7	18.88	18.81	18.84	19.70
		1	14	18.66	18.70	18.90	19.70
		8	0	18.56	18.79	18.49	19.70
		8	4	18.80	18.79	18.67	19.70
		8	7	18.61	18.62	18.88	19.70
		15	0	18.62	18.58	18.53	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.13	23.15	23.15	24.70
		1	13	23.01	23.11	23.10	24.70
		1	24	23.00	23.07	23.04	24.70
		12	0	22.04	22.39	22.21	23.70
		12	6	22.33	22.01	22.26	23.70



		12	13	22.29	22.12	22.23	23.70			
		25	0	22.09	22.28	22.15	23.70			
	16QAM	1	0	22.14	22.11	22.21	23.70			
		1	13	22.06	22.31	22.04	23.70			
		1	24	22.17	22.25	22.20	23.70			
		12	0	21.25	21.27	21.24	22.70			
		12	6	21.22	21.18	21.22	22.70			
		12	13	21.16	21.20	21.35	22.70			
		25	0	21.29	21.10	21.19	22.70			
	64QAM	1	0	21.19	21.12	21.22	22.70			
		1	13	20.91	20.91	21.05	22.70			
		1	24	21.08	20.95	21.09	22.70			
		12	0	20.37	20.39	20.34	21.70			
		12	6	20.27	20.28	20.30	21.70			
		12	13	20.50	20.50	20.38	21.70			
	256QAM	25	0	20.44	20.60	20.54	21.70			
		1	0	18.60	18.73	18.77	19.70			
		1	13	18.82	18.91	18.85	19.70			
		1	24	18.69	18.70	18.80	19.70			
		12	0	18.55	18.75	18.50	19.70			
		12	6	18.71	18.75	18.63	19.70			
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					132022	132322	132622			
			10MHz	QPSK	1	0	23.11	23.20	23.15	24.70
					1	25	23.01	23.06	23.06	24.70
1					49	23.03	23.01	23.07	24.70	
25					0	22.12	22.36	22.13	23.70	
25					13	22.30	22.07	22.29	23.70	
25					25	22.27	22.11	22.18	23.70	
50					0	22.13	22.33	22.13	23.70	
16QAM				1	0	22.10	22.10	22.19	23.70	
	1	25		22.09	22.25	22.06	23.70			
	1	49		22.11	22.21	22.20	23.70			
	25	0		21.25	21.31	21.23	22.70			
	25	13		21.26	21.23	21.22	22.70			
	25	25		21.18	21.22	21.34	22.70			
64QAM	50	0		21.28	21.07	21.11	22.70			
	1	0		21.15	21.13	21.25	22.70			
	1	25		20.95	20.95	21.05	22.70			
	1	49		21.06	21.01	21.14	22.70			
	25	0		20.34	20.36	20.38	21.70			
	25	13		20.25	20.22	20.28	21.70			
	25	25		20.47	20.44	20.38	21.70			
	50	0		20.43	20.54	20.52	21.70			
256QAM	1	0		18.63	18.76	18.74	19.70			
	1	25		18.84	18.90	18.86	19.70			
	1	49		18.69	18.67	18.86	19.70			
	25	0		18.64	18.75	18.53	19.70			
	25	13		18.82	18.83	18.70	19.70			
	25	25		18.75	18.65	18.82	19.70			
	50	0		18.60	18.56	18.48	19.70			
<b>Bandwidth</b>	Modulation	RB size		RB offset	Channel	Channel	Channel	Tune up		
					132047	132322	132597			

<b>15MHz</b>	QPSK	1	0	23.13	23.13	23.12	24.70
		1	38	23.02	23.08	23.08	24.70
		1	74	23.04	23.03	23.00	24.70
		36	0	22.11	22.33	22.13	23.70
		36	18	22.29	22.04	22.24	23.70
		36	39	22.23	22.17	22.21	23.70
		75	0	22.17	22.31	22.19	23.70
	16QAM	1	0	22.11	22.05	22.24	23.70
		1	38	22.09	22.27	22.00	23.70
		1	74	22.14	22.25	22.16	23.70
		36	0	21.26	21.29	21.23	22.70
		36	18	21.20	21.25	21.23	22.70
		36	39	21.22	21.22	21.35	22.70
		75	0	21.24	21.05	21.17	22.70
	64QAM	1	0	21.11	21.13	21.23	22.70
		1	38	20.89	20.91	21.09	22.70
		1	74	21.03	20.94	21.16	22.70
		36	0	20.38	20.39	20.35	21.70
		36	18	20.25	20.26	20.28	21.70
		36	39	20.49	20.44	20.41	21.70
		75	0	20.47	20.62	20.48	21.70
	256QAM	1	0	18.56	18.67	18.78	19.70
		1	38	18.79	18.85	18.79	19.70
		1	74	18.69	18.72	18.85	19.70
		36	0	18.55	18.71	18.59	19.70
		36	18	18.83	18.77	18.63	19.70
		36	39	18.62	18.72	18.89	19.70
		75	0	18.56	18.54	18.56	19.70
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132072	<b>Channel</b> 132322	<b>Channel</b> 132572	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	23.08	23.27	23.14	24.70
		1	50	23.00	23.11	23.11	24.70
		1	99	23.09	23.06	23.01	24.70
		50	0	22.07	22.37	22.19	23.70
		50	25	22.35	22.09	22.24	23.70
		50	50	22.27	22.17	22.24	23.70
		100	0	22.16	22.28	22.19	23.70
	16QAM	1	0	22.12	22.05	22.19	23.70
		1	50	22.04	22.24	22.01	23.70
		1	99	22.13	22.23	22.13	23.70
		50	0	21.19	21.28	21.20	22.70
		50	25	21.24	21.18	21.20	22.70
		50	50	21.17	21.21	21.37	22.70
		100	0	21.26	21.10	21.18	22.70
	64QAM	1	0	21.18	21.15	21.29	22.70
		1	50	20.96	20.90	21.10	22.70
		1	99	21.09	20.99	21.12	22.70
		50	0	20.36	20.41	20.35	21.70
		50	25	20.24	20.29	20.34	21.70
		50	50	20.54	20.45	20.39	21.70
		100	0	20.47	20.60	20.54	21.70
	256QAM	1	0	18.51	18.65	18.73	19.70
		1	50	18.78	18.91	18.81	19.70
		1	99	18.61	18.67	18.87	19.70
		50	0	18.60	18.72	18.58	19.70



		50	25	18.75	18.78	18.60	19.70
		50	50	18.76	18.65	18.81	19.70
		100	0	18.56	18.53	18.59	19.70

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	19.31	19.37	19.32	20.70	
		1	2	19.28	19.24	19.31	20.70	
		1	5	19.27	19.21	19.23	20.70	
		3	0	19.28	19.37	19.31	20.70	
		3	2	19.30	19.28	19.26	20.70	
		3	3	19.24	19.26	19.23	20.70	
	16QAM	6	0	19.34	19.37	19.28	20.70	
		1	0	19.25	19.23	19.31	20.70	
		1	2	19.25	19.28	19.26	20.70	
		1	5	19.29	19.41	19.30	20.70	
		3	0	19.32	19.23	19.30	20.70	
		3	2	19.28	19.23	19.21	20.70	
	64QAM	3	3	19.35	19.39	19.36	20.70	
		6	0	19.34	19.22	19.26	20.70	
		1	0	19.23	19.24	19.27	20.70	
		1	2	19.30	19.38	19.33	20.70	
		1	5	19.30	19.24	19.30	20.70	
		3	0	19.30	19.28	19.27	20.70	
	256QAM	3	2	19.34	19.42	19.32	20.70	
		3	3	19.31	19.21	19.25	20.70	
		6	0	19.24	19.21	19.27	20.70	
		1	0	18.59	18.65	18.78	19.70	
		1	2	18.86	18.86	18.82	19.70	
		1	5	18.70	18.74	18.82	19.70	
3MHz	QPSK	3	0	18.55	18.66	18.51	19.70	
		3	2	18.71	18.75	18.56	19.70	
		3	3	18.66	18.63	18.90	19.70	
		6	0	18.52	18.53	18.54	19.70	
		1	0	19.33	19.40	19.33	20.70	
		1	7	19.30	19.21	19.33	20.70	
	16QAM	1	14	19.27	19.24	19.20	20.70	
		8	0	19.32	19.38	19.30	20.70	
		8	4	19.28	19.27	19.31	20.70	
		8	7	19.29	19.22	19.23	20.70	
		15	0	19.35	19.34	19.36	20.70	
		1	0	19.28	19.21	19.29	20.70	
	64QAM	1	7	19.23	19.28	19.21	20.70	
		1	14	19.35	19.36	19.32	20.70	
		8	0	19.27	19.21	19.32	20.70	
		8	4	19.30	19.23	19.25	20.70	
		8	7	19.32	19.41	19.34	20.70	
		15	0	19.31	19.27	19.30	20.70	
			1	0	19.24	19.27	19.23	20.70
			1	7	19.34	19.38	19.30	20.70
			1	14	19.30	19.24	19.28	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	256QAM	8	0	19.25	19.21	19.23	20.70	
		8	4	19.30	19.40	19.35	20.70	
		8	7	19.25	19.22	19.31	20.70	
		15	0	19.28	19.20	19.23	20.70	
		1	0	18.57	18.68	18.71	19.70	
		1	7	18.88	18.81	18.84	19.70	
		1	14	18.66	18.70	18.90	19.70	
		8	0	18.56	18.79	18.49	19.70	
		8	4	18.80	18.79	18.67	19.70	
	8	7	18.61	18.62	18.88	19.70		
	15	0	18.62	18.58	18.53	19.70		
	5MHz	QPSK	1	0	19.31	19.42	19.33	20.70
			1	13	19.31	19.26	19.32	20.70
			1	24	19.23	19.24	19.20	20.70
			12	0	19.32	19.35	19.35	20.70
			12	6	19.34	19.23	19.32	20.70
			12	13	19.24	19.28	19.23	20.70
			25	0	19.30	19.37	19.37	20.70
16QAM		1	0	19.27	19.28	19.30	20.70	
		1	13	19.24	19.26	19.24	20.70	
		1	24	19.29	19.42	19.28	20.70	
		12	0	19.31	19.23	19.32	20.70	
		12	6	19.24	19.25	19.22	20.70	
		12	13	19.34	19.40	19.36	20.70	
		25	0	19.28	19.26	19.28	20.70	
64QAM		1	0	19.27	19.22	19.27	20.70	
		1	13	19.28	19.39	19.31	20.70	
		1	24	19.30	19.20	19.32	20.70	
		12	0	19.23	19.27	19.26	20.70	
		12	6	19.37	19.37	19.34	20.70	
		12	13	19.33	19.21	19.32	20.70	
		25	0	19.23	19.24	19.24	20.70	
256QAM		1	0	18.60	18.73	18.77	19.70	
		1	13	18.82	18.91	18.85	19.70	
		1	24	18.69	18.70	18.80	19.70	
		12	0	18.55	18.75	18.50	19.70	
		12	6	18.71	18.75	18.63	19.70	
		12	13	18.74	18.71	18.81	19.70	
	25	0	18.53	18.52	18.54	19.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	19.33	19.35	19.35	20.70	
		1	25	19.26	19.26	19.26	20.70	
		1	49	19.23	19.25	19.26	20.70	
		25	0	19.29	19.33	19.36	20.70	
		25	13	19.30	19.25	19.31	20.70	
		25	25	19.25	19.20	19.21	20.70	
		50	0	19.30	19.35	19.30	20.70	
		16QAM	1	0	19.29	19.26	19.26	20.70
			1	25	19.27	19.26	19.24	20.70
	1		49	19.35	19.37	19.34	20.70	
	25		0	19.31	19.28	19.29	20.70	
	25		13	19.27	19.19	19.23	20.70	
	25		25	19.27	19.19	19.23	20.70	

		25	25	19.29	19.38	19.36	20.70
		50	0	19.29	19.22	19.27	20.70
		1	0	19.25	19.22	19.21	20.70
	64QAM	1	25	19.33	19.39	19.32	20.70
		1	49	19.32	19.25	19.32	20.70
		25	0	19.27	19.22	19.22	20.70
		25	13	19.35	19.36	19.35	20.70
		25	25	19.30	19.23	19.33	20.70
		50	0	19.30	19.23	19.22	20.70
		1	0	18.63	18.76	18.74	19.70
	256QAM	1	25	18.84	18.90	18.86	19.70
		1	49	18.69	18.67	18.86	19.70
		25	0	18.64	18.75	18.53	19.70
		25	13	18.82	18.83	18.70	19.70
		25	25	18.75	18.65	18.82	19.70
50		0	18.60	18.56	18.48	19.70	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132047	<b>Channel</b> 132322	<b>Channel</b> 132597	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	19.35	19.40	19.29	20.70
		1	38	19.29	19.20	19.28	20.70
		1	74	19.30	19.23	19.19	20.70
		36	0	19.35	19.38	19.35	20.70
		36	18	19.28	19.25	19.27	20.70
		36	39	19.24	19.25	19.26	20.70
		75	0	19.32	19.42	19.33	20.70
	16QAM	1	0	19.32	19.28	19.30	20.70
		1	38	19.30	19.24	19.19	20.70
		1	74	19.29	19.39	19.36	20.70
		36	0	19.26	19.22	19.31	20.70
		36	18	19.30	19.21	19.26	20.70
		36	39	19.36	19.39	19.35	20.70
		75	0	19.27	19.22	19.33	20.70
	64QAM	1	0	19.26	19.25	19.20	20.70
		1	38	19.33	19.38	19.31	20.70
		1	74	19.28	19.23	19.32	20.70
		36	0	19.28	19.26	19.25	20.70
		36	18	19.28	19.37	19.30	20.70
		36	39	19.32	19.21	19.29	20.70
		75	0	19.22	19.27	19.21	20.70
	256QAM	1	0	18.56	18.67	18.78	19.70
		1	38	18.79	18.85	18.79	19.70
		1	74	18.69	18.72	18.85	19.70
		36	0	18.55	18.71	18.59	19.70
		36	18	18.83	18.77	18.63	19.70
		36	39	18.62	18.72	18.89	19.70
		75	0	18.56	18.54	18.56	19.70
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132072	<b>Channel</b> 132322	<b>Channel</b> 132572	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	19.37	19.48	19.35	20.70
		1	50	19.26	19.28	19.34	20.70
		1	99	19.27	19.24	19.20	20.70
		50	0	19.32	19.34	19.28	20.70
		50	25	19.28	19.25	19.30	20.70
		50	50	19.25	19.20	19.25	20.70
		100	0	19.28	19.34	19.30	20.70

	16QAM	1	0	19.28	19.20	19.34	20.70
		1	50	19.24	19.25	19.19	20.70
		1	99	19.32	19.33	19.36	20.70
		50	0	19.33	19.28	19.26	20.70
		50	25	19.25	19.24	19.24	20.70
		50	50	19.32	19.40	19.29	20.70
		100	0	19.27	19.24	19.34	20.70
	64QAM	1	0	19.26	19.27	19.23	20.70
		1	50	19.33	19.40	19.34	20.70
		1	99	19.31	19.23	19.31	20.70
		50	0	19.23	19.26	19.21	20.70
		50	25	19.32	19.40	19.34	20.70
		50	50	19.32	19.26	19.32	20.70
	256QAM	100	0	19.30	19.25	19.22	20.70
		1	0	18.51	18.65	18.73	19.70
		1	50	18.78	18.91	18.81	19.70
		1	99	18.61	18.67	18.87	19.70
		50	0	18.60	18.72	18.58	19.70
		50	25	18.75	18.78	18.60	19.70
		50	50	18.76	18.65	18.81	19.70
	100	0	18.56	18.53	18.59	19.70	

LTE Band 38				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.38	24.44	24.44	25.50
		1	13	24.34	24.37	24.37	25.50
		1	24	24.35	24.37	24.30	25.50
		12	0	23.43	23.65	23.46	24.50
		12	6	23.57	23.31	23.53	24.50
		12	13	23.58	23.48	23.53	24.50
		25	0	23.42	23.62	23.42	24.50
	16QAM	1	0	23.44	23.36	23.52	24.50
		1	13	23.36	23.53	23.35	24.50
		1	24	23.42	23.52	23.43	24.50
		12	0	22.48	22.56	22.48	23.50
		12	6	22.48	22.53	22.50	23.50
		12	13	22.52	22.50	22.71	23.50
		25	0	22.60	22.40	22.44	23.50
	64QAM	1	0	22.43	22.38	22.51	23.50
		1	13	22.25	22.25	22.33	23.50
		1	24	22.31	22.27	22.40	23.50
		12	0	21.65	21.71	21.61	22.50
		12	6	21.52	21.52	21.59	22.50
		12	13	21.78	21.72	21.67	22.50
		25	0	21.74	21.90	21.79	22.50
	256QAM	1	0	18.94	18.96	18.85	20.50
		1	13	18.92	18.89	18.96	20.50
		1	24	18.86	18.95	19.11	20.50
		12	0	19.01	18.83	18.93	20.50
		12	6	18.95	18.96	18.91	20.50
		12	13	18.94	19.05	18.99	20.50
		25	0	19.03	18.82	18.76	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	24.36	24.45	24.44	25.50	
		1	25	24.34	24.38	24.40	25.50	
		1	49	24.36	24.38	24.33	25.50	
		25	0	23.40	23.69	23.45	24.50	
		25	13	23.63	23.38	23.56	24.50	
		25	25	23.53	23.44	23.49	24.50	
	16QAM	50	0	23.41	23.56	23.48	24.50	
		1	0	23.43	23.34	23.54	24.50	
		1	25	23.36	23.60	23.32	24.50	
		1	49	23.41	23.57	23.49	24.50	
		25	0	22.50	22.57	22.49	23.50	
		25	13	22.48	22.51	22.55	23.50	
	64QAM	25	25	22.47	22.53	22.64	23.50	
		50	0	22.60	22.36	22.44	23.50	
		1	0	22.41	22.44	22.57	23.50	
		1	25	22.25	22.24	22.37	23.50	
		1	49	22.38	22.28	22.38	23.50	
		25	0	21.68	21.70	21.64	22.50	
	256QAM	25	13	21.59	21.58	21.60	22.50	
		25	25	21.78	21.81	21.71	22.50	
		50	0	21.77	21.84	21.80	22.50	
		1	0	18.89	18.96	18.85	20.50	
		1	25	19.01	18.94	19.05	20.50	
		1	49	18.80	19.04	19.00	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	15MHz	QPSK	25	0	23.40	23.34	23.54	24.50
			1	0	24.37	24.45	24.46	25.50
			1	38	24.29	24.37	24.37	25.50
			1	74	24.32	24.39	24.34	25.50
36			0	23.36	23.68	23.50	24.50	
36			18	23.65	23.39	23.50	24.50	
16QAM		36	39	23.59	23.46	23.49	24.50	
		75	0	23.43	23.54	23.51	24.50	
		1	0	23.40	23.34	23.54	24.50	
		1	38	23.37	23.56	23.32	24.50	
		1	74	23.42	23.52	23.50	24.50	
		36	0	22.54	22.64	22.54	23.50	
64QAM		36	18	22.56	22.50	22.55	23.50	
		36	39	22.50	22.46	22.70	23.50	
		75	0	22.58	22.38	22.49	23.50	
		1	0	22.47	22.41	22.57	23.50	
		1	38	22.19	22.29	22.41	23.50	
		1	74	22.32	22.25	22.42	23.50	
256QAM		36	0	21.64	21.65	21.62	22.50	
		36	18	21.54	21.55	21.62	22.50	
		36	39	21.77	21.80	21.71	22.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
15MHz		256QAM	75	0	21.77	21.86	21.85	22.50
	1		0	18.90	18.99	18.95	20.50	
15MHz	256QAM	1	38	18.95	18.88	19.03	20.50	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	74	18.85	19.03	19.11	20.50
		36	0	18.88	18.82	18.86	20.50
		36	18	19.05	18.95	18.97	20.50
		36	39	18.98	19.02	19.07	20.50
		75	0	18.94	18.81	18.78	20.50
		1	0	24.42	24.55	24.41	25.50
	16QAM	1	50	24.33	24.33	24.39	25.50
		1	99	24.39	24.39	24.34	25.50
		50	0	23.42	23.69	23.46	24.50
		50	25	23.65	23.31	23.56	24.50
		50	50	23.55	23.41	23.50	24.50
		100	0	23.44	23.61	23.46	24.50
		1	0	23.43	23.35	23.53	24.50
		1	50	23.34	23.54	23.33	24.50
		1	99	23.43	23.59	23.45	24.50
		50	0	22.51	22.57	22.47	23.50
	64QAM	50	25	22.54	22.52	22.54	23.50
		50	50	22.45	22.47	22.66	23.50
		100	0	22.52	22.41	22.41	23.50
		1	0	22.48	22.43	22.55	23.50
		1	50	22.23	22.23	22.36	23.50
		1	99	22.37	22.30	22.42	23.50
		50	0	21.68	21.70	21.68	22.50
		50	25	21.53	21.57	21.63	22.50
	256QAM	50	50	21.79	21.75	21.69	22.50
		100	0	21.73	21.84	21.81	22.50
		1	0	18.87	19.04	18.85	20.50
		1	50	18.94	18.94	19.05	20.50
		1	99	18.75	19.00	19.08	20.50
		50	0	18.90	18.82	18.93	20.50
20MHz	50	25	18.94	18.94	18.87	20.50	
	50	50	18.98	19.15	19.01	20.50	
	100	0	18.95	18.78	18.84	20.50	

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	19.59	19.60	19.62	20.50
		1	13	19.50	19.50	19.59	20.50
		1	24	19.47	19.59	19.49	20.50
		12	0	19.52	19.56	19.63	20.50
		12	6	19.53	19.50	19.56	20.50
		12	13	19.46	19.60	19.50	20.50
	16QAM	25	0	19.52	19.59	19.67	20.50
		1	0	19.48	19.53	19.59	20.50
		1	13	19.49	19.59	19.54	20.50
		1	24	19.52	19.53	19.66	20.50
		12	0	19.53	19.54	19.58	20.50
		12	6	19.53	19.58	19.54	20.50
		12	13	19.59	19.58	19.61	20.50
		25	0	19.49	19.54	19.54	20.50



	64QAM	1	0	19.51	19.58	19.57	20.50	
		1	13	19.57	19.57	19.61	20.50	
		1	24	19.53	19.53	19.61	20.50	
		12	0	19.52	19.60	19.54	20.50	
		12	6	19.51	19.54	19.62	20.50	
		12	13	19.55	19.51	19.56	20.50	
		25	0	19.47	19.61	19.50	20.50	
	256QAM	1	0	19.44	19.49	19.57	20.50	
		1	13	19.46	19.55	19.57	20.50	
		1	24	19.44	19.48	19.48	20.50	
		12	0	19.43	19.57	19.52	20.50	
		12	6	19.44	19.45	19.48	20.50	
		12	13	19.54	19.45	19.45	20.50	
		25	0	19.34	19.57	19.39	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
<b>10MHz</b>	QPSK	1	0	37800	38000	38200		
		1	25	19.59	19.61	19.67	20.50	
		1	49	19.50	19.50	19.59	20.50	
		1	49	19.47	19.62	19.56	20.50	
		25	0	19.59	19.54	19.64	20.50	
		25	13	19.55	19.49	19.54	20.50	
		25	25	19.47	19.63	19.50	20.50	
	16QAM	50	0	19.58	19.55	19.62	20.50	
		1	0	19.54	19.50	19.56	20.50	
		1	25	19.50	19.56	19.49	20.50	
		1	49	19.55	19.59	19.66	20.50	
		25	0	19.49	19.50	19.58	20.50	
		25	13	19.51	19.62	19.54	20.50	
		25	25	19.52	19.56	19.66	20.50	
	64QAM	50	0	19.56	19.52	19.56	20.50	
		1	0	19.46	19.60	19.48	20.50	
		1	25	19.53	19.60	19.63	20.50	
		1	49	19.49	19.57	19.62	20.50	
		25	0	19.47	19.57	19.52	20.50	
		25	13	19.55	19.60	19.62	20.50	
		25	25	19.55	19.53	19.53	20.50	
	256QAM	50	0	19.53	19.58	19.54	20.50	
		1	0	19.47	19.55	19.43	20.50	
		1	25	19.55	19.45	19.61	20.50	
		1	49	19.48	19.44	19.55	20.50	
		25	0	19.43	19.50	19.43	20.50	
		25	13	19.46	19.45	19.58	20.50	
		25	25	19.47	19.37	19.48	20.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
	<b>15MHz</b>	QPSK	1	0	37825	38000	38175	
1			38	19.54	19.59	19.68	20.50	
1			74	19.49	19.50	19.58	20.50	
1			74	19.49	19.59	19.54	20.50	
36			0	19.58	19.60	19.62	20.50	
36			18	19.54	19.57	19.57	20.50	
36			39	19.50	19.54	19.49	20.50	
16QAM		75	0	19.57	19.56	19.67	20.50	
		1	0	19.53	19.52	19.57	20.50	
		1	38	19.46	19.61	19.52	20.50	

		1	74	19.58	19.54	19.68	20.50	
		36	0	19.48	19.55	19.57	20.50	
		36	18	19.46	19.60	19.53	20.50	
		36	39	19.57	19.57	19.65	20.50	
		75	0	19.51	19.50	19.61	20.50	
	64QAM	1	0	19.47	19.55	19.56	20.50	
		1	38	19.57	19.54	19.66	20.50	
		1	74	19.52	19.49	19.60	20.50	
		36	0	19.47	19.54	19.52	20.50	
		36	18	19.57	19.57	19.59	20.50	
		36	39	19.54	19.55	19.61	20.50	
	256QAM	75	0	19.47	19.57	19.54	20.50	
		1	0	19.49	19.54	19.51	20.50	
		1	38	19.52	19.45	19.47	20.50	
		1	74	19.47	19.50	19.47	20.50	
		36	0	19.38	19.55	19.47	20.50	
		36	18	19.40	19.43	19.50	20.50	
		36	39	19.47	19.46	19.47	20.50	
	75	0	19.38	19.60	19.46	20.50		
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	19.55	20.25	19.62	20.50	
		1	50	19.54	19.53	19.56	20.50	
		1	99	19.48	19.59	19.49	20.50	
		50	0	19.53	20.20	19.66	20.50	
		50	25	19.51	19.56	19.58	20.50	
		50	50	19.46	19.57	19.55	20.50	
		100	0	19.52	20.17	19.65	20.50	
	16QAM	1	0	19.51	19.52	19.61	20.50	
		1	50	19.47	19.62	19.49	20.50	
		1	99	19.52	19.60	19.61	20.50	
		50	0	19.50	19.51	19.54	20.50	
		50	25	19.52	19.60	19.53	20.50	
		50	50	19.59	19.54	19.63	20.50	
	64QAM	100	0	19.53	19.50	19.61	20.50	
		1	0	19.47	19.54	19.53	20.50	
		1	50	19.57	19.61	19.64	20.50	
		1	99	19.51	19.48	19.61	20.50	
		50	0	19.49	19.62	19.52	20.50	
		50	25	19.57	19.54	19.66	20.50	
		50	50	19.50	19.48	19.54	20.50	
	256QAM	100	0	19.51	19.56	19.54	20.50	
		1	0	19.45	19.47	19.51	20.50	
		1	50	19.55	19.53	19.58	20.50	
		1	99	19.41	19.50	19.47	20.50	
		50	0	19.40	19.52	19.50	20.50	
		50	25	19.41	19.47	19.49	20.50	
		50	50	19.54	19.48	19.54	20.50	
	100	0	19.43	19.60	19.37	20.50		

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	21.46	21.53	21.53	22.50	
		1	13	21.45	21.52	21.50	22.50	
		1	24	21.47	21.52	21.45	22.50	
		12	0	20.59	20.80	20.57	21.50	
		12	6	20.69	20.44	20.66	21.50	
		12	13	20.74	20.63	20.66	21.50	
	16QAM	25	0	20.58	20.76	20.56	21.50	
		1	0	20.54	20.44	20.68	21.50	
		1	13	20.52	20.69	20.47	21.50	
		1	24	20.55	20.62	20.53	21.50	
		12	0	19.65	19.65	19.63	20.50	
		12	6	19.61	19.70	19.60	20.50	
	64QAM	12	13	19.62	19.65	19.81	20.50	
		25	0	19.75	19.56	19.60	20.50	
		1	0	19.54	19.53	19.60	20.50	
		1	13	19.33	19.35	19.48	20.50	
		1	24	19.43	19.39	19.50	20.50	
		12	0	18.80	18.87	18.78	19.50	
	256QAM	12	6	18.61	18.66	18.74	19.50	
		12	13	18.88	18.82	18.77	19.50	
		25	0	18.86	18.98	18.89	19.50	
		1	0	16.59	16.62	16.59	17.50	
		1	13	16.53	16.62	16.63	17.50	
		1	24	16.61	16.54	16.61	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
	10MHz	QPSK	1	0	21.52	21.60	21.57	22.50
			1	25	21.43	21.50	21.46	22.50
1			49	21.49	21.54	21.39	22.50	
25			0	20.52	20.81	20.56	21.50	
25			13	20.74	20.41	20.68	21.50	
25			25	20.73	20.64	20.68	21.50	
16QAM		50	0	20.55	20.75	20.55	21.50	
		1	0	20.55	20.52	20.66	21.50	
		1	25	20.48	20.61	20.51	21.50	
		1	49	20.53	20.63	20.59	21.50	
		25	0	19.63	19.72	19.58	20.50	
		25	13	19.58	19.66	19.62	20.50	
64QAM		25	25	19.67	19.62	19.80	20.50	
		50	0	19.70	19.49	19.52	20.50	
		1	0	19.56	19.53	19.65	20.50	
		1	25	19.41	19.40	19.41	20.50	
		1	49	19.45	19.43	19.50	20.50	
		25	0	18.73	18.82	18.73	19.50	
256QAM		25	13	18.61	18.61	18.71	19.50	
		25	25	18.92	18.84	18.79	19.50	
		50	0	18.87	18.99	18.92	19.50	
		1	0	16.54	16.62	16.63	17.50	
		1	25	16.60	16.55	16.65	17.50	
		1	49	16.62	16.60	16.60	17.50	
			25	0	16.60	16.59	16.50	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	13	37825	38000	38175	
15MHz	QPSK	25	13	16.51	16.63	16.63	17.50
		25	25	16.56	16.60	16.57	17.50
		50	0	16.47	16.66	16.54	17.50
		1	0	21.47	21.55	21.61	22.50
		1	38	21.45	21.47	21.52	22.50
		1	74	21.44	21.48	21.44	22.50
		36	0	20.56	20.74	20.59	21.50
	16QAM	36	18	20.68	20.40	20.63	21.50
		36	39	20.68	20.61	20.66	21.50
		75	0	20.59	20.72	20.53	21.50
		1	0	20.60	20.49	20.64	21.50
		1	38	20.53	20.67	20.50	21.50
		1	74	20.51	20.66	20.57	21.50
		36	0	19.64	19.72	19.61	20.50
	64QAM	36	18	19.58	19.62	19.63	20.50
		36	39	19.68	19.64	19.85	20.50
		75	0	19.69	19.55	19.53	20.50
		1	0	19.56	19.53	19.59	20.50
		1	38	19.34	19.38	19.48	20.50
		1	74	19.42	19.43	19.53	20.50
		36	0	18.76	18.86	18.72	19.50
	256QAM	36	18	18.67	18.65	18.74	19.50
		36	39	18.87	18.86	18.77	19.50
		75	0	18.83	19.07	18.89	19.50
		1	0	16.46	16.65	16.66	17.50
		1	38	16.64	16.56	16.58	17.50
		1	74	16.59	16.57	16.60	17.50
		36	0	16.59	16.60	16.63	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		37850	38000	38150			
20MHz	QPSK	1	0	21.46	21.64	21.52	22.50
		1	50	21.47	21.52	21.49	22.50
		1	99	21.46	21.48	21.41	22.50
		50	0	20.55	20.77	20.61	21.50
		50	25	20.69	20.41	20.69	21.50
		50	50	20.68	20.57	20.66	21.50
		100	0	20.54	20.72	20.58	21.50
	16QAM	1	0	20.58	20.52	20.66	21.50
		1	50	20.44	20.68	20.44	21.50
		1	99	20.58	20.64	20.51	21.50
		50	0	19.57	19.67	19.59	20.50
		50	25	19.58	19.63	19.59	20.50
		50	50	19.66	19.62	19.80	20.50
		100	0	19.75	19.50	19.55	20.50
	64QAM	1	0	19.56	19.48	19.61	20.50
		1	50	19.41	19.38	19.42	20.50
		1	99	19.42	19.39	19.55	20.50
		50	0	18.77	18.85	18.75	19.50
		50	25	18.66	18.64	18.75	19.50
		50	50	18.89	18.80	18.82	19.50

	256QAM	100	0	18.84	19.01	18.93	19.50
		1	0	16.59	16.62	16.63	17.50
		1	50	16.57	16.65	16.68	17.50
		1	99	16.53	16.54	16.60	17.50
		50	0	16.59	16.62	16.52	17.50
		50	25	16.58	16.54	16.66	17.50
		50	50	16.60	16.56	16.56	17.50
		100	0	16.56	16.58	16.59	17.50

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	24.23	24.22	24.17	24.25	24.26	25.00	
		1	13	24.12	24.22	24.07	24.19	24.15	25.00	
		1	24	24.11	24.16	24.14	24.16	24.19	25.00	
		12	0	23.17	23.50	23.16	23.49	23.25	24.00	
		12	6	23.42	23.15	23.38	23.17	23.34	24.00	
		12	13	23.34	23.22	23.38	23.26	23.33	24.00	
	16QAM	25	0	23.21	23.43	23.19	23.35	23.29	24.00	
		1	0	23.21	23.19	23.20	23.18	23.36	24.00	
		1	13	23.15	23.38	23.19	23.32	23.16	24.00	
		1	24	23.27	23.37	23.28	23.38	23.23	24.00	
		12	0	22.32	22.40	22.27	22.43	22.28	23.00	
		12	6	22.28	22.29	22.33	22.32	22.32	23.00	
	64QAM	12	13	22.25	22.29	22.32	22.31	22.44	23.00	
		25	0	22.37	22.15	22.34	22.18	22.27	23.00	
		1	0	22.23	22.22	22.27	22.22	22.39	23.00	
		1	13	22.01	22.08	21.99	22.08	22.15	23.00	
		1	24	22.10	22.06	22.16	22.03	22.19	23.00	
		12	0	21.47	21.48	21.51	21.45	21.47	22.00	
	256QAM	12	6	21.34	21.39	21.39	21.31	21.37	22.00	
		12	13	21.63	21.52	21.63	21.57	21.45	22.00	
		25	0	21.58	21.72	21.57	21.70	21.65	22.00	
		1	0	18.78	18.78	18.91	18.96	18.98	20.00	
		1	13	18.84	18.81	18.93	18.97	19.04	20.00	
		1	24	18.72	18.85	18.84	18.98	19.05	20.00	
	5MHz	256QAM	12	0	18.77	18.72	18.96	18.83	18.95	20.00
			12	6	18.79	18.76	19.02	19.04	18.98	20.00
			12	13	18.84	18.79	19.07	19.11	19.06	20.00
			25	0	18.62	18.84	18.97	18.82	18.80	20.00
Channel			Channel	Channel	Channel	Channel	Tune up			
39700			40160	40620	41080	41540				
10MHz	QPSK	1	0	24.19	24.23	24.23	24.26	24.28	25.00	
		1	25	24.08	24.13	24.14	24.20	24.18	25.00	
		1	49	24.13	24.19	24.16	24.13	24.12	25.00	
		25	0	23.17	23.42	23.16	23.43	23.27	24.00	
		25	13	23.43	23.18	23.41	23.18	23.34	24.00	
		25	25	23.33	23.23	23.40	23.28	23.29	24.00	
	16QAM	50	0	23.27	23.41	23.22	23.38	23.26	24.00	
		1	0	23.22	23.20	23.19	23.19	23.35	24.00	
		1	25	23.17	23.36	23.16	23.34	23.10	24.00	
		1	49	23.25	23.37	23.26	23.37	23.29	24.00	
		25	0	22.29	22.40	22.29	22.41	22.34	23.00	

		25	13	22.28	22.30	22.34	22.34	22.31	23.00
		25	25	22.31	22.27	22.27	22.31	22.46	23.00
		50	0	22.37	22.20	22.39	22.14	22.30	23.00
	64QAM	1	0	22.20	22.26	22.25	22.23	22.35	23.00
		1	25	22.03	22.08	22.04	22.02	22.16	23.00
		1	49	22.12	22.05	22.19	22.07	22.19	23.00
		25	0	21.47	21.45	21.50	21.43	21.43	22.00
		25	13	21.37	21.37	21.35	21.37	21.42	22.00
		25	25	21.59	21.56	21.63	21.55	21.50	22.00
		50	0	21.53	21.66	21.58	21.65	21.62	22.00
	256QAM	1	0	18.66	18.85	18.84	18.92	18.93	20.00
		1	25	18.83	18.80	18.88	18.98	18.92	20.00
		1	49	18.69	18.81	18.80	19.04	19.10	20.00
		25	0	18.81	18.77	18.93	18.87	18.88	20.00
25		13	18.71	18.73	19.01	18.97	18.89	20.00	
25		25	18.75	18.78	19.02	19.09	19.08	20.00	
50		0	18.68	18.75	19.01	18.79	18.86	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39725	<b>Channel</b> 40173	<b>Channel</b> 40620	<b>Channel</b> 41068	<b>Channel</b> 41515	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	24.19	24.21	24.18	24.27	24.21	25.00
		1	38	24.07	24.20	24.11	24.14	24.22	25.00
		1	74	24.14	24.18	24.10	24.14	24.13	25.00
		36	0	23.21	23.47	23.17	23.49	23.26	24.00
		36	18	23.43	23.19	23.39	23.19	23.37	24.00
		36	39	23.37	23.23	23.40	23.21	23.33	24.00
		75	0	23.20	23.40	23.21	23.37	23.23	24.00
	16QAM	1	0	23.18	23.20	23.17	23.14	23.36	24.00
		1	38	23.13	23.38	23.18	23.39	23.15	24.00
		1	74	23.27	23.34	23.21	23.34	23.27	24.00
		36	0	22.36	22.39	22.34	22.37	22.30	23.00
		36	18	22.32	22.31	22.33	22.33	22.30	23.00
		36	39	22.29	22.27	22.28	22.31	22.47	23.00
		75	0	22.36	22.20	22.37	22.16	22.30	23.00
	64QAM	1	0	22.27	22.26	22.26	22.18	22.35	23.00
		1	38	22.00	22.07	22.05	22.02	22.15	23.00
		1	74	22.13	22.07	22.18	22.02	22.20	23.00
		36	0	21.50	21.47	21.48	21.46	21.44	22.00
		36	18	21.38	21.37	21.39	21.31	21.41	22.00
		36	39	21.59	21.57	21.65	21.53	21.47	22.00
		75	0	21.52	21.64	21.54	21.68	21.59	22.00
	256QAM	1	0	18.75	18.81	18.87	19.02	18.93	20.00
		1	38	18.82	18.80	18.97	18.91	18.93	20.00
		1	74	18.66	18.73	18.78	19.05	19.05	20.00
36		0	18.83	18.81	18.89	18.85	18.97	20.00	
36		18	18.80	18.72	19.07	19.05	18.91	20.00	
36		39	18.78	18.81	19.08	19.12	18.97	20.00	
75		0	18.70	18.70	18.95	18.81	18.79	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39750	<b>Channel</b> 40185	<b>Channel</b> 40620	<b>Channel</b> 41055	<b>Channel</b> 41490	<b>Tune up</b>
<b>20MHz</b>	QPSK	1	0	24.21	24.24	24.36	24.30	24.28	25.00
		1	50	24.09	24.16	24.12	24.20	24.17	25.00
		1	99	24.14	24.17	24.18	24.16	24.17	25.00
		50	0	23.19	23.47	23.16	23.47	23.27	24.00
		50	25	23.43	23.19	23.38	23.18	23.34	24.00
		50	50	23.41	23.24	23.40	23.21	23.28	24.00

	16QAM	100	0	23.24	23.34	23.22	23.42	23.27	24.00
		1	0	23.24	23.16	23.25	23.15	23.30	24.00
		1	50	23.15	23.36	23.15	23.34	23.08	24.00
		1	99	23.27	23.35	23.21	23.33	23.25	24.00
		50	0	22.33	22.39	22.31	22.43	22.30	23.00
		50	25	22.27	22.27	22.35	22.29	22.33	23.00
		50	50	22.28	22.34	22.29	22.31	22.49	23.00
	64QAM	100	0	22.32	22.21	22.38	22.14	22.25	23.00
		1	0	22.23	22.20	22.24	22.23	22.38	23.00
		1	50	22.00	22.04	21.99	22.06	22.16	23.00
		1	99	22.17	22.08	22.18	22.02	22.20	23.00
		50	0	21.51	21.49	21.50	21.51	21.41	22.00
		50	25	21.34	21.38	21.39	21.35	21.43	22.00
		50	50	21.63	21.53	21.66	21.61	21.50	22.00
	256QAM	100	0	21.57	21.66	21.57	21.67	21.59	22.00
		1	0	18.68	18.83	18.83	19.04	18.96	20.00
		1	50	18.83	18.68	18.91	18.92	19.01	20.00
		1	99	18.77	18.83	18.78	19.02	19.07	20.00
		50	0	18.79	18.72	18.94	18.86	18.85	20.00
		50	25	18.78	18.72	19.05	18.99	18.89	20.00
		50	50	18.76	18.86	19.03	19.02	19.08	20.00
		100	0	18.73	18.69	19.01	18.80	18.84	20.00

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	19.47	19.42	19.48	19.39	19.45	20.00
		1	13	19.54	19.30	19.52	19.34	19.37	20.00
		1	24	19.40	19.39	19.42	19.42	19.41	20.00
		12	0	19.47	19.44	19.45	19.43	19.41	20.00
		12	6	19.53	19.30	19.54	19.31	19.43	20.00
		12	13	19.41	19.38	19.39	19.36	19.45	20.00
		25	0	19.44	19.38	19.44	19.44	19.48	20.00
	16QAM	1	0	19.54	19.29	19.46	19.31	19.37	20.00
		1	13	19.39	19.40	19.40	19.43	19.42	20.00
		1	24	19.48	19.44	19.47	19.40	19.49	20.00
		12	0	19.53	19.29	19.49	19.27	19.42	20.00
		12	6	19.36	19.41	19.42	19.36	19.37	20.00
		12	13	19.53	19.36	19.45	19.37	19.48	20.00
		25	0	19.48	19.32	19.51	19.28	19.36	20.00
	64QAM	1	0	19.41	19.41	19.39	19.42	19.39	20.00
		1	13	19.50	19.43	19.49	19.40	19.48	20.00
		1	24	19.54	19.28	19.55	19.29	19.35	20.00
		12	0	19.36	19.39	19.42	19.34	19.39	20.00
		12	6	19.47	19.42	19.52	19.36	19.45	20.00
		12	13	19.51	19.31	19.54	19.29	19.36	20.00
		25	0	19.38	19.37	19.39	19.41	19.42	20.00
	256QAM	1	0	18.78	18.78	18.91	18.96	18.98	20.00
		1	13	18.84	18.81	18.93	18.97	19.04	20.00
		1	24	18.72	18.85	18.84	18.98	19.05	20.00
		12	0	18.77	18.72	18.96	18.83	18.95	20.00
		12	6	18.79	18.76	19.02	19.04	18.98	20.00
		12	13	18.84	18.79	19.07	19.11	19.06	20.00

Bandwidth	Modulation	25	0	18.62	18.84	18.97	18.82	18.80	20.00
		RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	19.48	19.39	19.51	19.43	19.40	20.00
		1	25	19.49	19.29	19.51	19.30	19.39	20.00
		1	49	19.40	19.40	19.39	19.37	19.37	20.00
		25	0	19.52	19.37	19.47	19.45	19.49	20.00
		25	13	19.53	19.30	19.48	19.33	19.34	20.00
		25	25	19.38	19.35	19.39	19.40	19.45	20.00
	16QAM	50	0	19.45	19.42	19.48	19.45	19.45	20.00
		1	0	19.53	19.32	19.49	19.30	19.37	20.00
		1	25	19.41	19.41	19.40	19.35	19.44	20.00
		1	49	19.51	19.43	19.47	19.38	19.46	20.00
		25	0	19.54	19.28	19.50	19.32	19.40	20.00
		25	13	19.38	19.41	19.42	19.35	19.45	20.00
	64QAM	25	25	19.46	19.37	19.52	19.37	19.46	20.00
		50	0	19.53	19.25	19.47	19.34	19.42	20.00
		1	0	19.34	19.39	19.42	19.40	19.42	20.00
		1	25	19.47	19.42	19.51	19.45	19.48	20.00
		1	49	19.50	19.30	19.47	19.32	19.37	20.00
		25	0	19.38	19.41	19.41	19.35	19.46	20.00
	256QAM	25	13	19.48	19.37	19.50	19.37	19.48	20.00
		25	25	19.50	19.33	19.55	19.27	19.39	20.00
		50	0	19.41	19.42	19.37	19.37	19.42	20.00
		1	0	18.66	18.85	18.84	18.92	18.93	20.00
		1	25	18.83	18.80	18.88	18.98	18.92	20.00
		1	49	18.69	18.81	18.80	19.04	19.10	20.00
15MHz	QPSK	25	0	18.81	18.77	18.93	18.87	18.88	20.00
		25	13	18.71	18.73	19.01	18.97	18.89	20.00
		25	25	18.75	18.78	19.02	19.09	19.08	20.00
		50	0	18.68	18.75	19.01	18.79	18.86	20.00
		1	0	19.46	19.45	19.52	19.39	19.44	20.00
		1	38	19.46	19.31	19.47	19.33	19.39	20.00
	16QAM	1	74	19.38	19.43	19.39	19.42	19.46	20.00
		36	0	19.50	19.40	19.49	19.41	19.45	20.00
		36	18	19.50	19.31	19.52	19.33	19.35	20.00
		36	39	19.40	19.42	19.36	19.38	19.42	20.00
		75	0	19.46	19.36	19.46	19.36	19.41	20.00
		1	0	19.54	19.33	19.55	19.34	19.42	20.00
	64QAM	1	38	19.35	19.40	19.38	19.38	19.43	20.00
		1	74	19.52	19.36	19.44	19.42	19.45	20.00
		36	0	19.51	19.28	19.48	19.25	19.43	20.00
		36	18	19.40	19.34	19.38	19.35	19.43	20.00
		36	39	19.49	19.36	19.45	19.37	19.46	20.00
		75	0	19.47	19.32	19.51	19.33	19.38	20.00
256QAM	1	0	19.42	19.41	19.42	19.43	19.38	20.00	
	1	38	19.53	19.38	19.47	19.39	19.40	20.00	
	1	74	19.52	19.30	19.48	19.30	19.36	20.00	
	36	0	19.39	19.38	19.39	19.36	19.44	20.00	
	36	18	19.51	19.44	19.48	19.44	19.44	20.00	
	36	39	19.51	19.28	19.49	19.31	19.36	20.00	
256QAM	75	0	19.38	19.43	19.41	19.38	19.45	20.00	
	1	0	18.75	18.81	18.87	19.02	18.93	20.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	38	18.82	18.80	18.97	18.91	18.93	20.00	
		1	74	18.66	18.73	18.78	19.05	19.05	20.00	
		36	0	18.83	18.81	18.89	18.85	18.97	20.00	
		36	18	18.80	18.72	19.07	19.05	18.91	20.00	
		36	39	18.78	18.81	19.08	19.12	18.97	20.00	
		75	0	18.70	18.70	18.95	18.81	18.79	20.00	
	16QAM	QPSK	1	0	19.46	19.37	19.60	19.45	19.47	20.00
			1	50	19.55	19.28	19.55	19.28	19.34	20.00
			1	99	19.42	19.40	19.41	19.35	19.45	20.00
			50	0	19.47	19.43	19.59	19.40	19.42	20.00
			50	25	19.51	19.26	19.54	19.33	19.41	20.00
			50	50	19.39	19.41	19.42	19.35	19.39	20.00
		16QAM	1	0	19.46	19.31	19.51	19.27	19.41	20.00
			1	50	19.36	19.36	19.35	19.43	19.45	20.00
			1	99	19.49	19.41	19.45	19.43	19.42	20.00
			50	0	19.48	19.31	19.52	19.33	19.42	20.00
			50	25	19.40	19.38	19.38	19.35	19.45	20.00
			50	50	19.52	19.43	19.52	19.36	19.43	20.00
	64QAM	1	0	19.50	19.29	19.53	19.32	19.39	20.00	
		1	0	19.42	19.36	19.36	19.41	19.38	20.00	
		1	50	19.47	19.44	19.50	19.40	19.47	20.00	
		1	99	19.50	19.31	19.47	19.30	19.36	20.00	
		50	0	19.38	19.38	19.36	19.42	19.46	20.00	
		50	25	19.46	19.38	19.50	19.39	19.42	20.00	
		50	50	19.50	19.27	19.52	19.31	19.41	20.00	
		100	0	19.37	19.42	19.34	19.41	19.38	20.00	
	256QAM	1	0	18.68	18.83	18.83	19.04	18.96	20.00	
		1	50	18.83	18.68	18.91	18.92	19.01	20.00	
1		99	18.77	18.83	18.78	19.02	19.07	20.00		
50		0	18.79	18.72	18.94	18.86	18.85	20.00		
50		25	18.78	18.72	19.05	18.99	18.89	20.00		
50		50	18.76	18.86	19.03	19.02	19.08	20.00		
100		0	18.73	18.69	19.01	18.80	18.84	20.00		

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	21.35	21.23	21.36	21.31	21.35	22.00
		1	13	21.32	21.18	21.35	21.16	21.28	22.00
		1	24	21.30	21.23	21.29	21.28	21.27	22.00
		12	0	20.63	20.27	20.64	20.22	20.57	21.00
		12	6	20.28	20.51	20.25	20.45	20.29	21.00
		12	13	20.34	20.52	20.36	20.45	20.34	21.00
		25	0	20.53	20.29	20.52	20.32	20.41	21.00
	16QAM	1	0	20.25	20.29	20.29	20.29	20.32	21.00
		1	13	20.45	20.31	20.45	20.32	20.39	21.00
		1	24	20.45	20.43	20.43	20.40	20.51	21.00
		12	0	19.53	19.40	19.49	19.41	19.52	20.00
		12	6	19.42	19.45	19.43	19.42	19.44	20.00
		12	13	19.43	19.43	19.36	19.41	19.37	20.00

	64QAM	25	0	19.24	19.45	19.22	19.42	19.24	20.00
		1	0	19.34	19.37	19.29	19.39	19.29	20.00
		1	13	19.17	19.11	19.14	19.07	19.18	20.00
		1	24	19.13	19.24	19.17	19.28	19.17	20.00
		12	0	18.56	18.62	18.62	18.58	18.59	19.00
		12	6	18.46	18.52	18.50	18.46	18.45	19.00
		12	13	18.63	18.75	18.66	18.71	18.70	19.00
	256QAM	25	0	18.83	18.70	18.83	18.70	18.79	19.00
	1	0	15.97	16.10	16.08	16.14	16.15	17.00	
	1	13	16.04	16.08	16.06	16.04	16.18	17.00	
	1	24	16.05	16.07	16.01	16.06	16.20	17.00	
	12	0	16.06	16.06	16.05	16.10	16.13	17.00	
	12	6	15.98	16.13	16.08	16.01	16.13	17.00	
	12	13	16.15	16.07	16.08	15.99	16.08	17.00	
25	0	15.98	16.12	16.03	16.12	16.04	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	21.30	21.28	21.34	21.24	21.33	22.00
		1	25	21.34	21.13	21.34	21.21	21.31	22.00
		1	49	21.26	21.24	21.27	21.21	21.27	22.00
		25	0	20.62	20.29	20.57	20.25	20.63	21.00
		25	13	20.22	20.46	20.25	20.44	20.28	21.00
		25	25	20.32	20.46	20.35	20.52	20.33	21.00
	50	0	20.50	20.29	20.50	20.30	20.47	21.00	
	16QAM	1	0	20.31	20.32	20.26	20.33	20.28	21.00
		1	25	20.51	20.31	20.47	20.31	20.45	21.00
		1	49	20.45	20.38	20.47	20.39	20.50	21.00
		25	0	19.51	19.35	19.47	19.40	19.55	20.00
		25	13	19.40	19.48	19.36	19.48	19.41	20.00
		25	25	19.40	19.38	19.39	19.43	19.46	20.00
	50	0	19.29	19.46	19.23	19.48	19.28	20.00	
	64QAM	1	0	19.33	19.39	19.29	19.36	19.35	20.00
		1	25	19.16	19.05	19.16	19.10	19.14	20.00
		1	49	19.20	19.29	19.19	19.27	19.18	20.00
		25	0	18.58	18.65	18.59	18.58	18.52	19.00
		25	13	18.53	18.50	18.46	18.48	18.44	19.00
		25	25	18.60	18.74	18.65	18.76	18.69	19.00
	50	0	18.85	18.68	18.81	18.64	18.80	19.00	
	256QAM	1	0	16.08	16.04	16.09	16.16	16.16	17.00
		1	25	16.09	16.14	16.10	16.14	16.18	17.00
		1	49	16.03	15.99	16.07	16.07	16.10	17.00
25		0	15.98	16.11	16.11	16.19	16.14	17.00	
25		13	15.97	15.99	16.04	16.10	16.16	17.00	
25		25	16.14	16.07	16.02	16.01	16.07	17.00	
50	0	16.06	16.07	16.06	16.18	15.98	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	21.29	21.26	21.33	21.27	21.38	22.00
		1	38	21.31	21.22	21.31	21.19	21.28	22.00
		1	74	21.24	21.24	21.23	21.22	21.23	22.00
		36	0	20.56	20.23	20.57	20.25	20.58	21.00
		36	18	20.24	20.45	20.28	20.45	20.26	21.00
		36	39	20.34	20.51	20.31	20.44	20.37	21.00
		75	0	20.52	20.27	20.54	20.30	20.49	21.00
	16QAM	1	0	20.33	20.27	20.33	20.26	20.30	21.00

		1	38	20.50	20.29	20.52	20.32	20.41	21.00
		1	74	20.50	20.39	20.50	20.39	20.46	21.00
		36	0	19.55	19.35	19.53	19.33	19.52	20.00
		36	18	19.41	19.42	19.44	19.44	19.44	20.00
		36	39	19.43	19.41	19.42	19.42	19.42	20.00
		75	0	19.25	19.47	19.27	19.45	19.30	20.00
		1	0	19.33	19.41	19.34	19.42	19.35	20.00
		1	38	19.21	19.07	19.18	19.08	19.19	20.00
		1	74	19.15	19.25	19.20	19.24	19.11	20.00
		36	0	18.57	18.59	18.55	18.57	18.54	19.00
	36	18	18.47	18.51	18.45	18.49	18.45	19.00	
	36	39	18.65	18.77	18.62	18.74	18.64	19.00	
	75	0	18.80	18.67	18.84	18.65	18.80	19.00	
	1	0	16.00	16.12	16.05	16.17	16.09	17.00	
	1	38	16.11	16.12	16.05	16.05	16.12	17.00	
	1	74	16.05	16.10	16.09	16.08	16.13	17.00	
	36	0	16.08	16.17	15.98	16.05	16.01	17.00	
	36	18	15.98	16.00	15.99	16.08	16.21	17.00	
	36	39	16.07	16.03	16.06	16.09	16.11	17.00	
	75	0	15.93	16.13	15.99	16.13	15.99	17.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	<b>QPSK</b>	1	0	21.29	21.28	21.48	21.24	21.33	22.00
		1	50	21.35	21.17	21.34	21.15	21.32	22.00
		1	99	21.30	21.23	21.23	21.24	21.28	22.00
		50	0	20.61	20.26	20.69	20.27	20.60	21.00
		50	25	20.22	20.47	20.22	20.51	20.30	21.00
		50	50	20.33	20.50	20.34	20.48	20.38	21.00
	100	0	20.54	20.30	20.56	20.30	20.50	21.00	
	<b>16QAM</b>	1	0	20.29	20.30	20.27	20.31	20.29	21.00
		1	50	20.48	20.30	20.51	20.33	20.46	21.00
		1	99	20.50	20.38	20.49	20.37	20.53	21.00
		50	0	19.55	19.39	19.48	19.35	19.52	20.00
		50	25	19.37	19.43	19.43	19.47	19.40	20.00
		50	50	19.43	19.40	19.39	19.45	19.45	20.00
	100	0	19.30	19.44	19.29	19.47	19.26	20.00	
	<b>64QAM</b>	1	0	19.29	19.33	19.32	19.40	19.32	20.00
		1	50	19.15	19.08	19.15	19.14	19.18	20.00
		1	99	19.20	19.29	19.14	19.28	19.13	20.00
		50	0	18.62	18.61	18.58	18.65	18.54	19.00
		50	25	18.51	18.50	18.45	18.50	18.41	19.00
		50	50	18.59	18.74	18.61	18.72	18.71	19.00
	100	0	18.80	18.69	18.79	18.63	18.81	19.00	
	<b>256QAM</b>	1	0	15.98	16.10	16.04	16.08	16.15	17.00
		1	50	16.15	16.02	16.02	16.13	16.14	17.00
		1	99	16.12	16.06	16.09	16.02	16.17	17.00
		50	0	16.09	16.12	15.97	16.12	16.04	17.00
		50	25	16.04	16.03	16.10	16.00	16.13	17.00
		50	50	16.12	16.04	16.08	16.11	16.13	17.00
	100	0	15.95	16.18	15.95	16.16	15.96	17.00	

## 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	22.80	22.84	22.82	24.00	
		1	2	22.71	22.82	22.76	24.00	
		1	5	22.73	22.72	22.72	24.00	
		3	0	21.80	22.09	21.87	23.00	
		3	2	21.97	21.74	21.90	23.00	
		3	3	22.00	21.84	21.94	23.00	
	16QAM	6	0	21.81	22.02	21.88	23.00	
		1	0	21.82	21.75	21.91	23.00	
		1	2	21.74	21.98	21.75	23.00	
		1	5	21.83	21.98	21.88	23.00	
		3	0	20.93	20.98	20.88	22.00	
		3	2	20.87	20.91	20.90	22.00	
	64QAM	3	3	20.91	20.90	21.07	22.00	
		6	0	20.94	20.81	20.82	22.00	
		1	0	20.80	20.85	20.98	22.00	
		1	2	20.64	20.62	20.75	22.00	
		1	5	20.75	20.65	20.77	22.00	
		3	0	20.95	20.92	20.93	22.00	
	256QAM	3	2	20.88	20.87	21.05	22.00	
		3	3	20.99	20.77	20.88	22.00	
		6	0	20.20	20.24	20.19	21.00	
		1	0	18.18	18.29	18.20	19.00	
		1	2	18.12	18.15	18.28	19.00	
		1	5	18.14	18.28	18.37	19.00	
3MHz	QPSK	3	0	18.24	18.15	18.23	19.00	
		3	2	18.12	18.17	18.11	19.00	
		3	3	18.24	18.32	18.33	19.00	
		6	0	18.16	18.19	18.11	19.00	
		1	0	22.81	22.84	22.86	24.00	
		1	7	22.71	22.73	22.83	24.00	
	16QAM	1	14	22.70	22.80	22.72	24.00	
		8	0	21.78	22.08	21.89	23.00	
		8	4	22.06	21.72	21.96	23.00	
		8	7	21.99	21.81	21.89	23.00	
		15	0	21.80	22.01	21.88	23.00	
		1	0	21.81	21.74	21.95	23.00	
	64QAM	1	7	21.80	21.95	21.75	23.00	
		1	14	21.84	21.99	21.86	23.00	
		8	0	20.93	20.97	20.93	22.00	
		8	4	20.92	20.89	20.94	22.00	
		8	7	20.86	20.93	21.06	22.00	
		15	0	20.94	20.77	20.89	22.00	
	3MHz	64QAM	1	0	20.81	20.78	20.95	22.00
			1	7	20.65	20.68	20.80	22.00

		1	14	20.74	20.71	20.84	22.00		
		8	0	20.04	20.11	20.07	21.00		
		8	4	20.00	19.97	19.98	21.00		
		8	7	20.25	20.21	20.08	21.00		
		15	0	20.16	20.31	20.25	21.00		
		256QAM	1	0	18.18	18.24	18.12	19.00	
			1	7	18.12	18.24	18.21	19.00	
			1	14	18.13	18.27	18.39	19.00	
			8	0	18.31	18.07	18.16	19.00	
			8	4	18.14	18.27	18.21	19.00	
			8	7	18.14	18.24	18.34	19.00	
			15	0	18.23	18.22	18.20	19.00	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						19975	20175	20375	
5MHz	QPSK	1	0	22.75	22.90	22.83	24.00		
		1	13	22.75	22.79	22.81	24.00		
		1	24	22.75	22.74	22.74	24.00		
		12	0	21.77	22.10	21.89	23.00		
		12	6	22.03	21.77	21.90	23.00		
		12	13	21.93	21.87	21.86	23.00		
		25	0	21.83	21.97	21.83	23.00		
	16QAM	1	0	21.80	21.82	21.90	23.00		
		1	13	21.76	21.99	21.71	23.00		
		1	24	21.89	21.95	21.84	23.00		
		12	0	20.87	20.98	20.88	22.00		
		12	6	20.92	20.86	20.93	22.00		
		12	13	20.90	20.93	21.06	22.00		
		25	0	20.93	20.74	20.82	22.00		
	64QAM	1	0	20.82	20.80	20.98	22.00		
		1	13	20.57	20.69	20.76	22.00		
		1	24	20.76	20.63	20.85	22.00		
		12	0	20.03	20.09	20.05	21.00		
		12	6	19.98	19.94	19.96	21.00		
		12	13	20.19	20.16	20.09	21.00		
		25	0	20.19	20.24	20.27	21.00		
	256QAM	1	0	18.26	18.35	18.08	19.00		
		1	13	18.14	18.21	18.19	19.00		
		1	24	18.14	18.31	18.44	19.00		
		12	0	18.29	18.12	18.12	19.00		
		12	6	18.23	18.16	18.11	19.00		
		12	13	18.24	18.21	18.38	19.00		
		25	0	18.26	18.08	18.16	19.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					20000	20175	20350		
10MHz	QPSK	1	0	22.76	22.90	22.87	24.00		
		1	25	22.72	22.75	22.79	24.00		
		1	49	22.78	22.71	22.72	24.00		
		25	0	21.83	22.07	21.83	23.00		
		25	13	22.01	21.77	21.97	23.00		
		25	25	21.99	21.87	21.92	23.00		
		50	0	21.87	22.00	21.88	23.00		
	16QAM	1	0	21.80	21.80	21.94	23.00		
		1	25	21.76	21.93	21.68	23.00		
		1	49	21.81	21.97	21.90	23.00		

	64QAM	25	0	20.91	21.02	20.95	22.00
		25	13	20.95	20.87	20.92	22.00
		25	25	20.94	20.86	21.07	22.00
		50	0	20.97	20.79	20.88	22.00
		1	0	20.83	20.85	21.00	22.00
		1	25	20.62	20.68	20.81	22.00
		1	49	20.76	20.64	20.82	22.00
		25	0	20.08	20.04	20.06	21.00
		25	13	19.96	19.97	19.96	21.00
	25	25	20.23	20.15	20.05	21.00	
	50	0	20.16	20.27	20.22	21.00	
	256QAM	1	0	18.19	18.37	18.20	19.00
		1	25	18.26	18.18	18.25	19.00
		1	49	18.17	18.29	18.39	19.00
		25	0	18.34	18.16	18.19	19.00
		25	13	18.22	18.23	18.10	19.00
		25	25	18.26	18.22	18.37	19.00
		50	0	18.23	18.08	18.09	19.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	22.81	22.89	22.86	24.00
		1	38	22.68	22.75	22.76	24.00
		1	74	22.73	22.75	22.74	24.00
		36	0	21.76	22.09	21.83	23.00
		36	18	21.99	21.71	21.94	23.00
		36	39	21.97	21.80	21.87	23.00
		75	0	21.82	22.01	21.86	23.00
	16QAM	1	0	21.84	21.81	21.89	23.00
		1	38	21.73	22.00	21.73	23.00
		1	74	21.87	21.95	21.91	23.00
		36	0	20.91	21.02	20.93	22.00
		36	18	20.93	20.89	20.87	22.00
		36	39	20.90	20.87	21.07	22.00
		75	0	20.97	20.81	20.89	22.00
	64QAM	1	0	20.86	20.78	20.99	22.00
		1	38	20.59	20.66	20.74	22.00
		1	74	20.74	20.70	20.81	22.00
		36	0	20.09	20.06	20.03	21.00
		36	18	19.97	19.94	19.97	21.00
		36	39	20.19	20.18	20.12	21.00
		75	0	20.12	20.30	20.23	21.00
	256QAM	1	0	18.17	18.25	18.16	19.00
		1	38	18.12	18.14	18.24	19.00
		1	74	18.10	18.35	18.45	19.00
		36	0	18.32	18.08	18.14	19.00
		36	18	18.14	18.18	18.13	19.00
		36	39	18.20	18.23	18.39	19.00
75		0	18.28	18.22	18.18	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	22.79	22.94	22.86	24.00
		1	50	22.69	22.81	22.80	24.00
		1	99	22.71	22.80	22.74	24.00
		50	0	21.83	22.05	21.90	23.00
		50	25	22.05	21.77	21.92	23.00

		50	50	21.92	21.81	21.93	23.00	
		100	0	21.85	21.97	21.89	23.00	
	16QAM	1	0	21.77	21.74	21.91	23.00	
		1	50	21.77	21.99	21.72	23.00	
		1	99	21.85	21.92	21.89	23.00	
		50	0	20.95	21.03	20.93	22.00	
		50	25	20.90	20.89	20.88	22.00	
		50	50	20.93	20.92	21.11	22.00	
		100	0	20.98	20.79	20.86	22.00	
	64QAM	1	0	20.83	20.83	20.98	22.00	
		1	50	20.59	20.65	20.76	22.00	
		1	99	20.73	20.63	20.78	22.00	
		50	0	20.08	20.09	20.09	21.00	
		50	25	19.93	19.96	20.05	21.00	
		50	50	20.18	20.16	20.11	21.00	
	256QAM	100	0	20.13	20.29	20.24	21.00	
		1	0	18.21	18.36	18.13	19.00	
		1	50	18.20	18.25	18.26	19.00	
		1	99	18.09	18.37	18.40	19.00	
		50	0	18.28	18.08	18.20	19.00	
		50	25	18.14	18.18	18.11	19.00	
		50	50	18.26	18.23	18.39	19.00	
			100	0	18.25	18.09	18.17	19.00

LTE Band 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.74	22.74	22.73	24.00
		1	13	22.67	22.62	22.75	24.00
		1	24	22.63	22.58	22.64	24.00
		12	0	21.76	21.97	21.72	23.00
		12	6	21.96	21.70	21.90	23.00
		12	13	21.84	21.81	21.85	23.00
		25	0	21.74	21.88	21.80	23.00
	16QAM	1	0	21.68	21.68	21.86	23.00
		1	13	21.62	21.91	21.63	23.00
		1	24	21.71	21.83	21.82	23.00
		12	0	20.80	20.91	20.90	22.00
		12	6	20.84	20.80	20.78	22.00
		12	13	20.80	20.81	20.98	22.00
		25	0	20.82	20.69	20.82	22.00
	64QAM	1	0	20.78	20.70	20.82	22.00
		1	13	20.75	20.60	20.69	22.00
		1	24	20.59	20.58	20.75	22.00
		12	0	19.93	19.99	19.99	21.00
		12	6	19.91	19.87	19.90	21.00
		12	13	20.15	20.04	20.02	21.00
		25	0	20.02	20.17	20.12	21.00
	256QAM	1	0	18.19	18.38	18.18	19.00
		1	13	18.26	18.19	18.25	19.00
		1	24	18.13	18.39	18.38	19.00
		12	0	18.23	18.10	18.12	19.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		12	6	18.25	18.29	18.08	
		12	13	18.27	18.35	18.39	19.00
		25	0	18.14	18.07	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	22.73	22.70	22.72	24.00
		1	25	22.61	22.64	22.73	24.00
		1	49	22.62	22.66	22.66	24.00
		25	0	21.75	21.94	21.76	23.00
		25	13	21.90	21.69	21.89	23.00
		25	25	21.88	21.74	21.86	23.00
	16QAM	50	0	21.69	21.85	21.76	23.00
		1	0	21.69	21.65	21.78	23.00
		1	25	21.68	21.90	21.64	23.00
		1	49	21.75	21.91	21.76	23.00
		25	0	20.83	20.95	20.84	22.00
		25	13	20.88	20.78	20.82	22.00
	64QAM	25	25	20.82	20.76	21.02	22.00
		50	0	20.85	20.65	20.81	22.00
		1	0	20.72	20.73	20.79	22.00
		1	25	20.77	20.60	20.71	22.00
		1	49	20.61	20.57	20.77	22.00
		25	0	19.92	20.01	20.01	21.00
	256QAM	25	13	19.92	19.91	19.91	21.00
		25	25	20.15	20.10	19.98	21.00
		50	0	20.00	20.13	20.12	21.00
		1	0	18.19	18.28	18.13	19.00
		1	25	18.22	18.20	18.25	19.00
		1	49	18.10	18.39	18.40	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.74	22.75	22.73	24.00
		1	38	22.64	22.61	22.71	24.00
		1	74	22.69	22.59	22.66	24.00
		36	0	21.68	21.93	21.70	23.00
		36	18	21.95	21.64	21.90	23.00
		36	39	21.86	21.78	21.88	23.00
	16QAM	75	0	21.73	21.83	21.79	23.00
		1	0	21.73	21.71	21.81	23.00
		1	38	21.71	21.89	21.71	23.00
		1	74	21.74	21.88	21.81	23.00
		36	0	20.80	20.94	20.83	22.00
		36	18	20.82	20.74	20.78	22.00
	64QAM	36	39	20.77	20.76	20.94	22.00
		75	0	20.85	20.69	20.84	22.00
		1	0	20.70	20.71	20.85	22.00
		1	38	20.51	20.57	20.71	22.00
		1	74	20.65	20.50	20.78	22.00
		36	0	19.95	19.99	19.95	21.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	36	18	19.87	19.91	19.93	21.00	
		36	39	20.11	20.03	19.99	21.00	
		75	0	20.07	20.17	20.15	21.00	
		1	0	18.27	18.39	18.20	19.00	
		1	38	18.27	18.24	18.17	19.00	
		1	74	18.06	18.37	18.37	19.00	
		36	0	18.31	18.06	18.25	19.00	
		36	18	18.17	18.29	18.11	19.00	
		36	39	18.21	18.25	18.44	19.00	
	75	0	18.25	18.21	18.12	19.00		
	20MHz	QPSK	1	0	22.71	22.76	22.72	24.00
			1	50	22.65	22.64	22.70	24.00
			1	99	22.65	22.63	22.66	24.00
			50	0	21.70	21.91	21.74	23.00
			50	25	21.89	21.68	21.85	23.00
			50	50	21.89	21.75	21.87	23.00
			100	0	21.70	21.85	21.77	23.00
		16QAM	1	0	21.72	21.71	21.84	23.00
			1	50	21.63	21.90	21.71	23.00
			1	99	21.77	21.91	21.76	23.00
			50	0	20.76	20.91	20.87	22.00
			50	25	20.88	20.81	20.77	22.00
			50	50	20.84	20.78	20.95	22.00
			100	0	20.80	20.63	20.83	22.00
		64QAM	1	0	20.70	20.74	20.82	22.00
			1	50	20.54	20.55	20.67	22.00
			1	99	20.63	20.54	20.79	22.00
			50	0	19.94	20.00	19.98	21.00
50			25	19.87	19.87	19.93	21.00	
50			50	20.11	20.10	19.99	21.00	
100			0	20.05	20.13	20.15	21.00	
256QAM		1	0	18.17	18.30	18.09	19.00	
		1	50	18.26	18.23	18.19	19.00	
		1	99	18.18	18.38	18.43	19.00	
		50	0	18.31	18.06	18.19	19.00	
		50	25	18.24	18.24	18.07	19.00	
		50	50	18.17	18.28	18.45	19.00	
		100	0	18.27	18.14	18.09	19.00	

LTE Band 7 Sensor on & Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.86	20.94	20.79	22.00
		1	13	20.85	20.74	20.86	22.00
		1	24	20.70	20.69	20.76	22.00
		12	0	20.78	20.87	20.81	22.00
		12	6	20.77	20.72	20.91	22.00
		12	13	20.74	20.65	20.78	22.00
		25	0	20.78	20.89	20.86	22.00
	16QAM	1	0	20.77	20.76	20.84	22.00

		1	13	20.72	20.66	20.71	22.00	
		1	24	20.84	20.92	20.80	22.00	
		12	0	20.82	20.70	20.90	22.00	
		12	6	20.71	20.68	20.74	22.00	
		12	13	20.78	20.88	20.84	22.00	
		25	0	20.78	20.70	20.89	22.00	
	64QAM	1	0	20.73	20.68	20.78	22.00	
		1	13	20.75	20.64	20.72	22.00	
		1	24	20.61	20.57	20.79	22.00	
		12	0	19.95	19.99	20.00	21.00	
		12	6	19.96	19.87	19.94	21.00	
		12	13	20.19	20.01	20.00	21.00	
	256QAM	25	0	20.03	20.14	20.09	21.00	
		1	0	18.19	18.38	18.18	19.00	
		1	13	18.26	18.19	18.25	19.00	
		1	24	18.13	18.39	18.38	19.00	
		12	0	18.23	18.10	18.12	19.00	
		12	6	18.25	18.29	18.08	19.00	
		12	13	18.27	18.35	18.39	19.00	
		25	0	18.14	18.07	18.10	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20800	21100	21400		
<b>10MHz</b>	QPSK	1	0	20.84	20.85	20.86	22.00	
		1	25	20.86	20.76	20.92	22.00	
		1	49	20.65	20.69	20.75	22.00	
		25	0	20.81	20.92	20.81	22.00	
		25	13	20.86	20.71	20.85	22.00	
		25	25	20.74	20.65	20.77	22.00	
	16QAM	50	0	20.80	20.90	20.83	22.00	
		1	0	20.86	20.70	20.86	22.00	
		1	25	20.71	20.66	20.78	22.00	
		1	49	20.85	20.93	20.79	22.00	
		25	0	20.83	20.70	20.86	22.00	
		25	13	20.71	20.69	20.72	22.00	
	64QAM	25	25	20.79	20.85	20.82	22.00	
		50	0	20.77	20.71	20.90	22.00	
		1	0	20.69	20.68	20.70	22.00	
		1	25	20.79	20.59	20.65	22.00	
		1	49	20.56	20.61	20.75	22.00	
		25	0	19.91	20.00	20.01	21.00	
	256QAM	25	13	19.88	19.90	19.91	21.00	
		25	25	20.18	20.06	20.03	21.00	
		50	0	20.04	20.15	20.17	21.00	
		1	0	18.19	18.28	18.13	19.00	
		1	25	18.22	18.20	18.25	19.00	
		1	49	18.10	18.39	18.40	19.00	
			25	0	18.22	18.09	18.16	19.00
			25	13	18.16	18.27	18.13	19.00
			25	25	18.23	18.25	18.42	19.00
		50	0	18.24	18.11	18.13	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				20825	21100	21375		
<b>15MHz</b>	QPSK	1	0	20.79	20.89	20.84	22.00	
		1	38	20.80	20.74	20.86	22.00	
		1	74	20.71	20.66	20.72	22.00	

		36	0	20.84	20.89	20.81	22.00	
		36	18	20.80	20.71	20.86	22.00	
		36	39	20.73	20.69	20.77	22.00	
		75	0	20.82	20.89	20.84	22.00	
		16QAM	1	0	20.80	20.73	20.88	22.00
			1	38	20.69	20.70	20.76	22.00
			1	74	20.84	20.93	20.86	22.00
			36	0	20.82	20.71	20.87	22.00
			36	18	20.69	20.69	20.79	22.00
	36		39	20.77	20.93	20.81	22.00	
	75		0	20.83	20.76	20.93	22.00	
	64QAM		1	0	20.67	20.66	20.78	22.00
		1	38	20.77	20.65	20.66	22.00	
		1	74	20.57	20.55	20.74	22.00	
		36	0	19.93	20.03	20.01	21.00	
		36	18	19.90	19.85	19.94	21.00	
		36	39	20.20	20.06	19.99	21.00	
		75	0	20.07	20.19	20.11	21.00	
	256QAM	1	0	18.27	18.39	18.20	19.00	
		1	38	18.27	18.24	18.17	19.00	
		1	74	18.06	18.37	18.37	19.00	
		36	0	18.31	18.06	18.25	19.00	
		36	18	18.17	18.29	18.11	19.00	
		36	39	18.21	18.25	18.44	19.00	
		75	0	18.25	18.21	18.12	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
	20MHz	QPSK	1	0	20.80	20.97	20.87	22.00
			1	50	20.80	20.77	20.84	22.00
1			99	20.69	20.66	20.78	22.00	
50			0	20.79	20.86	20.78	22.00	
50			25	20.84	20.75	20.86	22.00	
50			50	20.73	20.69	20.72	22.00	
100			0	20.85	20.86	20.80	22.00	
16QAM		1	0	20.79	20.71	20.88	22.00	
		1	50	20.72	20.66	20.74	22.00	
		1	99	20.85	20.87	20.85	22.00	
		50	0	20.80	20.72	20.86	22.00	
		50	25	20.67	20.65	20.72	22.00	
		50	50	20.78	20.89	20.82	22.00	
		100	0	20.81	20.75	20.85	22.00	
64QAM		1	0	20.70	20.65	20.73	22.00	
		1	50	20.76	20.58	20.74	22.00	
		1	99	20.58	20.57	20.77	22.00	
		50	0	19.97	19.99	19.98	21.00	
		50	25	19.95	19.89	19.92	21.00	
		50	50	20.15	20.03	20.06	21.00	
		100	0	20.07	20.15	20.10	21.00	
256QAM		1	0	18.17	18.30	18.09	19.00	
		1	50	18.26	18.23	18.19	19.00	
		1	99	18.18	18.38	18.43	19.00	
		50	0	18.31	18.06	18.19	19.00	
		50	25	18.24	18.24	18.07	19.00	
		50	50	18.17	18.28	18.45	19.00	
		100	0	18.27	18.14	18.09	19.00	

LTE Band 66				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	22.92	22.96	22.98	24.50	
		1	2	22.77	22.86	22.89	24.50	
		1	5	22.87	22.90	22.80	24.50	
		3	0	21.92	22.14	21.94	23.50	
		3	2	22.14	21.82	22.02	23.50	
		3	3	22.11	21.97	21.99	23.50	
	16QAM	6	0	21.96	22.06	21.94	23.50	
		1	0	21.88	21.88	22.04	23.50	
		1	2	21.83	22.05	21.84	23.50	
		1	5	21.91	22.08	21.98	23.50	
		3	0	21.03	21.11	21.03	22.50	
		3	2	20.99	21.00	21.05	22.50	
	64QAM	3	3	20.99	21.02	21.20	22.50	
		6	0	21.10	20.90	20.99	22.50	
		1	0	20.92	20.93	21.07	22.50	
		1	2	20.73	20.79	20.85	22.50	
		1	5	20.88	20.75	20.89	22.50	
		3	0	21.09	20.86	20.94	22.50	
	256QAM	3	2	20.96	20.89	21.05	22.50	
		3	3	20.76	20.77	20.90	22.50	
		6	0	20.24	20.37	20.34	21.50	
		1	0	18.67	18.80	18.56	19.50	
		1	2	18.61	18.66	18.62	19.50	
		1	5	18.54	18.80	18.79	19.50	
	3MHz	QPSK	3	0	18.72	18.53	18.64	19.50
			3	2	18.59	18.61	18.58	19.50
			3	3	18.64	18.65	18.84	19.50
			6	0	18.71	18.55	18.60	19.50
1			0	22.87	22.92	22.90	24.50	
1			7	22.78	22.91	22.92	24.50	
16QAM		1	14	22.81	22.88	22.81	24.50	
		8	0	21.87	22.16	22.00	23.50	
		8	4	22.11	21.83	22.01	23.50	
		8	7	22.11	21.97	22.03	23.50	
		15	0	21.90	22.05	21.98	23.50	
		1	0	21.89	21.87	21.99	23.50	
64QAM		1	7	21.90	22.04	21.79	23.50	
		1	14	21.96	22.08	21.97	23.50	
		8	0	20.99	21.11	21.00	22.50	
		8	4	20.98	21.03	20.99	22.50	
		8	7	21.03	21.03	21.21	22.50	
		15	0	21.02	20.87	21.00	22.50	
QPSK		1	0	20.96	20.88	21.07	22.50	
		1	7	20.72	20.70	20.86	22.50	
		1	14	20.86	20.80	20.95	22.50	
		8	0	20.14	20.20	20.15	21.50	
		8	4	20.05	20.05	20.14	21.50	
		8	7	20.34	20.29	20.17	21.50	

		15	0	20.23	20.37	20.34	21.50
	256QAM	1	0	18.71	18.76	18.61	19.50
		1	7	18.68	18.73	18.68	19.50
		1	14	18.56	18.75	18.90	19.50
		8	0	18.74	18.49	18.68	19.50
		8	4	18.50	18.67	18.46	19.50
		8	7	18.62	18.64	18.84	19.50
		15	0	18.65	18.47	18.55	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	22.91	23.00	22.96	24.50
		1	13	22.81	22.86	22.89	24.50
		1	24	22.83	22.86	22.82	24.50
		12	0	21.91	22.16	21.93	23.50
		12	6	22.07	21.83	22.08	23.50
		12	13	22.04	21.95	22.03	23.50
		25	0	21.89	22.06	21.92	23.50
	16QAM	1	0	21.90	21.89	22.02	23.50
		1	13	21.87	22.03	21.78	23.50
		1	24	21.91	22.03	21.96	23.50
		12	0	21.04	21.07	20.97	22.50
		12	6	20.99	20.99	21.05	22.50
		12	13	20.96	21.04	21.16	22.50
		25	0	21.07	20.84	20.95	22.50
	64QAM	1	0	20.95	20.90	21.09	22.50
		1	13	20.70	20.76	20.88	22.50
		1	24	20.87	20.77	20.95	22.50
		12	0	20.13	20.21	20.11	21.50
		12	6	20.04	20.07	20.08	21.50
		12	13	20.35	20.30	20.18	21.50
		25	0	20.26	20.36	20.30	21.50
	256QAM	1	0	18.69	18.77	18.53	19.50
		1	13	18.59	18.69	18.62	19.50
		1	24	18.46	18.86	18.79	19.50
		12	0	18.75	18.56	18.65	19.50
12		6	18.57	18.58	18.56	19.50	
12		13	18.68	18.68	18.74	19.50	
25		0	18.69	18.56	18.59	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.94	22.95	22.97	24.50
		1	25	22.85	22.84	22.92	24.50
		1	49	22.86	22.87	22.84	24.50
		25	0	21.92	22.17	21.95	23.50
		25	13	22.10	21.88	22.04	23.50
		25	25	22.06	21.91	21.98	23.50
		50	0	21.92	22.08	21.98	23.50
	16QAM	1	0	21.94	21.84	22.05	23.50
		1	25	21.91	22.09	21.79	23.50
		1	49	21.98	22.09	21.98	23.50
		25	0	21.05	21.08	21.00	22.50
		25	13	21.02	21.01	21.06	22.50
		25	25	21.00	21.02	21.17	22.50
		50	0	21.03	20.85	20.95	22.50
	64QAM	1	0	20.98	20.88	21.09	22.50

		1	25	20.68	20.77	20.86	22.50	
		1	49	20.84	20.73	20.89	22.50	
		25	0	20.13	20.20	20.14	21.50	
		25	13	20.11	20.08	20.06	21.50	
		25	25	20.30	20.25	20.19	21.50	
		50	0	20.27	20.41	20.30	21.50	
	256QAM	1	0	18.63	18.73	18.53	19.50	
		1	25	18.61	18.72	18.76	19.50	
		1	49	18.53	18.73	18.87	19.50	
		25	0	18.69	18.54	18.63	19.50	
		25	13	18.58	18.65	18.60	19.50	
		25	25	18.65	18.66	18.78	19.50	
50	0	18.63	18.49	18.52	19.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	1	0	22.93	22.91	22.96	24.50	
		1	38	22.79	22.85	22.87	24.50	
		1	74	22.84	22.87	22.88	24.50	
		36	0	21.88	22.11	21.96	23.50	
		36	18	22.14	21.80	22.00	23.50	
		36	39	22.07	21.92	22.01	23.50	
		75	0	21.97	22.08	21.92	23.50	
	16QAM	1	0	21.92	21.84	22.06	23.50	
		1	38	21.87	22.05	21.79	23.50	
		1	74	21.96	22.05	22.01	23.50	
		36	0	21.02	21.13	20.97	22.50	
		36	18	21.03	21.00	20.98	22.50	
		36	39	20.99	20.98	21.16	22.50	
		75	0	21.07	20.92	21.00	22.50	
	64QAM	1	0	20.97	20.94	21.06	22.50	
		1	38	20.70	20.70	20.90	22.50	
		1	74	20.80	20.79	20.91	22.50	
		36	0	20.12	20.20	20.16	21.50	
		36	18	20.06	20.09	20.07	21.50	
		36	39	20.35	20.25	20.16	21.50	
		75	0	20.24	20.41	20.35	21.50	
	256QAM	1	0	18.68	18.77	18.56	19.50	
		1	38	18.61	18.71	18.68	19.50	
		1	74	18.58	18.74	18.85	19.50	
		36	0	18.63	18.49	18.68	19.50	
		36	18	18.56	18.59	18.57	19.50	
		36	39	18.68	18.61	18.85	19.50	
		75	0	18.62	18.50	18.59	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	QPSK	1	0	22.92	23.03	22.92	24.50
1			50	22.76	22.85	22.85	24.50	
1			99	22.81	22.87	22.82	24.50	
50			0	21.90	22.18	21.98	23.50	
50			25	22.16	21.80	22.01	23.50	
50			50	22.04	21.93	21.99	23.50	
100			0	21.97	22.07	21.97	23.50	
16QAM		1	0	21.96	21.85	21.99	23.50	
		1	50	21.91	22.07	21.81	23.50	
		1	99	21.99	22.07	21.99	23.50	

		50	0	21.00	21.14	21.02	22.50
		50	25	21.02	21.02	21.05	22.50
		50	50	21.01	21.02	21.15	22.50
		100	0	21.04	20.91	20.93	22.50
	64QAM	1	0	20.91	20.88	21.02	22.50
		1	50	20.69	20.71	20.85	22.50
		1	99	20.83	20.74	20.88	22.50
		50	0	20.15	20.21	20.17	21.50
		50	25	20.05	20.09	20.10	21.50
		50	50	20.29	20.28	20.19	21.50
	256QAM	100	0	20.22	20.38	20.33	21.50
		1	0	18.58	18.81	18.51	19.50
		1	50	18.68	18.73	18.67	19.50
		1	99	18.53	18.75	18.78	19.50
		50	0	18.67	18.54	18.60	19.50
		50	25	18.56	18.62	18.52	19.50
		50	50	18.75	18.68	18.78	19.50
			100	0	18.72	18.47	18.59

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	23.37	23.35	23.18	24.50	
		1	13	23.18	23.20	23.30	24.50	
		1	24	23.24	23.23	23.18	24.50	
		12	0	22.36	22.51	22.35	23.50	
		12	6	22.50	22.30	22.47	23.50	
		12	13	22.51	22.33	22.39	23.50	
	16QAM	25	0	22.36	22.43	22.35	23.50	
		1	0	22.31	22.23	22.45	23.50	
		1	13	22.22	22.45	22.27	23.50	
		1	24	22.37	22.51	22.37	23.50	
		12	0	21.35	21.51	21.50	22.50	
		12	6	21.49	21.38	21.43	22.50	
	64QAM	12	13	21.42	21.37	21.53	22.50	
		25	0	21.47	21.29	21.38	22.50	
		1	0	21.32	21.38	21.46	22.50	
		1	13	21.07	21.22	21.29	22.50	
		1	24	21.25	21.15	21.34	22.50	
		12	0	20.58	20.60	20.60	21.50	
	256QAM	12	6	20.50	20.48	20.50	21.50	
		12	13	20.70	20.65	20.55	21.50	
		25	0	20.61	20.79	20.78	21.50	
		1	0	18.57	18.85	18.61	19.50	
		1	13	18.68	18.75	18.66	19.50	
		1	24	18.57	18.82	18.84	19.50	
			12	0	18.74	18.55	18.57	19.50
			12	6	18.51	18.63	18.54	19.50
			12	13	18.65	18.70	18.83	19.50
			25	0	18.61	18.48	18.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	37800	38000	38200		
				23.32	23.34	23.35	24.50	

		1	25	23.23	23.22	23.33	24.50
		1	49	23.24	23.23	23.25	24.50
		25	0	22.30	22.52	22.30	23.50
		25	13	22.56	22.30	22.50	23.50
		25	25	22.48	22.35	22.41	23.50
		50	0	22.28	22.43	22.42	23.50
	16QAM	1	0	22.28	22.29	22.44	23.50
		1	25	22.27	22.48	22.24	23.50
		1	49	22.36	22.42	22.40	23.50
		25	0	21.39	21.54	21.41	22.50
		25	13	21.45	21.33	21.42	22.50
		25	25	21.35	21.37	21.57	22.50
	64QAM	50	0	21.40	21.26	21.43	22.50
		1	0	21.38	21.33	21.39	22.50
		1	25	21.12	21.23	21.35	22.50
		1	49	21.20	21.11	21.33	22.50
		25	0	20.52	20.65	20.53	21.50
		25	13	20.47	20.52	20.53	21.50
	256QAM	25	25	20.77	20.67	20.59	21.50
		50	0	20.64	20.77	20.73	21.50
		1	0	18.56	18.75	18.61	19.50
1		25	18.69	18.70	18.72	19.50	
1		49	18.46	18.87	18.77	19.50	
25		0	18.74	18.51	18.66	19.50	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	23.34	23.36	23.21	24.50
		1	38	23.21	23.24	23.36	24.50
		1	74	23.22	23.22	23.21	24.50
		36	0	22.33	22.58	22.31	23.50
		36	18	22.51	22.30	22.47	23.50
		36	39	22.51	22.41	22.40	23.50
	16QAM	75	0	22.28	22.48	22.38	23.50
		1	0	22.30	22.26	22.40	23.50
		1	38	22.23	22.49	22.28	23.50
		1	74	22.34	22.47	22.38	23.50
		36	0	21.38	21.51	21.46	22.50
		36	18	21.41	21.36	21.41	22.50
	64QAM	36	39	21.43	21.40	21.54	22.50
		75	0	21.41	21.28	21.37	22.50
		1	0	21.35	21.31	21.45	22.50
		1	38	21.14	21.22	21.30	22.50
		1	74	21.21	21.15	21.36	22.50
		36	0	20.57	20.66	20.55	21.50
	256QAM	36	18	20.48	20.50	20.54	21.50
		36	39	20.75	20.64	20.60	21.50
		75	0	20.59	20.78	20.76	21.50
1		0	18.70	18.75	18.51	19.50	
1		38	18.58	18.61	18.64	19.50	
		1	74	18.59	18.84	18.80	19.50
		36	0	18.74	18.50	18.60	19.50
		36	18	18.59	18.60	18.50	19.50



Bandwidth	Modulation	36	39	18.67	18.70	18.87	19.50	
		75	0	18.63	18.57	18.55	19.50	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	23.37	23.40	23.33	24.50	
		1	50	23.21	23.27	23.32	24.50	
		1	99	23.26	23.23	23.26	24.50	
		50	0	22.33	22.55	22.34	23.50	
		50	25	22.56	22.22	22.50	23.50	
		50	50	22.53	22.41	22.43	23.50	
	16QAM	100	0	22.36	22.43	22.38	23.50	
		1	0	22.25	22.30	22.41	23.50	
		1	50	22.22	22.47	22.26	23.50	
		1	99	22.39	22.44	22.41	23.50	
		50	0	21.43	21.52	21.43	22.50	
		50	25	21.44	21.42	21.39	22.50	
	64QAM	50	50	21.43	21.37	21.59	22.50	
		100	0	21.44	21.28	21.43	22.50	
		1	0	21.38	21.37	21.39	22.50	
		1	50	21.14	21.18	21.36	22.50	
		1	99	21.21	21.14	21.35	22.50	
		50	0	20.51	20.63	20.56	21.50	
	256QAM	50	25	20.46	20.54	20.50	21.50	
		50	50	20.77	20.66	20.54	21.50	
		100	0	20.63	20.74	20.77	21.50	
		1	0	18.65	18.81	18.49	19.50	
		1	50	18.69	18.63	18.64	19.50	
		1	99	18.58	18.77	18.85	19.50	
			50	0	18.73	18.57	18.65	19.50
			50	25	18.57	18.57	18.53	19.50
			50	50	18.61	18.68	18.75	19.50
			100	0	18.62	18.48	18.59	19.50

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	22.09	22.24	21.89	23.00
		1	13	21.94	22.07	22.06	23.00
		1	24	21.95	22.00	21.97	23.00
		12	0	22.11	22.08	22.02	23.00
		12	6	22.02	21.92	22.03	23.00
		12	13	21.95	22.03	22.02	23.00
	16QAM	25	0	22.04	22.21	22.02	23.00
		1	0	22.05	21.94	22.09	23.00
		1	13	22.03	21.93	21.97	23.00
		1	24	21.90	22.02	22.02	23.00
		12	0	21.54	21.61	21.58	22.50
		12	6	21.58	21.50	21.52	22.50
	64QAM	12	13	21.54	21.58	21.66	22.50
		25	0	21.62	21.37	21.46	22.50
		1	0	21.39	21.51	21.62	22.50
		1	13	21.19	21.23	21.37	22.50
		1	24	21.28	21.18	21.45	22.50
		12	0	20.56	20.60	20.58	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	256QAM	12	6	20.49	20.57	20.47	21.50	
		12	13	20.80	20.63	20.54	21.50	
		25	0	20.60	20.76	20.81	21.50	
		1	0	18.57	18.85	18.61	19.50	
		1	13	18.68	18.75	18.66	19.50	
		1	24	18.57	18.82	18.84	19.50	
		12	0	18.74	18.55	18.57	19.50	
		12	6	18.51	18.63	18.54	19.50	
		12	13	18.65	18.70	18.83	19.50	
	25	0	18.61	18.48	18.59	19.50		
	10MHz	QPSK	1	0	22.03	22.21	22.03	23.00
			1	25	22.00	21.97	21.91	23.00
			1	49	21.88	22.01	22.08	23.00
			25	0	22.03	22.16	22.10	23.00
			25	13	21.85	22.01	22.00	23.00
			25	25	21.97	22.12	21.82	23.00
			50	0	22.03	22.20	22.01	23.00
		16QAM	1	0	21.91	21.94	22.05	23.00
1			25	21.91	22.04	22.06	23.00	
1			49	21.96	21.94	22.02	23.00	
25			0	21.43	21.53	21.61	22.50	
25			13	21.49	21.53	21.46	22.50	
25			25	21.53	21.59	21.66	22.50	
50			0	21.60	21.46	21.64	22.50	
64QAM		1	0	21.41	21.52	21.49	22.50	
		1	25	21.15	21.24	21.53	22.50	
		1	49	21.29	21.32	21.38	22.50	
		25	0	20.52	20.62	20.60	21.50	
		25	13	20.45	20.57	20.53	21.50	
		25	25	20.78	20.68	20.56	21.50	
		50	0	20.62	20.78	20.80	21.50	
256QAM		1	0	18.56	18.75	18.61	19.50	
		1	25	18.69	18.70	18.72	19.50	
		1	49	18.46	18.87	18.77	19.50	
		25	0	18.74	18.51	18.66	19.50	
		25	13	18.62	18.55	18.51	19.50	
		25	25	18.68	18.70	18.86	19.50	
	50	0	18.74	18.56	18.66	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	22.06	22.23	22.09	23.00	
		1	38	21.97	22.02	21.91	23.00	
		1	74	21.91	22.03	22.01	23.00	
		36	0	22.21	22.18	21.93	23.00	
		36	18	21.93	22.06	22.12	23.00	
		36	39	21.85	21.92	21.90	23.00	
		75	0	22.08	22.10	22.05	23.00	
	16QAM	1	0	21.97	22.04	22.05	23.00	
		1	38	21.94	22.08	22.10	23.00	
		1	74	22.01	21.96	21.92	23.00	
		36	0	21.52	21.70	21.55	22.50	
		36	18	21.65	21.52	21.49	22.50	
		36	39	21.65	21.49	21.68	22.50	

	64QAM	75	0	21.65	21.26	21.48	22.50
		1	0	21.41	21.41	21.39	22.50
		1	38	21.21	21.36	21.44	22.50
		1	74	21.26	21.26	21.46	22.50
		36	0	20.52	20.62	20.56	21.50
		36	18	20.46	20.57	20.50	21.50
		36	39	20.75	20.70	20.51	21.50
	256QAM	75	0	20.61	20.74	20.74	21.50
		1	0	18.70	18.75	18.51	19.50
		1	38	18.58	18.61	18.64	19.50
		1	74	18.59	18.84	18.80	19.50
		36	0	18.74	18.50	18.60	19.50
		36	18	18.59	18.60	18.50	19.50
		36	39	18.67	18.70	18.87	19.50
		75	0	18.63	18.57	18.55	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	22.12	22.26	22.07	23.00
		1	50	21.97	21.90	21.99	23.00
		1	99	22.01	21.91	22.02	23.00
		50	0	22.18	22.09	21.94	23.00
		50	25	21.93	21.99	21.98	23.00
		50	50	21.87	21.94	21.84	23.00
	16QAM	100	0	22.10	22.17	22.02	23.00
		1	0	21.81	21.89	22.07	23.00
		1	50	21.89	21.92	21.96	23.00
		1	99	21.87	22.02	22.07	23.00
		50	0	21.50	21.68	21.43	22.50
		50	25	21.51	21.62	21.60	22.50
	64QAM	50	50	21.52	21.43	21.62	22.50
		100	0	21.57	21.37	21.50	22.50
		1	0	21.53	21.62	21.46	22.50
		1	50	21.17	21.35	21.36	22.50
		1	99	21.34	21.25	21.44	22.50
		50	0	20.51	20.61	20.54	21.50
	256QAM	50	25	20.49	20.59	20.54	21.50
		50	50	20.79	20.63	20.57	21.50
		100	0	20.63	20.78	20.74	21.50
		1	0	18.65	18.81	18.49	19.50
		1	50	18.69	18.63	18.64	19.50
		1	99	18.58	18.77	18.85	19.50
		50	0	18.73	18.57	18.65	19.50
		50	25	18.57	18.57	18.53	19.50
		50	50	18.61	18.68	18.75	19.50
		100	0	18.62	18.48	18.59	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	23.45	23.51	23.46	23.51	23.49	24.50
		1	13	23.29	23.33	23.33	23.30	23.42	24.50
		1	24	23.34	23.36	23.33	23.33	23.35	24.50

	16QAM	12	0	22.47	22.64	22.40	22.66	22.43	23.50	
		12	6	22.60	22.33	22.64	22.41	22.61	23.50	
		12	13	22.58	22.51	22.59	22.44	22.54	23.50	
		25	0	22.47	22.56	22.45	22.57	22.45	23.50	
		1	0	22.35	22.32	22.42	22.39	22.49	23.50	
		1	13	22.33	22.56	22.37	22.53	22.40	23.50	
		1	24	22.41	22.60	22.41	22.56	22.51	23.50	
		12	0	21.49	21.59	21.45	21.64	21.53	22.50	
	64QAM	12	6	21.51	21.47	21.52	21.43	21.49	22.50	
		12	13	21.54	21.51	21.47	21.48	21.66	22.50	
		25	0	21.54	21.35	21.53	21.35	21.53	22.50	
		1	0	21.44	21.43	21.45	21.40	21.53	22.50	
		1	13	21.16	21.29	21.17	21.25	21.37	22.50	
		1	24	21.33	21.28	21.34	21.25	21.46	22.50	
		12	0	20.65	20.68	20.63	20.73	20.68	21.50	
		12	6	20.63	20.55	20.54	20.62	20.60	21.50	
	256QAM	12	13	20.83	20.80	20.81	20.77	20.68	21.50	
		25	0	20.71	20.85	20.75	20.86	20.86	21.50	
		1	0	18.48	18.56	18.67	18.85	18.59	19.50	
		1	13	18.51	18.41	18.57	18.65	18.62	19.50	
		1	24	18.39	18.49	18.46	18.75	18.80	19.50	
		12	0	18.50	18.40	18.71	18.51	18.67	19.50	
		12	6	18.40	18.56	18.56	18.66	18.61	19.50	
		12	13	18.50	18.56	18.67	18.60	18.85	19.50	
			25	0	18.38	18.53	18.64	18.48	18.56	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	23.42	23.46	23.43	23.45	23.44	24.50
1			25	23.35	23.38	23.35	23.30	23.43	24.50	
1			49	23.33	23.36	23.35	23.33	23.34	24.50	
25			0	22.40	22.61	22.42	22.61	22.46	23.50	
25			13	22.61	22.37	22.58	22.34	22.53	23.50	
25			25	22.54	22.45	22.63	22.45	22.55	23.50	
50			0	22.39	22.54	22.46	22.59	22.52	23.50	
16QAM		1	0	22.39	22.37	22.39	22.34	22.54	23.50	
		1	25	22.37	22.55	22.40	22.56	22.40	23.50	
		1	49	22.46	22.52	22.47	22.55	22.48	23.50	
		25	0	21.46	21.60	21.53	21.60	21.60	22.50	
		25	13	21.58	21.47	21.53	21.49	21.47	22.50	
		25	25	21.48	21.44	21.47	21.46	21.70	22.50	
		50	0	21.57	21.38	21.54	21.33	21.49	22.50	
64QAM		1	0	21.49	21.48	21.45	21.42	21.50	22.50	
		1	25	21.21	21.27	21.18	21.27	21.38	22.50	
		1	49	21.33	21.26	21.34	21.27	21.41	22.50	
		25	0	20.68	20.70	20.69	20.75	20.65	21.50	
		25	13	20.62	20.56	20.63	20.60	20.66	21.50	
		25	25	20.82	20.72	20.79	20.79	20.70	21.50	
		50	0	20.76	20.89	20.76	20.89	20.86	21.50	
256QAM		1	0	18.42	18.61	18.66	18.76	18.56	19.50	
		1	25	18.46	18.47	18.61	18.64	18.69	19.50	
		1	49	18.43	18.49	18.53	18.86	18.75	19.50	
		25	0	18.50	18.49	18.71	18.48	18.57	19.50	
		25	13	18.47	18.55	18.50	18.60	18.51	19.50	
		25	25	18.48	18.54	18.71	18.67	18.86	19.50	
		50	0	18.37	18.46	18.70	18.53	18.63	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.40	23.45	23.40	23.50	23.44	24.50
		1	38	23.32	23.30	23.33	23.37	23.44	24.50
		1	74	23.35	23.34	23.34	23.36	23.30	24.50
		36	0	22.38	22.64	22.45	22.66	22.47	23.50
		36	18	22.64	22.33	22.61	22.38	22.59	23.50
		36	39	22.59	22.49	22.63	22.49	22.55	23.50
		75	0	22.47	22.58	22.42	22.56	22.51	23.50
	16QAM	1	0	22.43	22.40	22.44	22.37	22.50	23.50
		1	38	22.39	22.61	22.36	22.57	22.34	23.50
		1	74	22.42	22.57	22.46	22.55	22.52	23.50
		36	0	21.48	21.60	21.50	21.61	21.57	22.50
		36	18	21.58	21.49	21.52	21.45	21.50	22.50
		36	39	21.47	21.47	21.47	21.50	21.71	22.50
		75	0	21.57	21.34	21.53	21.36	21.52	22.50
	64QAM	1	0	21.44	21.42	21.41	21.42	21.53	22.50
		1	38	21.17	21.26	21.24	21.24	21.40	22.50
		1	74	21.29	21.24	21.32	21.21	21.46	22.50
		36	0	20.68	20.74	20.67	20.67	20.69	21.50
		36	18	20.61	20.57	20.62	20.64	20.61	21.50
		36	39	20.80	20.79	20.81	20.78	20.70	21.50
		75	0	20.71	20.84	20.70	20.83	20.88	21.50
	256QAM	1	0	18.45	18.57	18.60	18.72	18.58	19.50
		1	38	18.40	18.41	18.68	18.67	18.69	19.50
		1	74	18.40	18.45	18.53	18.76	18.80	19.50
		36	0	18.57	18.43	18.66	18.49	18.69	19.50
		36	18	18.46	18.52	18.52	18.65	18.46	19.50
		36	39	18.45	18.51	18.71	18.69	18.76	19.50
		75	0	18.42	18.52	18.74	18.51	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.43	23.52	23.53	23.44	23.43	24.50
		1	50	23.31	23.37	23.32	23.35	23.45	24.50
		1	99	23.32	23.30	23.33	23.31	23.34	24.50
		50	0	22.46	22.69	22.71	22.65	22.47	23.50
		50	25	22.64	22.41	22.67	22.38	22.58	23.50
		50	50	22.55	22.47	22.62	22.44	22.52	23.50
		100	0	22.41	22.53	22.66	22.58	22.51	23.50
	16QAM	1	0	22.40	22.35	22.36	22.40	22.48	23.50
		1	50	22.34	22.60	22.36	22.53	22.37	23.50
		1	99	22.43	22.54	22.42	22.56	22.52	23.50
		50	0	21.52	21.62	21.46	21.59	21.56	22.50
		50	25	21.57	21.45	21.52	21.51	21.48	22.50
		50	50	21.46	21.50	21.50	21.45	21.70	22.50
		100	0	21.50	21.32	21.50	21.40	21.46	22.50
	64QAM	1	0	21.44	21.40	21.44	21.46	21.54	22.50
		1	50	21.21	21.27	21.23	21.32	21.43	22.50
		1	99	21.36	21.25	21.28	21.22	21.41	22.50
		50	0	20.66	20.71	20.61	20.69	20.63	21.50
		50	25	20.63	20.56	20.60	20.57	20.61	21.50
		50	50	20.86	20.78	20.87	20.76	20.68	21.50
		100	0	20.78	20.90	20.75	20.83	20.86	21.50
	256QAM	1	0	18.36	18.54	18.57	18.83	18.61	19.50
		1	50	18.44	18.50	18.63	18.72	18.64	19.50

		1	99	18.36	18.52	18.56	18.80	18.90	19.50
		50	0	18.54	18.52	18.75	18.47	18.58	19.50
		50	25	18.40	18.41	18.58	18.68	18.48	19.50
		50	50	18.55	18.59	18.75	18.60	18.83	19.50
		100	0	18.35	18.51	18.71	18.55	18.61	19.50

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	21.15	21.19	21.15	21.16	21.04	22.00
		1	13	21.01	20.91	21.06	20.95	20.99	22.00
		1	24	20.89	20.90	20.87	20.98	20.94	22.00
		12	0	21.13	21.13	21.15	21.16	21.08	22.00
		12	6	21.07	20.96	21.03	20.96	21.03	22.00
		12	13	20.87	20.95	20.90	20.91	20.96	22.00
		25	0	21.08	21.14	21.14	21.12	21.06	22.00
	16QAM	1	0	21.00	20.92	21.06	20.93	21.03	22.00
		1	13	20.92	20.92	20.89	20.91	20.95	22.00
		1	24	21.10	21.17	21.17	21.18	21.11	22.00
		12	0	21.04	20.96	21.01	20.92	21.01	22.00
		12	6	20.85	20.92	20.86	20.89	20.90	22.00
		12	13	21.14	21.15	21.08	21.18	21.07	22.00
		25	0	21.06	20.92	21.03	20.95	21.01	22.00
	64QAM	1	0	20.87	20.90	20.89	20.96	20.92	22.00
		1	13	21.17	21.15	21.10	21.20	21.11	22.00
		1	24	21.02	20.91	21.05	20.89	20.98	22.00
		12	0	20.73	20.60	20.68	20.65	20.69	21.50
		12	6	20.55	20.64	20.59	20.56	20.61	21.50
		12	13	20.78	20.88	20.74	20.91	20.81	21.50
		25	0	20.88	20.77	20.88	20.73	20.80	21.50
	256QAM	1	0	18.48	18.56	18.67	18.85	18.59	19.50
		1	13	18.51	18.41	18.57	18.65	18.62	19.50
		1	24	18.39	18.49	18.46	18.75	18.80	19.50
		12	0	18.50	18.40	18.71	18.51	18.67	19.50
		12	6	18.40	18.56	18.56	18.66	18.61	19.50
		12	13	18.50	18.56	18.67	18.60	18.85	19.50
		25	0	18.38	18.53	18.64	18.48	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.16	21.18	21.11	21.15	21.08	22.00
		1	25	21.06	20.89	21.00	20.91	21.03	22.00
		1	49	20.88	20.93	20.92	20.91	20.96	22.00
		25	0	21.11	21.16	21.13	21.19	21.03	22.00
		25	13	20.99	20.96	21.04	20.94	21.02	22.00
		25	25	20.84	20.94	20.91	20.89	20.96	22.00
		50	0	21.09	21.15	21.11	21.18	21.11	22.00
	16QAM	1	0	21.00	20.88	20.98	20.95	21.00	22.00
		1	25	20.88	20.93	20.86	20.90	20.96	22.00
		1	49	21.11	21.11	21.16	21.18	21.07	22.00
		25	0	21.01	20.96	21.07	20.89	21.03	22.00
		25	13	20.86	20.92	20.86	20.93	20.89	22.00
		25	25	21.12	21.17	21.08	21.17	21.06	22.00
		50	0	21.03	20.92	21.05	20.95	21.05	22.00

	64QAM	1	0	20.88	20.92	20.89	20.95	20.92	22.00	
		1	25	21.14	21.11	21.14	21.12	21.04	22.00	
		1	49	21.05	20.93	21.07	20.96	20.96	22.00	
		25	0	20.75	20.57	20.75	20.65	20.73	21.50	
		25	13	20.60	20.61	20.57	20.64	20.58	21.50	
		25	25	20.79	20.85	20.75	20.91	20.77	21.50	
		50	0	20.95	20.76	20.92	20.77	20.84	21.50	
	256QAM	1	0	18.42	18.61	18.66	18.76	18.56	19.50	
		1	25	18.46	18.47	18.61	18.64	18.69	19.50	
		1	49	18.43	18.49	18.53	18.86	18.75	19.50	
		25	0	18.50	18.49	18.71	18.48	18.57	19.50	
		25	13	18.47	18.55	18.50	18.60	18.51	19.50	
		25	25	18.48	18.54	18.71	18.67	18.86	19.50	
		50	0	18.37	18.46	18.70	18.53	18.63	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
<b>15MHz</b>	QPSK	1	0	39725	40173	40620	41068	41515		
		1	38	21.10	21.13	21.12	21.12	21.06	22.00	
		1	74	21.04	20.95	20.98	20.93	21.03	22.00	
		36	0	20.92	20.98	20.88	20.96	20.89	22.00	
		36	18	21.12	21.15	21.14	21.11	21.09	22.00	
		36	39	21.03	20.92	20.99	20.94	21.00	22.00	
		75	0	20.91	20.92	20.93	20.95	20.88	22.00	
	16QAM	1	0	21.16	21.13	21.10	21.20	21.11	22.00	
		1	38	20.99	20.88	21.00	20.89	21.02	22.00	
		1	74	20.87	20.90	20.89	20.95	20.90	22.00	
		36	0	21.11	21.17	21.16	21.15	21.05	22.00	
		36	18	20.98	20.89	21.04	20.93	21.02	22.00	
		36	39	20.89	20.90	20.91	20.98	20.90	22.00	
		75	0	21.12	21.19	21.09	21.15	21.08	22.00	
	64QAM	1	0	21.06	20.90	21.04	20.90	21.02	22.00	
		1	38	20.92	20.98	20.90	20.90	20.88	22.00	
		1	74	21.11	21.14	21.10	21.18	21.08	22.00	
		36	0	21.04	20.95	21.01	20.96	21.00	22.00	
		36	18	20.74	20.65	20.69	20.66	20.66	21.50	
		36	39	20.57	20.60	20.58	20.60	20.62	21.50	
		75	0	20.78	20.91	20.83	20.90	20.77	21.50	
	256QAM	1	0	20.87	20.79	20.87	20.78	20.86	21.50	
		1	38	18.45	18.57	18.60	18.72	18.58	19.50	
		1	74	18.40	18.41	18.68	18.67	18.69	19.50	
		36	0	18.40	18.45	18.53	18.76	18.80	19.50	
		36	18	18.45	18.43	18.66	18.49	18.69	19.50	
		36	39	18.46	18.52	18.52	18.65	18.46	19.50	
		75	0	18.45	18.51	18.71	18.69	18.76	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
	<b>20MHz</b>	QPSK	1	0	39750	40185	40620	41055	41490	
1			50	21.17	21.18	21.26	21.17	21.08	22.00	
1			99	21.04	20.89	20.99	20.91	21.03	22.00	
50			0	20.90	20.95	20.88	20.96	20.91	22.00	
50			25	21.13	21.14	21.20	21.17	21.08	22.00	
50			50	21.05	20.93	20.99	20.91	21.00	22.00	
100			0	20.90	20.92	20.87	20.91	20.96	22.00	
16QAM		1	0	21.12	21.19	21.23	21.12	21.03	22.00	
		1	50	21.04	20.94	21.00	20.93	21.00	22.00	
		1	50	21.12	21.19	21.23	21.12	21.03	22.00	



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		1	99	21.16	21.18	21.17	21.12	21.09	22.00
		50	0	21.01	20.89	21.00	20.88	21.03	22.00
		50	25	20.88	20.96	20.85	20.95	20.90	22.00
		50	50	21.10	21.14	21.16	21.13	21.05	22.00
		100	0	21.02	20.97	21.01	20.89	21.04	22.00
	64QAM	1	0	20.91	20.90	20.87	20.92	20.87	22.00
		1	50	21.08	21.14	21.09	21.13	21.11	22.00
		1	99	21.02	20.97	21.05	20.91	21.00	22.00
		50	0	20.76	20.59	20.70	20.66	20.66	21.50
		50	25	20.54	20.56	20.54	20.59	20.57	21.50
		50	50	20.82	20.88	20.78	20.87	20.79	21.50
	256QAM	100	0	20.86	20.80	20.89	20.77	20.86	21.50
		1	0	18.36	18.54	18.57	18.83	18.61	19.50
		1	50	18.44	18.50	18.63	18.72	18.64	19.50
		1	99	18.36	18.52	18.56	18.80	18.90	19.50
		50	0	18.54	18.52	18.75	18.47	18.58	19.50
		50	25	18.40	18.41	18.58	18.68	18.48	19.50
		50	50	18.55	18.59	18.75	18.60	18.83	19.50
	100	0	18.35	18.51	18.71	18.55	18.61	19.50	

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## 5 Conducted Power of ENDC\_LTE Antenna(Ant0)

### 5.1 Conducted Power of LTE

LTE Band 2 ENDC Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.01	20.26	20.01	20.8
		1	2	19.82	20.17	19.67	20.8
		1	5	19.84	19.81	19.81	20.8
		3	0	19.98	20.27	19.98	20.8
		3	2	19.68	19.93	19.78	20.8
		3	3	19.94	20.06	20.00	20.8
	16QAM	6	0	20.05	20.13	19.86	20.8
		1	0	20.05	19.93	19.94	20.8
		1	2	19.83	19.96	20.07	20.8
		1	5	19.96	20.08	19.81	20.8
		3	0	19.69	19.95	19.79	20.8
		3	2	20.07	19.98	19.73	20.8
	64QAM	3	3	19.95	20.14	20.02	20.8
		6	0	19.91	20.04	19.77	20.8
		1	0	19.99	19.84	20.08	20.8
		1	2	19.87	19.92	20.01	20.8
		1	5	19.64	19.84	19.72	20.8
		3	0	19.80	19.93	19.94	20.8
	256QAM	3	2	19.88	20.09	20.03	20.8
		3	3	19.94	20.06	19.73	20.8
		6	0	20.11	19.79	19.95	20.8
		1	0	18.00	18.11	18.06	18.8
		1	2	18.05	18.01	18.17	18.8
		1	5	17.99	18.05	18.15	18.8
3MHz	QPSK	3	0	18.07	18.03	18.07	18.8
		3	2	18.02	18.06	18.04	18.8
		3	3	18.07	18.11	18.16	18.8
		6	0	17.97	18.04	18.07	18.8
		1	0	20.00	20.15	19.96	20.8
		1	7	19.90	20.09	19.71	20.8
	16QAM	1	14	20.02	19.76	19.83	20.8
		8	0	19.86	20.11	20.07	20.8
		8	4	19.69	20.02	19.91	20.8
		8	7	19.93	19.99	19.88	20.8
		15	0	19.97	19.96	19.79	20.8
		1	0	19.96	19.99	19.83	20.8
	64QAM	1	7	20.00	20.05	20.03	20.8
		1	14	19.99	20.02	19.90	20.8
		8	0	19.85	19.91	19.78	20.8
		8	4	19.98	19.95	19.74	20.8
		8	7	19.87	20.03	19.96	20.8
		15	0	19.90	20.14	19.69	20.8
	QPSK	1	0	19.99	20.06	20.08	20.8
		1	7	19.78	19.94	20.13	20.8
		1	14	19.76	19.91	19.76	20.8
		8	0	19.78	19.79	20.00	20.8
		8	4	20.00	20.08	19.91	20.8
		8	7	20.01	20.11	19.85	20.8

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	256QAM	15	0	20.04	19.99	19.88	20.8	
		1	0	17.97	18.11	18.09	18.8	
		1	7	18.02	18.04	18.22	18.8	
		1	14	18.08	18.04	18.07	18.8	
		8	0	17.96	18.07	18.00	18.8	
		8	4	18.13	18.15	18.06	18.8	
		8	7	17.99	18.15	18.17	18.8	
	15	0	18.02	18.10	18.03	18.8		
	5MHz	QPSK	1	0	19.87	20.21	19.96	20.8
			1	13	20.04	20.07	19.74	20.8
			1	24	19.84	19.88	19.78	20.8
			12	0	19.97	20.19	20.01	20.8
			12	6	19.71	20.02	19.77	20.8
			12	13	19.81	20.08	19.80	20.8
			25	0	20.11	20.05	19.81	20.8
		16QAM	1	0	20.01	20.05	19.81	20.8
			1	13	19.92	19.89	20.09	20.8
			1	24	19.98	19.96	19.78	20.8
			12	0	19.70	19.88	19.94	20.8
			12	6	20.00	19.88	19.77	20.8
			12	13	20.07	20.23	19.82	20.8
			25	0	19.76	20.10	19.84	20.8
		64QAM	1	0	19.85	19.90	20.14	20.8
			1	13	19.99	19.99	19.97	20.8
			1	24	19.78	19.97	19.70	20.8
12			0	19.86	19.81	19.99	20.8	
12			6	19.85	20.12	19.95	20.8	
12			13	20.00	20.09	19.75	20.8	
25			0	20.10	19.97	20.00	20.8	
256QAM		1	0	18.06	18.03	18.03	18.8	
		1	13	18.08	18.00	18.14	18.8	
		1	24	17.98	18.05	18.12	18.8	
		12	0	18.03	18.03	18.08	18.8	
	12	6	18.11	18.05	18.17	18.8		
	12	13	18.11	18.02	18.20	18.8		
	25	0	17.95	18.07	18.07	18.8		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	19.85	20.11	19.94	20.8	
		1	25	19.82	20.26	19.74	20.8	
		1	49	19.97	19.87	19.85	20.8	
		25	0	20.02	20.19	19.96	20.8	
		25	13	19.78	19.99	19.78	20.8	
		25	25	19.84	19.90	19.95	20.8	
		50	0	20.12	20.09	20.01	20.8	
	16QAM	1	0	19.90	20.00	19.72	20.8	
		1	25	19.97	20.03	20.08	20.8	
		1	49	19.92	20.02	19.94	20.8	
		25	0	19.82	19.87	19.90	20.8	
		25	13	19.98	19.83	19.92	20.8	
		25	25	19.85	20.23	19.99	20.8	
		50	0	19.81	20.13	19.78	20.8	
	64QAM	1	0	19.91	20.03	19.94	20.8	
		1	25	19.87	20.01	20.07	20.8	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	256QAM	1	49	19.76	19.94	19.64	20.8	
		25	0	19.84	19.78	19.97	20.8	
		25	13	19.97	20.16	19.89	20.8	
		25	25	19.95	20.19	19.84	20.8	
		50	0	20.15	19.88	20.06	20.8	
		1	0	17.94	18.02	18.03	18.8	
		1	25	18.15	18.06	18.22	18.8	
		1	49	18.00	17.95	18.06	18.8	
		25	0	18.03	18.11	18.08	18.8	
	25	13	18.16	18.12	18.18	18.8		
	25	25	18.08	18.09	18.17	18.8		
	50	0	18.01	18.08	18.00	18.8		
	15MHz	QPSK	1	0	19.83	20.21	20.04	20.8
			1	38	20.00	20.12	19.80	20.8
			1	74	19.97	19.83	19.70	20.8
			36	0	19.92	20.09	20.04	20.8
			36	18	19.78	19.92	19.92	20.8
			36	39	19.84	19.95	19.94	20.8
75			0	20.08	20.08	19.82	20.8	
16QAM		1	0	19.95	20.07	19.76	20.8	
		1	38	19.82	19.91	19.92	20.8	
		1	74	19.91	20.17	19.76	20.8	
		36	0	19.86	19.97	19.76	20.8	
		36	18	19.95	20.01	19.71	20.8	
		36	39	19.96	20.22	19.91	20.8	
		75	0	19.75	20.14	19.70	20.8	
64QAM		1	0	19.91	19.93	20.03	20.8	
		1	38	19.99	20.03	19.97	20.8	
		1	74	19.68	19.84	19.71	20.8	
		36	0	19.90	20.00	19.87	20.8	
		36	18	19.86	20.02	20.00	20.8	
		36	39	20.01	20.13	19.70	20.8	
		75	0	20.05	19.91	20.10	20.8	
256QAM		1	0	17.95	18.06	18.15	18.8	
		1	38	18.10	18.10	18.19	18.8	
		1	74	18.02	18.07	18.14	18.8	
		36	0	18.02	18.01	18.07	18.8	
		36	18	18.06	18.12	18.05	18.8	
		36	39	18.00	18.11	18.08	18.8	
	75	0	18.03	18.04	18.07	18.8		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	QPSK	1	0	19.87	20.32	20.02	20.8	
		1	50	20.01	20.22	19.69	20.8	
		1	99	20.02	19.87	19.69	20.8	
		50	0	19.92	20.13	20.03	20.8	
		50	25	19.71	20.12	19.76	20.8	
		50	50	19.90	20.07	19.82	20.8	
		100	0	19.92	20.02	19.88	20.8	
	16QAM	1	0	19.94	20.07	19.84	20.8	

		1	50	20.01	20.09	19.96	20.8
		1	99	19.85	20.09	19.84	20.8
		50	0	19.81	19.94	19.76	20.8
		50	25	19.91	19.97	19.73	20.8
		50	50	19.97	20.20	19.84	20.8
		100	0	19.91	20.10	19.71	20.8
	64QAM	1	0	19.92	20.01	20.10	20.8
		1	50	19.78	20.08	20.14	20.8
		1	99	19.78	19.85	19.79	20.8
		50	0	19.90	19.83	19.98	20.8
		50	25	19.99	20.02	20.07	20.8
		50	50	19.96	20.15	19.91	20.8
	256QAM	100	0	20.08	19.89	19.89	20.8
		1	0	17.93	18.02	18.04	18.8
		1	50	18.12	18.05	18.11	18.8
		1	99	18.04	18.09	18.13	18.8
		50	0	17.98	18.02	18.11	18.8
		50	25	18.16	18.04	18.11	18.8
		50	50	18.02	18.12	18.13	18.8
		100	0	17.94	18.05	18.00	18.8

LTE Band 5 ENDC Sensor on & Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.15	21.42	21.15	22.50
		1	2	21.22	21.41	20.90	22.50
		1	5	21.13	21.10	20.99	22.50
		3	0	21.24	21.40	21.18	22.50
		3	2	20.91	21.12	21.09	22.50
		3	3	21.20	21.14	21.19	22.50
	16QAM	6	0	21.25	21.16	21.22	22.50
		1	0	21.04	21.20	20.91	22.50
		1	2	21.13	21.27	21.28	22.50
		1	5	21.12	21.36	21.08	22.50
		3	0	20.93	21.10	21.07	22.50
		3	2	21.06	21.25	20.93	22.50
	64QAM	3	3	21.24	21.25	20.99	22.50
		6	0	21.02	21.27	21.07	22.50
		1	0	21.24	21.11	21.28	22.50
		1	2	21.18	21.30	21.22	22.50
		1	5	20.85	21.17	20.98	22.50
		3	0	21.04	21.00	21.09	22.50
	256QAM	3	2	21.17	21.29	21.10	22.50
		3	3	21.20	21.35	21.00	22.50
		6	0	21.16	21.13	21.14	22.50
		1	0	19.61	19.75	19.72	20.50
		1	2	19.65	19.68	19.73	20.50
		1	5	19.62	19.56	19.66	20.50
		3	0	19.66	19.66	19.59	20.50
		3	2	19.67	19.64	19.76	20.50
		3	3	19.62	19.65	19.69	20.50
		6	0	19.55	19.75	19.74	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	21.24	21.41	21.10	22.50
		1	7	21.04	21.30	21.03	22.50
		1	14	21.23	21.01	21.04	22.50
		8	0	21.22	21.28	21.11	22.50
		8	4	20.95	21.20	21.07	22.50
		8	7	21.15	21.07	21.08	22.50
	16QAM	15	0	21.24	21.23	21.06	22.50
		1	0	21.15	21.05	21.02	22.50
		1	7	21.11	21.26	21.12	22.50
		1	14	21.23	21.25	21.11	22.50
		8	0	21.01	21.21	21.19	22.50
		8	4	21.28	21.11	21.12	22.50
	64QAM	8	7	21.10	21.36	21.20	22.50
		15	0	21.05	21.36	20.86	22.50
		1	0	21.04	21.08	21.37	22.50
		1	7	21.13	21.13	21.27	22.50
		1	14	20.91	21.15	20.88	22.50
		8	0	20.97	21.09	21.30	22.50
	256QAM	8	4	21.19	21.22	21.21	22.50
		8	7	21.12	21.25	20.99	22.50
		15	0	21.16	21.15	21.15	22.50
		1	0	19.65	19.66	19.72	20.50
		1	7	19.74	19.71	19.83	20.50
		1	14	19.63	19.55	19.70	20.50
5MHz	QPSK	8	0	19.54	19.64	19.70	20.50
		8	4	19.65	19.63	19.68	20.50
		8	7	19.68	19.63	19.66	20.50
		15	0	19.54	19.72	19.64	20.50
		1	0	21.18	21.41	21.29	22.50
		1	13	21.04	21.40	20.94	22.50
	16QAM	1	24	21.05	20.98	20.99	22.50
		12	0	21.05	21.47	21.18	22.50
		12	6	20.89	21.22	21.11	22.50
		12	13	21.04	21.13	21.01	22.50
		25	0	21.34	21.17	21.10	22.50
		1	0	21.22	21.08	21.08	22.50
	64QAM	1	13	21.04	21.21	21.17	22.50
		1	24	21.11	21.25	21.04	22.50
		12	0	20.97	21.23	21.00	22.50
		12	6	21.10	21.18	21.14	22.50
		12	13	21.10	21.39	21.04	22.50
		25	0	21.12	21.35	20.89	22.50
	256QAM	1	0	21.09	21.07	21.28	22.50
		1	13	21.18	21.18	21.27	22.50
		1	24	20.92	21.20	21.00	22.50
		12	0	21.05	21.09	21.31	22.50
		12	6	21.01	21.28	21.06	22.50
		12	13	21.13	21.28	21.11	22.50
256QAM	25	0	21.28	21.01	21.12	22.50	
	1	0	19.56	19.68	19.73	20.50	
	1	13	19.65	19.71	19.71	20.50	
		1	24	19.70	19.59	19.70	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	12	0	19.64	19.66	19.65	20.50
		12	6	19.64	19.74	19.78	20.50
		12	13	19.60	19.74	19.68	20.50
		25	0	19.56	19.63	19.64	20.50
		1	0	21.18	21.55	21.23	22.50
		1	25	21.17	21.37	20.92	22.50
	16QAM	1	49	21.03	21.01	21.09	22.50
		25	0	21.15	21.31	21.19	22.50
		25	13	20.81	21.14	20.91	22.50
		25	25	21.12	21.14	21.23	22.50
		50	0	21.15	21.19	20.99	22.50
		1	0	21.15	21.15	21.13	22.50
	64QAM	1	25	21.17	21.15	21.25	22.50
		1	49	21.22	21.17	20.97	22.50
		25	0	20.96	21.21	21.01	22.50
		25	13	21.20	21.23	20.94	22.50
		25	25	21.15	21.34	21.16	22.50
		50	0	21.14	21.43	20.94	22.50
	256QAM	1	0	21.15	21.05	21.30	22.50
		1	25	21.16	21.16	21.23	22.50
		1	49	20.99	21.20	21.07	22.50
		25	0	21.08	21.05	21.21	22.50
		25	13	21.05	21.21	21.06	22.50
		25	25	21.09	21.31	20.90	22.50
	256QAM	50	0	21.38	21.20	21.16	22.50
		1	0	19.58	19.65	19.75	20.50
		1	25	19.71	19.74	19.78	20.50
		1	49	19.58	19.65	19.77	20.50
		25	0	19.53	19.71	19.59	20.50
		25	13	19.74	19.77	19.67	20.50
25	25	19.63	19.68	19.76	20.50		
50	0	19.61	19.69	19.59	20.50		

LTE Band 7 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.83	24.00	23.70	25.00
		1	13	23.96	23.69	23.69	25.00
		1	24	23.89	23.76	23.61	25.00
		12	0	22.86	23.02	22.78	24.00
		12	6	22.97	22.69	23.01	24.00
		12	13	22.79	22.85	22.86	24.00
	16QAM	25	0	22.77	22.84	22.89	24.00
		1	0	22.96	22.87	23.04	24.00
		1	13	22.75	22.87	22.76	24.00
		1	24	22.87	22.86	22.80	24.00
		12	0	21.76	22.01	21.91	23.00
		12	6	21.94	21.76	21.95	23.00
	64QAM	12	13	21.92	21.96	21.93	23.00
		25	0	21.94	21.83	21.90	23.00
		1	0	21.82	21.73	21.84	23.00
		1	13	21.57	21.66	21.60	23.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	256QAM	1	24	21.74	21.55	21.76	23.00	
		12	0	21.07	21.16	21.03	22.00	
		12	6	21.06	20.87	20.91	22.00	
		12	13	21.30	21.22	21.24	22.00	
		25	0	21.17	21.06	21.22	22.00	
		1	0	18.75	18.77	18.68	20.00	
		1	13	18.84	18.80	18.67	20.00	
	16QAM	1	24	18.65	18.94	18.90	20.00	
		12	0	18.77	18.59	18.72	20.00	
		12	6	18.82	18.74	18.62	20.00	
		12	13	18.68	18.82	19.03	20.00	
		25	0	18.86	18.65	18.69	20.00	
		QPSK	1	0	23.80	23.91	23.72	25.00
			1	25	23.77	23.79	23.77	25.00
1	49		23.72	23.69	23.57	25.00		
25	0		22.86	22.96	22.88	24.00		
25	13		22.97	22.74	22.86	24.00		
25	25		22.99	22.94	22.84	24.00		
50	0		22.85	22.97	22.85	24.00		
64QAM	1		0	22.83	22.79	22.97	24.00	
	1		25	22.62	22.94	22.64	24.00	
	1		49	22.74	22.85	22.79	24.00	
	25		0	21.78	21.90	21.70	23.00	
	25		13	21.81	21.76	21.96	23.00	
	25		25	21.97	21.88	22.02	23.00	
256QAM	50		0	21.87	21.65	21.79	23.00	
	1	0	21.73	21.73	21.81	23.00		
	1	25	21.64	21.45	21.64	23.00		
	1	49	21.69	21.64	21.80	23.00		
	25	0	21.04	21.05	21.02	22.00		
	25	13	21.00	21.02	20.99	22.00		
	25	25	21.09	21.06	21.19	22.00		
16QAM	50	0	21.28	21.10	21.29	22.00		
	1	0	18.64	18.83	18.59	20.00		
	1	25	18.74	18.74	18.64	20.00		
	1	49	18.70	18.96	18.94	20.00		
	25	0	18.87	18.62	18.70	20.00		
	25	13	18.71	18.76	18.59	20.00		
	25	25	18.66	18.87	19.04	20.00		
50	0	18.82	18.61	18.61	20.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	20825		20825	21100	21375		
		1	0	23.83	23.87	23.71	25.00	
		1	38	23.86	23.68	23.68	25.00	
		1	74	23.71	23.70	23.64	25.00	
		36	0	22.68	23.00	22.94	24.00	
		36	18	22.83	22.70	22.88	24.00	
		36	39	22.85	22.88	22.90	24.00	
	16QAM	75	0	22.82	22.88	22.86	24.00	
		1	0	22.82	22.68	22.87	24.00	
		1	38	22.72	23.03	22.67	24.00	
		1	74	22.87	22.98	22.83	24.00	
		36	0	21.75	21.88	21.74	23.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	36	18	21.88	21.88	21.78	23.00	
		36	39	21.87	21.88	21.85	23.00	
		75	0	21.95	21.84	21.82	23.00	
		1	0	21.74	21.83	21.77	23.00	
		1	38	21.68	21.65	21.65	23.00	
		1	74	21.68	21.72	21.82	23.00	
		36	0	21.10	21.05	20.99	22.00	
		36	18	20.88	21.03	20.99	22.00	
		36	39	21.15	21.23	21.25	22.00	
	75	0	21.09	21.11	21.26	22.00		
	256QAM	1	0	18.71	18.84	18.65	20.00	
		1	38	18.73	18.75	18.78	20.00	
		1	74	18.72	18.92	18.94	20.00	
		36	0	18.90	18.63	18.74	20.00	
		36	18	18.82	18.78	18.64	20.00	
		36	39	18.66	18.80	19.00	20.00	
		75	0	18.76	18.62	18.64	20.00	
	20MHz	QPSK	1	0	23.88	24.01	23.76	25.00
			1	50	23.83	23.81	23.70	25.00
			1	99	23.91	23.84	23.61	25.00
			50	0	22.73	22.99	22.94	24.00
			50	25	22.84	22.66	22.96	24.00
			50	50	22.92	22.90	22.73	24.00
			100	0	22.89	23.03	22.90	24.00
		16QAM	1	0	22.83	22.84	22.90	24.00
			1	50	22.61	22.87	22.74	24.00
			1	99	22.84	22.96	22.77	24.00
			50	0	21.77	22.08	21.87	23.00
50			25	21.76	21.72	21.81	23.00	
50			50	21.98	21.95	22.01	23.00	
100			0	21.88	21.72	21.76	23.00	
64QAM		1	0	21.88	21.85	21.94	23.00	
		1	50	21.70	21.51	21.61	23.00	
		1	99	21.68	21.57	21.77	23.00	
		50	0	21.17	21.02	21.03	22.00	
		50	25	21.03	20.94	20.88	22.00	
		50	50	21.13	21.06	21.06	22.00	
		100	0	21.09	21.17	21.25	22.00	
256QAM		1	0	18.75	18.81	18.57	20.00	
		1	50	18.73	18.82	18.66	20.00	
		1	99	18.76	18.84	18.92	20.00	
		50	0	18.79	18.64	18.70	20.00	
		50	25	18.80	18.82	18.58	20.00	
		50	50	18.71	18.84	18.91	20.00	
		100	0	18.79	18.59	18.58	20.00	

LTE Band 7 ENDC 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	18.47	18.68	18.50	19.50
		1	13	18.46	18.70	18.26	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	18.36	18.65	18.41	19.50	
		1	25	18.38	18.52	18.30	19.50	
		1	49	18.56	18.44	18.34	19.50	
		25	0	18.47	18.64	18.57	19.50	
		25	13	18.44	18.65	18.52	19.50	
		25	25	18.57	18.45	18.31	19.50	
		50	0	18.53	18.59	18.38	19.50	
		16QAM	1	0	18.37	18.51	18.28	19.50
			1	25	18.36	18.35	18.48	19.50
			1	49	18.55	18.43	18.50	19.50
			25	0	18.39	18.63	18.42	19.50
			25	13	18.40	18.35	18.36	19.50
			25	25	18.60	18.56	18.48	19.50
			50	0	18.39	18.61	18.47	19.50
		64QAM	1	0	18.55	18.53	18.37	19.50
	1		25	18.57	18.63	18.53	19.50	
	1		49	18.34	18.65	18.36	19.50	
	25		0	18.46	18.47	18.59	19.50	
	25		13	18.52	18.58	18.48	19.50	
	25		25	18.33	18.65	18.26	19.50	
	50		0	18.50	18.46	18.39	19.50	
	256QAM	1	0	18.02	17.84	18.17	19.50	
		1	25	17.81	17.92	18.10	19.50	
		1	49	17.82	17.77	18.03	19.50	
		25	0	17.73	18.12	17.88	19.50	
		25	13	17.71	18.01	18.13	19.50	
		25	25	17.93	18.10	18.18	19.50	
		50	0	17.73	18.10	17.78	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.38	18.74	18.48	19.50
		1	38	18.42	18.64	18.33	19.50
		1	74	18.45	18.36	18.53	19.50
		36	0	18.45	18.60	18.52	19.50
		36	18	18.25	18.54	18.45	19.50
		36	39	18.60	18.39	18.47	19.50
		75	0	18.43	18.70	18.38	19.50
	16QAM	1	0	18.46	18.61	18.41	19.50
		1	38	18.33	18.47	18.54	19.50
		1	74	18.59	18.45	18.46	19.50
		36	0	18.29	18.50	18.49	19.50
		36	18	18.56	18.55	18.43	19.50
		36	39	18.54	18.71	18.55	19.50
		75	0	18.32	18.57	18.42	19.50
	64QAM	1	0	18.35	18.44	18.51	19.50
		1	38	18.56	18.47	18.53	19.50
		1	74	18.40	18.62	18.38	19.50
		36	0	18.41	18.39	18.54	19.50
		36	18	18.46	18.48	18.36	19.50
		36	39	18.41	18.63	18.31	19.50
		75	0	18.54	18.40	18.44	19.50
	256QAM	1	0	17.82	17.88	18.13	19.50
		1	38	17.69	17.95	17.95	19.50
		1	74	17.91	17.96	18.06	19.50
36		0	17.72	18.02	18.04	19.50	
36		18	17.88	18.04	17.96	19.50	
36		39	18.03	17.98	18.21	19.50	
75		0	17.66	18.19	17.90	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	18.48	18.75	18.41	19.50
		1	50	18.38	18.63	18.37	19.50
		1	99	18.46	18.57	18.50	19.50
		50	0	18.46	18.72	18.45	19.50
		50	25	18.23	18.56	18.32	19.50
		50	50	18.37	18.50	18.34	19.50
		100	0	18.54	18.70	18.54	19.50
	16QAM	1	0	18.42	18.55	18.38	19.50
		1	50	18.37	18.39	18.59	19.50
		1	99	18.43	18.47	18.60	19.50
		50	0	18.34	18.60	18.30	19.50
		50	25	18.52	18.47	18.33	19.50
		50	50	18.41	18.64	18.49	19.50
		100	0	18.25	18.70	18.38	19.50
	64QAM	1	0	18.53	18.52	18.55	19.50
		1	50	18.51	18.60	18.54	19.50
		1	99	18.44	18.63	18.25	19.50
		50	0	18.55	18.35	18.42	19.50
		50	25	18.44	18.53	18.58	19.50
		50	50	18.41	18.58	18.32	19.50
		100	0	18.54	18.52	18.48	19.50
	256QAM	1	0	17.92	17.90	18.05	19.50
		1	50	17.68	18.08	18.08	19.50
		1	99	17.84	17.83	18.16	19.50

		50	0	17.85	17.91	17.92	19.50
		50	25	17.79	18.10	18.02	19.50
		50	50	17.95	18.00	18.11	19.50
		100	0	17.87	18.09	17.77	19.50

LTE Band 38 ENDC 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	21.14	21.46	21.21	22.50
		1	13	21.19	21.45	21.19	22.50
		1	24	21.09	21.08	21.07	22.50
		12	0	21.07	21.43	21.20	22.50
		12	6	20.83	21.09	20.95	22.50
		12	13	21.17	21.11	21.15	22.50
		25	0	21.15	21.20	21.30	22.50
	16QAM	1	0	21.17	21.27	21.18	22.50
		1	13	21.19	21.08	21.19	22.50
		1	24	21.02	21.16	21.20	22.50
		12	0	21.03	21.23	21.07	22.50
		12	6	21.19	21.21	21.23	22.50
		12	13	21.14	21.36	21.08	22.50
		25	0	21.15	21.34	21.06	22.50
	64QAM	1	0	21.19	21.14	21.10	22.50
		1	13	21.03	21.12	21.09	22.50
		1	24	21.05	21.24	21.01	22.50
		12	0	22.00	21.91	21.90	22.50
		12	6	21.85	21.82	21.81	22.50
		12	13	22.08	21.97	22.03	22.50
		25	0	21.97	22.06	22.04	22.50
	256QAM	1	0	19.63	19.69	19.70	20.50
		1	13	19.81	19.81	19.80	20.50
		1	24	19.64	19.63	19.76	20.50
		12	0	19.60	19.80	19.55	20.50
		12	6	19.74	19.75	19.69	20.50
		12	13	19.60	19.73	19.82	20.50
		25	0	19.57	19.64	19.69	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	21.09	21.26	21.26	22.50
		1	25	21.01	21.41	21.05	22.50
		1	49	21.11	21.09	21.24	22.50
		25	0	21.21	21.32	21.17	22.50
		25	13	20.98	21.29	20.91	22.50
		25	25	21.06	21.05	21.04	22.50
	16QAM	50	0	21.30	21.26	21.15	22.50
		1	0	21.27	21.23	21.24	22.50
		1	25	21.06	21.16	21.18	22.50
		1	49	21.13	21.20	21.20	22.50
		25	0	20.97	21.10	21.06	22.50
		25	13	21.22	21.04	21.16	22.50

	64QAM	25	25	21.14	21.23	21.13	22.50	
		50	0	20.98	21.32	20.98	22.50	
		1	0	21.13	21.20	21.00	22.50	
		1	25	21.08	21.11	21.04	22.50	
		1	49	20.87	21.07	21.00	22.50	
		25	0	21.93	21.95	21.86	22.50	
		25	13	21.87	21.80	21.82	22.50	
		25	25	22.06	21.95	21.97	22.50	
	256QAM	50	0	21.97	22.00	22.10	22.50	
		1	0	19.66	19.70	19.83	20.50	
		1	25	19.73	19.79	19.78	20.50	
		1	49	19.58	19.65	19.82	20.50	
		25	0	19.55	19.76	19.58	20.50	
		25	13	19.81	19.84	19.74	20.50	
<b>15MHz</b>	QPSK	25	25	19.63	19.67	19.78	20.50	
		50	0	19.61	19.71	19.60	20.50	
		1	0	21.20	21.37	21.25	22.50	
		1	38	21.16	21.42	21.15	22.50	
		1	74	21.05	21.14	21.03	22.50	
		36	0	21.24	21.49	21.25	22.50	
		36	18	20.91	21.27	21.01	22.50	
	16QAM	36	39	21.10	21.16	21.13	22.50	
		75	0	21.26	21.14	21.27	22.50	
		1	0	21.05	21.13	21.14	22.50	
		1	38	21.17	21.17	21.06	22.50	
		1	74	21.06	21.23	21.02	22.50	
		36	0	21.10	21.23	20.90	22.50	
		36	18	21.07	21.21	21.06	22.50	
64QAM	36	39	21.05	21.38	21.05	22.50		
	75	0	21.11	21.43	21.15	22.50		
	1	0	21.07	21.19	21.19	22.50		
	1	38	21.17	21.11	21.20	22.50		
	1	74	20.85	21.10	21.00	22.50		
	36	0	21.93	21.88	21.83	22.50		
	36	18	21.88	21.83	21.81	22.50		
256QAM	36	39	22.02	21.96	22.05	22.50		
	75	0	22.02	22.04	22.09	22.50		
	1	0	19.67	19.70	19.84	20.50		
	1	38	19.74	19.77	19.75	20.50		
	1	74	19.67	19.73	19.81	20.50		
	36	0	19.52	19.68	19.65	20.50		
	36	18	19.78	19.72	19.66	20.50		
<b>20MHz</b>	QPSK	36	39	19.69	19.76	19.77	20.50	
		75	0	19.57	19.75	19.65	20.50	
		1	0	21.02	21.54	21.19	22.50	
			1	50	21.07	21.27	21.08	22.50
			1	99	21.22	20.92	21.18	22.50
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	

		50	0	21.09	21.37	21.07	22.50
		50	25	20.88	21.25	20.95	22.50
		50	50	21.12	21.28	21.15	22.50
		100	0	21.25	21.22	21.30	22.50
	16QAM	1	0	21.26	21.25	21.23	22.50
		1	50	21.22	21.23	21.15	22.50
		1	99	21.04	21.36	21.09	22.50
		50	0	20.94	21.10	20.88	22.50
		50	25	21.24	21.01	21.25	22.50
		50	50	21.28	21.38	21.28	22.50
		100	0	21.16	21.36	21.02	22.50
		64QAM	1	0	21.20	21.06	21.18
	1		50	21.11	21.24	21.14	22.50
	1		99	21.03	21.09	20.85	22.50
	50		0	21.99	21.87	21.87	22.50
	50		25	21.87	21.86	21.78	22.50
	50		50	22.01	22.01	22.06	22.50
	100		0	21.98	22.03	22.10	22.50
	256QAM	1	0	19.61	19.66	19.78	20.50
		1	50	19.78	19.74	19.74	20.50
		1	99	19.56	19.73	19.85	20.50
		50	0	19.54	19.80	19.67	20.50
		50	25	19.74	19.73	19.71	20.50
		50	50	19.66	19.65	19.86	20.50
		100	0	19.62	19.78	19.58	20.50

LTE Band 41 ENDC 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	21.23	21.12	21.28	21.10	21.25	22.50
		1	13	21.03	21.09	21.44	21.17	21.07	22.50
		1	24	21.11	21.09	21.00	21.14	21.03	22.50
		12	0	21.15	21.08	21.42	21.13	21.19	22.50
		12	6	20.99	20.89	21.25	20.85	20.91	22.50
		12	13	21.05	20.98	21.13	20.98	21.17	22.50
		25	0	21.33	21.26	21.25	21.21	21.28	22.50
	16QAM	1	0	21.12	21.13	21.11	21.14	21.23	22.50
		1	13	21.04	21.14	21.24	21.14	21.16	22.50
		1	24	21.09	21.02	21.24	21.08	21.19	22.50
		12	0	21.11	21.02	21.18	21.07	20.99	22.50
		12	6	21.19	21.21	21.09	21.06	21.18	22.50
		12	13	21.06	21.09	21.27	21.18	21.08	22.50
		25	0	21.11	21.15	21.47	20.95	21.06	22.50
	64QAM	1	0	21.19	21.22	21.08	21.14	21.20	22.50
		1	13	21.08	21.17	21.31	21.07	21.16	22.50
		1	24	20.92	20.94	21.25	21.06	20.93	22.50
		12	0	22.02	21.95	21.97	21.94	21.98	22.50

	256QAM	12	6	21.87	21.86	21.91	21.82	21.81	22.50
		12	13	22.06	22.01	22.03	21.92	21.94	22.50
		25	0	22.02	22.09	22.03	22.04	22.09	22.50
		1	0	19.63	19.55	19.68	19.71	19.73	20.50
		1	13	19.72	19.74	19.78	19.78	19.79	20.50
		1	24	19.64	19.67	19.61	19.86	19.69	20.50
		12	0	19.81	19.48	19.70	19.65	19.74	20.50
		12	6	19.83	19.76	19.75	19.71	19.86	20.50
		12	13	19.65	19.71	19.68	19.77	19.64	20.50
		25	0	19.70	19.58	19.73	19.61	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.05	21.10	21.29	21.02	21.04	22.50
		1	25	21.12	21.14	21.25	21.03	21.02	22.50
		1	49	21.15	21.15	21.09	21.12	21.18	22.50
		25	0	21.07	21.08	21.31	21.10	21.03	22.50
		25	13	20.85	20.92	21.17	20.99	20.78	22.50
		25	25	21.01	21.16	21.23	21.08	21.20	22.50
		50	0	21.21	21.33	21.22	21.18	21.27	22.50
	16QAM	1	0	21.21	21.10	21.28	21.20	21.13	22.50
		1	25	21.19	21.23	21.20	21.18	21.25	22.50
		1	49	21.23	21.17	21.36	21.17	21.02	22.50
		25	0	21.05	20.98	21.20	21.08	21.01	22.50
		25	13	21.22	21.11	21.04	21.23	21.25	22.50
		25	25	21.18	21.23	21.40	21.23	21.07	22.50
		50	0	21.10	20.99	21.26	20.96	20.98	22.50
	64QAM	1	0	21.20	21.08	21.13	21.12	21.16	22.50
		1	25	21.17	21.13	21.23	21.07	21.01	22.50
		1	49	20.93	21.01	21.07	20.90	20.95	22.50
		25	0	22.00	22.00	21.98	21.92	21.95	22.50
		25	13	21.86	21.86	21.91	21.82	21.83	22.50
		25	25	22.07	21.94	22.03	22.00	21.93	22.50
		50	0	22.00	22.00	21.97	22.02	22.02	22.50
	256QAM	1	0	19.62	19.58	19.62	19.75	19.72	20.50
		1	25	19.81	19.71	19.77	19.85	19.71	20.50
		1	49	19.62	19.58	19.69	19.85	19.71	20.50
		25	0	19.77	19.53	19.79	19.63	19.77	20.50
		25	13	19.79	19.78	19.80	19.70	19.77	20.50
		25	25	19.64	19.64	19.68	19.74	19.76	20.50
		50	0	19.70	19.61	19.66	19.59	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.22	21.05	21.27	21.14	21.18	22.50
		1	38	21.24	21.23	21.26	21.04	21.06	22.50
		1	74	21.04	21.10	21.00	21.18	21.07	22.50
		36	0	21.08	21.11	21.32	21.02	21.08	22.50
		36	18	20.97	20.98	21.19	20.94	20.84	22.50
		36	39	21.08	21.12	21.21	21.15	21.13	22.50
		75	0	21.16	21.27	21.17	21.24	21.31	22.50
	16QAM	1	0	21.07	21.21	21.27	21.16	21.08	22.50
1		38	21.25	21.13	21.21	21.15	21.06	22.50	

		1	74	21.16	21.04	21.19	21.09	21.14	22.50
		36	0	20.87	20.89	21.06	21.06	20.91	22.50
		36	18	21.19	21.07	21.11	21.25	21.17	22.50
		36	39	21.26	21.26	21.46	21.04	21.24	22.50
		75	0	20.94	21.15	21.33	20.99	21.03	22.50
	64QAM	1	0	21.21	21.16	21.04	21.10	21.09	22.50
		1	38	21.05	21.01	21.33	21.04	21.06	22.50
		1	74	20.84	21.08	21.14	21.07	20.84	22.50
		36	0	22.00	21.94	21.94	21.96	21.92	22.50
		36	18	21.91	21.84	21.85	21.79	21.84	22.50
	256QAM	36	39	22.10	22.01	22.07	21.96	22.00	22.50
		75	0	21.96	22.00	21.98	22.00	22.05	22.50
		1	0	19.69	19.55	19.61	19.73	19.65	20.50
		1	38	19.83	19.77	19.79	19.86	19.70	20.50
		1	74	19.62	19.59	19.70	19.74	19.70	20.50
		36	0	19.71	19.56	19.71	19.56	19.80	20.50
		36	18	19.75	19.77	19.73	19.64	19.83	20.50
		36	39	19.63	19.73	19.71	19.72	19.76	20.50
		75	0	19.65	19.59	19.67	19.56	19.67	20.50
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	21.10	21.14	21.55	21.20	21.20	22.50
		1	50	21.24	21.05	21.39	21.11	21.06	22.50
		1	99	21.13	21.09	21.00	21.21	21.11	22.50
		50	0	21.15	21.10	21.45	21.13	21.03	22.50
		50	25	20.94	20.97	21.32	20.95	20.85	22.50
		50	50	21.10	21.02	21.11	21.11	21.13	22.50
		100	0	21.34	21.12	21.24	21.31	21.23	22.50
	16QAM	1	0	21.16	21.12	21.05	21.08	21.11	22.50
		1	50	21.07	21.23	21.12	21.05	21.23	22.50
		1	99	21.01	21.18	21.28	21.02	21.06	22.50
		50	0	21.10	21.08	21.11	20.99	21.03	22.50
		50	25	21.06	21.16	21.24	21.15	21.16	22.50
		50	50	21.12	21.20	21.41	21.20	21.19	22.50
		100	0	21.08	21.14	21.32	20.97	21.02	22.50
	64QAM	1	0	21.04	21.11	21.20	21.06	21.24	22.50
		1	50	21.15	21.09	21.32	20.98	21.02	22.50
		1	99	20.89	20.90	21.20	20.84	21.01	22.50
		50	0	21.96	21.96	22.02	22.00	21.98	22.50
		50	25	21.91	21.78	21.86	21.83	21.84	22.50
		50	50	22.07	21.96	22.06	21.97	22.00	22.50
		100	0	21.99	22.01	22.00	22.06	22.04	22.50
	256QAM	1	0	19.70	19.57	19.69	19.77	19.74	20.50
		1	50	19.82	19.71	19.76	19.74	19.73	20.50
		1	99	19.74	19.55	19.73	19.84	19.71	20.50
		50	0	19.75	19.52	19.79	19.58	19.73	20.50
		50	25	19.81	19.83	19.83	19.69	19.75	20.50
		50	50	19.69	19.71	19.69	19.73	19.65	20.50
100		0	19.72	19.70	19.71	19.64	19.67	20.50	

## 6 Conducted Power of ENDC\_LTE Antenna(Ant1)

### 6.1 Conducted Power of LTE

LTE Band 5 ENDC Receiver on & Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.92	20.15	20.35	21.00
		1	2	19.96	19.99	20.38	21.00
		1	5	19.95	20.04	20.03	21.00
		3	0	20.02	20.06	20.32	21.00
		3	2	19.82	19.68	20.12	21.00
		3	3	20.01	19.94	20.00	21.00
	16QAM	6	0	20.22	20.09	20.10	21.00
		1	0	20.17	20.17	20.09	21.00
		1	2	20.07	19.95	20.03	21.00
		1	5	20.01	20.09	20.20	21.00
		3	0	19.83	19.99	20.04	21.00
		3	2	20.07	20.15	20.06	21.00
	64QAM	3	3	20.13	20.12	20.17	21.00
		6	0	19.94	19.93	20.21	21.00
		1	0	20.00	20.11	20.11	21.00
		1	2	19.91	20.02	20.13	21.00
		1	5	19.84	19.78	20.00	21.00
		3	0	19.94	20.04	20.15	21.00
	256QAM	3	2	19.98	20.12	20.09	21.00
		3	3	19.99	20.02	20.20	21.00
		6	0	19.80	19.77	20.05	21.00
		1	0	19.63	19.75	19.78	20.50
		1	2	19.83	19.88	19.82	20.50
		1	5	19.73	19.73	19.86	20.50
3MHz	QPSK	3	0	19.66	19.85	19.61	20.50
		3	2	19.80	19.85	19.67	20.50
		3	3	19.68	19.76	19.88	20.50
		6	0	19.66	19.60	19.66	20.50
		1	0	20.06	19.94	20.29	21.00
		1	7	20.13	20.03	20.31	21.00
	16QAM	1	14	20.10	19.96	19.89	21.00
		8	0	19.96	20.00	20.30	21.00
		8	4	19.84	19.78	20.15	21.00
		8	7	19.88	19.95	20.18	21.00
		15	0	20.03	20.15	20.03	21.00
		1	0	20.13	20.01	20.06	21.00
	64QAM	1	7	20.02	20.07	20.13	21.00
		1	14	20.09	20.01	20.05	21.00
		8	0	19.83	20.00	19.98	21.00
		8	4	20.02	20.13	20.05	21.00
		8	7	20.18	20.14	20.30	21.00
		15	0	19.99	20.06	20.15	21.00
	16QAM	1	0	20.06	20.10	20.04	21.00
		1	7	20.08	19.96	20.05	21.00
		1	14	19.81	19.92	20.02	21.00
		8	0	19.99	20.01	20.22	21.00
		8	4	20.00	20.08	19.98	21.00
		8	7	19.81	19.92	20.02	21.00



	256QAM	8	7	20.01	20.10	19.99	21.00
		15	0	19.85	19.95	20.13	21.00
		1	0	19.72	19.67	19.69	20.50
		1	7	19.79	19.82	19.86	20.50
		1	14	19.73	19.61	19.84	20.50
		8	0	19.69	19.78	19.62	20.50
		8	4	19.72	19.76	19.64	20.50
		8	7	19.68	19.81	19.89	20.50
		15	0	19.66	19.74	19.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.13	20.08	20.19	21.00
		1	13	19.98	20.13	20.34	21.00
		1	24	20.02	19.95	20.01	21.00
		12	0	19.99	19.93	20.39	21.00
		12	6	19.88	19.70	20.06	21.00
		12	13	20.00	20.00	20.11	21.00
		25	0	20.12	20.07	20.02	21.00
	16QAM	1	0	20.17	20.01	19.97	21.00
		1	13	19.98	20.06	20.20	21.00
		1	24	20.13	19.91	20.10	21.00
		12	0	19.95	19.85	19.96	21.00
		12	6	19.95	20.15	20.01	21.00
		12	13	20.15	20.14	20.33	21.00
		25	0	19.93	20.01	20.16	21.00
	64QAM	1	0	20.12	20.08	19.97	21.00
		1	13	19.91	20.02	20.19	21.00
		1	24	19.96	19.78	20.13	21.00
		12	0	20.05	19.86	20.22	21.00
		12	6	20.10	19.94	19.97	21.00
		12	13	19.92	20.02	20.08	21.00
		25	0	19.95	19.74	20.01	21.00
	256QAM	1	0	19.70	19.73	19.77	20.50
		1	13	19.82	19.83	19.90	20.50
		1	24	19.68	19.59	19.78	20.50
		12	0	19.68	19.78	19.57	20.50
		12	6	19.70	19.71	19.77	20.50
		12	13	19.64	19.78	19.88	20.50
		25	0	19.64	19.66	19.68	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.03	20.41	20.23	21.00
		1	25	19.94	20.15	20.33	21.00
		1	49	20.10	20.03	19.99	21.00
		25	0	20.07	20.04	20.31	21.00
		25	13	19.80	19.70	20.12	21.00
		25	25	20.02	19.90	20.01	21.00
		50	0	20.03	20.03	20.18	21.00
	16QAM	1	0	20.08	19.97	20.03	21.00
		1	25	19.97	19.93	20.06	21.00
		1	49	20.02	19.91	20.20	21.00
		25	0	19.95	20.01	20.11	21.00
		25	13	19.99	19.95	19.98	21.00
		25	25	19.98	19.94	20.29	21.00
		50	0	20.05	19.86	20.33	21.00
	64QAM	1	0	20.13	19.97	19.93	21.00

		1	25	19.94	19.89	20.09	21.00
		1	49	19.80	19.80	19.96	21.00
		25	0	19.98	19.87	20.15	21.00
		25	13	20.05	20.11	19.98	21.00
		25	25	20.08	20.04	20.04	21.00
		50	0	19.93	19.90	19.92	21.00
	256QAM	1	0	19.72	19.67	19.68	20.50
		1	25	19.76	19.79	19.83	20.50
		1	49	19.66	19.72	19.76	20.50
		25	0	19.60	19.83	19.64	20.50
		25	13	19.69	19.74	19.77	20.50
		25	25	19.59	19.80	19.81	20.50
		50	0	19.56	19.64	19.70	20.50

LTE Band 5 ENDC Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	21.31	21.16	21.33	22.00
		1	2	21.14	21.31	21.44	22.00
		1	5	20.99	20.99	21.17	22.00
		3	0	21.01	21.06	21.53	22.00
		3	2	21.00	20.77	21.04	22.00
		3	3	20.95	20.98	21.29	22.00
	16QAM	6	0	21.20	21.03	21.03	22.00
		1	0	21.16	21.04	21.03	22.00
		1	2	21.06	21.09	21.21	22.00
		1	5	21.16	20.94	21.10	22.00
		3	0	21.09	20.87	21.06	22.00
		3	2	20.99	21.19	21.12	22.00
	64QAM	3	3	21.11	21.20	21.34	22.00
		6	0	21.07	21.10	21.21	22.00
		1	0	21.12	21.19	21.02	22.00
		1	2	21.00	21.18	21.29	22.00
		1	5	20.92	20.95	21.09	22.00
		3	0	21.05	21.03	21.39	22.00
	256QAM	3	2	21.08	20.91	21.12	22.00
		3	3	21.11	21.01	21.11	22.00
		6	0	20.96	20.84	21.11	22.00
		1	0	19.63	19.75	19.78	20.50
		1	2	19.83	19.88	19.82	20.50
		1	5	19.73	19.73	19.86	20.50
3MHz	QPSK	3	0	19.66	19.85	19.61	20.50
		3	2	19.80	19.85	19.67	20.50
		3	3	19.68	19.76	19.88	20.50
		6	0	19.66	19.60	19.66	20.50
		1	0	21.22	21.38	21.33	22.00
		1	7	21.16	21.16	21.40	22.00
	1	14	21.13	20.94	21.09	22.00	
16QAM	8	0	21.05	20.94	21.57	22.00	
	8	4	20.91	20.73	21.13	22.00	
	8	7	21.03	21.07	21.26	22.00	
	15	0	21.20	21.14	21.14	22.00	
	1	0	21.28	21.12	21.14	22.00	

		1	7	20.97	21.23	21.18	22.00	
		1	14	21.12	21.03	21.12	22.00	
		8	0	21.13	20.97	21.15	22.00	
		8	4	21.09	21.13	21.11	22.00	
		8	7	21.13	21.11	21.49	22.00	
		15	0	20.98	21.09	21.23	22.00	
		1	0	21.12	21.14	21.05	22.00	
		1	7	20.97	21.05	21.25	22.00	
		1	14	21.04	20.83	21.23	22.00	
		8	0	21.04	21.00	21.33	22.00	
	8	4	21.15	20.92	21.00	22.00		
	8	7	20.93	20.98	21.04	22.00		
	15	0	21.02	20.88	20.99	22.00		
	1	0	19.72	19.67	19.69	20.50		
	1	7	19.79	19.82	19.86	20.50		
	1	14	19.73	19.61	19.84	20.50		
	8	0	19.69	19.78	19.62	20.50		
	8	4	19.72	19.76	19.64	20.50		
8	7	19.68	19.81	19.89	20.50			
15	0	19.66	19.74	19.77	20.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	1	0	21.27	21.38	21.33	22.00	
		1	13	21.16	21.30	21.46	22.00	
		1	24	21.14	20.91	21.14	22.00	
		12	0	21.18	21.03	21.43	22.00	
		12	6	21.00	20.69	21.14	22.00	
		12	13	21.11	21.12	21.15	22.00	
	25	0	21.30	21.25	21.18	22.00		
	16QAM	1	0	21.24	21.06	20.93	22.00	
		1	13	21.05	21.09	21.35	22.00	
		1	24	21.30	20.89	21.12	22.00	
		12	0	20.98	20.81	21.10	22.00	
		12	6	20.95	21.14	21.10	22.00	
		12	13	21.24	21.09	21.47	22.00	
	25	0	21.08	21.06	21.13	22.00		
	64QAM	1	0	21.14	21.10	20.97	22.00	
		1	13	21.08	21.00	21.27	22.00	
		1	24	21.06	20.76	21.29	22.00	
		12	0	21.00	21.04	21.28	22.00	
		12	6	21.07	21.11	21.04	22.00	
		12	13	21.07	20.98	21.21	22.00	
	25	0	21.05	20.70	21.13	22.00		
	256QAM	1	0	19.70	19.73	19.77	20.50	
		1	13	19.82	19.83	19.90	20.50	
		1	24	19.68	19.59	19.78	20.50	
		12	0	19.68	19.78	19.57	20.50	
		12	6	19.70	19.71	19.77	20.50	
		12	13	19.64	19.78	19.88	20.50	
	25	0	19.64	19.66	19.68	20.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20450	20525	20600	
10MHz	QPSK	1	0	21.12	21.59	21.26	22.00	
		1	25	21.10	21.26	21.41	22.00	
		1	49	21.17	21.04	21.08	22.00	
		25	0	21.12	21.10	21.47	22.00	

		25	13	21.06	20.89	21.16	22.00
		25	25	21.02	21.03	21.10	22.00
		50	0	21.15	21.18	21.16	22.00
	16QAM	1	0	21.14	20.99	20.95	22.00
		1	25	21.16	21.07	21.22	22.00
		1	49	21.12	20.89	21.14	22.00
		25	0	20.99	21.00	21.14	22.00
		25	13	21.02	21.33	21.14	22.00
		25	25	21.33	21.29	21.49	22.00
		50	0	20.94	21.03	21.16	22.00
	64QAM	1	0	21.22	21.17	21.06	22.00
		1	25	21.07	21.14	21.15	22.00
		1	49	21.14	20.95	21.18	22.00
		25	0	21.01	21.00	21.23	22.00
		25	13	21.18	20.90	21.11	22.00
		25	25	20.98	20.98	21.05	22.00
		50	0	21.01	20.71	21.11	22.00
	256QAM	1	0	19.72	19.67	19.68	20.50
		1	25	19.76	19.79	19.83	20.50
		1	49	19.66	19.72	19.76	20.50
		25	0	19.60	19.83	19.64	20.50
		25	13	19.69	19.74	19.77	20.50
		25	25	19.59	19.80	19.81	20.50
		50	0	19.56	19.64	19.70	20.50

LTE Band 7 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.89	23.97	23.74	25.50
		1	13	23.87	23.76	23.86	25.50
		1	24	23.89	23.81	23.69	25.50
		12	0	22.87	22.98	22.90	24.50
		12	6	22.96	22.82	22.98	24.50
		12	13	22.95	22.92	22.91	24.50
	16QAM	25	0	22.86	23.02	22.91	24.50
		1	0	22.93	22.82	23.05	24.50
		1	13	22.76	22.98	22.70	24.50
		1	24	22.87	22.96	22.93	24.50
		12	0	21.92	22.08	21.85	23.50
		12	6	21.86	21.87	21.87	23.50
	64QAM	12	13	21.93	21.89	22.01	23.50
		25	0	21.93	21.85	21.94	23.50
		1	0	21.90	21.86	21.90	23.50
		1	13	21.64	21.61	21.74	23.50
		1	24	21.82	21.71	21.94	23.50
		12	0	21.22	21.14	21.06	22.50
	256QAM	12	6	21.05	21.04	20.95	22.50
		12	13	21.28	21.18	21.21	22.50
		25	0	21.21	21.23	21.27	22.50
		1	0	19.15	19.25	19.17	20.50
		1	13	19.22	19.27	19.18	20.50
		1	24	19.23	19.37	19.44	20.50
		12	0	19.32	19.12	19.17	20.50
		12	6	19.28	19.23	19.04	20.50

Bandwidth	Modulation	12	13	19.17	19.28	19.42	20.50	
		25	0	19.37	19.10	19.18	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	23.84	23.98	23.74	25.50	
		1	25	23.94	23.79	23.84	25.50	
		1	49	23.83	23.86	23.67	25.50	
		25	0	22.86	23.03	22.96	24.50	
		25	13	22.96	22.88	22.99	24.50	
		25	25	22.97	22.94	22.86	24.50	
	16QAM	50	0	22.88	23.06	22.90	24.50	
		1	0	22.95	22.80	23.05	24.50	
		1	25	22.78	23.04	22.74	24.50	
		1	49	22.85	22.95	22.94	24.50	
		25	0	21.90	22.08	21.87	23.50	
		25	13	21.90	21.90	21.96	23.50	
	64QAM	25	25	21.93	21.89	22.04	23.50	
		50	0	21.95	21.79	21.89	23.50	
		1	0	21.88	21.88	21.93	23.50	
		1	25	21.64	21.65	21.71	23.50	
		1	49	21.77	21.70	21.90	23.50	
		25	0	21.22	21.16	21.10	22.50	
	256QAM	25	13	21.04	21.03	20.97	22.50	
		25	25	21.31	21.20	21.19	22.50	
		50	0	21.20	21.17	21.29	22.50	
		1	0	19.17	19.36	19.18	20.50	
		1	25	19.35	19.31	19.15	20.50	
		1	49	19.24	19.34	19.51	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
	15MHz	QPSK	1	0	23.83	24.02	23.76	25.50
			1	38	23.89	23.79	23.86	25.50
			1	74	23.91	23.80	23.70	25.50
			36	0	22.80	23.02	22.90	24.50
36			18	22.97	22.83	22.95	24.50	
36			39	22.92	22.96	22.94	24.50	
16QAM		75	0	22.88	22.97	22.96	24.50	
		1	0	22.98	22.82	22.98	24.50	
		1	38	22.77	23.01	22.78	24.50	
		1	74	22.91	22.95	22.90	24.50	
		36	0	21.94	22.09	21.92	23.50	
		36	18	21.89	21.92	21.90	23.50	
64QAM		36	39	21.96	21.94	22.02	23.50	
		75	0	21.88	21.76	21.94	23.50	
		1	0	21.86	21.88	21.92	23.50	
		1	38	21.64	21.66	21.78	23.50	
		1	74	21.77	21.68	21.95	23.50	
		36	0	21.16	21.12	21.06	22.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20825	21100	21375	
					21.04	21.04	20.96	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					21.26	21.17	21.26	
					21.24	21.19	21.28	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	256QAM	1	0	19.22	19.37	19.04	20.50	
		1	38	19.24	19.27	19.25	20.50	
		1	74	19.14	19.47	19.46	20.50	
		36	0	19.29	19.11	19.26	20.50	
		36	18	19.24	19.25	19.13	20.50	
		36	39	19.23	19.35	19.54	20.50	
		75	0	19.26	19.13	19.17	20.50	
	QPSK	1	0	23.88	24.04	23.78	25.50	
		1	50	23.90	23.83	23.79	25.50	
		1	99	23.88	23.80	23.76	25.50	
		50	0	22.81	23.06	22.87	24.50	
		50	25	22.97	22.82	23.00	24.50	
		50	50	22.96	22.93	22.91	24.50	
		100	0	22.91	22.99	22.92	24.50	
		16QAM	1	0	22.92	22.85	22.99	24.50
			1	50	22.77	22.99	22.75	24.50
			1	99	22.87	22.99	22.95	24.50
			50	0	21.89	22.07	21.88	23.50
			50	25	21.89	21.90	21.93	23.50
			50	50	21.94	21.97	22.03	23.50
		64QAM	100	0	21.93	21.85	21.92	23.50
			1	0	21.88	21.86	21.92	23.50
			1	50	21.71	21.59	21.74	23.50
			1	99	21.81	21.72	21.96	23.50
			50	0	21.20	21.11	21.02	22.50
			50	25	21.04	21.03	20.96	22.50
		256QAM	50	50	21.27	21.20	21.24	22.50
			100	0	21.26	21.24	21.27	22.50
1	0		19.18	19.33	19.09	20.50		
1	50		19.32	19.28	19.20	20.50		
1	99		19.24	19.37	19.42	20.50		
50	0		19.39	19.13	19.29	20.50		
QPSK	50	25	19.29	19.20	19.14	20.50		
	50	50	19.19	19.26	19.54	20.50		
	100	0	19.31	19.22	19.12	20.50		

LTE Band 7 ENDC 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	16.37	16.58	16.54	17.00
		1	13	16.34	16.47	16.63	17.00
		1	24	16.32	16.32	16.20	17.00
		12	0	16.29	16.29	16.61	17.00
		12	6	16.08	16.02	16.28	17.00
		12	13	16.26	16.17	16.48	17.00
		25	0	16.29	16.46	16.30	17.00
	16QAM	1	0	16.38	16.30	16.27	17.00
		1	13	16.22	16.27	16.51	17.00
		1	24	16.44	16.24	16.41	17.00
		12	0	16.13	16.06	16.11	17.00
		12	6	16.32	16.38	16.25	17.00

	64QAM	12	13	16.48	16.38	16.52	17.00
		25	0	16.11	16.40	16.53	17.00
		1	0	16.49	16.44	16.30	17.00
		1	13	16.06	16.32	16.42	17.00
		1	24	16.15	15.96	16.51	17.00
		12	0	16.39	16.19	16.55	17.00
		12	6	16.38	16.20	16.19	17.00
		12	13	16.20	16.25	16.35	17.00
	25	0	16.34	16.01	16.25	17.00	
	256QAM	1	0	15.47	15.58	15.41	17.00
		1	13	15.67	15.51	15.38	17.00
		1	24	15.41	15.68	15.80	17.00
		12	0	15.71	15.42	15.60	17.00
		12	6	15.53	15.50	15.44	17.00
12		13	15.49	15.63	15.86	17.00	
25	0	15.58	15.44	15.48	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.41	16.47	16.57	17.00
		1	25	16.35	16.52	16.69	17.00
		1	49	16.30	16.25	16.25	17.00
		25	0	16.16	16.26	16.44	17.00
		25	13	16.17	16.01	16.39	17.00
		25	25	16.17	16.17	16.41	17.00
		50	0	16.47	16.27	16.33	17.00
	16QAM	1	0	16.44	16.24	16.17	17.00
		1	25	16.19	16.35	16.51	17.00
		1	49	16.47	16.15	16.37	17.00
		25	0	16.20	16.14	16.15	17.00
		25	13	16.27	16.40	16.27	17.00
		25	25	16.37	16.39	16.69	17.00
	50	0	16.23	16.37	16.50	17.00	
	64QAM	1	0	16.38	16.44	16.17	17.00
		1	25	16.10	16.27	16.56	17.00
		1	49	16.31	15.98	16.46	17.00
		25	0	16.38	16.23	16.40	17.00
		25	13	16.42	16.21	16.29	17.00
		25	25	16.13	16.41	16.37	17.00
	50	0	16.19	16.01	16.29	17.00	
	256QAM	1	0	15.45	15.71	15.33	17.00
		1	25	15.68	15.46	15.53	17.00
		1	49	15.58	15.55	15.76	17.00
		25	0	15.66	15.48	15.49	17.00
		25	13	15.55	15.55	15.31	17.00
		25	25	15.50	15.61	15.90	17.00
	50	0	15.61	15.51	15.41	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	16.38	16.49	16.42	17.00
		1	38	16.21	16.43	16.57	17.00
		1	74	16.20	16.23	16.32	17.00
		36	0	16.32	16.22	16.45	17.00
		36	18	16.22	15.97	16.39	17.00
		36	39	16.24	16.15	16.42	17.00
		75	0	16.31	16.24	16.40	17.00
	16QAM	1	0	16.35	16.30	16.24	17.00
				20825	21100	21375	

		1	38	16.35	16.34	16.41	17.00					
		1	74	16.30	16.23	16.28	17.00					
		36	0	16.15	16.14	16.26	17.00					
		36	18	16.33	16.47	16.37	17.00					
		36	39	16.37	16.31	16.58	17.00					
		75	0	16.21	16.25	16.39	17.00					
	64QAM	1	0	16.29	16.45	16.16	17.00					
		1	38	16.15	16.33	16.49	17.00					
		1	74	16.16	15.98	16.47	17.00					
		36	0	16.37	16.04	16.56	17.00					
		36	18	16.44	16.21	16.16	17.00					
		36	39	16.13	16.18	16.36	17.00					
	256QAM	75	0	16.34	16.08	16.37	17.00					
		1	0	15.50	15.51	15.25	17.00					
		1	38	15.52	15.61	15.55	17.00					
		1	74	15.50	15.65	15.77	17.00					
		36	0	15.76	15.39	15.56	17.00					
		36	18	15.50	15.36	15.43	17.00					
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>					
				20850	21100	21350						
				<b>20MHz</b>	QPSK	1		0	16.29	16.72	16.49	17.00
						1		50	16.24	16.34	16.56	17.00
						1		99	16.23	16.30	16.25	17.00
						50		0	16.36	16.09	16.55	17.00
						50		25	16.23	15.97	16.24	17.00
						50		50	16.19	16.16	16.47	17.00
					16QAM	100		0	16.49	16.38	16.39	17.00
						1		0	16.44	16.21	16.21	17.00
						1		50	16.34	16.34	16.55	17.00
						1		99	16.37	16.27	16.39	17.00
						50		0	16.29	16.05	16.25	17.00
						50		25	16.23	16.33	16.32	17.00
					64QAM	50		50	16.42	16.49	16.51	17.00
						100		0	16.28	16.16	16.42	17.00
						1		0	16.38	16.37	16.17	17.00
						1		50	16.20	16.33	16.47	17.00
1	99	16.24	16.15			16.35	17.00					
50	0	16.22	16.07			16.46	17.00					
256QAM	50	25	16.30	16.33	16.18	17.00						
	50	50	16.22	16.22	16.41	17.00						
	100	0	16.18	15.93	16.18	17.00						
	1	0	15.35	15.69	15.37	17.00						
	1	50	15.65	15.58	15.40	17.00						
	1	99	15.44	15.75	15.63	17.00						
<b>5MHz</b>	QPSK	1	0	18.95	19.16	19.02	19.50					

LTE Band 7 ENDC Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
<b>5MHz</b>	QPSK	1	0	18.95	19.16	19.02	19.50



		1	13	19.03	19.00	19.11	19.50
		1	24	18.78	18.98	18.82	19.50
		12	0	18.88	18.98	19.10	19.50
		12	6	18.54	18.67	18.74	19.50
		12	13	18.88	18.82	19.13	19.50
		25	0	18.75	19.07	18.93	19.50
	16QAM	1	0	18.93	18.82	18.74	19.50
		1	13	18.83	18.90	19.14	19.50
		1	24	19.00	18.70	18.94	19.50
		12	0	18.81	18.72	18.71	19.50
		12	6	18.82	19.04	18.88	19.50
		12	13	19.01	18.93	19.08	19.50
	64QAM	25	0	18.67	18.96	19.09	19.50
		1	0	19.13	18.97	18.76	19.50
		1	13	18.60	18.79	18.97	19.50
		1	24	18.72	18.56	19.07	19.50
		12	0	18.96	18.65	19.23	19.50
		12	6	18.99	18.69	18.67	19.50
	256QAM	12	13	18.87	18.76	18.96	19.50
		25	0	18.95	18.50	18.92	19.50
		1	0	17.98	18.24	17.97	19.50
		1	13	18.12	18.08	17.85	19.50
		1	24	18.06	18.14	18.46	19.50
		12	0	18.37	17.97	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.99	19.10	19.09	19.50
		1	25	18.93	19.03	19.17	19.50
		1	49	18.98	18.93	18.76	19.50
		25	0	18.79	18.77	19.14	19.50
		25	13	18.64	18.55	18.84	19.50
		25	25	18.80	18.74	19.04	19.50
	16QAM	50	0	18.84	19.02	18.91	19.50
		1	0	18.97	18.97	18.94	19.50
		1	25	18.70	18.90	19.04	19.50
		1	49	18.95	18.73	19.09	19.50
		25	0	18.70	18.68	18.58	19.50
		25	13	18.92	18.85	18.84	19.50
	64QAM	25	25	19.13	18.85	19.13	19.50
		50	0	18.79	19.05	19.15	19.50
		1	0	18.97	18.93	18.98	19.50
		1	25	18.56	18.82	19.08	19.50
		1	49	18.67	18.49	19.11	19.50
		25	0	19.00	18.69	19.20	19.50
	256QAM	25	13	19.03	18.82	18.85	19.50
		25	25	18.77	18.77	19.04	19.50
		50	0	18.95	18.61	18.88	19.50
		1	0	17.99	18.26	17.95	19.50
		1	25	18.33	18.01	17.86	19.50
		1	49	18.04	18.14	18.29	19.50
		25	0	18.19	18.05	18.09	19.50
		25	13	18.15	18.04	17.90	19.50
		25	25	18.03	18.30	18.40	19.50

Bandwidth	Modulation	50	0	18.06	18.05	18.08	19.50
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	18.95	19.11	19.07	19.50
		1	38	18.87	19.07	19.15	19.50
		1	74	18.91	18.97	18.72	19.50
		36	0	18.79	18.82	19.16	19.50
		36	18	18.75	18.60	18.83	19.50
		36	39	18.83	18.78	18.93	19.50
		75	0	18.76	19.07	18.79	19.50
	16QAM	1	0	18.95	18.83	18.78	19.50
		1	38	18.88	18.81	18.98	19.50
		1	74	19.01	18.75	19.02	19.50
		36	0	18.82	18.62	18.65	19.50
		36	18	19.01	18.95	18.89	19.50
		36	39	19.02	18.86	19.06	19.50
		75	0	18.58	18.93	19.04	19.50
	64QAM	1	0	19.09	18.99	18.82	19.50
		1	38	18.61	18.81	18.90	19.50
		1	74	18.64	18.43	19.04	19.50
		36	0	18.89	18.81	19.09	19.50
		36	18	18.98	18.80	18.66	19.50
		36	39	18.67	18.92	18.86	19.50
		75	0	19.00	18.60	18.91	19.50
	256QAM	1	0	18.14	18.27	17.94	19.50
		1	38	18.15	18.15	17.91	19.50
		1	74	17.99	18.20	18.41	19.50
		36	0	18.23	18.08	18.17	19.50
		36	18	18.16	17.99	18.08	19.50
		36	39	17.99	18.21	18.42	19.50
		75	0	18.15	18.11	18.10	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.85	19.22	19.10	19.50
		1	50	18.82	18.94	19.13	19.50
		1	99	18.86	18.98	18.70	19.50
		50	0	18.95	18.91	19.20	19.50
		50	25	18.69	18.56	18.87	19.50
		50	50	18.71	18.80	19.03	19.50
		100	0	18.76	19.05	18.87	19.50
	16QAM	1	0	18.92	18.91	18.77	19.50
		1	50	18.86	18.79	19.05	19.50
		1	99	18.97	18.69	18.90	19.50
		50	0	18.72	18.53	18.72	19.50
		50	25	18.85	19.05	18.79	19.50
		50	50	19.00	18.89	19.09	19.50
		100	0	18.68	19.02	19.05	19.50
	64QAM	1	0	19.10	19.07	18.76	19.50
		1	50	18.63	18.98	19.06	19.50
		1	99	18.83	18.57	18.98	19.50
		50	0	19.01	18.74	19.03	19.50
		50	25	18.89	18.81	18.70	19.50
		50	50	18.82	18.84	18.98	19.50
		100	0	18.96	18.60	18.92	19.50
	256QAM	1	0	18.03	18.15	17.95	19.50
		1	50	18.29	17.99	17.97	19.50

		1	99	18.07	18.13	18.43	19.50
		50	0	18.29	17.98	18.19	19.50
		50	25	18.04	18.17	18.10	19.50
		50	50	17.98	18.09	18.53	19.50
		100	0	18.22	18.10	18.12	19.50

LTE Band 38 ENDC 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	18.41	18.69	18.61	19.00
		1	13	18.52	18.46	18.63	19.00
		1	24	18.28	18.31	18.23	19.00
		12	0	18.32	18.30	18.63	19.00
		12	6	18.13	18.16	18.24	19.00
		12	13	18.39	18.22	18.47	19.00
		25	0	18.27	18.48	18.39	19.00
	16QAM	1	0	18.37	18.26	18.34	19.00
		1	13	18.25	18.31	18.53	19.00
		1	24	18.52	18.23	18.38	19.00
		12	0	18.25	18.22	18.16	19.00
		12	6	18.50	18.35	18.32	19.00
		12	13	18.46	18.38	18.54	19.00
		25	0	18.24	18.53	18.53	19.00
	64QAM	1	0	18.49	18.53	18.37	19.00
		1	13	18.20	18.42	18.46	19.00
		1	24	18.20	18.02	18.53	19.00
		12	0	18.37	18.21	18.59	19.00
		12	6	18.49	18.39	18.23	19.00
		12	13	18.35	18.21	18.41	19.00
		25	0	18.30	18.02	18.21	19.00
	256QAM	1	0	17.45	17.58	17.38	19.00
		1	13	17.66	17.53	17.36	19.00
		1	24	17.40	17.63	17.90	19.00
		12	0	17.70	17.47	17.62	19.00
		12	6	17.59	17.64	17.48	19.00
		12	13	17.66	17.75	17.92	19.00
		25	0	17.55	17.50	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	18.42	18.69	18.65	19.00
		1	25	18.50	18.55	18.64	19.00
		1	49	18.38	18.43	18.33	19.00
		25	0	18.41	18.25	18.70	19.00
		25	13	18.13	18.18	18.41	19.00
		25	25	18.30	18.22	18.46	19.00
	16QAM	50	0	18.25	18.42	18.28	19.00
		1	0	18.43	18.38	18.23	19.00
		1	25	18.40	18.36	18.53	19.00
		1	49	18.45	18.23	18.37	19.00
		25	0	18.24	18.20	18.25	19.00

	64QAM	25	13	18.41	18.49	18.29	19.00
		25	25	18.66	18.37	18.66	19.00
		50	0	18.20	18.52	18.63	19.00
		1	0	18.59	18.59	18.45	19.00
		1	25	18.03	18.30	18.46	19.00
		1	49	18.34	18.07	18.48	19.00
		25	0	18.56	18.27	18.63	19.00
		25	13	18.56	18.33	18.35	19.00
		25	25	18.32	18.23	18.41	19.00
	50	0	18.50	18.18	18.42	19.00	
	256QAM	1	0	17.56	17.69	17.40	19.00
		1	25	17.81	17.68	17.37	19.00
		1	49	17.46	17.86	17.77	19.00
		25	0	17.90	17.45	17.68	19.00
		25	13	17.65	17.57	17.47	19.00
		25	25	17.55	17.62	17.99	19.00
	50	0	17.71	17.51	17.51	19.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				37825	38000	38175	
<b>15MHz</b>	QPSK	1	0	18.43	18.56	18.54	19.00
		1	38	18.43	18.59	18.69	19.00
		1	74	18.32	18.29	18.26	19.00
		36	0	18.32	18.46	18.56	19.00
		36	18	18.21	18.06	18.33	19.00
		36	39	18.41	18.35	18.47	19.00
		75	0	18.32	18.46	18.37	19.00
	16QAM	1	0	18.51	18.41	18.26	19.00
		1	38	18.32	18.33	18.49	19.00
		1	74	18.46	18.41	18.59	19.00
		36	0	18.23	18.22	18.13	19.00
		36	18	18.48	18.56	18.23	19.00
		36	39	18.43	18.40	18.47	19.00
		75	0	18.28	18.49	18.50	19.00
	64QAM	1	0	18.57	18.54	18.36	19.00
		1	38	18.25	18.28	18.41	19.00
		1	74	18.13	18.00	18.60	19.00
		36	0	18.44	18.25	18.71	19.00
		36	18	18.51	18.38	18.19	19.00
		36	39	18.15	18.28	18.31	19.00
		75	0	18.33	18.09	18.43	19.00
	256QAM	1	0	17.64	17.71	17.58	19.00
		1	38	17.79	17.67	17.36	19.00
		1	74	17.54	17.86	17.77	19.00
		36	0	17.77	17.60	17.66	19.00
		36	18	17.57	17.56	17.54	19.00
		36	39	17.64	17.64	18.01	19.00
75		0	17.61	17.40	17.49	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	18.35	18.75	18.49	19.00
		1	50	18.49	18.60	18.70	19.00

		1	99	18.48	18.27	18.20	19.00
		50	0	18.29	18.40	18.64	19.00
		50	25	18.26	18.15	18.27	19.00
		50	50	18.25	18.31	18.53	19.00
		100	0	18.36	18.59	18.47	19.00
	16QAM	1	0	18.54	18.48	18.30	19.00
		1	50	18.30	18.32	18.69	19.00
		1	99	18.59	18.32	18.39	19.00
		50	0	18.31	18.11	18.30	19.00
		50	25	18.31	18.40	18.38	19.00
		50	50	18.46	18.42	18.63	19.00
	64QAM	100	0	18.28	18.47	18.58	19.00
		1	0	18.54	18.44	18.43	19.00
		1	50	18.14	18.42	18.37	19.00
		1	99	18.32	17.99	18.66	19.00
		50	0	18.50	18.32	18.63	19.00
		50	25	18.36	18.36	18.19	19.00
		50	50	18.38	18.30	18.36	19.00
	256QAM	100	0	18.41	18.09	18.24	19.00
		1	0	17.47	17.60	17.42	19.00
		1	50	17.82	17.61	17.47	19.00
		1	99	17.53	17.71	17.91	19.00
		50	0	17.85	17.45	17.66	19.00
		50	25	17.60	17.58	17.57	19.00
		50	50	17.52	17.68	18.01	19.00
	100	0	17.68	17.53	17.50	19.00	

LTE Band 38 ENDC Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.81	21.25	21.05	22.00
		1	13	21.05	21.22	21.28	22.00
		1	24	21.11	20.86	20.79	22.00
		12	0	20.88	21.04	21.18	22.00
		12	6	20.72	20.70	20.86	22.00
		12	13	20.89	20.84	21.03	22.00
		25	0	20.95	21.26	21.14	22.00
	16QAM	1	0	20.99	21.12	20.95	22.00
		1	13	20.90	20.95	21.28	22.00
		1	24	21.14	20.93	21.06	22.00
		12	0	20.99	20.79	20.77	22.00
		12	6	20.80	21.02	20.88	22.00
		12	13	20.97	20.90	21.27	22.00
		25	0	20.80	20.99	21.27	22.00
	64QAM	1	0	21.15	20.96	21.04	22.00
		1	13	20.62	20.97	20.95	22.00
		1	24	21.01	20.63	21.17	22.00
		12	0	20.97	21.00	20.95	22.00
		12	6	20.86	20.90	20.88	22.00
		12	13	21.10	21.10	21.00	22.00
		25	0	21.07	21.18	21.15	22.00
	256QAM	1	0	19.08	19.27	19.21	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				37800	38000	38200			
10MHz	QPSK	1	13	19.38	19.35	19.31	20.00		
		1	24	19.10	19.21	19.22	20.00		
		12	0	19.07	19.27	19.04	20.00		
		12	6	19.26	19.20	19.18	20.00		
		12	13	19.06	19.25	19.28	20.00		
		25	0	19.03	19.14	19.15	20.00		
	16QAM	16QAM	1	0	20.84	21.28	21.11	22.00	
			1	25	21.13	21.24	21.17	22.00	
			1	49	21.13	20.74	20.83	22.00	
			25	0	20.84	20.92	21.19	22.00	
			25	13	20.83	20.65	20.72	22.00	
			25	25	20.88	20.82	21.15	22.00	
		16QAM	16QAM	50	0	20.85	21.17	21.14	22.00
				1	0	21.16	21.17	20.91	22.00
				1	25	20.95	20.92	21.37	22.00
				1	49	21.19	20.92	20.85	22.00
				25	0	20.81	20.70	20.75	22.00
				25	13	20.80	20.85	20.91	22.00
		64QAM	64QAM	25	25	20.96	21.03	21.11	22.00
				50	0	20.75	20.94	21.19	22.00
				1	0	21.19	20.90	20.96	22.00
				1	25	20.66	21.09	21.00	22.00
				1	49	20.91	20.67	21.18	22.00
				25	0	20.94	21.00	20.96	22.00
	256QAM	256QAM	25	13	20.89	20.89	20.91	22.00	
25			25	21.15	21.07	21.01	22.00		
50			0	21.08	21.19	21.16	22.00		
1			0	19.23	19.22	19.22	20.00		
1			25	19.40	19.36	19.32	20.00		
1			49	19.23	19.18	19.23	20.00		
15MHz	QPSK	25	0	19.20	19.30	19.13	20.00		
		25	13	19.26	19.31	19.28	20.00		
		25	25	19.19	19.22	19.41	20.00		
		50	0	19.06	19.20	19.15	20.00		
		1	0	20.90	21.26	21.01	22.00		
		1	38	21.04	21.07	21.39	22.00		
		1	74	21.08	20.82	20.76	22.00		
	16QAM	16QAM	36	0	20.88	20.98	21.28	22.00	
			36	18	20.90	20.69	20.81	22.00	
			36	39	20.76	20.98	21.00	22.00	
			75	0	20.84	21.23	21.13	22.00	
			1	0	21.00	21.09	20.88	22.00	
1			38	20.96	20.97	21.18	22.00		
1			74	21.22	20.87	21.00	22.00		
64QAM	64QAM	36	0	20.85	20.77	20.91	22.00		
		36	18	20.77	21.00	20.96	22.00		
		36	39	21.04	20.97	21.16	22.00		
		75	0	20.87	20.98	21.25	22.00		
		1	0	21.07	20.98	21.04	22.00		
64QAM	64QAM	1	38	20.70	21.03	20.89	22.00		
		1	74	20.88	20.51	21.12	22.00		
		36	0	21.01	20.93	20.99	22.00		

		36	18	20.90	20.88	20.87	22.00	
		36	39	21.14	21.10	20.99	22.00	
		75	0	21.03	21.22	21.10	22.00	
	256QAM		1	0	19.17	19.25	19.20	20.00
			1	38	19.28	19.39	19.31	20.00
			1	74	19.16	19.18	19.33	20.00
			36	0	19.09	19.34	19.11	20.00
			36	18	19.27	19.33	19.26	20.00
			36	39	19.12	19.31	19.32	20.00
		75	0	19.05	19.16	19.27	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	20.93	21.41	21.02	22.00	
		1	50	21.18	21.07	21.32	22.00	
		1	99	21.10	20.88	20.73	22.00	
		50	0	20.75	21.05	21.32	22.00	
		50	25	20.77	20.61	20.91	22.00	
		50	50	20.70	20.91	21.00	22.00	
	16QAM		100	0	20.90	21.21	21.14	22.00
			1	0	21.03	20.98	20.84	22.00
			1	50	20.90	20.90	21.18	22.00
			1	99	21.13	20.90	21.03	22.00
			50	0	20.87	20.71	20.98	22.00
			50	25	20.95	21.02	20.94	22.00
	64QAM		50	50	21.10	20.99	21.17	22.00
			100	0	20.95	21.04	21.16	22.00
			1	0	21.13	21.02	20.91	22.00
			1	50	20.70	20.98	20.86	22.00
			1	99	20.90	20.50	21.30	22.00
			50	0	20.97	20.94	20.94	22.00
	256QAM		50	25	20.89	20.90	20.88	22.00
			50	50	21.16	21.03	20.96	22.00
			100	0	21.06	21.15	21.13	22.00
			1	0	19.20	19.25	19.16	20.00
			1	50	19.40	19.40	19.26	20.00
			1	99	19.22	19.10	19.22	20.00
			50	0	19.20	19.33	19.02	20.00
			50	25	19.27	19.29	19.22	20.00
			50	50	19.17	19.18	19.29	20.00
			100	0	19.17	19.14	19.17	20.00

LTE Band 41 ENDC 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	18.63	18.49	18.70	18.69	18.67	19.00	
		1	13	18.72	18.52	18.55	18.68	18.59	19.00	
		1	24	18.17	18.29	18.34	18.15	18.32	19.00	
		12	0	18.73	18.44	18.35	18.69	18.79	19.00	
		12	6	18.29	18.21	18.10	18.36	18.31	19.00	
		12	13	18.65	18.21	18.18	18.54	18.62	19.00	
	16QAM		25	0	18.33	18.30	18.64	18.29	18.42	19.00
			1	0	18.44	18.49	18.31	18.38	18.24	19.00
			1	13	18.61	18.24	18.44	18.62	18.57	19.00

		1	24	18.57	18.42	18.29	18.53	18.57	19.00	
		12	0	18.19	18.27	18.18	18.12	18.12	19.00	
		12	6	18.41	18.30	18.54	18.42	18.27	19.00	
		12	13	18.65	18.47	18.45	18.49	18.61	19.00	
		25	0	18.56	18.07	18.54	18.71	18.65	19.00	
	64QAM	1	0	18.34	18.53	18.56	18.45	18.30	19.00	
		1	13	18.56	18.13	18.38	18.38	18.41	19.00	
		1	24	18.50	18.23	17.95	18.48	18.47	19.00	
		12	0	18.74	18.54	18.17	18.62	18.72	19.00	
		12	6	18.16	18.42	18.33	18.31	18.35	19.00	
	256QAM	12	13	18.54	18.22	18.23	18.30	18.41	19.00	
		25	0	18.42	18.48	18.12	18.38	18.25	19.00	
		1	0	17.51	17.44	17.60	17.42	17.37	19.00	
		1	13	17.48	17.67	17.63	17.39	17.37	19.00	
		1	24	17.75	17.51	17.86	17.83	17.95	19.00	
		12	0	17.72	17.80	17.42	17.60	17.68	19.00	
		12	6	17.52	17.58	17.62	17.47	17.55	19.00	
		12	13	17.87	17.58	17.80	18.00	18.00	19.00	
		25	0	17.51	17.59	17.49	17.67	17.43	19.00	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				39700	40160	40620	41080	41540		
<b>10MHz</b>	QPSK	1	0	18.56	18.55	18.68	18.57	18.52	19.00	
		1	25	18.76	18.35	18.42	18.74	18.73	19.00	
		1	49	18.34	18.31	18.41	18.32	18.38	19.00	
		25	0	18.79	18.40	18.32	18.68	18.67	19.00	
		25	13	18.32	18.07	18.06	18.30	18.41	19.00	
		25	25	18.51	18.38	18.12	18.51	18.51	19.00	
	16QAM	50	0	18.36	18.45	18.45	18.38	18.30	19.00	
		1	0	18.35	18.44	18.33	18.34	18.25	19.00	
		1	25	18.69	18.27	18.43	18.61	18.53	19.00	
		1	49	18.37	18.47	18.19	18.57	18.55	19.00	
		25	0	18.28	18.20	18.22	18.12	18.24	19.00	
		25	13	18.42	18.33	18.52	18.23	18.28	19.00	
	64QAM	25	25	18.67	18.64	18.35	18.50	18.65	19.00	
		50	0	18.66	18.11	18.53	18.60	18.55	19.00	
		1	0	18.37	18.66	18.57	18.30	18.30	19.00	
		1	25	18.46	18.13	18.29	18.60	18.51	19.00	
		1	49	18.65	18.10	18.01	18.53	18.49	19.00	
		25	0	18.74	18.45	18.27	18.53	18.69	19.00	
	256QAM	25	13	18.22	18.54	18.38	18.22	18.35	19.00	
		25	25	18.50	18.37	18.21	18.31	18.32	19.00	
		50	0	18.43	18.43	17.97	18.34	18.27	19.00	
		1	0	17.57	17.61	17.72	17.37	17.40	19.00	
		1	25	17.54	17.68	17.70	17.48	17.36	19.00	
		1	49	17.91	17.54	17.74	17.81	17.84	19.00	
		25	0	17.68	17.87	17.38	17.79	17.72	19.00	
		25	13	17.61	17.53	17.67	17.42	17.56	19.00	
		25	25	17.93	17.53	17.63	17.96	17.95	19.00	
		50	0	17.47	17.75	17.51	17.50	17.60	19.00	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
					39725	40173	40620	41068	41515	



<b>15MHz</b>	<b>QPSK</b>	1	0	18.66	18.47	18.71	18.59	18.72	19.00
		1	38	18.71	18.43	18.64	18.72	18.77	19.00
		1	74	18.21	18.50	18.37	18.36	18.32	19.00
		36	0	18.69	18.42	18.40	18.66	18.67	19.00
		36	18	18.45	18.27	17.98	18.30	18.32	19.00
		36	39	18.57	18.34	18.36	18.65	18.44	19.00
	75	0	18.30	18.38	18.42	18.26	18.27	19.00	
	<b>16QAM</b>	1	0	18.34	18.36	18.26	18.44	18.23	19.00
		1	38	18.51	18.27	18.45	18.60	18.51	19.00
		1	74	18.57	18.55	18.42	18.51	18.54	19.00
		36	0	18.14	18.18	18.20	18.20	18.23	19.00
		36	18	18.27	18.36	18.43	18.34	18.40	19.00
		36	39	18.50	18.56	18.36	18.51	18.55	19.00
	75	0	18.64	18.06	18.52	18.68	18.69	19.00	
	<b>64QAM</b>	1	0	18.41	18.52	18.53	18.33	18.49	19.00
		1	38	18.40	18.04	18.42	18.47	18.56	19.00
		1	74	18.55	18.22	18.03	18.56	18.52	19.00
		36	0	18.68	18.44	18.25	18.73	18.55	19.00
		36	18	18.37	18.38	18.35	18.29	18.30	19.00
		36	39	18.47	18.28	18.42	18.44	18.47	19.00
	75	0	18.44	18.52	18.15	18.31	18.39	19.00	
	<b>256QAM</b>	1	0	17.42	17.59	17.72	17.45	17.39	19.00
		1	38	17.47	17.84	17.58	17.56	17.55	19.00
		1	74	17.85	17.52	17.80	17.92	17.89	19.00
		36	0	17.64	17.70	17.46	17.71	17.77	19.00
		36	18	17.48	17.54	17.62	17.41	17.58	19.00
		36	39	17.85	17.54	17.65	18.02	17.83	19.00
	75	0	17.52	17.67	17.42	17.46	17.60	19.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 39750	<b>Channel</b> 40185	<b>Channel</b> 40620	<b>Channel</b> 41055	<b>Channel</b> 41490	<b>Tune up</b>
<b>20MHz</b>	<b>QPSK</b>	1	0	18.69	18.34	18.82	18.68	18.58	19.00
		1	50	18.64	18.45	18.61	18.72	18.62	19.00
		1	99	18.31	18.45	18.29	18.30	18.32	19.00
		50	0	18.68	18.28	18.33	18.68	18.74	19.00
		50	25	18.43	18.08	18.14	18.44	18.23	19.00
		50	50	18.67	18.40	18.19	18.59	18.46	19.00
		100	0	18.30	18.44	18.62	18.48	18.29	19.00
	<b>16QAM</b>	1	0	18.39	18.36	18.30	18.30	18.40	19.00
		1	50	18.59	18.26	18.28	18.52	18.50	19.00
		1	99	18.49	18.51	18.22	18.54	18.40	19.00
		50	0	18.11	18.31	18.19	18.10	18.08	19.00
		50	25	18.23	18.36	18.40	18.23	18.33	19.00
		50	50	18.61	18.45	18.56	18.67	18.59	19.00
		100	0	18.50	18.28	18.48	18.55	18.50	19.00
	<b>64QAM</b>	1	0	18.31	18.46	18.50	18.41	18.45	19.00
		1	50	18.49	18.03	18.40	18.61	18.58	19.00
		1	99	18.67	18.31	18.07	18.64	18.65	19.00
		50	0	18.55	18.48	18.24	18.53	18.59	19.00
		50	25	18.14	18.55	18.16	18.37	18.23	19.00
		50	50	18.40	18.35	18.31	18.49	18.51	19.00
		100	0	18.32	18.39	17.97	18.38	18.43	19.00

	256QAM	1	0	17.51	17.54	17.57	17.57	17.58	19.00
		1	50	17.33	17.79	17.56	17.34	17.48	19.00
		1	99	17.83	17.44	17.76	17.81	17.89	19.00
		50	0	17.76	17.76	17.42	17.66	17.68	19.00
		50	25	17.50	17.56	17.52	17.49	17.57	19.00
		50	50	17.81	17.59	17.67	17.94	17.50	19.00
		100	0	17.48	17.60	17.60	17.50	17.59	19.00

LTE Band 41 ENDC 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	21.03	21.29	21.16	21.34	21.16	22.00	
		1	13	21.08	21.28	21.28	21.15	21.37	22.00	
		1	24	21.00	20.93	20.77	20.74	20.70	22.00	
		12	0	20.78	20.85	21.20	21.02	21.28	22.00	
		12	6	20.92	20.77	20.91	20.70	20.79	22.00	
		12	13	20.89	20.92	21.10	20.90	21.20	22.00	
	16QAM	25	0	20.84	21.21	21.12	21.13	20.97	22.00	
		1	0	21.22	21.08	20.95	21.01	20.94	22.00	
		1	13	20.83	20.85	21.37	20.85	21.17	22.00	
		1	24	21.17	20.88	20.85	20.87	20.84	22.00	
		12	0	20.93	20.79	20.80	20.72	20.79	22.00	
		12	6	20.77	21.01	21.06	21.01	21.02	22.00	
	64QAM	12	13	20.97	20.89	21.32	21.08	21.08	22.00	
		25	0	20.95	21.02	21.10	21.01	21.13	22.00	
		1	0	21.14	21.09	21.06	21.12	21.01	22.00	
		1	13	20.67	21.10	20.90	21.00	20.98	22.00	
		1	24	20.91	20.63	21.11	20.61	21.19	22.00	
		12	0	21.10	21.10	21.05	21.03	21.00	21.50	
	256QAM	12	6	20.93	20.96	20.95	20.91	20.96	21.50	
		12	13	21.17	21.18	21.24	21.21	21.12	21.50	
		25	0	21.19	21.26	21.19	21.29	21.25	21.50	
		1	0	18.69	18.89	18.68	18.89	18.83	19.50	
		1	13	18.84	18.76	18.80	18.69	18.92	19.50	
		1	24	18.71	18.74	18.71	18.83	18.89	19.50	
	10MHz	QPSK	12	0	18.85	18.75	18.86	18.77	18.82	19.50
			12	6	18.79	18.80	18.79	18.80	18.81	19.50
			12	13	18.80	18.81	18.86	18.78	18.93	19.50
			25	0	18.69	18.78	18.75	18.79	18.86	19.50
1			0	20.92	21.36	21.13	21.40	21.02	22.00	
1			25	21.16	21.29	21.25	21.20	21.26	22.00	
10MHz	QPSK	1	49	21.13	20.77	20.67	20.83	20.75	22.00	
		25	0	20.75	21.08	21.31	21.00	21.23	22.00	
		25	13	20.87	20.76	20.88	20.79	20.86	22.00	
		25	25	20.72	20.86	21.11	20.80	21.01	22.00	
		50	0	20.97	21.16	20.98	21.20	21.05	22.00	
		1	0	21.01	21.08	20.79	20.95	20.88	22.00	
	16QAM	1	25	20.80	20.86	21.29	20.79	21.36	22.00	
		1	49	21.06	20.78	20.96	20.84	20.95	22.00	
		25	0	20.88	20.61	20.75	20.69	20.76	22.00	
		25	13	20.80	20.99	20.93	20.92	20.97	22.00	
		25	25	20.99	21.06	21.19	20.87	21.09	22.00	

	64QAM	50	0	20.89	21.01	21.22	20.92	21.05	22.00						
		1	0	21.05	21.05	20.92	20.96	21.09	22.00						
		1	25	20.82	21.11	20.83	20.96	20.87	22.00						
		1	49	20.84	20.55	21.15	20.58	21.25	22.00						
		25	0	21.04	21.08	21.05	21.04	21.03	21.50						
		25	13	20.96	20.94	20.98	20.94	21.03	21.50						
		25	25	21.25	21.12	21.20	21.15	21.10	21.50						
	256QAM	50	0	21.11	21.30	21.16	21.30	21.26	21.50						
		1	0	18.75	18.85	18.77	18.79	18.73	19.50						
		1	25	18.70	18.68	18.79	18.68	18.89	19.50						
		1	49	18.70	18.80	18.75	18.79	18.85	19.50						
		25	0	18.80	18.72	18.86	18.82	18.76	19.50						
		25	13	18.75	18.84	18.77	18.73	18.81	19.50						
		25	25	18.78	18.88	18.72	18.82	18.90	19.50						
50	0	18.67	18.80	18.63	18.75	18.77	19.50								
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>						
				39725	40173	40620	41068	41515							
<b>15MHz</b>	QPSK	1	0	20.98	21.23	21.09	21.40	21.14	22.00						
		1	38	20.99	21.28	21.30	21.09	21.39	22.00						
		1	74	21.10	20.82	20.82	20.73	20.87	22.00						
		36	0	20.79	20.97	21.29	21.06	21.32	22.00						
		36	18	20.76	20.66	20.86	20.82	20.83	22.00						
		36	39	20.79	20.90	21.12	20.95	21.07	22.00						
	16QAM	75	0	20.96	21.05	20.98	21.13	20.96	22.00						
		1	0	21.05	20.94	20.77	20.98	20.76	22.00						
		1	38	20.92	20.78	21.27	20.81	21.32	22.00						
		1	74	21.27	20.80	20.97	20.83	20.94	22.00						
		36	0	20.77	20.75	20.75	20.60	20.82	22.00						
		36	18	20.77	20.94	21.04	20.90	20.89	22.00						
	64QAM	36	39	20.92	20.95	21.14	21.08	21.23	22.00						
		75	0	20.75	21.14	21.27	21.08	21.27	22.00						
		1	0	21.13	21.09	21.03	20.94	21.08	22.00						
		1	38	20.67	21.01	21.00	21.03	20.82	22.00						
		1	74	20.91	20.61	21.28	20.49	21.14	22.00						
		36	0	21.07	21.07	21.04	21.03	21.06	21.50						
	256QAM	36	18	20.92	20.91	21.00	20.97	20.97	21.50						
		36	39	21.24	21.13	21.22	21.16	21.10	21.50						
		75	0	21.13	21.28	21.17	21.30	21.26	21.50						
		1	0	18.80	18.80	18.76	18.82	18.79	19.50						
		1	38	18.80	18.72	18.76	18.71	18.92	19.50						
		1	74	18.67	18.73	18.70	18.77	18.82	19.50						
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>					
					39750	40185	40620	41055	41490						
					<b>20MHz</b>	QPSK	1	0	20.89		21.44	21.52	21.44	21.16	22.00
							1	50	21.07		21.15	21.36	21.09	21.36	22.00
1							99	20.93	20.93		20.69	20.94	20.66	22.00	
50							0	20.94	20.87		21.18	21.08	21.25	22.00	
50	25	20.89	20.77	20.90			20.63	20.88	22.00						
50	50	20.80	20.98	21.06			20.88	20.99	22.00						
100	0	20.81	21.10	21.14			21.17	21.01	22.00						
16QAM	1	0	21.19	21.06		20.80	21.03	20.82	22.00						
	1	50	20.96	21.01		21.18	20.80	21.14	22.00						



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		1	99	21.05	20.87	20.99	20.84	20.97	22.00
		50	0	20.79	20.57	20.95	20.70	20.92	22.00
		50	25	20.77	21.08	20.85	20.95	20.99	22.00
		50	50	20.98	20.89	21.23	21.01	21.32	22.00
		100	0	20.88	21.09	21.20	20.94	21.21	22.00
	64QAM	1	0	21.12	21.10	21.00	20.92	20.93	22.00
		1	50	20.82	21.08	20.90	20.94	21.02	22.00
		1	99	20.84	20.58	21.14	20.47	21.28	22.00
		50	0	21.03	21.11	21.09	21.08	21.07	21.50
		50	25	20.93	20.97	20.93	20.99	21.02	21.50
		50	50	21.24	21.19	21.26	21.20	21.12	21.50
		100	0	21.18	21.28	21.15	21.29	21.19	21.50
	256QAM	1	0	18.70	18.79	18.75	18.85	18.86	19.50
		1	50	18.82	18.74	18.73	18.78	18.94	19.50
		1	99	18.69	18.78	18.67	18.82	18.81	19.50
		50	0	18.73	18.68	18.77	18.77	18.80	19.50
		50	25	18.81	18.73	18.81	18.72	18.80	19.50
		50	50	18.80	18.77	18.84	18.85	18.82	19.50
		100	0	18.69	18.76	18.74	18.71	18.74	19.50

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## 7 Conducted Power of ENDC\_LTE Antenna(Ant2)

### 7.1 Conducted Power of LTE

LTE Band 2 ENDC Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.51	17.79	17.53	19.00
		1	2	17.89	17.63	17.75	19.00
		1	5	17.32	17.33	17.15	19.00
		3	0	17.81	17.37	17.63	19.00
		3	2	17.42	17.29	17.29	19.00
		3	3	17.58	17.46	17.70	19.00
	16QAM	6	0	17.65	17.72	17.53	19.00
		1	0	17.30	17.54	17.27	19.00
		1	2	17.88	17.51	17.78	19.00
		1	5	17.46	17.43	17.37	19.00
		3	0	17.42	17.10	17.46	19.00
		3	2	17.55	17.54	17.48	19.00
	64QAM	3	3	17.64	17.60	17.63	19.00
		6	0	17.70	17.43	17.68	19.00
		1	0	17.40	17.54	17.47	19.00
		1	2	17.46	17.60	17.48	19.00
		1	5	17.80	17.11	17.67	19.00
		3	0	17.24	17.60	17.67	19.00
	256QAM	3	2	17.55	17.63	17.48	19.00
		3	3	17.20	17.45	17.55	19.00
		6	0	17.44	17.06	17.63	19.00
		1	0	17.20	17.39	17.22	19.00
		1	2	17.29	17.23	17.25	19.00
		1	5	17.14	17.25	17.47	19.00
3MHz	QPSK	3	0	17.31	17.14	17.14	19.00
		3	2	17.31	17.18	17.14	19.00
		3	3	17.12	17.25	17.22	19.00
		6	0	17.29	17.24	17.29	19.00
		1	0	17.45	17.78	17.60	19.00
		1	7	17.71	17.78	17.66	19.00
	16QAM	1	14	17.32	17.44	17.38	19.00
		8	0	17.70	17.56	17.67	19.00
		8	4	17.35	17.27	17.36	19.00
		8	7	17.51	17.28	17.50	19.00
		15	0	17.49	17.66	17.63	19.00
		1	0	17.30	17.52	17.40	19.00
	64QAM	1	7	17.87	17.43	17.78	19.00
		1	14	17.48	17.40	17.55	19.00
		8	0	17.27	17.23	17.32	19.00
		8	4	17.36	17.40	17.54	19.00
		8	7	17.59	17.50	17.63	19.00
		15	0	17.65	17.52	17.73	19.00
	QPSK	1	0	17.39	17.42	17.53	19.00
		1	7	17.37	17.45	17.33	19.00
		1	14	17.79	17.15	17.62	19.00
		8	0	17.40	17.45	17.67	19.00
		8	4	17.60	17.56	17.49	19.00
		8	7	17.37	17.45	17.33	19.00

	256QAM	8	7	17.11	17.49	17.46	19.00
		15	0	17.44	17.03	17.67	19.00
		1	0	17.25	17.30	17.31	19.00
		1	7	17.18	17.27	17.31	19.00
		1	14	17.08	17.22	17.34	19.00
		8	0	17.30	17.07	17.24	19.00
		8	4	17.33	17.26	17.15	19.00
		8	7	17.15	17.24	17.32	19.00
		15	0	17.26	17.10	17.25	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	17.61	17.92	17.47	19.00
		1	13	17.66	17.68	17.65	19.00
		1	24	17.26	17.42	17.18	19.00
		12	0	17.61	17.59	17.65	19.00
		12	6	17.31	17.31	17.22	19.00
		12	13	17.59	17.43	17.57	19.00
		25	0	17.64	17.58	17.61	19.00
	16QAM	1	0	17.29	17.56	17.46	19.00
		1	13	17.79	17.40	17.77	19.00
		1	24	17.40	17.39	17.45	19.00
		12	0	17.38	17.27	17.46	19.00
		12	6	17.42	17.51	17.40	19.00
		12	13	17.74	17.50	17.74	19.00
		25	0	17.72	17.47	17.59	19.00
	64QAM	1	0	17.50	17.46	17.38	19.00
		1	13	17.43	17.44	17.55	19.00
		1	24	17.65	17.11	17.78	19.00
		12	0	17.42	17.66	17.71	19.00
		12	6	17.68	17.44	17.50	19.00
		12	13	17.10	17.51	17.45	19.00
		25	0	17.51	17.09	17.72	19.00
	256QAM	1	0	17.13	17.42	17.27	19.00
		1	13	17.21	17.18	17.37	19.00
		1	24	17.16	17.27	17.45	19.00
12		0	17.30	17.20	17.27	19.00	
12		6	17.31	17.17	17.07	19.00	
12		13	17.14	17.23	17.30	19.00	
25		0	17.19	17.13	17.24	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.46	17.81	17.49	19.00
		1	25	17.79	17.56	17.75	19.00
		1	49	17.18	17.37	17.33	19.00
		25	0	17.66	17.49	17.73	19.00
		25	13	17.46	17.31	17.30	19.00
		25	25	17.48	17.27	17.50	19.00
	16QAM	50	0	17.47	17.60	17.57	19.00
		1	0	17.36	17.64	17.46	19.00
		1	25	17.76	17.34	17.75	19.00
		1	49	17.48	17.49	17.57	19.00
		25	0	17.34	17.27	17.39	19.00
		25	13	17.41	17.55	17.49	19.00
		25	25	17.64	17.39	17.76	19.00
		50	0	17.70	17.44	17.59	19.00
	64QAM	1	0	17.59	17.40	17.56	19.00

		1	25	17.55	17.46	17.36	19.00
		1	49	17.62	17.12	17.84	19.00
		25	0	17.28	17.50	17.58	19.00
		25	13	17.66	17.49	17.59	19.00
		25	25	17.10	17.61	17.49	19.00
		50	0	17.29	17.06	17.65	19.00
	256QAM	1	0	17.15	17.31	17.24	19.00
		1	25	17.23	17.20	17.35	19.00
		1	49	17.12	17.31	17.47	19.00
		25	0	17.25	17.20	17.17	19.00
		25	13	17.34	17.22	17.09	19.00
		25	25	17.20	17.32	17.26	19.00
		50	0	17.30	17.21	17.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.54	17.74	17.59	19.00
		1	38	17.83	17.58	17.70	19.00
		1	74	17.30	17.44	17.27	19.00
		36	0	17.61	17.37	17.78	19.00
		36	18	17.29	17.12	17.33	19.00
		36	39	17.61	17.38	17.50	19.00
		75	0	17.46	17.71	17.46	19.00
	16QAM	1	0	17.42	17.59	17.47	19.00
		1	38	17.85	17.43	17.65	19.00
		1	74	17.44	17.43	17.46	19.00
		36	0	17.44	17.14	17.48	19.00
		36	18	17.45	17.56	17.35	19.00
		36	39	17.61	17.54	17.76	19.00
		75	0	17.57	17.54	17.54	19.00
	64QAM	1	0	17.42	17.57	17.57	19.00
		1	38	17.53	17.56	17.39	19.00
		1	74	17.84	17.01	17.83	19.00
		36	0	17.39	17.65	17.61	19.00
		36	18	17.49	17.56	17.61	19.00
		36	39	17.28	17.56	17.37	19.00
		75	0	17.29	17.11	17.76	19.00
	256QAM	1	0	17.26	17.30	17.29	19.00
		1	38	17.30	17.22	17.30	19.00
		1	74	17.20	17.20	17.41	19.00
		36	0	17.30	17.13	17.16	19.00
		36	18	17.24	17.26	17.16	19.00
		36	39	17.11	17.37	17.24	19.00
		75	0	17.29	17.14	17.21	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18700					18900	19100	
20MHz	QPSK	1	0	17.46	18.00	17.62	19.00
		1	50	17.81	17.63	17.74	19.00
		1	99	17.18	17.29	17.24	19.00
		50	0	17.62	17.54	17.77	19.00
		50	25	17.42	17.24	17.34	19.00
		50	50	17.66	17.35	17.61	19.00
		100	0	17.65	17.56	17.65	19.00

	16QAM	1	0	17.37	17.66	17.41	19.00
		1	50	17.81	17.31	17.76	19.00
		1	99	17.55	17.36	17.35	19.00
		50	0	17.33	17.24	17.31	19.00
		50	25	17.48	17.48	17.36	19.00
		50	50	17.77	17.45	17.68	19.00
		100	0	17.70	17.65	17.75	19.00
	64QAM	1	0	17.53	17.56	17.49	19.00
		1	50	17.54	17.37	17.32	19.00
		1	99	17.78	17.08	17.64	19.00
		50	0	17.31	17.49	17.55	19.00
		50	25	17.66	17.44	17.44	19.00
		50	50	17.12	17.48	17.39	19.00
		100	0	17.30	17.15	17.82	19.00
	256QAM	1	0	17.12	17.30	17.26	19.00
		1	50	17.28	17.27	17.26	19.00
		1	99	17.16	17.21	17.44	19.00
		50	0	17.35	17.15	17.28	19.00
		50	25	17.33	17.27	17.08	19.00
		50	50	17.17	17.27	17.22	19.00
		100	0	17.29	17.21	17.18	19.00

LTE Band 2 ENDC Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.17	16.41	15.99	17.50
		1	2	16.36	16.21	16.27	17.50
		1	5	15.98	15.95	15.74	17.50
		3	0	16.43	16.02	16.24	17.50
		3	2	15.96	15.95	15.96	17.50
		3	3	16.08	16.11	16.20	17.50
		6	0	16.26	16.35	16.12	17.50
	16QAM	1	0	15.79	16.00	15.72	17.50
		1	2	16.52	15.98	16.33	17.50
		1	5	16.06	15.92	15.84	17.50
		3	0	15.95	15.75	16.13	17.50
		3	2	16.15	16.18	16.02	17.50
		3	3	16.24	16.13	16.18	17.50
		6	0	16.15	16.12	16.24	17.50
	64QAM	1	0	15.95	16.07	16.10	17.50
		1	2	16.11	16.10	16.04	17.50
		1	5	16.38	15.61	16.13	17.50
		3	0	15.91	16.09	16.30	17.50
		3	2	16.23	16.13	16.15	17.50
		3	3	15.85	16.07	16.20	17.50
		6	0	15.91	15.58	16.21	17.50
	256QAM	1	0	15.87	15.86	15.73	17.50
		1	2	15.80	15.76	15.78	17.50
		1	5	15.82	15.79	16.11	17.50
		3	0	15.93	15.60	15.80	17.50
		3	2	15.98	15.79	15.69	17.50
		3	3	15.80	15.91	15.77	17.50
		3	3	15.80	15.91	15.77	17.50



Bandwidth	Modulation	6	0	15.86	15.78	15.80	17.50	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
3MHz	QPSK	1	0	18615	18900	19185	17.50	
		1	7	16.11	16.44	16.14	17.50	
		1	14	16.42	16.10	16.44	17.50	
		8	0	15.92	15.93	15.81	17.50	
		8	4	16.37	15.83	16.09	17.50	
		8	7	15.91	15.93	15.91	17.50	
	16QAM	8	7	16.26	16.06	16.18	17.50	
		15	0	16.30	16.35	16.14	17.50	
		1	0	15.75	16.08	15.85	17.50	
		1	7	16.55	16.02	16.43	17.50	
		1	14	15.98	16.07	15.94	17.50	
		8	0	15.93	15.78	16.12	17.50	
	64QAM	8	4	16.12	16.14	16.04	17.50	
		8	7	16.24	16.19	16.24	17.50	
		15	0	16.16	16.00	16.13	17.50	
		1	0	15.88	16.22	15.94	17.50	
		1	7	16.14	16.11	15.95	17.50	
		1	14	16.31	15.56	16.19	17.50	
	256QAM	8	0	15.85	16.16	16.31	17.50	
		8	4	16.06	16.18	16.15	17.50	
		8	7	15.77	16.01	16.12	17.50	
		15	0	16.05	15.68	16.19	17.50	
		1	0	15.68	15.99	15.85	17.50	
		1	7	15.90	15.83	15.86	17.50	
	5MHz	QPSK	1	14	15.59	15.87	15.97	17.50
			8	0	15.99	15.74	15.62	17.50
			8	4	15.85	15.63	15.69	17.50
			8	7	15.63	15.82	15.72	17.50
			15	0	15.85	15.82	15.81	17.50
			1	0	16.12	16.46	16.15	17.50
16QAM		1	13	16.41	16.11	16.29	17.50	
		1	24	15.93	15.96	15.68	17.50	
		12	0	16.49	15.89	16.22	17.50	
		12	6	16.07	15.76	15.82	17.50	
		12	13	16.13	15.94	16.28	17.50	
		25	0	16.11	16.24	16.06	17.50	
64QAM		1	0	15.83	16.17	15.92	17.50	
		1	13	16.33	16.04	16.40	17.50	
		1	24	15.96	16.04	16.00	17.50	
		12	0	15.96	15.76	16.02	17.50	
		12	6	16.19	16.18	15.95	17.50	
		12	13	16.24	16.17	16.25	17.50	
256QAM		25	0	16.27	16.07	16.15	17.50	
		1	0	15.97	16.07	15.99	17.50	
		1	13	15.97	16.22	16.16	17.50	
		1	24	16.27	15.61	16.13	17.50	
		12	0	15.81	16.15	16.31	17.50	
		12	6	16.20	16.12	16.07	17.50	
256QAM		12	13	15.79	16.13	16.02	17.50	
		25	0	16.11	15.67	16.08	17.50	
		1	0	15.84	15.96	15.84	17.50	
		1	13	15.81	15.71	15.80	17.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	24	15.75	15.80	16.06	17.50
		12	0	15.83	15.59	15.75	17.50
		12	6	15.93	15.84	15.76	17.50
		12	13	15.77	15.81	15.84	17.50
		25	0	15.94	15.85	15.81	17.50
		25	25	16.02	15.76	15.86	17.50
	16QAM	1	0	16.19	16.34	16.17	17.50
		1	25	16.53	16.22	16.36	17.50
		1	49	15.95	15.91	15.66	17.50
		25	0	16.37	16.06	16.09	17.50
		25	13	16.02	15.76	15.86	17.50
		25	25	16.24	16.00	16.36	17.50
	64QAM	50	0	16.12	16.32	16.17	17.50
		1	0	15.77	16.07	15.87	17.50
		1	25	16.47	15.96	16.44	17.50
		1	49	15.94	15.93	16.02	17.50
		25	0	16.00	15.65	16.02	17.50
		25	13	16.16	16.18	16.02	17.50
	256QAM	25	25	16.32	16.27	16.11	17.50
		50	0	16.22	15.94	16.18	17.50
		1	0	15.87	16.11	15.96	17.50
		1	25	16.10	16.20	16.04	17.50
		1	49	16.26	15.72	16.32	17.50
		25	0	15.80	16.09	16.19	17.50
	256QAM	25	13	16.21	16.28	16.10	17.50
25		25	15.71	16.13	16.06	17.50	
50		0	16.10	15.66	16.27	17.50	
1		0	15.69	16.00	15.82	17.50	
1		25	15.92	15.77	15.88	17.50	
1		49	15.59	15.87	16.11	17.50	
256QAM	25	0	15.92	15.79	15.65	17.50	
	25	13	15.90	15.74	15.72	17.50	
256QAM	25	25	15.59	15.93	15.80	17.50	
	50	0	15.85	15.81	15.84	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	16.20	16.26	15.99	17.50
		1	38	16.51	16.17	16.38	17.50
		1	74	15.77	15.80	15.75	17.50
		36	0	16.36	15.95	16.09	17.50
		36	18	16.05	15.78	15.98	17.50
		36	39	16.24	16.12	16.38	17.50
		75	0	16.21	16.17	16.03	17.50
	16QAM	1	0	15.79	16.05	15.88	17.50
		1	38	16.33	16.00	16.47	17.50
		1	74	15.91	15.97	15.84	17.50
		36	0	16.03	15.72	16.10	17.50
		36	18	16.15	16.22	15.99	17.50
		36	39	16.10	16.18	16.16	17.50
		75	0	16.32	16.01	16.31	17.50
	64QAM	1	0	15.97	16.15	16.09	17.50
		1	38	16.13	16.06	16.17	17.50
		1	74	16.37	15.63	16.22	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	256QAM	36	0	15.89	16.21	16.33	17.50	
		36	18	16.05	16.18	15.95	17.50	
		36	39	15.72	16.10	16.04	17.50	
		75	0	16.05	15.54	16.29	17.50	
		1	0	15.73	16.04	15.86	17.50	
		1	38	15.84	15.81	15.80	17.50	
		1	74	15.72	15.71	16.16	17.50	
		36	0	15.81	15.77	15.83	17.50	
		36	18	15.81	15.78	15.77	17.50	
		36	39	15.64	15.77	15.90	17.50	
		75	0	15.85	15.78	15.86	17.50	
		20MHz	QPSK	1	0	15.97	16.65	16.10
	1			50	16.43	16.29	16.38	17.50
	1			99	15.86	15.86	15.71	17.50
	50			0	16.42	15.99	16.25	17.50
	50			25	15.92	15.89	15.87	17.50
	50			50	16.18	16.04	16.17	17.50
	100			0	16.13	16.28	16.13	17.50
	16QAM		1	0	15.79	16.11	15.84	17.50
			1	50	16.54	15.98	16.30	17.50
			1	99	15.99	16.07	16.05	17.50
			50	0	15.98	15.74	15.97	17.50
			50	25	16.01	16.15	16.15	17.50
			50	50	16.28	16.26	16.16	17.50
			100	0	16.21	16.12	16.35	17.50
	64QAM		1	0	15.90	16.08	16.04	17.50
			1	50	15.98	16.06	16.15	17.50
			1	99	16.44	15.65	16.34	17.50
			50	0	15.84	16.18	16.18	17.50
			50	25	16.13	16.29	16.15	17.50
			50	50	15.74	16.10	16.09	17.50
			100	0	15.99	15.62	16.28	17.50
	256QAM		1	0	15.66	16.07	15.84	17.50
			1	50	15.89	15.69	15.89	17.50
			1	99	15.67	15.79	16.01	17.50
			50	0	15.92	15.74	15.74	17.50
50			25	15.96	15.69	15.62	17.50	
50			50	15.80	15.73	15.83	17.50	
100			0	15.81	15.72	15.82	17.50	

LTE Band 7 ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.97	24.08	23.71	25.00
		1	13	23.94	23.84	23.90	25.00
		1	24	23.81	23.82	23.81	25.00
		12	0	22.94	23.07	23.03	24.00

		12	6	23.06	22.91	23.10	24.00	
		12	13	23.05	23.02	22.94	24.00	
		25	0	22.93	23.06	22.99	24.00	
		16QAM	1	0	23.04	22.81	22.95	24.00
			1	13	22.90	22.93	22.71	24.00
			1	24	22.83	22.93	22.87	24.00
			12	0	21.94	22.04	21.95	23.00
			12	6	22.00	21.83	22.03	23.00
			12	13	21.97	21.99	21.98	23.00
	25		0	21.90	21.81	21.93	23.00	
	64QAM	1	0	21.86	21.91	22.08	23.00	
		1	13	21.80	21.64	21.77	23.00	
		1	24	21.84	21.85	21.92	23.00	
		12	0	21.15	21.14	21.17	22.00	
		12	6	21.08	21.14	21.02	22.00	
		12	13	21.22	21.18	21.23	22.00	
		25	0	21.30	21.32	21.30	22.00	
	256QAM	1	0	18.66	18.84	18.68	20.00	
		1	13	18.84	18.72	18.78	20.00	
		1	24	18.65	18.96	18.89	20.00	
		12	0	18.84	18.57	18.73	20.00	
		12	6	18.69	18.76	18.52	20.00	
		12	13	18.73	18.77	18.95	20.00	
		25	0	18.74	18.71	18.55	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	24.00	23.99	23.73	25.00	
		1	25	23.99	23.93	23.81	25.00	
		1	49	24.01	23.94	23.86	25.00	
		25	0	22.91	23.09	23.06	24.00	
		25	13	22.99	22.82	22.93	24.00	
		25	25	23.07	23.02	22.86	24.00	
		50	0	22.82	22.99	22.85	24.00	
	16QAM	1	0	22.98	22.84	23.11	24.00	
		1	25	22.89	22.95	22.71	24.00	
		1	49	22.99	23.10	23.03	24.00	
		25	0	21.90	21.99	21.81	23.00	
		25	13	22.00	21.94	21.94	23.00	
		25	25	21.91	22.01	21.98	23.00	
		50	0	22.00	21.92	22.04	23.00	
	64QAM	1	0	21.96	21.91	21.99	23.00	
		1	25	21.77	21.62	21.71	23.00	
		1	49	21.81	21.72	21.94	23.00	
		25	0	21.31	21.12	21.03	22.00	
		25	13	21.14	21.15	20.89	22.00	
		25	25	21.32	21.35	21.34	22.00	
		50	0	21.27	21.13	21.28	22.00	
	256QAM	1	0	18.74	18.79	18.60	20.00	
		1	25	18.79	18.74	18.79	20.00	
		1	49	18.63	18.87	19.02	20.00	
		25	0	18.86	18.57	18.74	20.00	
25		13	18.71	18.74	18.63	20.00		
25		25	18.73	18.78	18.95	20.00		
50		0	18.85	18.63	18.55	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				20825	21100	21375	
15MHz	QPSK	1	0	23.94	24.06	23.77	25.00
		1	38	24.06	23.86	23.90	25.00
		1	74	23.97	23.87	23.76	25.00
		36	0	22.92	23.09	22.84	24.00
		36	18	22.91	22.98	22.95	24.00
		36	39	22.91	22.99	22.92	24.00
		75	0	22.83	23.11	23.00	24.00
	16QAM	1	0	23.03	22.77	22.97	24.00
		1	38	22.91	23.13	22.73	24.00
		1	74	22.98	22.97	22.97	24.00
		36	0	21.85	21.98	21.87	23.00
		36	18	22.01	21.92	22.02	23.00
		36	39	21.98	22.06	22.11	23.00
		75	0	21.90	21.84	21.94	23.00
	64QAM	1	0	21.82	21.88	22.01	23.00
		1	38	21.76	21.64	21.88	23.00
		1	74	21.86	21.82	21.90	23.00
		36	0	21.18	21.25	21.08	22.00
		36	18	21.01	21.03	21.05	22.00
		36	39	21.19	21.32	21.24	22.00
		75	0	21.30	21.19	21.38	22.00
	256QAM	1	0	18.65	18.79	18.56	20.00
		1	38	18.81	18.70	18.79	20.00
		1	74	18.66	18.83	18.95	20.00
		36	0	18.85	18.58	18.79	20.00
		36	18	18.83	18.78	18.52	20.00
		36	39	18.76	18.88	18.96	20.00
		75	0	18.82	18.71	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	23.83	24.10	23.82	25.00
		1	50	24.05	23.78	23.86	25.00
		1	99	23.89	23.86	23.70	25.00
		50	0	22.80	23.05	22.92	24.00
		50	25	22.97	22.89	22.96	24.00
		50	50	23.02	23.05	23.04	24.00
		100	0	23.00	23.13	22.85	24.00
	16QAM	1	0	23.01	22.98	23.01	24.00
		1	50	22.84	23.13	22.72	24.00
		1	99	23.01	23.04	22.86	24.00
		50	0	22.04	22.06	21.94	23.00
		50	25	21.90	21.92	21.95	23.00
		50	50	21.98	21.99	22.10	23.00
		100	0	22.00	21.88	21.87	23.00
	64QAM	1	0	22.01	21.79	21.94	23.00
		1	50	21.80	21.55	21.83	23.00
		1	99	21.72	21.84	21.90	23.00
		50	0	21.27	21.05	21.11	22.00
		50	25	21.10	21.13	20.91	22.00
		50	50	21.39	21.31	21.33	22.00
		100	0	21.17	21.14	21.23	22.00
	256QAM	1	0	18.75	18.80	18.68	20.00
		1	50	18.78	18.70	18.75	20.00
		1	99	18.66	18.98	18.91	20.00



		50	0	18.81	18.65	18.74	20.00
		50	25	18.71	18.73	18.55	20.00
		50	50	18.65	18.81	19.00	20.00
		100	0	18.76	18.65	18.68	20.00

LTE Band 7 ENDC 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	17.24	17.38	17.08	18.50
		1	13	17.38	17.18	17.29	18.50
		1	24	17.00	17.00	16.72	18.50
		12	0	17.46	17.02	17.33	18.50
		12	6	17.14	17.05	17.07	18.50
		12	13	17.13	17.20	17.22	18.50
	16QAM	25	0	17.34	17.51	17.17	18.50
		1	0	16.86	17.05	16.87	18.50
		1	13	17.60	17.14	17.42	18.50
		1	24	17.22	16.95	17.01	18.50
		12	0	17.02	16.84	17.32	18.50
		12	6	17.13	17.16	17.14	18.50
	64QAM	12	13	17.36	17.27	17.25	18.50
		25	0	17.29	17.20	17.26	18.50
		1	0	17.05	17.13	17.19	18.50
		1	13	17.11	17.09	17.08	18.50
		1	24	17.36	16.58	17.11	18.50
		12	0	17.09	17.14	17.37	18.50
	256QAM	12	6	17.26	17.11	17.20	18.50
		12	13	16.94	17.20	17.31	18.50
		25	0	16.90	16.71	17.33	18.50
		1	0	16.94	16.93	16.84	18.50
		1	13	16.91	16.82	16.76	18.50
		1	24	16.82	16.76	17.18	18.50
10MHz	QPSK	12	0	16.97	16.68	16.90	18.50
		12	6	17.07	16.93	16.78	18.50
		12	13	16.77	16.95	16.82	18.50
		25	0	16.90	16.74	16.78	18.50
		1	0	17.19	17.39	17.12	18.50
		1	25	17.52	17.27	17.41	18.50
	16QAM	1	49	17.06	17.00	16.91	18.50
		25	0	17.53	17.02	17.25	18.50
		25	13	17.08	17.00	17.04	18.50
		25	25	17.15	17.28	17.32	18.50
		50	0	17.22	17.31	17.12	18.50
		1	0	16.80	17.00	16.78	18.50
	64QAM	1	25	17.57	17.10	17.44	18.50
		1	49	17.08	16.89	16.80	18.50
		25	0	17.06	16.83	17.23	18.50
		25	13	17.23	17.18	17.18	18.50
		25	25	17.32	17.12	17.23	18.50
		50	0	17.18	17.15	17.28	18.50
	64QAM	1	0	17.07	17.05	17.06	18.50
		1	25	17.28	17.22	17.19	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.30	17.56	17.05	18.50
		1	38	17.42	17.18	17.32	18.50
		1	74	16.97	17.02	16.73	18.50
		36	0	17.52	17.00	17.30	18.50
		36	18	17.15	17.12	17.02	18.50
		36	39	17.11	17.12	17.23	18.50
	16QAM	75	0	17.27	17.42	17.09	18.50
		1	0	16.82	16.97	16.76	18.50
		1	38	17.55	16.93	17.33	18.50
		1	74	17.22	16.95	16.90	18.50
		36	0	16.97	16.71	17.22	18.50
		36	18	17.20	17.31	17.08	18.50
	64QAM	36	39	17.22	17.30	17.25	18.50
		75	0	17.16	17.18	17.42	18.50
		1	0	17.13	17.13	17.27	18.50
		1	38	17.25	17.13	17.14	18.50
		1	74	17.51	16.64	17.08	18.50
		36	0	17.06	17.25	17.44	18.50
256QAM	36	18	17.24	17.30	17.26	18.50	
	36	39	16.86	17.24	17.17	18.50	
	75	0	16.90	16.75	17.32	18.50	
	1	0	16.89	17.02	16.73	18.50	
	1	38	16.96	16.92	16.82	18.50	
	1	74	16.82	16.81	17.21	18.50	
20MHz	QPSK	36	0	17.09	16.75	16.84	18.50
		36	18	17.05	16.96	16.69	18.50
		36	39	16.79	17.08	16.89	18.50
		75	0	17.02	16.93	16.97	18.50
		1	0	17.15	17.66	16.97	18.50
		1	50	17.42	17.33	17.34	18.50
	16QAM	1	99	16.93	16.92	16.74	18.50
		50	0	17.45	17.07	17.27	18.50
		50	25	16.99	16.95	17.08	18.50
		50	50	17.27	17.08	17.17	18.50
		100	0	17.21	17.48	17.22	18.50
		1	0	16.75	17.18	16.88	18.50
16QAM	1	50	17.49	16.98	17.46	18.50	
	1	99	17.06	17.04	16.97	18.50	
	50	0	17.12	16.75	17.17	18.50	
	50	25	17.23	17.35	17.06	18.50	

		50	50	17.32	17.32	17.32	18.50
		100	0	17.19	17.24	17.22	18.50
	64QAM	1	0	17.01	17.24	17.25	18.50
		1	50	17.23	17.14	17.12	18.50
		1	99	17.53	16.58	17.26	18.50
		50	0	17.01	17.08	17.48	18.50
		50	25	17.41	17.25	17.16	18.50
		50	50	16.83	17.17	17.38	18.50
		100	0	17.01	16.68	17.20	18.50
	256QAM	1	0	16.90	16.93	16.68	18.50
		1	50	16.92	16.95	16.76	18.50
		1	99	16.95	16.95	17.08	18.50
		50	0	16.96	16.70	16.93	18.50
		50	25	17.16	16.76	16.87	18.50
50		50	16.95	17.09	16.74	18.50	
		100	0	17.01	16.73	16.93	18.50

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	18.24	18.52	18.09	19.50
		1	13	18.53	18.19	18.33	19.50
		1	24	18.10	17.93	17.82	19.50
		12	0	18.52	18.12	18.29	19.50
		12	6	17.94	18.00	18.02	19.50
		12	13	18.04	18.12	18.35	19.50
	16QAM	25	0	18.24	18.41	18.17	19.50
		1	0	17.95	18.03	17.72	19.50
		1	13	18.63	18.01	18.30	19.50
		1	24	18.06	17.90	17.96	19.50
		12	0	18.10	17.85	18.21	19.50
		12	6	18.16	18.28	18.04	19.50
	64QAM	12	13	18.32	18.21	18.23	19.50
		25	0	18.18	18.29	18.29	19.50
		1	0	18.08	18.24	18.08	19.50
		1	13	18.20	18.06	18.14	19.50
		1	24	18.48	17.61	18.15	19.50
		12	0	17.95	18.12	18.42	19.50
	256QAM	12	6	18.31	18.11	18.16	19.50
		12	13	18.00	18.08	18.21	19.50
		25	0	17.92	17.61	18.25	19.50
		1	0	17.91	17.81	17.90	19.50
		1	13	17.95	17.86	17.91	19.50
		1	24	17.89	17.82	18.07	19.50
10MHz	QPSK	12	0	18.02	17.59	17.86	19.50
		12	6	18.10	17.75	17.77	19.50
		12	13	17.88	17.88	17.90	19.50
		25	0	17.96	17.89	17.94	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
		1	0	18.23	18.46	17.99	19.50
		1	25	18.45	18.22	18.35	19.50
		1	49	17.99	18.08	17.70	19.50
		25	0	18.58	18.11	18.34	19.50
		25	13	18.04	17.90	17.93	19.50



		25	25	18.18	18.19	18.34	19.50
		50	0	18.35	18.35	18.20	19.50
	16QAM	1	0	17.74	17.97	17.71	19.50
		1	25	18.63	18.16	18.29	19.50
		1	49	18.23	18.02	17.86	19.50
		25	0	18.03	17.84	18.22	19.50
		25	13	18.24	18.24	18.02	19.50
		25	25	18.22	18.31	18.16	19.50
		50	0	18.28	18.15	18.20	19.50
	64QAM	1	0	18.09	18.25	18.20	19.50
		1	25	18.20	18.23	18.05	19.50
		1	49	18.50	17.63	18.22	19.50
		25	0	17.87	18.09	18.34	19.50
		25	13	18.22	18.12	18.29	19.50
		25	25	17.96	18.03	18.19	19.50
	256QAM	50	0	17.86	17.62	18.32	19.50
		1	0	17.99	18.03	17.76	19.50
		1	25	17.80	17.89	17.74	19.50
		1	49	17.80	17.77	18.07	19.50
		25	0	17.92	17.69	17.86	19.50
25		13	18.13	17.74	17.72	19.50	
25		25	17.75	17.94	17.83	19.50	
50	0	17.99	17.89	17.87	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	18.34	18.57	18.15	19.50
		1	38	18.34	18.29	18.44	19.50
		1	74	17.99	17.96	17.76	19.50
		36	0	18.57	18.14	18.22	19.50
		36	18	18.09	17.97	18.14	19.50
		36	39	18.13	18.06	18.23	19.50
		75	0	18.38	18.41	18.15	19.50
	16QAM	1	0	17.77	18.03	17.90	19.50
		1	38	18.52	18.05	18.35	19.50
		1	74	18.09	17.95	17.90	19.50
		36	0	18.02	17.84	18.19	19.50
		36	18	18.14	18.29	17.99	19.50
		36	39	18.36	18.20	18.30	19.50
		75	0	18.33	18.09	18.22	19.50
	64QAM	1	0	18.02	18.21	18.06	19.50
		1	38	18.13	18.09	18.14	19.50
		1	74	18.43	17.77	18.26	19.50
		36	0	18.02	18.25	18.27	19.50
		36	18	18.42	18.11	18.17	19.50
		36	39	18.04	18.10	18.19	19.50
		75	0	17.98	17.55	18.32	19.50
	256QAM	1	0	17.93	17.95	17.70	19.50
		1	38	17.81	17.71	17.90	19.50
		1	74	17.85	17.92	18.22	19.50
		36	0	17.97	17.78	17.86	19.50
		36	18	17.98	17.78	17.66	19.50
		36	39	17.87	18.09	17.79	19.50
75		0	17.93	17.81	17.91	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.18	18.70	18.18	19.50

		1	50	18.43	18.22	18.27	19.50
		1	99	18.09	17.93	17.88	19.50
		50	0	18.50	18.13	18.35	19.50
		50	25	18.02	18.10	17.95	19.50
		50	50	18.12	18.27	18.30	19.50
		100	0	18.39	18.33	18.10	19.50
	16QAM	1	0	17.75	18.05	17.72	19.50
		1	50	18.58	17.95	18.37	19.50
		1	99	18.16	18.07	18.01	19.50
		50	0	18.05	17.86	18.21	19.50
		50	25	18.23	18.22	18.02	19.50
		50	50	18.34	18.29	18.33	19.50
	64QAM	100	0	18.33	18.17	18.22	19.50
		1	0	17.96	18.11	18.26	19.50
		1	50	18.20	18.16	18.22	19.50
		1	99	18.46	17.63	18.15	19.50
		50	0	17.98	18.09	18.42	19.50
		50	25	18.33	18.21	18.33	19.50
	256QAM	50	50	17.83	18.24	18.26	19.50
		100	0	18.02	17.68	18.25	19.50
		1	0	17.87	17.84	17.91	19.50
		1	50	17.95	17.85	17.76	19.50
		1	99	17.91	17.83	18.12	19.50
		50	0	18.11	17.75	17.94	19.50
		50	25	18.16	17.76	17.76	19.50
		50	50	17.77	17.90	17.96	19.50
		100	0	17.85	17.78	17.88	19.50

LTE Band 38 ENDC 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	17.27	17.48	17.06	18.00
		1	13	17.45	17.20	17.40	18.00
		1	24	16.96	16.91	16.81	18.00
		12	0	17.56	17.20	17.21	18.00
		12	6	17.09	17.14	17.10	18.00
		12	13	17.12	17.24	17.37	18.00
		25	0	17.29	17.43	17.13	18.00
	16QAM	1	0	16.97	16.97	16.71	18.00
		1	13	17.66	17.10	17.31	18.00
		1	24	17.10	17.01	16.98	18.00
		12	0	17.05	16.74	17.31	18.00
		12	6	17.15	17.27	17.02	18.00
		12	13	17.40	17.09	17.35	18.00
		25	0	17.16	17.09	17.31	18.00
	64QAM	1	0	17.07	17.10	17.09	18.00
		1	13	17.09	17.08	17.11	18.00
		1	24	17.54	16.76	17.18	18.00
		12	0	17.02	17.06	17.35	18.00
		12	6	17.31	17.12	17.21	18.00
		12	13	17.04	17.13	17.32	18.00
		25	0	16.93	16.63	17.23	18.00

		1	0	17.04	16.83	16.82	18.00	
		1	13	16.91	16.79	16.88	18.00	
		1	24	16.85	16.86	17.25	18.00	
	256QAM	12	0	17.04	16.70	16.92	18.00	
		12	6	17.12	16.95	16.85	18.00	
		12	13	16.97	16.89	16.88	18.00	
		25	0	16.94	16.79	16.85	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	17.33	17.54	16.94	18.00	
		1	25	17.48	17.27	17.30	18.00	
		1	49	17.05	17.04	16.87	18.00	
		25	0	17.38	17.12	17.27	18.00	
		25	13	17.09	16.94	16.97	18.00	
		25	25	17.26	17.27	17.21	18.00	
		50	0	17.36	17.46	17.23	18.00	
	16QAM	1	0	16.77	17.15	16.70	18.00	
		1	25	17.56	17.03	17.36	18.00	
		1	49	17.01	16.87	16.91	18.00	
		25	0	17.08	16.79	17.29	18.00	
		25	13	17.11	17.36	17.07	18.00	
		25	25	17.33	17.08	17.29	18.00	
		50	0	17.18	17.14	17.41	18.00	
	64QAM	1	0	16.98	17.13	17.25	18.00	
		1	25	17.08	17.23	16.99	18.00	
		1	49	17.40	16.79	17.12	18.00	
		25	0	16.96	17.25	17.33	18.00	
		25	13	17.18	17.23	17.34	18.00	
		25	25	16.91	17.23	17.17	18.00	
		50	0	16.90	16.73	17.17	18.00	
	256QAM	1	0	17.00	16.85	16.80	18.00	
		1	25	16.91	16.94	16.80	18.00	
		1	49	16.82	16.76	17.27	18.00	
		25	0	16.99	16.69	16.92	18.00	
		25	13	17.15	16.82	16.80	18.00	
		25	25	16.90	17.00	16.87	18.00	
		50	0	16.86	16.93	16.84	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
15MHz	QPSK	1	0	17.13	17.46	17.17	18.00	
		1	38	17.53	17.24	17.26	18.00	
		1	74	17.15	17.11	16.74	18.00	
		36	0	17.42	17.01	17.23	18.00	
		36	18	17.12	17.00	17.12	18.00	
		36	39	17.17	17.29	17.34	18.00	
		75	0	17.22	17.53	17.13	18.00	
	16QAM	1	0	16.94	17.13	16.75	18.00	
		1	38	17.53	17.04	17.32	18.00	
		1	74	17.24	16.88	16.97	18.00	
		36	0	16.95	16.80	17.12	18.00	
		36	18	17.24	17.35	17.05	18.00	

	64QAM	36	39	17.35	17.25	17.13	18.00
		75	0	17.15	17.11	17.22	18.00
		1	0	17.06	17.05	17.19	18.00
		1	38	17.10	17.22	17.18	18.00
		1	74	17.43	16.70	17.23	18.00
		36	0	16.96	17.23	17.29	18.00
		36	18	17.31	17.14	17.11	18.00
		36	39	16.87	17.07	17.20	18.00
	256QAM	75	0	16.98	16.61	17.29	18.00
		1	0	16.86	16.91	16.78	18.00
		1	38	16.88	16.82	16.81	18.00
		1	74	16.96	16.84	17.09	18.00
		36	0	16.95	16.76	16.88	18.00
		36	18	16.96	16.82	16.84	18.00
		36	39	16.80	16.87	16.93	18.00
		75	0	17.05	16.78	16.93	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	17.31	17.75	17.09	18.00
		1	50	17.47	17.40	17.34	18.00
		1	99	17.17	16.91	16.71	18.00
		50	0	17.39	17.07	17.34	18.00
		50	25	17.06	17.14	16.94	18.00
		50	50	17.05	17.29	17.37	18.00
		100	0	17.25	17.52	17.12	18.00
	16QAM	1	0	16.98	17.12	16.90	18.00
		1	50	17.61	17.10	17.41	18.00
		1	99	17.03	17.05	17.00	18.00
		50	0	17.03	16.91	17.29	18.00
		50	25	17.25	17.16	16.98	18.00
		50	50	17.31	17.17	17.27	18.00
		100	0	17.29	17.16	17.19	18.00
	64QAM	1	0	16.94	17.06	17.07	18.00
		1	50	17.10	17.14	17.20	18.00
		1	99	17.48	16.59	17.22	18.00
		50	0	17.06	17.13	17.30	18.00
		50	25	17.20	17.16	17.13	18.00
		50	50	16.92	17.17	17.37	18.00
		100	0	17.06	16.69	17.19	18.00
	256QAM	1	0	17.04	16.85	16.70	18.00
		1	50	16.78	16.93	16.94	18.00
		1	99	16.99	16.85	17.25	18.00
		50	0	16.98	16.58	16.86	18.00
		50	25	17.16	16.93	16.68	18.00
		50	50	16.97	16.89	16.74	18.00
		100	0	16.87	16.94	16.88	18.00

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

				37775	38000	38225	
5MHz	QPSK	1	0	19.59	19.96	19.91	21.00
		1	13	19.87	19.57	20.10	21.00
		1	24	19.41	19.36	19.78	21.00
		12	0	19.98	19.37	20.09	21.00
		12	6	19.53	19.33	19.66	21.00
		12	13	19.65	19.51	20.04	21.00
		25	0	19.69	19.81	19.67	21.00
	16QAM	1	0	19.29	19.44	19.74	21.00
		1	13	19.99	19.44	20.04	21.00
		1	24	19.52	19.44	19.81	21.00
		12	0	19.45	19.14	19.67	21.00
		12	6	19.54	19.65	19.81	21.00
		12	13	19.73	19.53	20.03	21.00
		25	0	19.74	19.67	20.11	21.00
	64QAM	1	0	19.35	19.46	19.80	21.00
		1	13	19.48	19.49	19.95	21.00
		1	24	19.96	19.12	20.03	21.00
		12	0	19.43	19.55	19.86	21.00
		12	6	19.60	19.68	19.59	21.00
		12	13	19.43	19.53	19.75	21.00
		25	0	19.32	19.02	19.64	21.00
	256QAM	1	0	18.94	18.96	18.85	20.50
		1	13	18.92	18.89	18.96	20.50
		1	24	18.86	18.95	19.11	20.50
		12	0	19.01	18.83	18.93	20.50
		12	6	18.95	18.96	18.91	20.50
		12	13	18.94	19.05	18.99	20.50
		25	0	19.03	18.82	18.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	19.60	19.98	20.04	21.00
		1	25	19.79	19.63	20.00	21.00
		1	49	19.40	19.46	19.69	21.00
		25	0	19.86	19.51	20.18	21.00
		25	13	19.33	19.50	19.63	21.00
		25	25	19.62	19.56	19.95	21.00
		50	0	19.75	19.80	19.73	21.00
	16QAM	1	0	19.28	19.43	19.72	21.00
		1	25	19.88	19.44	20.09	21.00
		1	49	19.54	19.39	19.80	21.00
		25	0	19.44	19.13	19.63	21.00
		25	13	19.55	19.59	19.75	21.00
		25	25	19.82	19.65	20.10	21.00
		50	0	19.66	19.63	19.97	21.00
	64QAM	1	0	19.49	19.51	19.77	21.00
		1	25	19.61	19.52	19.81	21.00
		1	49	19.89	19.19	20.03	21.00
		25	0	19.35	19.55	19.66	21.00
		25	13	19.58	19.53	19.57	21.00
		25	25	19.26	19.64	19.64	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	256QAM	50	0	19.44	19.13	19.77	21.00	
		1	0	18.89	18.96	18.85	20.50	
		1	25	19.01	18.94	19.05	20.50	
		1	49	18.80	19.04	19.00	20.50	
		25	0	19.00	18.82	18.89	20.50	
		25	13	19.00	19.04	18.95	20.50	
		25	25	19.00	19.11	19.00	20.50	
	50	0	18.99	18.80	18.83	20.50		
	15MHz	QPSK	1	0	19.54	19.96	19.92	21.00
			1	38	19.82	19.69	20.11	21.00
			1	74	19.48	19.46	19.79	21.00
			36	0	19.82	19.53	19.98	21.00
			36	18	19.42	19.33	19.67	21.00
			36	39	19.54	19.67	19.94	21.00
			75	0	19.70	19.91	19.87	21.00
		16QAM	1	0	19.19	19.54	19.71	21.00
			1	38	19.98	19.55	19.91	21.00
			1	74	19.60	19.38	19.97	21.00
			36	0	19.35	19.25	19.70	21.00
			36	18	19.62	19.56	19.81	21.00
			36	39	19.74	19.70	20.05	21.00
			75	0	19.70	19.64	19.95	21.00
		64QAM	1	0	19.51	19.53	19.89	21.00
			1	38	19.53	19.61	19.92	21.00
			1	74	19.75	19.15	19.94	21.00
			36	0	19.37	19.63	19.82	21.00
			36	18	19.66	19.51	19.70	21.00
			36	39	19.30	19.46	19.67	21.00
75			0	19.47	19.07	19.57	21.00	
256QAM		1	0	18.90	18.99	18.95	20.50	
		1	38	18.95	18.88	19.03	20.50	
		1	74	18.85	19.03	19.11	20.50	
		36	0	18.88	18.82	18.86	20.50	
		36	18	19.05	18.95	18.97	20.50	
		36	39	18.98	19.02	19.07	20.50	
		75	0	18.94	18.81	18.78	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37850	38000	38150		
20MHz	QPSK	1	0	19.64	20.34	19.92	21.00	
		1	50	19.74	19.60	20.14	21.00	
		1	99	19.44	19.41	19.63	21.00	
		50	0	19.79	19.53	19.98	21.00	
		50	25	19.35	19.47	19.81	21.00	
		50	50	19.43	19.68	19.92	21.00	
		100	0	19.79	19.71	19.68	21.00	
	16QAM	1	0	19.16	19.48	19.81	21.00	
		1	50	19.88	19.36	19.93	21.00	
		1	99	19.63	19.44	19.85	21.00	
		50	0	19.46	19.33	19.52	21.00	

		50	25	19.68	19.71	19.72	21.00
		50	50	19.80	19.66	19.98	21.00
		100	0	19.73	19.53	19.98	21.00
	64QAM	1	0	19.51	19.57	19.77	21.00
		1	50	19.49	19.62	19.82	21.00
		1	99	19.81	19.01	19.95	21.00
		50	0	19.32	19.66	19.72	21.00
		50	25	19.74	19.61	19.52	21.00
		50	50	19.25	19.48	19.66	21.00
		100	0	19.30	19.03	19.56	21.00
	256QAM	1	0	18.87	19.04	18.85	20.50
		1	50	18.94	18.94	19.05	20.50
		1	99	18.75	19.00	19.08	20.50
		50	0	18.90	18.82	18.93	20.50
		50	25	18.94	18.94	18.87	20.50
		50	50	18.98	19.15	19.01	20.50
		100	0	18.95	18.78	18.84	20.50

LTE Band 41 ENDC 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	17.12	17.39	17.15	17.38	16.99	18.00
		1	13	17.47	17.18	17.38	17.34	17.44	18.00
		1	24	17.11	16.93	16.86	16.91	16.93	18.00
		12	0	17.54	17.21	17.30	17.01	17.33	18.00
		12	6	17.14	16.95	17.01	16.91	17.02	18.00
		12	13	17.22	17.30	17.34	17.29	17.37	18.00
		25	0	17.42	17.42	17.24	17.50	17.08	18.00
	16QAM	1	0	16.76	17.13	16.76	17.02	16.72	18.00
		1	13	17.61	17.08	17.41	17.16	17.45	18.00
		1	24	17.06	17.01	16.79	16.97	16.86	18.00
		12	0	16.98	16.79	17.13	16.83	17.23	18.00
		12	6	17.31	17.16	17.14	17.24	16.99	18.00
		12	13	17.43	17.17	17.23	17.23	17.14	18.00
		25	0	17.22	17.16	17.40	17.13	17.43	18.00
	64QAM	1	0	17.07	17.12	17.25	17.26	17.16	18.00
		1	13	17.18	17.23	17.00	17.08	17.22	18.00
		1	24	17.55	16.58	17.30	16.63	17.15	18.00
		12	0	17.02	17.17	17.35	17.13	17.37	18.00
		12	6	17.35	17.25	17.23	17.22	17.13	18.00
		12	13	16.99	17.05	17.26	17.12	17.31	18.00
		25	0	16.89	16.65	17.29	16.58	17.24	18.00
	256QAM	1	0	17.04	17.05	16.90	16.89	16.87	18.00
		1	13	16.84	16.79	16.76	16.86	16.77	18.00
		1	24	16.87	16.84	17.12	16.83	17.23	18.00
		12	0	17.00	16.79	16.96	16.58	16.86	18.00
		12	6	17.16	16.88	16.79	16.94	16.87	18.00
		12	13	16.83	17.01	16.85	17.05	16.72	18.00
		25	0	16.96	16.84	16.93	16.89	16.97	18.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39700	40160	40620	41080	41540		
10MHz	QPSK	1	0	17.21	17.39	17.01	17.47	17.00	18.00	
		1	25	17.46	17.38	17.46	17.28	17.34	18.00	
		1	49	16.97	16.94	16.70	16.99	16.71	18.00	
		25	0	17.55	17.03	17.30	17.06	17.42	18.00	
		25	13	16.98	17.06	16.92	16.94	17.06	18.00	
		25	25	17.12	17.29	17.18	17.10	17.38	18.00	
	16QAM	50	0	17.27	17.41	17.09	17.45	17.09	18.00	
		1	0	16.76	16.99	16.86	17.09	16.71	18.00	
		1	25	17.50	17.10	17.38	17.03	17.42	18.00	
		1	49	17.23	16.93	16.92	17.04	16.94	18.00	
		25	0	17.13	16.87	17.16	16.82	17.29	18.00	
		25	13	17.19	17.23	16.99	17.22	17.04	18.00	
	64QAM	25	25	17.34	17.25	17.29	17.29	17.23	18.00	
		50	0	17.27	17.19	17.35	17.29	17.41	18.00	
		1	0	17.02	17.14	17.07	17.15	17.23	18.00	
		1	25	17.21	17.20	17.14	17.10	17.07	18.00	
		1	49	17.45	16.68	17.09	16.58	17.10	18.00	
		25	0	16.86	17.20	17.48	17.13	17.30	18.00	
	256QAM	25	13	17.28	17.23	17.26	17.32	17.16	18.00	
		25	25	16.93	17.24	17.27	17.14	17.33	18.00	
		50	0	17.03	16.74	17.28	16.60	17.23	18.00	
		1	0	16.83	17.02	16.73	16.91	16.71	18.00	
		1	25	16.80	16.83	16.78	16.86	16.85	18.00	
		1	49	16.82	16.92	17.14	16.76	17.11	18.00	
	15MHz	QPSK	25	0	16.88	16.76	16.86	16.79	16.95	18.00
			25	13	16.99	16.83	16.75	16.90	16.85	18.00
			25	25	16.95	16.96	16.78	16.90	16.73	18.00
			50	0	16.92	16.86	16.95	16.73	16.96	18.00
			1	0	17.17	17.55	17.09	17.38	17.13	18.00
			1	38	17.53	17.23	17.26	17.22	17.46	18.00
16QAM		1	74	17.13	17.11	16.81	16.99	16.81	18.00	
		36	0	17.38	17.18	17.21	16.98	17.34	18.00	
		36	18	17.02	17.08	17.14	16.92	16.93	18.00	
		36	39	17.24	17.24	17.31	17.22	17.32	18.00	
		75	0	17.24	17.51	17.18	17.44	17.30	18.00	
		1	0	16.82	17.12	16.80	17.12	16.86	18.00	
64QAM		1	38	17.55	17.04	17.44	17.17	17.34	18.00	
		1	74	17.13	16.97	16.97	17.01	16.92	18.00	
		36	0	16.95	16.84	17.28	16.87	17.22	18.00	
		36	18	17.15	17.17	17.21	17.37	17.15	18.00	
		36	39	17.30	17.19	17.30	17.30	17.24	18.00	
		75	0	17.29	17.25	17.26	17.27	17.19	18.00	
15MHz	64QAM	1	0	17.07	17.13	17.07	17.21	17.18	18.00	
		1	38	17.15	17.19	17.18	17.07	17.14	18.00	
		1	74	17.50	16.58	17.08	16.69	17.14	18.00	
		36	0	16.86	17.23	17.35	17.19	17.26	18.00	
		36	18	17.28	17.12	17.28	17.31	17.27	18.00	
		36	39	17.30	17.19	17.30	17.30	17.24	18.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	256QAM	36	39	17.02	17.10	17.21	17.08	17.24	18.00	
		75	0	16.94	16.55	17.28	16.75	17.17	18.00	
		1	0	17.06	16.86	16.82	16.91	16.82	18.00	
		1	38	16.98	16.88	16.86	16.75	16.77	18.00	
		1	74	16.92	16.95	17.25	16.86	17.28	18.00	
		36	0	17.09	16.58	16.87	16.60	16.89	18.00	
		36	18	17.06	16.90	16.73	16.93	16.66	18.00	
		36	39	16.87	17.05	16.93	17.04	16.80	18.00	
	75	0	16.85	16.80	16.83	16.97	16.83	18.00		
	20MHz	QPSK	1	0	17.22	17.46	17.76	17.53	16.96	18.00
			1	50	17.38	17.33	17.43	17.31	17.41	18.00
			1	99	17.03	16.95	16.74	17.06	16.76	18.00
			50	0	17.58	17.07	17.38	16.98	17.23	18.00
			50	25	16.96	17.10	17.02	16.98	16.92	18.00
			50	50	17.24	17.24	17.38	17.20	17.19	18.00
			100	0	17.23	17.36	17.08	17.50	17.24	18.00
		16QAM	1	0	16.96	16.96	16.86	17.02	16.78	18.00
			1	50	17.47	16.98	17.46	17.11	17.30	18.00
			1	99	17.06	17.05	17.00	16.88	16.83	18.00
			50	0	17.12	16.81	17.27	16.93	17.15	18.00
			50	25	17.30	17.22	17.05	17.15	17.15	18.00
			50	50	17.34	17.23	17.29	17.13	17.15	18.00
			100	0	17.32	17.15	17.36	17.22	17.36	18.00
		64QAM	1	0	16.98	17.08	17.09	17.16	17.09	18.00
			1	50	17.08	17.10	16.99	17.26	17.20	18.00
			1	99	17.34	16.80	17.19	16.70	17.16	18.00
			50	0	16.90	17.11	17.37	17.11	17.46	18.00
			50	25	17.40	17.13	17.12	17.30	17.23	18.00
50			50	16.85	17.25	17.34	17.21	17.23	18.00	
100			0	17.04	16.61	17.39	16.56	17.36	18.00	
256QAM		1	0	16.95	16.92	16.79	16.96	16.81	18.00	
		1	50	16.96	16.84	16.96	16.78	16.91	18.00	
		1	99	16.87	16.91	17.13	16.91	17.10	18.00	
		50	0	16.98	16.77	16.97	16.64	16.99	18.00	
		50	25	16.94	16.74	16.86	16.88	16.81	18.00	
		50	50	16.78	16.95	16.84	17.07	16.92	18.00	
		100	0	16.96	16.96	16.77	16.91	16.86	18.00	

LTE Band 41 ENDC 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	19.97	19.82	20.06	19.84	19.76	21.00
		1	13	19.83	19.65	20.12	19.57	19.72	21.00
		1	24	19.40	19.47	19.77	19.44	19.33	21.00
		12	0	19.83	19.59	20.17	19.60	19.88	21.00
		12	6	19.42	19.42	19.80	19.42	19.52	21.00
		12	13	19.46	19.62	20.00	19.58	19.61	21.00

	16QAM	25	0	19.63	19.89	19.79	19.72	19.66	21.00	
		1	0	19.23	19.41	19.65	19.55	19.25	21.00	
		1	13	19.88	19.55	20.03	19.37	19.90	21.00	
		1	24	19.50	19.40	19.78	19.35	19.50	21.00	
		12	0	19.32	19.28	19.61	19.17	19.54	21.00	
		12	6	19.68	19.67	19.77	19.57	19.58	21.00	
		12	13	19.73	19.67	19.87	19.67	19.71	21.00	
	64QAM	25	0	19.54	19.50	20.05	19.71	19.67	21.00	
		1	0	19.50	19.45	19.73	19.64	19.41	21.00	
		1	13	19.68	19.63	19.78	19.68	19.65	21.00	
		1	24	19.83	19.15	20.03	19.00	19.85	21.00	
		12	0	19.47	19.52	19.69	19.61	19.35	21.00	
		12	6	19.75	19.48	19.73	19.63	19.80	21.00	
		12	13	19.36	19.50	19.77	19.58	19.42	21.00	
	256QAM	25	0	19.27	19.07	19.75	19.02	19.44	21.00	
		1	0	18.78	18.78	18.91	18.96	18.98	20.00	
		1	13	18.84	18.81	18.93	18.97	19.04	20.00	
		1	24	18.72	18.85	18.84	18.98	19.05	20.00	
		12	0	18.77	18.72	18.96	18.83	18.95	20.00	
		12	6	18.79	18.76	19.02	19.04	18.98	20.00	
		12	13	18.84	18.79	19.07	19.11	19.06	20.00	
	25	0	18.62	18.84	18.97	18.82	18.80	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
	10MHz	QPSK	1	0	19.96	19.93	19.96	19.83	19.83	21.00
1			25	19.84	19.67	20.01	19.58	19.87	21.00	
1			49	19.47	19.43	19.60	19.54	19.43	21.00	
25			0	19.96	19.60	20.10	19.57	19.89	21.00	
25			13	19.49	19.34	19.87	19.46	19.38	21.00	
25			25	19.51	19.57	19.87	19.63	19.50	21.00	
50			0	19.69	19.79	19.77	19.84	19.74	21.00	
16QAM		1	0	19.25	19.50	19.63	19.57	19.34	21.00	
		1	25	20.03	19.53	20.03	19.56	20.02	21.00	
		1	49	19.41	19.44	19.77	19.28	19.54	21.00	
		25	0	19.51	19.21	19.63	19.31	19.46	21.00	
		25	13	19.70	19.71	19.74	19.54	19.65	21.00	
		25	25	19.78	19.48	19.87	19.62	19.74	21.00	
		50	0	19.72	19.66	20.01	19.51	19.57	21.00	
64QAM		1	0	19.35	19.42	19.82	19.45	19.48	21.00	
		1	25	19.66	19.61	20.01	19.56	19.60	21.00	
		1	49	19.77	19.18	20.05	19.12	19.75	21.00	
		25	0	19.45	19.67	19.81	19.61	19.38	21.00	
		25	13	19.71	19.52	19.53	19.54	19.74	21.00	
		25	25	19.36	19.45	19.64	19.47	19.36	21.00	
		50	0	19.29	19.13	19.61	19.06	19.44	21.00	
256QAM		1	0	18.66	18.85	18.84	18.92	18.93	20.00	
		1	25	18.83	18.80	18.88	18.98	18.92	20.00	
		1	49	18.69	18.81	18.80	19.04	19.10	20.00	
		25	0	18.81	18.77	18.93	18.87	18.88	20.00	
	25	13	18.71	18.73	19.01	18.97	18.89	20.00		
	25	25	18.75	18.78	19.02	19.09	19.08	20.00		

Bandwidth	Modulation	50	0	18.68	18.75	19.01	18.79	18.86	20.00	
		RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up	
15MHz	QPSK	1	0	19.98	20.00	19.92	19.87	19.89	21.00	
		1	38	19.72	19.67	20.02	19.57	19.88	21.00	
		1	74	19.47	19.48	19.60	19.43	19.52	21.00	
		36	0	19.96	19.50	20.02	19.38	19.93	21.00	
		36	18	19.52	19.31	19.65	19.44	19.46	21.00	
		36	39	19.61	19.50	19.93	19.57	19.50	21.00	
	16QAM	75	0	19.63	19.78	19.84	19.94	19.84	21.00	
		1	0	19.36	19.51	19.64	19.49	19.37	21.00	
		1	38	20.00	19.55	19.88	19.50	19.89	21.00	
		1	74	19.62	19.43	19.96	19.51	19.43	21.00	
		36	0	19.45	19.10	19.56	19.32	19.38	21.00	
		36	18	19.54	19.73	19.69	19.68	19.55	21.00	
	64QAM	36	39	19.70	19.69	20.06	19.51	19.76	21.00	
		75	0	19.58	19.66	20.01	19.60	19.56	21.00	
		1	0	19.34	19.60	19.86	19.63	19.41	21.00	
		1	38	19.49	19.49	19.99	19.64	19.65	21.00	
		1	74	19.85	19.06	19.96	19.01	19.92	21.00	
		36	0	19.50	19.57	19.81	19.58	19.45	21.00	
	256QAM	36	18	19.65	19.71	19.57	19.66	19.76	21.00	
		36	39	19.28	19.59	19.58	19.49	19.37	21.00	
		75	0	19.27	19.08	19.65	19.07	19.38	21.00	
		1	0	18.75	18.81	18.87	19.02	18.93	20.00	
		1	38	18.82	18.80	18.97	18.91	18.93	20.00	
		1	74	18.66	18.73	18.78	19.05	19.05	20.00	
	20MHz	QPSK	36	0	18.83	18.81	18.89	18.85	18.97	20.00
			36	18	18.80	18.72	19.07	19.05	18.91	20.00
	36		39	18.78	18.81	19.08	19.12	18.97	20.00	
	75		0	18.70	18.70	18.95	18.81	18.79	20.00	
16QAM	1		0	19.89	19.77	20.42	19.98	19.75	21.00	
	1		50	19.74	19.78	20.20	19.66	19.90	21.00	
	1	99	19.43	19.53	19.63	19.43	19.37	21.00		
	50	0	19.99	19.46	20.06	19.45	19.91	21.00		
	50	25	19.52	19.47	19.77	19.54	19.36	21.00		
	50	50	19.44	19.52	19.92	19.63	19.64	21.00		
64QAM	100	0	19.61	19.90	19.79	19.85	19.63	21.00		
	1	0	19.32	19.39	19.66	19.56	19.31	21.00		
	1	50	19.94	19.41	20.07	19.34	20.00	21.00		
	1	99	19.59	19.31	19.99	19.48	19.43	21.00		
	50	0	19.47	19.28	19.63	19.24	19.53	21.00		
	50	25	19.70	19.76	19.63	19.77	19.66	21.00		
20MHz	16QAM	50	50	19.63	19.56	20.08	19.58	19.79	21.00	
		100	0	19.59	19.47	20.08	19.66	19.59	21.00	
		1	0	19.45	19.49	19.79	19.55	19.45	21.00	
		1	50	19.48	19.68	19.92	19.55	19.57	21.00	
20MHz	64QAM	1	99	19.76	19.03	19.98	19.10	19.85	21.00	
		50	0	19.44	19.49	19.66	19.60	19.42	21.00	



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		50	25	19.81	19.53	19.64	19.53	19.65	21.00
		50	50	19.22	19.47	19.59	19.56	19.24	21.00
		100	0	19.41	19.15	19.80	19.05	19.27	21.00
	256QAM	1	0	18.68	18.83	18.83	19.04	18.96	20.00
		1	50	18.83	18.68	18.91	18.92	19.01	20.00
		1	99	18.77	18.83	18.78	19.02	19.07	20.00
		50	0	18.79	18.72	18.94	18.86	18.85	20.00
		50	25	18.78	18.72	19.05	18.99	18.89	20.00
		50	50	18.76	18.86	19.03	19.02	19.08	20.00
		100	0	18.73	18.69	19.01	18.80	18.84	20.00

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## 8 Conducted Power of ENDC\_LTE Antenna(Ant3)

### 8.1 Conducted Power of LTE

LTE Band 7 ENDC				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	23.95	24.17	23.84	25.50	
		1	13	24.06	23.94	24.06	25.50	
		1	24	23.98	23.95	23.80	25.50	
		12	0	22.90	23.17	23.03	24.50	
		12	6	23.18	23.03	23.17	24.50	
		12	13	23.12	22.98	22.93	24.50	
	16QAM	25	0	23.13	23.17	23.03	24.50	
		1	0	23.03	22.89	23.13	24.50	
		1	13	22.90	23.13	22.88	24.50	
		1	24	23.12	23.21	23.11	24.50	
		12	0	22.02	22.22	22.10	23.50	
		12	6	22.11	22.08	21.96	23.50	
	64QAM	12	13	22.07	22.14	22.08	23.50	
		25	0	22.12	21.87	22.16	23.50	
		1	0	21.91	22.05	22.06	23.50	
		1	13	21.77	21.81	21.86	23.50	
		1	24	21.96	21.83	22.13	23.50	
		12	0	21.33	21.22	21.19	22.50	
	256QAM	12	6	21.27	21.21	21.18	22.50	
		12	13	21.47	21.31	21.40	22.50	
		25	0	21.46	21.31	21.41	22.50	
		1	0	19.27	19.32	19.09	20.50	
		1	13	19.28	19.25	19.23	20.50	
		1	24	19.21	19.37	19.40	20.50	
10MHz	QPSK	12	0	19.37	19.12	19.17	20.50	
		12	6	19.23	19.24	19.07	20.50	
		12	13	19.22	19.31	19.47	20.50	
		25	0	19.32	19.16	19.13	20.50	
		1	0	24.00	24.09	23.90	25.50	
		1	25	24.00	23.87	23.86	25.50	
	16QAM	1	49	23.99	23.98	23.85	25.50	
		25	0	22.90	23.07	22.96	24.50	
		25	13	23.13	22.99	23.09	24.50	
		25	25	23.16	23.05	23.12	24.50	
		50	0	22.99	23.15	23.15	24.50	
		1	0	23.09	23.03	23.05	24.50	
	64QAM	1	25	22.96	23.18	22.90	24.50	
		1	49	22.92	23.02	23.14	24.50	
		25	0	22.09	22.21	22.07	23.50	
		25	13	22.06	21.99	22.02	23.50	
		25	25	22.01	22.04	22.19	23.50	
		50	0	21.98	21.94	22.00	23.50	
		64QAM	1	0	22.08	22.05	22.09	23.50
			1	25	21.88	21.83	21.97	23.50
			1	49	22.01	21.79	22.01	23.50
			25	0	21.22	21.25	21.26	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	256QAM	25	13	21.15	21.11	21.03	22.50	
		25	25	21.34	21.32	21.35	22.50	
		50	0	21.45	21.28	21.32	22.50	
		1	0	19.24	19.28	19.10	20.50	
		1	25	19.33	19.33	19.16	20.50	
		1	49	19.14	19.43	19.39	20.50	
		25	0	19.27	19.03	19.27	20.50	
		25	13	19.26	19.28	19.10	20.50	
		25	25	19.15	19.32	19.42	20.50	
	50	0	19.27	19.16	19.04	20.50		
	15MHz	QPSK	1	0	23.99	24.04	23.98	25.50
			1	38	23.95	24.02	23.89	25.50
			1	74	23.90	23.90	23.82	25.50
			36	0	23.07	23.22	23.10	24.50
			36	18	23.16	22.97	23.21	24.50
			36	39	23.07	23.09	23.04	24.50
			75	0	22.97	23.05	23.07	24.50
		16QAM	1	0	23.10	22.95	23.23	24.50
1			38	22.82	23.21	22.85	24.50	
1			74	22.97	23.06	23.00	24.50	
36			0	22.04	22.09	22.04	23.50	
36			18	22.00	22.07	21.99	23.50	
36			39	22.10	22.07	22.19	23.50	
75			0	22.07	21.84	21.99	23.50	
64QAM		1	0	22.08	21.98	22.02	23.50	
		1	38	21.78	21.80	21.85	23.50	
		1	74	21.82	21.74	22.16	23.50	
		36	0	21.21	21.14	21.22	22.50	
		36	18	21.12	21.24	21.13	22.50	
		36	39	21.37	21.37	21.43	22.50	
		75	0	21.36	21.34	21.45	22.50	
256QAM		1	0	19.21	19.28	19.16	20.50	
		1	38	19.36	19.23	19.28	20.50	
		1	74	19.24	19.37	19.39	20.50	
		36	0	19.31	19.04	19.28	20.50	
		36	18	19.33	19.27	19.09	20.50	
		36	39	19.13	19.36	19.48	20.50	
	75	0	19.25	19.23	19.05	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	0	24.10	24.23	23.96	25.50	
		1	50	24.05	23.83	24.04	25.50	
		1	99	23.94	24.02	23.84	25.50	
		50	0	23.07	23.33	22.99	24.50	
		50	25	23.08	23.02	23.03	24.50	
		50	50	23.19	23.01	22.97	24.50	
		100	0	23.01	23.22	23.06	24.50	
	16QAM	1	0	23.08	22.90	23.20	24.50	
		1	50	22.87	23.18	22.80	24.50	
		1	99	23.03	23.01	22.94	24.50	
		50	0	22.10	22.29	22.01	23.50	
		50	25	22.06	22.01	22.06	23.50	
		50	50	22.11	22.05	22.13	23.50	

	64QAM	100	0	22.01	22.05	22.16	23.50
		1	0	21.96	22.00	22.14	23.50
		1	50	21.76	21.71	21.78	23.50
		1	99	21.93	21.90	21.98	23.50
		50	0	21.23	21.26	21.11	22.50
		50	25	21.22	21.12	21.06	22.50
		50	50	21.48	21.36	21.32	22.50
	256QAM	100	0	21.37	21.36	21.33	22.50
		1	0	19.15	19.38	19.04	20.50
		1	50	19.31	19.29	19.23	20.50
		1	99	19.25	19.36	19.46	20.50
		50	0	19.28	19.03	19.25	20.50
		50	25	19.30	19.26	19.07	20.50
		50	50	19.25	19.34	19.44	20.50
		100	0	19.25	19.24	19.10	20.50

		LTE Band 7 ENDC Sensor on & Hotspot on		Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.38	17.54	17.57	18.50
		1	13	17.46	17.35	17.74	18.50
		1	24	17.13	16.95	17.37	18.50
		12	0	17.52	16.97	17.71	18.50
		12	6	17.09	16.91	17.27	18.50
		12	13	17.26	17.24	17.61	18.50
		25	0	17.36	17.49	17.38	18.50
	16QAM	1	0	16.78	17.14	17.36	18.50
		1	13	17.57	17.15	17.64	18.50
		1	24	17.12	17.01	17.50	18.50
		12	0	17.02	16.80	17.19	18.50
		12	6	17.12	17.33	17.39	18.50
		12	13	17.42	17.27	17.47	18.50
		25	0	17.11	17.26	17.57	18.50
	64QAM	1	0	17.14	17.05	17.43	18.50
		1	13	17.14	17.08	17.52	18.50
		1	24	17.43	16.63	17.50	18.50
		12	0	16.87	17.05	17.42	18.50
		12	6	17.34	17.17	17.18	18.50
		12	13	16.86	17.13	17.16	18.50
		25	0	17.04	16.72	17.32	18.50
	256QAM	1	0	17.11	17.16	17.33	18.50
		1	13	17.29	17.14	17.51	18.50
		1	24	17.41	16.65	17.55	18.50
		12	0	16.97	17.06	17.38	18.50
		12	6	17.20	17.32	17.14	18.50
		12	13	16.85	17.22	17.26	18.50
		25	0	16.99	16.63	17.23	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20800	21100	21400	18.50

		1	25	17.34	17.16	17.68	18.50	
		1	49	17.09	16.91	17.35	18.50	
		25	0	17.55	16.99	17.65	18.50	
		25	13	17.08	16.91	17.36	18.50	
		25	25	17.08	17.21	17.49	18.50	
		50	0	17.40	17.43	17.28	18.50	
	16QAM	1	0	16.74	17.18	17.30	18.50	
		1	25	17.69	17.00	17.48	18.50	
		1	49	17.02	16.98	17.40	18.50	
		25	0	17.12	16.92	17.28	18.50	
		25	13	17.32	17.16	17.38	18.50	
		25	25	17.31	17.21	17.56	18.50	
	64QAM	50	0	17.25	17.19	17.67	18.50	
		1	0	17.05	17.02	17.39	18.50	
		1	25	17.23	17.25	17.60	18.50	
		1	49	17.42	16.79	17.48	18.50	
		25	0	16.91	17.15	17.33	18.50	
		25	13	17.40	17.25	17.26	18.50	
	256QAM	25	25	17.00	17.21	17.15	18.50	
		50	0	16.88	16.75	17.36	18.50	
		1	0	16.99	17.06	17.32	18.50	
		1	25	17.11	17.19	17.47	18.50	
		1	49	17.34	16.70	17.68	18.50	
		25	0	16.96	17.10	17.38	18.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20825	21100	21375	
	<b>15MHz</b>	QPSK	1	0	17.42	17.38	17.60	18.50
			1	38	17.42	17.37	17.64	18.50
1			74	17.07	17.12	17.38	18.50	
36			0	17.43	17.18	17.60	18.50	
36			18	17.09	16.96	17.35	18.50	
36			39	17.17	17.07	17.60	18.50	
75			0	17.42	17.42	17.31	18.50	
16QAM		1	0	16.83	17.18	17.40	18.50	
		1	38	17.68	17.03	17.53	18.50	
		1	74	17.02	17.06	17.55	18.50	
		36	0	17.00	16.90	17.18	18.50	
		36	18	17.24	17.13	17.31	18.50	
		36	39	17.28	17.28	17.59	18.50	
		75	0	17.33	17.15	17.52	18.50	
64QAM		1	0	17.00	17.14	17.29	18.50	
		1	38	17.18	17.07	17.40	18.50	
		1	74	17.43	16.72	17.60	18.50	
		36	0	16.88	17.17	17.45	18.50	
		36	18	17.27	17.17	17.32	18.50	
		36	39	16.88	17.08	17.18	18.50	
		75	0	17.04	16.68	17.32	18.50	
256QAM		1	0	17.09	17.02	17.48	18.50	





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	38	17.27	17.29	17.45	18.50
		1	74	17.57	16.68	17.50	18.50
		36	0	16.95	17.15	17.39	18.50
		36	18	17.25	17.16	17.15	18.50
		36	39	16.99	17.19	17.18	18.50
		75	0	17.07	16.75	17.29	18.50
	16QAM	1	0	17.45	17.82	17.52	18.50
		1	50	17.35	17.38	17.67	18.50
		1	99	17.03	17.07	17.24	18.50
		50	0	17.53	17.07	17.75	18.50
		50	25	17.06	17.07	17.30	18.50
		50	50	17.11	17.22	17.56	18.50
	64QAM	100	0	17.39	17.35	17.38	18.50
		1	0	16.96	17.05	17.25	18.50
		1	50	17.64	17.06	17.65	18.50
		1	99	17.02	16.90	17.60	18.50
		50	0	17.04	16.71	17.14	18.50
		50	25	17.28	17.22	17.31	18.50
	256QAM	50	50	17.20	17.24	17.50	18.50
		100	0	17.30	17.09	17.50	18.50
		1	0	17.00	17.16	17.35	18.50
		1	50	17.29	17.05	17.42	18.50
		1	99	17.49	16.79	17.62	18.50
		50	0	17.08	17.24	17.42	18.50
	16QAM	50	25	17.33	17.08	17.25	18.50
		50	50	16.96	17.15	17.30	18.50
		100	0	16.96	16.60	17.31	18.50
		1	0	16.91	17.24	17.32	18.50
		1	50	17.09	17.23	17.58	18.50
		1	99	17.47	16.58	17.69	18.50
256QAM	50	0	16.97	17.24	17.29	18.50	
	50	25	17.27	17.26	17.23	18.50	
	50	50	16.91	17.23	17.25	18.50	
	100	0	17.08	16.58	17.25	18.50	

LTE Band 38 ENDC 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	19.88	20.01	20.18	20.50
		1	13	20.01	19.91	20.12	20.50
		1	24	19.50	19.44	19.87	20.50
		12	0	19.95	19.53	20.27	20.50
		12	6	19.59	19.61	19.95	20.50
		12	13	19.76	19.61	19.96	20.50
		25	0	19.77	19.82	19.94	20.50
	16QAM	1	0	19.37	19.51	19.82	20.50
		1	13	20.21	19.63	20.05	20.50

		1	24	19.60	19.59	19.93	20.50	
		12	0	19.61	19.26	19.68	20.50	
		12	6	19.68	19.67	19.80	20.50	
		12	13	19.77	19.75	20.00	20.50	
		25	0	19.67	19.59	20.06	20.50	
	64QAM	1	0	19.63	19.62	19.84	20.50	
		1	13	19.58	19.73	20.05	20.50	
		1	24	19.89	19.15	20.09	20.50	
		12	0	19.37	19.75	19.82	20.50	
		12	6	19.87	19.64	19.65	20.50	
	256QAM	12	13	19.47	19.74	19.76	20.50	
		25	0	19.49	19.13	19.71	20.50	
		1	0	18.57	18.85	18.61	19.50	
		1	13	18.68	18.75	18.66	19.50	
		1	24	18.57	18.82	18.84	19.50	
		12	0	18.74	18.55	18.57	19.50	
		12	6	18.51	18.63	18.54	19.50	
		12	13	18.65	18.70	18.83	19.50	
		25	0	18.61	18.48	18.59	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37800	38000	38200	
<b>10MHz</b>	QPSK	1	0	20.07	20.08	20.23	20.50	
		1	25	19.94	19.88	20.29	20.50	
		1	49	19.49	19.63	19.71	20.50	
		25	0	20.11	19.51	20.24	20.50	
		25	13	19.55	19.57	19.86	20.50	
		25	25	19.77	19.70	20.05	20.50	
		50	0	19.81	19.87	19.76	20.50	
	16QAM	1	0	19.30	19.64	19.89	20.50	
		1	25	20.13	19.48	20.01	20.50	
		1	49	19.59	19.56	19.89	20.50	
		25	0	19.60	19.43	19.62	20.50	
		25	13	19.78	19.86	19.92	20.50	
		25	25	19.86	19.66	19.99	20.50	
		50	0	19.64	19.79	20.00	20.50	
	64QAM	1	0	19.51	19.54	19.85	20.50	
		1	25	19.56	19.78	19.95	20.50	
		1	49	19.85	19.23	20.03	20.50	
		25	0	19.55	19.68	19.97	20.50	
		25	13	19.84	19.60	19.65	20.50	
		25	25	19.42	19.57	19.69	20.50	
		50	0	19.47	19.12	19.70	20.50	
	256QAM	1	0	18.56	18.75	18.61	19.50	
		1	25	18.69	18.70	18.72	19.50	
		1	49	18.46	18.87	18.77	19.50	
		25	0	18.74	18.51	18.66	19.50	
		25	13	18.62	18.55	18.51	19.50	
		25	25	18.68	18.70	18.86	19.50	
		50	0	18.74	18.56	18.66	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					37825	38000	38175	

<b>15MHz</b>	QPSK	1	0	19.99	20.02	20.18	20.50
		1	38	19.88	20.01	20.27	20.50
		1	74	19.65	19.62	19.82	20.50
		36	0	20.04	19.66	20.26	20.50
		36	18	19.55	19.53	19.91	20.50
		36	39	19.76	19.62	20.06	20.50
		75	0	19.71	19.85	19.97	20.50
	16QAM	1	0	19.45	19.56	19.79	20.50
		1	38	20.07	19.46	20.07	20.50
		1	74	19.51	19.38	20.06	20.50
		36	0	19.45	19.37	19.67	20.50
		36	18	19.66	19.72	19.74	20.50
		36	39	19.80	19.72	19.98	20.50
		75	0	19.68	19.68	20.00	20.50
	64QAM	1	0	19.52	19.52	19.86	20.50
		1	38	19.72	19.59	20.11	20.50
		1	74	19.98	19.16	20.17	20.50
		36	0	19.38	19.58	19.88	20.50
		36	18	19.87	19.82	19.75	20.50
		36	39	19.41	19.68	19.88	20.50
		75	0	19.52	19.06	19.88	20.50
	256QAM	1	0	18.70	18.75	18.51	19.50
		1	38	18.58	18.61	18.64	19.50
		1	74	18.59	18.84	18.80	19.50
		36	0	18.74	18.50	18.60	19.50
		36	18	18.59	18.60	18.50	19.50
		36	39	18.67	18.70	18.87	19.50
		75	0	18.63	18.57	18.55	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	19.97	20.29	20.15	20.50
		1	50	19.83	19.96	20.10	20.50
		1	99	19.55	19.59	19.68	20.50
		50	0	19.96	19.60	20.08	20.50
		50	25	19.64	19.50	19.95	20.50
		50	50	19.61	19.62	19.93	20.50
		100	0	19.94	19.98	19.93	20.50
	16QAM	1	0	19.47	19.47	19.92	20.50
		1	50	20.13	19.57	20.19	20.50
		1	99	19.55	19.60	20.08	20.50
		50	0	19.51	19.22	19.70	20.50
		50	25	19.76	19.75	19.73	20.50
		50	50	19.78	19.60	20.16	20.50
		100	0	19.81	19.65	20.14	20.50
	64QAM	1	0	19.41	19.61	19.95	20.50
		1	50	19.79	19.65	19.94	20.50
		1	99	20.00	19.30	20.03	20.50
		50	0	19.47	19.54	19.89	20.50
		50	25	19.91	19.62	19.83	20.50
		50	50	19.37	19.74	19.73	20.50
		100	0	19.59	19.26	19.68	20.50

	256QAM	1	0	18.65	18.81	18.49	19.50
		1	50	18.69	18.63	18.64	19.50
		1	99	18.58	18.77	18.85	19.50
		50	0	18.73	18.57	18.65	19.50
		50	25	18.57	18.57	18.53	19.50
		50	50	18.61	18.68	18.75	19.50
		100	0	18.62	18.48	18.59	19.50

LTE Band 41 ENDC 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	20.01	20.06	20.06	20.06	19.88	20.50	
		1	13	19.92	19.84	20.12	19.69	19.82	20.50	
		1	24	19.58	19.43	19.85	19.57	19.57	20.50	
		12	0	20.04	19.55	20.08	19.62	19.95	20.50	
		12	6	19.60	19.47	19.75	19.62	19.51	20.50	
		12	13	19.56	19.59	20.01	19.65	19.60	20.50	
	16QAM	25	0	19.84	19.84	19.83	19.84	19.80	20.50	
		1	0	19.34	19.65	19.83	19.53	19.42	20.50	
		1	13	20.05	19.45	20.13	19.47	20.05	20.50	
		1	24	19.74	19.58	20.01	19.46	19.57	20.50	
		12	0	19.57	19.42	19.67	19.42	19.50	20.50	
		12	6	19.78	19.77	19.74	19.67	19.77	20.50	
	64QAM	12	13	19.86	19.81	20.06	19.73	19.81	20.50	
		25	0	19.62	19.66	20.02	19.76	19.60	20.50	
		1	0	19.52	19.67	19.84	19.70	19.45	20.50	
		1	13	19.78	19.62	19.98	19.69	19.67	20.50	
		1	24	19.95	19.14	20.08	19.16	20.00	20.50	
		12	0	19.42	19.74	19.82	19.58	19.59	20.50	
	256QAM	12	6	19.86	19.76	19.66	19.81	19.72	20.50	
		12	13	19.52	19.75	19.68	19.72	19.53	20.50	
		25	0	19.54	19.03	19.69	19.14	19.37	20.50	
		1	0	18.48	18.56	18.67	18.85	18.59	19.50	
		1	13	18.51	18.41	18.57	18.65	18.62	19.50	
		1	24	18.39	18.49	18.46	18.75	18.80	19.50	
	10MHz	QPSK	12	0	18.50	18.40	18.71	18.51	18.67	19.50
			12	6	18.40	18.56	18.56	18.66	18.61	19.50
			12	13	18.50	18.56	18.67	18.60	18.85	19.50
			25	0	18.38	18.53	18.64	18.48	18.56	19.50
			1	0	20.03	19.94	20.11	20.01	20.01	20.50
			1	25	19.90	20.04	20.20	19.77	19.82	20.50
1		49	19.59	19.56	19.78	19.54	19.53	20.50		
16QAM	25	0	19.96	19.67	20.14	19.61	20.10	20.50		
	25	13	19.63	19.41	19.93	19.60	19.43	20.50		
		25	25	19.69	19.61	19.96	19.56	19.67	20.50	
		50	0	19.76	19.85	19.83	19.97	19.85	20.50	
		1	0	19.31	19.60	19.89	19.58	19.35	20.50	



				39750	40185	40620	41055	41490	
<b>20MHz</b>	<b>QPSK</b>	1	0	19.96	19.96	20.30	20.04	20.05	20.50
		1	50	19.85	19.89	20.12	19.82	19.90	20.50
		1	99	19.63	19.41	19.71	19.62	19.45	20.50
		50	0	20.11	19.57	20.17	19.64	20.02	20.50
		50	25	19.43	19.50	19.90	19.41	19.63	20.50
		50	50	19.65	19.72	19.98	19.74	19.59	20.50
		100	0	19.90	19.96	19.76	19.97	19.77	20.50
	<b>16QAM</b>	1	0	19.25	19.67	19.94	19.48	19.44	20.50
		1	50	20.04	19.63	20.18	19.49	20.14	20.50
		1	99	19.63	19.49	19.99	19.57	19.61	20.50
		50	0	19.44	19.34	19.71	19.35	19.43	20.50
		50	25	19.74	19.75	19.93	19.75	19.78	20.50
		50	50	19.86	19.75	20.13	19.81	19.74	20.50
		100	0	19.82	19.71	20.04	19.69	19.68	20.50
	<b>64QAM</b>	1	0	19.54	19.64	19.95	19.55	19.48	20.50
		1	50	19.70	19.77	20.07	19.59	19.75	20.50
		1	99	19.93	19.10	20.15	19.10	20.05	20.50
		50	0	19.50	19.71	19.86	19.63	19.54	20.50
		50	25	19.87	19.75	19.65	19.65	19.88	20.50
		50	50	19.41	19.58	19.79	19.67	19.40	20.50
		100	0	19.47	19.14	19.74	19.20	19.60	20.50
	<b>256QAM</b>	1	0	18.36	18.54	18.57	18.83	18.61	19.50
		1	50	18.44	18.50	18.63	18.72	18.64	19.50
		1	99	18.36	18.52	18.56	18.80	18.90	19.50
		50	0	18.54	18.52	18.75	18.47	18.58	19.50
		50	25	18.40	18.41	18.58	18.68	18.48	19.50
		50	50	18.55	18.59	18.75	18.60	18.83	19.50
		100	0	18.35	18.51	18.71	18.55	18.61	19.50

## 9 Conducted Power of LTE Uplink CA

### 9.1 Conducted Power of LTE Uplink CA(Ant0)

CA_7C Ant 0												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Sensor on		Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	22.45	23.00	21.36	22.00
21100	20902	QPSK	1	0	1	99	2	0	22.49	23.00	21.45	22.00
21350	21152	QPSK	1	0	1	99	2	0	22.43	23.00	21.43	22.00
20850	21048	QPSK	50	0	0	0	1	0	21.55	22.00	21.31	22.00
21100	20902	QPSK	50	0	1	49	2	0	21.62	22.00	21.42	22.00
21350	21152	QPSK	50	0	1	49	2	0	21.51	22.00	21.39	22.00

CA_38C Ant 0										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Sensor on & Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	22.83	24.00
37901	38099	QPSK	1	0	1	99	2	0	22.97	24.00
38150	37952	QPSK	1	0	1	99	2	0	22.87	24.00
37850	38048	QPSK	50	0	0	0	1	0	21.97	23.00
37901	38099	QPSK	50	0	1	49	2	0	21.88	23.00
38150	37952	QPSK	50	0	1	49	2	0	21.87	23.00

## 9.2 Conducted Power of LTE Uplink CA(Ant1)

CA_7C Ant 1												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Sensor on		Receiver on & Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	21.58	22.00	18.51	19.00
21100	20902	QPSK	1	0	1	99	2	0	21.63	22.00	18.69	19.00
21350	21152	QPSK	1	0	1	99	2	0	21.54	22.00	18.52	19.00
20850	21048	QPSK	50	0	0	0	1	0	20.76	21.00	18.54	19.00
21100	20902	QPSK	50	0	1	49	2	0	20.81	21.00	18.63	19.00
21350	21152	QPSK	50	0	1	49	2	0	20.74	21.00	18.58	19.00

CA_38C Ant 1												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Sensor on		Receiver on & Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	21.81	23.00	20.86	22.00
37901	38099	QPSK	1	0	1	99	2	0	21.98	23.00	20.95	22.00
38150	37952	QPSK	1	0	1	99	2	0	21.96	23.00	20.92	22.00
37850	38048	QPSK	50	0	0	0	1	0	20.87	22.00	20.85	22.00
37901	38099	QPSK	50	0	1	49	2	0	20.91	22.00	20.93	22.00
38150	37952	QPSK	50	0	1	49	2	0	20.86	22.00	20.84	22.00



### 9.3 Conducted Power of LTE Uplink CA(Ant2)

CA_7C Ant 2												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Hotspot on		Sensor on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	17.24	18.50	18.23	19.50
21100	20902	QPSK	1	0	1	99	2	0	17.34	18.50	18.25	19.50
21350	21152	QPSK	1	0	1	99	2	0	17.29	18.50	18.20	19.50
20850	21048	QPSK	50	0	0	0	1	0	17.25	18.50	17.33	18.50
21100	20902	QPSK	50	0	1	49	2	0	17.33	18.50	17.44	18.50
21350	21152	QPSK	50	0	1	49	2	0	17.28	18.50	17.38	18.50

CA_38C Ant 2												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Hotspot on		Sensor on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	19.74	20.50	21.66	22.50
37901	38099	QPSK	1	0	1	99	2	0	19.75	20.50	21.68	22.50
38150	37952	QPSK	1	0	1	99	2	0	19.71	20.50	21.67	22.50
37850	38048	QPSK	50	0	0	0	1	0	19.48	20.50	20.61	21.50
37901	38099	QPSK	50	0	1	49	2	0	19.56	20.50	20.63	21.50
38150	37952	QPSK	50	0	1	49	2	0	19.47	20.50	20.58	21.50

### 9.4 Conducted Power of LTE Uplink CA(Ant3)

CA_7C Ant 3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Sensor on & Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)
20850	21048	QPSK	1	0	0	0	1	0	20.70	22.00
21100	20902	QPSK	1	0	1	99	2	0	20.85	22.00
21350	21152	QPSK	1	0	1	99	2	0	20.81	22.00
20850	21048	QPSK	50	0	0	0	1	0	20.67	22.00
21100	20902	QPSK	50	0	1	49	2	0	20.77	22.00
21350	21152	QPSK	50	0	1	49	2	0	20.69	22.00

CA_38C Ant 3										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Receiver on & Sensor on & Hotspot on	
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)	Tune up Power (dBm)
37850	38048	QPSK	1	0	0	0	1	0	21.29	22.50
37901	38099	QPSK	1	0	1	99	2	0	21.35	22.50
38150	37952	QPSK	1	0	1	99	2	0	21.32	22.50
37850	38048	QPSK	50	0	0	0	1	0	20.27	21.50
37901	38099	QPSK	50	0	1	49	2	0	20.32	21.50
38150	37952	QPSK	50	0	1	49	2	0	20.29	21.50

## 10 Conducted Power of LTE Downlink CA

	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL #	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq. (MHz)	Channel		RB	RB	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
							Offset											
CA_2A-4A(4X4MIMO)	Band 2	Ant 0	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					22.83	22.92
CA_2A-4A(4X4MIMO)	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					22.04	22.20
CA_4A(4X4MIMO)-5A	Band 4	Ant 0	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					23.45	23.58
CA_4A(4X4MIMO)-5A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					22.65	22.82
CA_4A(4X4MIMO)-5A	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					23.14	23.23
CA_4A(4X4MIMO)-5A	Band 4	Ant 3	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					22.81	22.94
CA_4A(4X4MIMO)-7A(4X4MIMO)	Band 4	Ant 0	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100					23.44	23.58
CA_4A(4X4MIMO)-7A(4X4MIMO)	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100					22.73	22.82
CA_4A(4X4MIMO)-7A(4X4MIMO)	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100					23.12	23.23
CA_4A(4X4MIMO)-7A(4X4MIMO)	Band 4	Ant 3	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100					22.84	22.94
CA_2A-2A	Band 2	Ant 0	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					22.75	22.92
CA_2A-2A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					22.12	22.20
CA_38C(4X4MIMO)	Band 38	Ant 0	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					24.56	24.66
CA_38C(4X4MIMO)	Band 38	Ant 1	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					23.68	23.82
CA_38C(4X4MIMO)	Band 38	Ant 2	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					24.41	24.55
CA_38C(4X4MIMO)	Band 38	Ant 3	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099					23.24	23.40
CA_66B(4X4MIMO)	Band 66	Ant 0	15M	1745	13232.2	QPSK	1	0	Band 66	5M	2164.3	66979					23.45	23.60
CA_66B(4X4MIMO)	Band 66	Ant 1	15M	1745	13232.2	QPSK	1	0	Band 66	5M	2164.3	66979					22.75	22.87
CA_66B(4X4MIMO)	Band 66	Ant 2	15M	1745	13232.2	QPSK	1	0	Band 66	5M	2164.3	66979					22.98	23.13
CA_66B(4X4MIMO)	Band 66	Ant 3	15M	1745	13232.2	QPSK	1	0	Band 66	5M	2164.3	66979					22.74	22.91
CA_66C(4X4MIMO)	Band 66	Ant 0	20M	1745	13232.2	QPSK	1	0	Band 66	20M	2174.8	67084					23.56	23.69
CA_66C(4X4MIMO)	Band 66	Ant 1	20M	1745	13232.2	QPSK	1	0	Band 66	20M	2174.8	67084					22.78	22.88
CA_66C(4X4MIMO)	Band 66	Ant 2	20M	1745	13232.2	QPSK	1	0	Band 66	20M	2174.8	67084					23.12	23.27
CA_66C(4X4MIMO)	Band 66	Ant 3	20M	1745	13232.2	QPSK	1	0	Band 66	20M	2174.8	67084					22.93	23.03
CA_2A-7A(4X4MIMO)-66A(4X4MIMO)	Band 2	Ant 0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	22.75	22.92
CA_2A-7A(4X4MIMO)-66A(4X4MIMO)	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	22.03	22.20
CA_5A-7A(4X4MIMO)-66A(4X4MIMO)	Band 5	Ant 0	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	24.70	24.78
CA_5A-7A(4X4MIMO)-66A(4X4MIMO)	Band 5	Ant 1	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	24.14	24.29
CA_2A-7A(4X4MIMO)-7A(4X4MIMO)	Band 2	Ant 0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.74	22.92
CA_2A-7A(4X4MIMO)-7A(4X4MIMO)	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.06	22.20
CA_2A-7C(4X4MIMO)	Band 2	Ant 0	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.77	22.92
CA_2A-7C(4X4MIMO)	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.03	22.20
CA_4A(4X4MIMO)-7C(4X4MIMO)	Band 4	Ant 0	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.49	23.58
CA_4A(4X4MIMO)-7C(4X4MIMO)	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.70	22.82
CA_4A(4X4MIMO)-7C(4X4MIMO)	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.08	23.23
CA_4A(4X4MIMO)-7C(4X4MIMO)	Band 4	Ant 3	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.81	22.94

CA_5A-7A(4X4MIMO)-7A(4X4MIMO)	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.67	24.78
CA_5A-7A(4X4MIMO)-7A(4X4MIMO)	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.20	24.29
CA_41D(4X4MIMO)	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	24.56	24.71
CA_41D(4X4MIMO)	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.79	23.88
CA_41D(4X4MIMO)	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	24.25	24.36
CA_41D(4X4MIMO)	Band 41	Ant 3	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	23.36	23.53

## 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		
<b>20MHz</b>	DFT-s-OFDM Pi/2 BPSK	1	1	24.59	24.58	24.56	25.50	
		1	53	24.79	24.77	24.57	25.50	
		1	104	24.66	24.73	24.63	25.50	
		50	0	23.66	23.70	23.72	25.00	
		50	28	24.67	24.72	24.69	25.50	
		50	56	23.45	23.53	23.67	25.00	
	DFT-s-OFDM QPSK	1	1	24.50	24.83	24.58	25.50	
		1	53	24.70	24.75	24.69	25.50	
		1	104	24.65	24.60	24.74	25.50	
		50	0	23.54	23.60	23.75	24.50	
		50	28	24.72	24.81	24.61	25.50	
		50	56	23.59	23.58	23.65	24.50	
	DFT-s-OFDM 16QAM	1	1	23.40	23.56	23.50	24.50	
		DFT-s-OFDM 64QAM	1	1	22.15	22.26	22.31	23.00
			DFT-s-OFDM 256QAM	1	1	20.05	20.00	19.95
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	<b>20MHz</b>	CP-OFDM QPSK	1	1	344000	349500	355000	23.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	343500	349500	355500	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		



<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.80	24.70	24.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	24.60	24.65	24.75	25.50

N5 ENDC Sensor on & Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.48	21.39	21.42	22.50	
		1	53	21.34	21.55	21.44	22.50	
		1	104	21.34	21.46	21.42	22.50	
		50	0	21.47	21.48	21.52	22.50	
		50	28	21.35	21.40	21.45	22.50	
		50	56	21.40	21.45	21.60	22.50	
		100	0	21.37	21.42	21.48	22.50	
	DFT-s-OFDM QPSK	1	1	21.52	21.65	21.41	22.50	
		1	53	21.43	21.36	21.43	22.50	
		1	104	21.32	21.54	21.50	22.50	
		50	0	21.45	21.34	21.47	22.50	
		50	28	21.56	21.66	21.47	22.50	
		50	56	21.42	21.45	21.47	22.50	
		100	0	21.34	21.46	21.50	22.50	
	DFT-s-OFDM 16QAM	1	1	21.34	21.43	21.46	22.50	
	DFT-s-OFDM 64QAM	1	1	21.30	21.49	21.51	22.50	
	DFT-s-OFDM 256QAM	1	1	20.05	20.00	19.95	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					344000	349500	355000	
	<b>20MHz</b>	CP-OFDM QPSK	1	1	21.19	21.38	21.40	22.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500		
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.33	21.34	21.36	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.36	21.34	21.39	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				342500	349500	356500		
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	21.37	21.36	21.32	22.50	

N7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.04	23.93	23.98	25.00
		1	135	24.07	24.01	23.95	25.00
		1	268	24.05	23.97	23.95	25.00
		135	0	23.45	23.47	23.45	24.50
		135	67	24.18	24.20	24.10	25.00
		135	135	23.69	23.68	23.68	24.50
		270	0	23.56	23.57	23.55	24.50
	DFT-s-OFDM QPSK	1	1	24.12	24.28	24.06	25.00
		1	135	24.17	24.16	24.17	25.00
		1	268	24.04	24.04	24.03	25.00
		135	0	23.17	23.18	23.16	24.00
		135	67	24.17	24.21	24.17	25.00
		135	135	23.12	23.18	23.13	24.00
	DFT-s-OFDM 16QAM	1	1	23.30	23.39	23.38	24.00
		1	1	21.64	21.67	21.69	22.50
		1	1	19.40	19.31	19.32	20.50
	DFT-s-OFDM 256QAM	1	1	19.40	19.31	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
<b>50MHz</b>	CP-OFDM QPSK	1	1	21.53	21.56	21.58	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.12	23.09	23.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.09	23.07	23.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	23.10	23.11	23.08	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.13	23.10	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.07	23.14	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	



				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.09	23.15	23.06	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.09	23.06	23.12	25.00

N7 Sensor on & Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.66	20.52	20.58	21.50	
		1	135	20.71	20.54	20.59	21.50	
		1	268	20.72	20.59	20.56	21.50	
		135	0	20.65	20.57	20.63	21.50	
		135	67	20.69	20.54	20.64	21.50	
		135	135	20.69	20.54	20.59	21.50	
		270	0	20.66	20.63	20.58	21.50	
	DFT-s-OFDM QPSK	1	1	20.68	20.92	20.70	21.50	
		1	135	20.65	20.55	20.61	21.50	
		1	268	20.70	20.59	20.60	21.50	
		135	0	20.72	20.59	20.57	21.50	
		135	67	20.70	20.85	20.64	21.50	
		135	135	20.68	20.61	20.53	21.50	
		270	0	20.67	20.57	20.63	21.50	
	DFT-s-OFDM 16QAM	1	1	20.65	20.54	20.62	21.50	
	DFT-s-OFDM 64QAM	1	1	20.65	20.55	20.59	21.50	
	DFT-s-OFDM 256QAM	1	1	19.40	19.31	19.32	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
	<b>50MHz</b>	CP-OFDM QPSK	1	1	20.62	20.52	20.56	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.35	20.15	20.28	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.27	20.09	20.26	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	20.35	20.08	20.33	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.31	20.12	20.33	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.31	20.09	20.33	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.33	20.11	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.34	20.11	20.28	21.50

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.06	23.95	23.97	25.00
		1	53	24.05	24.03	24.01	25.00
		1	104	23.99	24.03	23.95	25.00
		50	0	23.45	23.44	23.48	24.50
		50	28	24.16	24.21	24.12	25.00
		50	56	23.74	23.74	23.66	24.50
	DFT-s-OFDM QPSK	100	0	23.52	23.55	23.61	24.50
		1	1	24.04	24.32	24.12	25.00
		1	53	24.21	24.20	24.19	25.00
		1	104	24.00	24.08	24.01	25.00
		50	0	23.20	23.11	23.16	24.00
		50	28	24.19	24.25	24.14	25.00
	DFT-s-OFDM 16QAM	50	56	23.17	23.16	23.17	24.00
		100	0	23.20	23.12	23.13	24.00
		1	1	23.35	23.36	23.35	24.00
	DFT-s-OFDM 64QAM	1	1	21.59	21.67	21.70	22.50
	DFT-s-OFDM 256QAM	1	1	19.42	19.34	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.48	21.56	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.86	23.81	23.79	25.00





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.82	23.79	23.85	25.00

N38 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	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.23	21.11	21.11	22.00
		1	53	21.18	21.15	21.11	22.00
		1	104	21.07	21.21	21.04	22.00
		50	0	21.19	21.08	21.16	22.00
		50	28	21.19	21.09	21.09	22.00
		50	56	21.16	21.17	21.13	22.00
	DFT-s-OFDM QPSK	100	0	21.05	21.15	21.03	22.00
		1	1	21.17	21.41	21.21	22.00
		1	53	21.20	21.09	21.14	22.00
		1	104	21.16	21.16	21.17	22.00
		50	0	21.16	21.06	21.11	22.00
		50	28	21.15	21.38	21.09	22.00
	DFT-s-OFDM 16QAM	50	56	21.23	21.08	21.10	22.00
		100	0	21.16	21.21	21.11	22.00
		1	1	21.05	21.16	21.01	22.00
	DFT-s-OFDM 64QAM	1	1	20.59	20.67	20.70	22.00
	DFT-s-OFDM 256QAM	1	1	19.00	19.12	19.00	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
<b>40MHz</b>	CP-OFDM QPSK	1	1	518000	519000	520000	22.00
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	517000	519000	521000	22.00
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	516000	519000	522000	22.00

N41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.92	23.88	23.94	23.91	23.91	25.00
		1	137	23.98	23.96	23.96	23.99	23.90	25.00
		1	271	23.95	23.90	23.92	23.86	23.88	25.00
		135	0	23.28	23.35	23.33	23.37	23.34	24.50
		135	69	24.07	24.11	24.02	<b>24.06</b>	23.98	25.00
		135	138	23.63	23.59	23.65	23.62	23.57	24.50
		270	0	23.45	23.52	23.43	23.47	23.52	24.50
	DFT-s-OFDM QPSK	1	1	24.00	24.00	24.22	24.01	24.01	25.00
		1	137	24.08	24.03	24.01	24.09	24.06	25.00
		1	271	23.86	23.94	23.92	23.98	23.90	25.00
		135	0	23.07	23.08	23.05	23.00	23.05	24.00
		135	69	24.01	24.05	24.17	<b>24.03</b>	24.04	25.00
		135	138	23.11	23.12	23.06	23.14	23.07	24.00
		270	0	23.10	23.00	23.08	23.02	23.03	24.00
DFT-s-OFDM 16QAM	1	1	23.20	23.28	23.28	23.33	23.27	24.00	
DFT-s-OFDM 64QAM	1	1	21.55	21.59	21.54	21.61	21.59	22.50	
DFT-s-OFDM 256QAM	1	1	19.29	19.24	19.32	19.18	19.24	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	21.44	21.48	21.43	21.50	21.48	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.72	23.70	23.75	23.65	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.72	23.72	23.70	23.67	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 512406	Channel 518598	Channel 525300	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.68	23.68	23.70	23.70	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.67	23.76	23.74	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up

<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.75	23.70	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.74	23.69	23.66	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.73	23.73	23.70	23.66	23.75	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.74	23.69	23.71	23.68	23.73	25.00

N41 Sensor on & Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.01	21.02	21.07	21.03	21.03	22.00
		1	137	21.01	21.07	21.05	21.04	21.09	22.00
		1	271	20.98	21.02	21.09	21.04	20.97	22.00
		135	0	20.99	21.00	21.05	21.02	21.05	22.00
		135	69	21.02	21.07	21.08	20.98	21.06	22.00
		135	138	21.06	21.00	21.08	21.09	21.05	22.00
	DFT-s-OFDM QPSK	1	1	21.14	21.13	21.30	21.08	21.06	22.00
		1	137	21.05	21.06	21.03	20.99	21.00	22.00
		1	271	21.04	21.05	21.01	21.02	21.10	22.00
		135	0	21.05	21.06	21.03	20.97	21.00	22.00
		135	69	21.01	21.00	21.29	21.06	21.03	22.00
		135	138	21.01	21.04	21.07	21.07	21.02	22.00
	DFT-s-OFDM 16QAM	1	1	21.03	21.06	21.00	21.10	21.03	22.00
		1	1	20.98	21.07	21.10	20.99	21.01	22.00
		1	1	19.29	19.24	19.32	19.18	19.24	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.95	21.04	21.07	20.96	20.98	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	

<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.81	20.79	20.80	20.80	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.86	20.81	20.85	20.86	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512406	518598	525300	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.78	20.85	20.87	20.83	20.80	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.84	20.81	20.84	20.85	20.78	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.85	20.86	20.83	20.80	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.82	20.82	20.81	20.80	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.81	20.82	20.78	20.80	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.86	20.86	20.83	20.82	20.73	22.00

### 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	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.28	24.31	24.35	25.50
		1	53	24.35	24.37	24.35	25.50
		1	104	24.31	24.37	24.27	25.50
		50	0	23.80	23.77	23.78	25.00
		50	28	24.43	24.42	24.40	25.50
		50	56	24.05	24.03	23.98	25.00
	DFT-s-OFDM QPSK	100	0	23.93	23.88	23.81	25.00
		1	1	24.47	24.62	24.38	25.50
		1	53	24.49	24.50	24.48	25.50
		1	104	24.33	24.33	24.33	25.50
		50	0	23.42	23.39	23.39	24.50
		50	28	24.49	24.59	24.44	25.50
	DFT-s-OFDM 16QAM	50	56	23.48	23.54	23.54	24.50
		100	0	23.37	23.37	23.39	24.50
		1	1	23.65	23.69	23.61	24.50
	DFT-s-OFDM 64QAM	1	1	21.92	21.94	21.98	23.00
	DFT-s-OFDM 256QAM	1	1	19.61	19.61	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.81	21.83	21.87	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.16	24.06	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.16	24.10	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	24.18	24.16	24.12	25.50

N5 ENDC 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	19.96	19.95	19.91	21.00
		1	53	19.93	20.02	20.00	21.00

		1	104	19.81	20.03	19.87	21.00
		50	0	20.04	20.00	20.05	21.00
		50	28	19.81	19.95	19.93	21.00
		50	56	19.90	19.98	20.08	21.00
		100	0	19.84	20.00	19.99	21.00
	DFT-s-OFDM QPSK	1	1	19.99	20.17	19.88	21.00
		1	53	20.02	19.93	19.95	21.00
		1	104	19.91	20.14	19.99	21.00
		50	0	20.02	19.81	19.96	21.00
		50	28	20.14	20.24	19.99	21.00
		50	56	19.89	19.97	20.02	21.00
	DFT-s-OFDM 16QAM	1	1	19.89	20.01	19.98	21.00
		1	1	19.85	20.02	20.08	21.00
1		1	19.61	19.61	19.61	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	19.74	19.91	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.11	20.12	20.03	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.13	20.19	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.11	20.11	20.14	21.00

N5 ENDC Sensor on & Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.49	19.53	19.44	20.50
		1	53	19.51	19.51	19.57	20.50
		1	104	19.35	19.51	19.44	20.50
		50	0	19.54	19.47	19.55	20.50
		50	28	19.40	19.44	19.52	20.50
		50	56	19.42	19.51	19.60	20.50
	100	0	19.42	19.54	19.48	20.50	
	DFT-s-OFDM QPSK	1	1	19.45	19.73	19.47	20.50
		1	53	19.49	19.53	19.54	20.50
1		104	19.50	19.72	19.59	20.50	

		50	0	19.61	19.28	19.48	20.50
		50	28	19.73	19.81	19.53	20.50
		50	56	19.40	19.44	19.60	20.50
		100	0	19.37	19.54	19.51	20.50
	DFT-s-OFDM 16QAM	1	1	19.35	19.52	19.56	20.50
	DFT-s-OFDM 64QAM	1	1	19.31	19.55	19.67	20.50
DFT-s-OFDM 256QAM	1	1	19.06	19.12	19.18	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349500	Channel 355000	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	19.20	19.44	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349500	Channel 355500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.63	19.71	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349500	Channel 356000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.66	19.63	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	19.66	19.65	19.65	20.50

N5 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
				834	836.5	839	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.94	22.96	22.99	24.00
		1	53	22.96	22.94	22.93	24.00
		1	104	22.91	22.99	22.93	24.00
		50	0	22.87	22.93	22.94	24.00
		50	28	22.88	22.97	23.00	24.00
		50	56	22.96	22.95	22.94	24.00
		100	0	22.95	22.93	22.90	24.00
	DFT-s-OFDM QPSK	1	1	23.11	23.22	22.93	24.00
		1	53	22.90	22.96	23.00	24.00
		1	104	22.99	22.96	23.01	24.00
		50	0	22.88	22.94	22.99	24.00
		50	28	22.96	23.18	23.00	24.00
		50	56	22.91	22.90	22.98	24.00
		100	0	23.03	23.15	22.94	24.00
DFT-s-OFDM 16QAM	1	1	22.95	22.97	22.88	24.00	
DFT-s-OFDM 64QAM	1	1	21.92	21.94	21.98	23.00	



	DFT-s-OFDM 256QAM	1	1	19.61	19.61	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349500	Channel 355000	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.89	21.91	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349500	Channel 355500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.83	22.76	22.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349500	Channel 356000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.80	22.77	22.65	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.82	22.70	24.00

N5 Sensor on & Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up	
				834	836.5	839		
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.41	22.43	22.46	23.50	
		1	53	22.46	22.42	22.43	23.50	
		1	104	22.41	22.43	22.43	23.50	
		50	0	22.37	22.43	22.49	23.50	
		50	28	22.38	22.45	22.51	23.50	
		50	56	22.49	22.42	22.50	23.50	
	DFT-s-OFDM QPSK	1	1	22.62	22.70	22.51	23.50	
		1	53	22.38	22.42	22.52	23.50	
		1	104	22.50	22.45	22.45	23.50	
		50	0	22.41	22.47	22.47	23.50	
		50	28	22.47	22.58	22.48	23.50	
		50	56	22.38	22.48	22.45	23.50	
	DFT-s-OFDM 16QAM	1	1	22.45	22.43	22.43	23.50	
		DFT-s-OFDM 64QAM	1	1	21.92	21.94	21.98	23.00
		DFT-s-OFDM 256QAM	1	1	19.61	19.61	19.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349500	Channel 355000	Tune up	
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.89	21.91	21.95	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349500	Channel 355500	Tune up	





<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.27	22.31	22.16	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.24	22.29	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.28	22.30	22.15	23.50

N7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.52	24.59	24.58	25.50
		1	135	24.66	24.61	24.57	25.50
		1	268	24.49	24.56	24.53	25.50
		135	0	24.06	24.00	23.96	25.00
		135	67	24.65	24.68	24.62	25.50
		135	135	24.26	24.24	24.24	25.00
		270	0	24.14	24.11	24.09	25.00
	DFT-s-OFDM QPSK	1	1	24.71	24.83	24.63	25.50
		1	135	24.69	24.71	24.69	25.50
		1	268	24.59	24.65	24.58	25.50
		135	0	23.68	23.72	23.67	24.50
		135	67	24.74	24.76	24.69	25.50
		135	135	23.73	23.72	23.75	24.50
		270	0	23.61	23.62	23.68	24.50
	DFT-s-OFDM 16QAM	1	1	23.97	23.91	23.91	24.50
	DFT-s-OFDM 64QAM	1	1	22.21	22.20	22.21	23.00
	DFT-s-OFDM 256QAM	1	1	19.88	19.85	19.85	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				505000	507000	509000	
<b>50MHz</b>	CP-OFDM QPSK	1	1	22.10	22.09	22.10	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.23	24.25	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.17	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	24.17	24.17	24.25	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.20	24.22	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.20	24.23	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.25	24.24	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	24.21	24.20	24.20	25.50

N7 Receiver on & Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.10	18.19	18.21	19.00	
		1	135	18.19	18.21	18.17	19.00	
		1	268	18.16	18.14	18.14	19.00	
		135	0	18.07	18.15	18.25	19.00	
		135	67	18.12	18.17	18.24	19.00	
		135	135	18.24	18.24	18.19	19.00	
		270	0	18.15	18.15	18.16	19.00	
	DFT-s-OFDM QPSK	1	1	18.28	18.44	18.17	19.00	
		1	135	18.15	18.18	18.23	19.00	
		1	268	18.27	18.24	18.25	19.00	
		135	0	18.09	18.14	18.14	19.00	
		135	67	18.36	18.35	18.29	19.00	
		135	135	18.16	18.19	18.22	19.00	
	DFT-s-OFDM 16QAM	1	1	18.09	18.16	18.24	19.00	
				18.21	18.26	18.25	19.00	
				18.15	18.11	18.11	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
<b>50MHz</b>	CP-OFDM QPSK	1	1	18.18	18.23	18.22	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.83	17.91	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.92	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	17.86	17.90	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.80	17.88	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.85	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.85	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	17.80	17.88	17.86	19.00

N7 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
				2525	2535	2545	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.56	19.60	19.64	20.50
		1	135	19.63	19.67	19.58	20.50
		1	268	19.57	19.56	19.56	20.50
		135	0	19.54	19.59	19.65	20.50
		135	67	19.47	19.54	19.61	20.50
		135	135	19.66	19.66	19.58	20.50
		270	0	19.50	19.52	19.48	20.50
	DFT-s-OFDM QPSK	1	1	19.68	19.83	19.62	20.50
		1	135	19.54	19.54	19.62	20.50
		1	268	19.66	19.67	19.66	20.50
		135	0	19.56	19.53	19.54	20.50
		135	67	19.77	19.80	19.68	20.50
		135	135	19.49	19.56	19.63	20.50
		270	0	19.65	19.59	19.58	20.50
DFT-s-OFDM 16QAM	1	1	19.51	19.55	19.63	20.50	
DFT-s-OFDM 64QAM	1	1	19.63	19.60	19.59	20.50	



	DFT-s-OFDM 256QAM	1	1	19.54	19.57	19.54	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	19.60	19.57	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.19	19.28	19.22	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.19	19.24	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	19.23	19.33	19.25	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.23	19.27	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.23	19.31	19.24	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.18	19.30	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	19.22	19.26	19.28	20.50

N38				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.51	24.50	25.50	
		1	53	24.56	24.54	24.52	25.50	
		1	104	24.55	24.47	24.47	25.50	
		50	0	23.93	23.98	23.97	25.00	
		50	28	24.62	24.63	24.67	25.50	
		50	56	24.23	24.22	24.24	25.00	
			100	0	24.07	24.04	24.03	25.00
	DFT-s-OFDM QPSK	1	1	24.57	24.71	24.65	25.50	
		1	53	24.62	24.69	24.65	25.50	
		1	104	24.52	24.51	24.51	25.50	
50		0	23.62	23.64	23.60	24.50		



				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.92	19.00	18.91	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.95	18.94	18.95	20.00

N41				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				509202	513900	518598	523302	528000		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2569.5	2592.99	2616.51	2640		
		135	0	24.10	24.19	24.17	24.23	24.24	25.50	
		135	69	24.18	24.19	24.23	24.25	24.19	25.50	
		135	138	24.14	24.20	24.11	24.15	24.21	25.50	
		270	0	23.60	23.61	23.67	23.61	23.62	25.00	
		135	69	24.26	24.26	24.25	<b>24.31</b>	24.27	25.50	
		135	138	23.88	23.83	23.91	23.81	23.86	25.00	
	DFT-s-OFDM QPSK	1	1	23.75	23.69	23.72	23.71	23.69	25.00	
		1	137	24.24	24.24	24.45	24.19	24.20	25.50	
		1	271	24.32	24.32	24.34	24.33	24.34	25.50	
		135	0	24.23	24.24	24.19	24.19	24.22	25.50	
		135	69	23.31	23.27	23.31	23.29	23.29	24.50	
		135	138	24.29	24.31	24.37	<b>24.23</b>	24.29	25.50	
		270	0	23.39	23.33	23.36	23.36	23.36	24.50	
	DFT-s-OFDM 16QAM	1	1	23.20	23.25	23.27	23.27	23.28	24.50	
	DFT-s-OFDM 64QAM	1	1	23.54	23.49	23.53	23.52	23.52	24.50	
	DFT-s-OFDM 256QAM	1	1	21.81	21.80	21.80	21.81	21.80	23.00	
	DFT-s-OFDM 256QAM	1	1	19.53	19.48	19.51	19.47	19.47	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					509202	513900	518598	523302	528000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	21.70	21.69	21.69	21.70	21.69	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				508200	513402	518598	523800	528996		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.02	23.99	24.04	24.01	24.02	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				507204	512904	518598	524298	529998		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.98	24.02	24.03	23.98	23.98	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				506202	512406	518598	525300	531000		

<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.98	24.02	24.03	23.98	23.98	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.98	24.03	23.96	24.00	23.97	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.05	24.04	23.97	24.02	23.99	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.97	24.02	24.03	23.99	24.04	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.00	24.01	24.03	24.03	23.96	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.99	24.00	24.03	24.04	23.96	25.50

N41 Receiver on & Sensor on & Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.81	18.82	18.73	18.82	18.84	20.00
		1	137	18.77	18.77	18.90	18.88	18.91	20.00
		1	271	18.77	18.76	18.77	18.83	18.78	20.00
		135	0	18.80	18.83	18.81	18.82	18.77	20.00
		135	69	18.85	18.78	18.75	<b>18.82</b>	18.84	20.00
		135	138	18.77	18.79	18.88	18.92	18.88	20.00
	DFT-s-OFDM QPSK	270	0	18.77	18.74	18.76	18.81	18.82	20.00
		1	1	18.86	18.86	19.06	18.83	18.86	20.00
		1	137	18.77	18.85	18.75	18.84	18.83	20.00
		1	271	18.71	18.72	18.87	18.90	18.89	20.00
		135	0	18.74	18.81	18.76	18.82	18.81	20.00
		135	69	18.91	18.92	18.99	<b>18.83</b>	18.81	20.00
	DFT-s-OFDM 16QAM	135	138	18.84	18.80	18.79	18.80	18.85	20.00
		270	0	18.78	18.71	18.86	18.87	18.93	20.00
	DFT-s-OFDM 64QAM	1	1	18.82	18.78	18.81	18.84	18.80	20.00
	DFT-s-OFDM 64QAM	1	1	18.79	18.74	18.91	18.88	18.93	20.00

	DFT-s-OFDM 256QAM	1	1	18.75	18.81	18.75	18.77	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.76	18.71	18.88	18.85	18.90	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.58	18.63	18.58	18.62	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.60	18.68	18.57	18.65	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 512406	Channel 518598	Channel 525300	Channel 531000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.59	18.61	18.55	18.61	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.58	18.70	18.58	18.67	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.58	18.66	18.59	18.62	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.55	18.61	18.59	18.63	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.60	18.61	18.61	18.63	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.58	18.66	18.57	18.67	18.65	20.00



### 11.3 Conducted Power of NR Antenna (Ant2)

N7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up
				Channel	Channel	Channel	
				505000	507000	509000	
				2525	2535	2545	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.79	23.84	23.89	25.00
		1	135	23.86	23.83	23.79	25.00
		1	268	23.79	23.79	23.82	25.00
		135	0	23.30	23.22	23.26	24.50
		135	67	23.86	23.93	23.93	25.00
		135	135	23.52	23.47	23.49	24.50
	DFT-s-OFDM QPSK	270	0	23.39	23.36	23.36	24.50
		1	1	23.96	24.13	23.85	25.00
		1	135	24.00	23.87	23.94	25.00
		1	268	23.87	23.89	23.87	25.00
		135	0	23.00	22.96	22.93	24.00
		135	67	23.96	24.07	23.99	25.00
	DFT-s-OFDM 16QAM	135	135	23.02	23.04	23.02	24.00
		270	0	22.92	22.90	22.93	24.00
		1	1	23.18	23.15	23.11	24.00
	DFT-s-OFDM 64QAM	1	1	21.42	21.48	21.43	22.50
	DFT-s-OFDM 256QAM	1	1	19.11	19.13	19.15	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
<b>50MHz</b>	CP-OFDM QPSK	1	1	505000	507000	509000	22.50
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	504000	507000	510000	25.00
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.00
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.00
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.00
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	25.00

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.60	23.62	23.59	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.57	23.58	23.57	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.57	23.62	23.60	25.00

N7 Receiver 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	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.40	18.45	18.54	19.50
		1	135	18.41	18.38	18.32	19.50
		1	268	18.38	18.33	18.42	19.50
		135	0	18.34	18.45	18.53	19.50
		135	67	18.40	18.44	18.52	19.50
		135	135	18.41	18.43	18.37	19.50
		270	0	18.40	18.35	18.39	19.50
	DFT-s-OFDM QPSK	1	1	18.54	18.75	18.40	19.50
		1	135	18.37	18.37	18.55	19.50
		1	268	18.41	18.42	18.33	19.50
		135	0	18.37	18.34	18.43	19.50
		135	67	18.53	18.65	18.61	19.50
		135	135	18.37	18.43	18.53	19.50
	DFT-s-OFDM 16QAM	1	1	18.37	18.41	18.54	19.50
	DFT-s-OFDM 64QAM	1	1	18.41	18.45	18.33	19.50
DFT-s-OFDM 256QAM	1	1	18.40	18.42	18.43	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	18.38	18.42	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.14	18.24	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.16	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	18.15	18.21	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.15	18.18	18.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.12	18.20	18.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.12	18.19	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	18.12	18.17	18.15	19.50

N7 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.44	18.46	18.53	19.50
		1	135	18.48	18.46	18.40	19.50
		1	268	18.44	18.39	18.38	19.50
		135	0	17.94	17.78	17.83	19.00
		135	67	18.46	18.54	18.51	19.50
		135	135	18.14	18.06	18.10	19.00
		270	0	18.03	18.00	17.98	19.00
	DFT-s-OFDM QPSK	1	1	18.61	18.75	18.45	19.50
		1	135	18.64	18.44	18.52	19.50
		1	268	18.49	18.51	18.46	19.50
		135	0	17.60	17.55	17.58	18.50
		135	67	18.59	18.65	18.56	19.50
		135	135	17.58	17.66	17.65	18.50
	DFT-s-OFDM 16QAM	1	1	17.83	17.78	17.67	18.50
		1	1	16.04	16.11	16.01	17.00
1		1	13.76	13.75	13.74	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
<b>50MHz</b>	CP-OFDM QPSK	1	1	16.01	16.08	15.98	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.22	18.16	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.22	18.15	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.19	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.21	18.19	18.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.23	18.14	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.15	18.14	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	18.21	18.19	18.15	19.50

N38				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.65	23.74	23.71	25.00
		1	53	23.75	23.75	23.70	25.00
		1	104	23.67	23.71	23.75	25.00
		50	0	23.14	23.20	23.14	24.50
		50	28	23.79	23.82	23.78	25.00
		50	56	23.37	23.42	23.45	24.50
		100	0	23.30	23.27	23.28	24.50
	DFT-s-OFDM QPSK	1	1	23.80	23.99	23.76	25.00
		1	53	23.86	23.88	23.83	25.00
		1	104	23.70	23.74	23.78	25.00
		50	0	22.88	22.86	22.79	24.00
		50	28	23.87	23.94	23.92	25.00
		50	56	22.97	22.87	22.92	24.00
		100	0	22.75	22.83	22.80	24.00
	DFT-s-OFDM 16QAM	1	1	23.07	23.06	23.09	24.00
	DFT-s-OFDM 64QAM	1	1	21.38	21.33	21.40	22.50



	DFT-s-OFDM 256QAM	1	1	19.02	19.03	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.27	21.22	21.29	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.64	23.58	23.61	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.60	23.61	23.60	25.00

N38 Receiver on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.74	17.83	17.87	19.00	
		1	53	17.85	17.92	17.73	19.00	
		1	104	17.75	17.82	17.86	19.00	
		50	0	17.75	17.85	17.81	19.00	
		50	28	17.77	17.81	17.86	19.00	
		50	56	17.81	17.92	17.79	19.00	
	DFT-s-OFDM QPSK	100	0	17.76	17.84	17.85	19.00	
		1	1	17.99	18.13	17.91	19.00	
		1	53	17.76	17.84	17.86	19.00	
		1	104	17.83	17.87	17.73	19.00	
		50	0	17.78	17.84	17.84	19.00	
		50	28	17.89	18.06	17.99	19.00	
	DFT-s-OFDM 16QAM	50	56	17.78	17.83	17.81	19.00	
		100	0	17.82	17.94	17.78	19.00	
		DFT-s-OFDM 16QAM	1	1	17.80	17.86	17.86	19.00
		DFT-s-OFDM 64QAM	1	1	17.82	17.95	17.80	19.00
DFT-s-OFDM 256QAM	1	1	17.81	17.85	17.80	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.79	17.92	17.77	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.78	17.69	17.69	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.80	17.69	17.74	19.00	



N38 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	19.24	19.33	19.37	20.50
		1	53	19.35	19.42	19.23	20.50
		1	104	19.25	19.32	19.36	20.50
		50	0	19.25	19.35	19.31	20.50
		50	28	19.27	19.31	19.36	20.50
		50	56	19.31	19.42	19.29	20.50
		100	0	19.26	19.34	19.35	20.50
	DFT-s-OFDM QPSK	1	1	19.49	19.63	19.41	20.50
		1	53	19.26	19.34	19.36	20.50
		1	104	19.33	19.37	19.23	20.50
		50	0	19.28	19.34	19.34	20.50
		50	28	19.39	19.56	19.49	20.50
		50	56	19.28	19.33	19.31	20.50
		DFT-s-OFDM 16QAM	1	1	19.30	19.36	19.36
	DFT-s-OFDM 64QAM	1	1	19.32	19.45	19.30	20.50
	DFT-s-OFDM 256QAM	1	1	19.02	19.03	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.29	19.42	19.27	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.28	19.19	19.19	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.30	19.19	19.24	20.50

N38 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	19.25	19.38	19.30	20.50
		1	53	19.35	19.33	19.27	20.50
		1	104	19.31	19.30	19.32	20.50
		50	0	18.78	18.84	18.76	19.50
		50	28	19.40	19.41	19.41	20.50
		50	56	18.99	19.00	19.00	19.50
		100	0	18.89	18.91	18.87	19.50
	DFT-s-OFDM QPSK	1	1	19.36	19.57	19.40	20.50
		1	53	19.42	19.46	19.45	20.50

		1	104	19.33	19.36	19.34	20.50
		50	0	18.50	18.51	18.41	19.50
		50	28	19.46	19.53	19.51	20.50
		50	56	18.58	18.45	18.48	19.50
		100	0	18.37	18.41	18.42	19.50
	DFT-s-OFDM 16QAM	1	1	18.69	18.70	18.66	19.50
	DFT-s-OFDM 64QAM	1	1	17.00	16.97	17.03	18.00
DFT-s-OFDM 256QAM	1	1	14.67	14.60	14.64	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.47	16.44	16.50	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.21	19.21	19.23	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.22	19.20	19.23	20.50

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.35	23.44	23.42	23.44	23.45	24.50
		1	137	23.43	23.44	23.44	23.45	23.45	24.50
		1	271	23.35	23.42	23.36	23.42	23.42	24.50
		135	0	22.92	22.83	22.84	22.85	22.85	24.00
		135	69	23.55	23.49	23.47	<b>23.53</b>	23.51	24.50
		135	138	23.08	23.15	23.14	23.08	23.11	24.00
		270	0	23.03	23.01	23.02	22.96	22.97	24.00
	DFT-s-OFDM QPSK	1	1	23.51	23.50	23.74	23.49	23.48	24.50
		1	137	23.56	23.62	23.61	23.61	23.58	24.50
		1	271	23.41	23.51	23.48	23.52	23.48	24.50
		135	0	22.52	22.51	22.55	22.57	22.55	23.50
		135	69	23.54	23.50	23.65	<b>23.52</b>	23.56	24.50
		135	138	22.59	22.57	22.61	22.60	22.60	23.50
		270	0	22.44	22.49	22.47	22.51	22.55	23.50
	DFT-s-OFDM 16QAM	1	1	22.77	22.78	22.77	22.75	22.78	23.50
	DFT-s-OFDM 64QAM	1	1	21.03	21.08	21.05	21.08	21.02	22.00
	DFT-s-OFDM 256QAM	1	1	18.74	18.72	18.72	18.74	18.74	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.92	20.97	20.94	20.97	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.25	23.27	23.22	23.19	23.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.24	23.24	23.20	23.62	23.62	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512406	518598	525300	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.23	23.23	23.24	23.19	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.22	23.20	23.23	23.23	23.21	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.20	23.28	23.26	23.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.26	23.27	23.24	23.24	23.14	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.24	23.24	23.26	23.26	23.22	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.24	23.20	23.20	23.20	23.21	24.50

N41 Receiver on & Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.01	18.01	17.96	18.11	18.08	19.00
		1	137	18.08	18.06	18.06	17.99	18.07	19.00
		1	271	18.07	18.01	17.98	18.10	18.10	19.00
		135	0	17.99	18.00	17.97	18.08	18.03	19.00
		135	69	18.01	18.03	17.98	<b>18.04</b>	18.07	19.00



		135	138	18.06	18.04	18.03	18.02	18.08	19.00
		270	0	18.08	18.03	17.98	18.04	18.03	19.00
	DFT-s-OFDM QPSK	1	1	18.03	18.03	18.34	18.09	18.06	19.00
		1	137	18.03	17.98	18.04	18.07	18.09	19.00
		1	271	18.08	18.04	18.07	18.00	18.07	19.00
		135	0	18.04	18.05	17.96	18.10	18.09	19.00
		135	69	18.12	18.13	18.26	<b>18.06</b>	18.13	19.00
		135	138	17.97	17.99	18.00	18.07	18.09	19.00
		270	0	18.03	18.09	18.01	18.04	18.03	19.00
	DFT-s-OFDM 16QAM	1	1	17.97	18.01	18.01	18.07	18.12	19.00
DFT-s-OFDM 64QAM	1	1	18.08	18.06	18.02	18.01	18.01	19.00	
DFT-s-OFDM 256QAM	1	1	18.07	18.02	17.91	18.03	18.04	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.05	18.03	17.99	17.98	17.98	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.91	17.88	17.85	17.84	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.90	17.86	17.86	17.81	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512406	518598	525300	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.84	17.81	17.90	17.85	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.86	17.82	17.86	17.86	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.89	17.86	17.91	17.87	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.85	17.85	17.86	17.86	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.82	17.86	17.84	17.78	19.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.92	17.80	17.87	17.84	17.85	19.00

N41 Sensor on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.56	19.52	19.49	19.53	19.58	20.50
		1	137	19.52	19.57	19.55	19.51	19.58	20.50
		1	271	19.54	19.51	19.46	19.49	19.51	20.50
		135	0	18.94	18.89	18.96	18.93	18.96	20.00
		135	69	19.62	19.63	19.57	<b>19.67</b>	19.61	20.50
		135	138	19.27	19.26	19.24	19.18	19.18	20.00
		270	0	19.15	19.10	19.10	19.06	19.09	20.00
	DFT-s-OFDM QPSK	1	1	19.65	19.65	19.84	19.56	19.63	20.50
		1	137	19.76	19.69	19.73	19.70	19.68	20.50
		1	271	19.64	19.63	19.56	19.63	19.59	20.50
		135	0	18.59	18.57	18.69	18.68	18.67	19.50
		135	69	19.61	19.59	19.72	<b>19.67</b>	19.64	20.50
		135	138	18.69	18.71	18.70	18.75	18.70	19.50
	270	0	18.61	18.61	18.57	18.60	18.60	19.50	
	DFT-s-OFDM 16QAM	1	1	18.84	18.90	18.91	18.89	18.89	19.50
	DFT-s-OFDM 64QAM	1	1	17.20	17.16	17.17	17.19	17.20	18.00
	DFT-s-OFDM 256QAM	1	1	14.82	14.87	14.79	14.81	14.85	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.17	17.13	17.14	17.16	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.42	19.37	19.40	19.29	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.40	19.29	19.38	19.35	19.31	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512406	518598	525300	531000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.36	19.35	19.39	19.37	19.29	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.36	19.37	19.34	19.35	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.37	19.28	19.38	19.29	19.32	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.35	19.34	19.36	19.33	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.39	19.30	19.40	19.36	19.26	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.35	19.36	19.40	19.36	19.26	20.50

N77				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	23.50	
		1	137	/	22.22	/	23.50	
		1	271	/	22.07	/	23.50	
		135	0	/	21.59	/	23.00	
		135	69	/	22.21	/	23.50	
		135	138	/	21.44	/	23.00	
		270	0	/	21.56	/	23.00	
		1	1	/	22.34	/	23.50	
		1	137	/	22.22	/	23.50	
		1	271	/	22.13	/	23.50	
		135	0	/	21.13	/	22.50	
		135	69	/	22.25	/	23.50	
	135	138	/	20.84	/	22.50		
	270	0	/	21.04	/	22.50		
	DFT-s-OFDM 16QAM	1	1	/	20.80	/	22.50	
	DFT-s-OFDM 64QAM	1	1	/	19.81	/	21.00	
	DFT-s-OFDM 256QAM	1	1	/	17.73	/	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.70	/	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	21.96	22.01	21.98	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	21.98	21.99	22.00	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.04	21.98	21.97	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.01	22.01	22.02	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.01	22.04	21.97	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.01	21.97	21.99	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.01	22.01	21.98	23.50

N77				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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.61	21.62	21.55	22.50
		1	137	21.61	21.62	21.59	22.50
		1	271	21.52	21.54	21.59	22.50
		135	0	21.00	21.03	21.04	22.00
		135	69	21.62	21.61	21.63	22.50
		135	138	21.11	21.10	21.13	22.00
		270	0	21.08	21.08	21.01	22.00
	DFT-s-OFDM QPSK	1	1	21.57	21.67	21.64	22.50
		1	137	21.62	21.61	21.60	22.50
		1	271	21.59	21.56	21.60	22.50
		135	0	20.52	20.55	20.51	21.50
		135	69	21.66	21.66	<b>21.61</b>	22.50
		135	138	20.57	20.52	20.50	21.50
	DFT-s-OFDM 16QAM	1	1	20.52	20.58	20.51	21.50
		1	1	19.29	19.23	19.32	20.00



	DFT-s-OFDM 256QAM	1	1	17.19	17.17	17.22	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.18	19.12	19.21	20.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	21.56	21.64	21.54	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	21.58	21.65	21.55	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	21.58	21.65	21.55	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	21.61	21.61	21.58	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	21.56	21.56	21.56	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	21.58	21.56	21.61	22.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	21.60	21.61	21.60	22.50

N77 Receiver on				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.64	/	17.00	
		1	137	/	16.66	/	17.00	
		1	271	/	16.49	/	17.00	
		135	0	/	16.68	/	17.00	
		135	69	/	16.60	/	17.00	
		135	138	/	16.62	/	17.00	
		DFT-s-OFDM QPSK	270	0	/	16.46	/	17.00
	1		1	/	16.82	/	17.00	
	1		137	/	16.63	/	17.00	
	1		271	/	16.64	/	17.00	
		135	0	/	16.48	/	17.00	
		135	69	/	16.65	/	17.00	



		135	138	/	16.66	/	17.00
		270	0	/	16.68	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.64	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	16.64	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	16.50	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.61	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.40	16.44	16.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.38	16.46	16.35	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.43	16.41	16.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.36	16.46	16.36	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.37	16.47	16.31	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.43	16.40	16.37	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.39	16.41	16.37	17.00

N77 Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	18.01	/	18.50
		1	137	/	18.02	/	18.50
		1	271	/	17.85	/	18.50
		135	0	/	18.01	/	18.50
		135	69	/	18.00	/	18.50

	DFT-s-OFDM QPSK	135	138	/	18.07	/	18.50
		270	0	/	17.86	/	18.50
		1	1	/	18.19	/	18.50
		1	137	/	18.03	/	18.50
		1	271	/	18.03	/	18.50
		135	0	/	17.90	/	18.50
		135	69	/	18.06	/	18.50
		135	138	/	18.03	/	18.50
	270	0	/	18.00	/	18.50	
		DFT-s-OFDM 16QAM	1	1	/	18.06	/
	DFT-s-OFDM 64QAM	1	1	/	18.05	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.91	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	18.02	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.13	17.18	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.13	17.18	17.02	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.05	17.15	17.02	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.08	17.12	17.05	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.14	17.18	17.02	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.05	17.10	17.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.13	17.11	17.05	18.50

N77 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	17.33	/	18.50
		1	137	/	17.34	/	18.50
		1	271	/	17.21	/	18.50
		135	0	/	16.69	/	18.00
		135	69	/	17.28	/	18.50
		135	138	/	16.53	/	18.00
		270	0	/	16.69	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.41	/	18.50
		1	137	/	17.28	/	18.50
		1	271	/	17.23	/	18.50
		135	0	/	16.19	/	17.50
		135	69	/	17.35	/	18.50
		135	138	/	15.96	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	15.87	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	14.89	/	16.00
DFT-s-OFDM 256QAM	1	1	/	12.83	/	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.86	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.03	17.15	17.08	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.03	17.10	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.10	17.07	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.06	17.10	17.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.11	17.10	17.04	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.10	17.09	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up





<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.07	17.15	17.11	18.50
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N77 Receiver 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	15.20	15.16	15.09	16.00
		1	137	15.19	15.20	15.16	16.00
		1	271	15.17	15.20	15.21	16.00
		135	0	15.20	15.17	15.17	16.00
		135	69	15.18	15.18	15.13	16.00
		135	138	15.21	15.22	15.18	16.00
	DFT-s-OFDM QPSK	270	0	15.19	15.17	15.19	16.00
		1	1	15.25	15.35	15.29	16.00
		1	137	15.19	15.17	15.15	16.00
		1	271	15.23	15.19	15.15	16.00
		135	0	15.14	15.23	15.16	16.00
		135	69	15.31	15.32	<b>15.19</b>	16.00
	DFT-s-OFDM 16QAM	135	138	15.19	15.17	15.17	16.00
		270	0	15.23	15.27	15.21	16.00
		1	1	15.23	15.22	15.17	16.00
	DFT-s-OFDM 64QAM	1	1	15.27	15.24	15.17	16.00
	DFT-s-OFDM 256QAM	1	1	15.16	15.17	15.19	16.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	15.24	15.21	15.14	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.12	15.13	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.17	15.19	15.14	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.11	15.19	15.18	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.13	15.19	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	660600	663666	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.14	15.17	15.15	16.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	15.17	15.13	15.16	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	15.17	15.15	15.16	16.00

N77 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	16.72	16.72	16.60	17.50
		1	137	16.70	16.71	16.69	17.50
		1	271	16.65	16.64	16.73	17.50
		135	0	16.69	16.73	16.61	17.50
		135	69	16.72	16.69	16.61	17.50
		135	138	16.77	16.72	16.70	17.50
	DFT-s-OFDM QPSK	270	0	16.66	16.66	16.67	17.50
		1	1	16.68	16.90	16.77	17.50
		1	137	16.71	16.73	16.62	17.50
		1	271	16.78	16.70	16.64	17.50
		135	0	16.70	16.72	16.69	17.50
		135	69	16.82	16.88	<b>16.64</b>	17.50
	DFT-s-OFDM 16QAM	135	138	16.74	16.66	16.64	17.50
		270	0	16.70	16.71	16.64	17.50
		1	1	16.67	16.70	16.65	17.50
	DFT-s-OFDM 64QAM	1	1	16.72	16.70	16.68	17.50
		1	1	16.70	16.65	16.69	17.50
		1	1	16.70	16.65	16.69	17.50
DFT-s-OFDM 256QAM	1	1	16.70	16.65	16.69	17.50	
	1	1	16.70	16.65	16.69	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	662332	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649000	656000	663000	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	17.50

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.62	16.68	16.62	17.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.65	16.65	16.64	17.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.63	16.66	16.64	17.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.63	16.64	16.61	17.50

N77 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750.00	3840.00	3930.00	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.70	16.76	16.67	17.50
		1	137	16.73	16.73	16.67	17.50
		1	271	16.63	16.68	16.71	17.50
		135	0	16.08	16.14	16.11	17.00
		135	69	16.70	16.68	16.77	17.50
		135	138	16.21	16.22	16.20	17.00
		270	0	16.21	16.15	16.08	17.00
	DFT-s-OFDM QPSK	1	1	16.65	16.84	16.74	17.50
		1	137	16.70	16.72	16.70	17.50
		1	271	16.69	16.68	16.71	17.50
		135	0	15.66	15.67	15.62	16.50
		135	69	16.80	16.84	<b>16.70</b>	17.50
		135	138	15.70	15.61	15.61	16.50
	DFT-s-OFDM 16QAM	1	1	15.64	15.58	15.64	16.50
		1	1	15.61	15.72	15.64	16.50
		1	1	14.40	14.35	14.41	15.00
		1	1	12.27	12.31	12.31	13.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	14.37	14.32	14.38	15.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.66	16.76	16.64	17.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.67	16.79	16.65	17.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	16.63	16.76	16.64	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.63	16.71	16.65	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.66	16.75	16.64	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.67	16.74	16.62	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	16.63	16.72	16.61	17.50

N78 PC2				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	/	23.50	
		1	137	/	22.86	/	23.50	
		1	271	/	22.66	/	23.50	
		135	0	/	22.83	/	23.50	
		135	69	/	22.16	/	23.00	
		135	138	/	22.61	/	23.50	
		270	0	/	22.30	/	23.00	
	DFT-s-OFDM QPSK	1	1	/	22.22	/	23.00	
		1	137	/	22.89	/	23.50	
		1	271	/	22.72	/	23.50	
		135	0	/	22.83	/	23.50	
		135	69	/	22.24	/	22.50	
		135	138	/	22.67	/	23.50	
		270	0	/	22.33	/	22.50	
	DFT-s-OFDM 16QAM	1	1	/	21.88	/	22.50	
	DFT-s-OFDM 64QAM	1	1	/	21.77	/	22.50	
	DFT-s-OFDM 256QAM	1	1	/	20.86	/	21.00	
	18.88	/	19.00					
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	633334	/	21.00
20.75	/	21.00						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		



<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.53	22.56	22.50	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.53	22.53	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.57	22.50	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.58	22.51	22.50	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.50	22.53	22.51	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.53	22.51	22.50	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.56	22.52	22.49	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.51	22.57	22.49	23.50

N78 PC3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.15	/	20.00
		1	137	/	18.96	/	20.00
		1	271	/	19.17	/	20.00
		135	0	/	18.45	/	19.50
		135	69	/	18.94	/	20.00
		135	138	/	18.57	/	19.50
		270	0	/	18.47	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.15	/	20.00
		1	137	/	19.04	/	20.00
		1	271	/	19.10	/	20.00
		135	0	/	18.51	/	19.00
		135	69	/	18.98	/	20.00
		135	138	/	18.58	/	19.00
		270	0	/	18.26	/	19.00
DFT-s-OFDM 16QAM	1	1	/	18.13	/	19.00	



	DFT-s-OFDM 64QAM	1	1	/	17.21	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	15.22	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.10	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.84	18.87	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.78	18.80	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.95	18.86	18.86	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.83	18.84	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.81	18.83	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.87	18.78	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.90	18.81	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.81	18.95	18.75	20.00

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.01	/	23.50
		1	137	/	22.95	/	23.50
		1	271	/	22.88	/	23.50
		135	0	/	22.36	/	23.00
		135	69	/	22.98	/	23.50

	DFT-s-OFDM QPSK	135	138	/	22.10	/	23.00
		270	0	/	22.39	/	23.00
		1	1	/	23.02	/	23.50
		1	137	/	22.96	/	23.50
		1	271	/	22.87	/	23.50
		135	0	/	21.86	/	22.50
		135	69	/	22.99	/	23.50
		135	138	/	21.62	/	22.50
	270	0	/	21.77	/	22.50	
		DFT-s-OFDM 16QAM	1	1	/	21.50	/
	DFT-s-OFDM 64QAM	1	1	/	20.61	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	18.50	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.55	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.71	22.70	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.75	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.76	22.77	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	22.76	22.69	22.72	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.78	22.73	22.74	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.71	22.72	22.75	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.70	22.70	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.76	22.75	22.71	23.50



N78 PC2				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	/	19.52	/	20.00
		1	137	/	19.21	/	20.00
		1	271	/	19.31	/	20.00
		135	0	/	19.00	/	19.50
		135	69	/	19.37	/	20.00
		135	138	/	18.66	/	19.50
		270	0	/	18.73	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.66	/	20.00
		1	137	/	19.37	/	20.00
		1	271	/	19.56	/	20.00
		135	0	/	18.38	/	19.00
		135	69	/	19.32	/	20.00
		135	138	/	18.32	/	19.00
		270	0	/	18.17	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.77	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.20	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	15.05	/	15.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.13	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.15	19.08	18.97	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.94	19.25	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	19.41	19.22	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.19	19.07	19.02	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.07	19.03	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.31	18.98	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.25	19.03	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.39	19.24	19.29	20.00

N78 ENDC Receiver on & Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	9.61	/	10.00
		1	137	/	9.67	/	10.00
		1	271	/	9.60	/	10.00
		135	0	/	9.68	/	10.00
		135	69	/	9.54	/	10.00
		135	138	/	9.56	/	10.00
		270	0	/	9.63	/	10.00
	DFT-s-OFDM QPSK	1	1	/	9.77	/	10.00
		1	137	/	9.60	/	10.00
		1	271	/	9.71	/	10.00
		135	0	/	9.43	/	10.00
		135	69	/	9.87	/	10.00
		135	138	/	9.63	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	9.59	/	10.00
		1	1	/	9.66	/	10.00
		1	1	/	9.31	/	10.00
DFT-s-OFDM 256QAM	1	1	/	9.31	/	10.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	9.55	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	8.87	8.83	8.85	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	8.81	8.96	8.81	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	8.92	8.89	8.91	10.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	8.90	8.90	8.87	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	8.86	8.84	8.86	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	8.90	8.96	8.85	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	8.87	8.97	8.90	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	8.86	8.89	8.78	10.00

N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.01	/	13.50
		1	137	/	13.01	/	13.50
		1	271	/	12.86	/	13.50
		135	0	/	13.07	/	13.50
		135	69	/	12.96	/	13.50
		135	138	/	13.16	/	13.50
	DFT-s-OFDM QPSK	270	0	/	13.01	/	13.50
		1	1	/	13.10	/	13.50
		1	137	/	12.98	/	13.50
		1	271	/	13.08	/	13.50
		135	0	/	13.05	/	13.50
		135	69	/	13.14	/	13.50
	DFT-s-OFDM 16QAM	135	138	/	12.97	/	13.50
		270	0	/	13.03	/	13.50
		1	1	/	13.05	/	13.50
		1	1	/	13.17	/	13.50
		1	1	/	12.63	/	13.50
	DFT-s-OFDM 256QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.06	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	12.83	12.94	12.89	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	12.87	12.95	12.77	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	12.81	12.91	12.78	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	12.86	12.90	12.85	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	12.80	12.85	12.84	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	12.82	12.90	12.89	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.85	12.94	12.82	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.83	12.82	12.84	13.50

N78 ENDC 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	9.52	/	10.00
		1	137	/	9.21	/	10.00
		1	271	/	9.31	/	10.00
		135	0	/	9.00	/	10.00
		135	69	/	9.37	/	10.00
		135	138	/	9.55	/	10.00
		270	0	/	9.45	/	10.00
	DFT-s-OFDM QPSK	1	1	/	9.78	/	10.00
		1	137	/	9.37	/	10.00
		1	271	/	9.56	/	10.00
		135	0	/	9.38	/	10.00
		135	69	/	9.88	/	10.00
		135	138	/	9.42	/	10.00
DFT-s-OFDM 16QAM	1	1	/	9.25	/	10.00	
				/	9.59	/	10.00

	DFT-s-OFDM 64QAM	1	1	/	9.66	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	9.51	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	9.55	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	8.94	8.92	8.85	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	8.94	8.96	8.88	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	8.91	8.86	8.85	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	8.83	8.89	8.76	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	8.86	8.96	8.79	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	8.86	8.94	8.83	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	8.82	8.89	8.82	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	8.79	8.89	8.85	10.00

N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.20	/	13.50
		1	137	/	13.25	/	13.50
		1	271	/	13.18	/	13.50
		135	0	/	13.18	/	13.50
		135	69	/	13.10	/	13.50
		135	138	/	13.16	/	13.50

		270	0	/	13.27	/	13.50
	DFT-s-OFDM QPSK	1	1	/	13.40	/	13.50
		1	137	/	13.22	/	13.50
		1	271	/	13.29	/	13.50
		135	0	/	13.00	/	13.50
		135	69	/	13.42	/	13.50
		135	138	/	13.25	/	13.50
		270	0	/	13.22	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	13.21	/	13.50
	DFT-s-OFDM 64QAM	1	1	/	13.25	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	12.77	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.24	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	12.89	12.92	12.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	12.94	12.91	12.79	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	12.86	12.88	12.78	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	12.80	12.94	12.83	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	12.84	12.85	12.84	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	12.79	12.88	12.77	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.90	12.91	12.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.86	12.96	12.79	13.50

**N78 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	/	12.23	/	13.00	
		1	137	/	12.28	/	13.00	
		1	271	/	12.22	/	13.00	
		135	0	/	12.30	/	13.00	
		135	69	/	12.31	/	13.00	
		135	138	/	12.24	/	13.00	
			270	0	/	12.24	/	13.00
		DFT-s-OFDM QPSK	1	1	/	12.43	/	13.00
			1	137	/	12.22	/	13.00
			1	271	/	12.27	/	13.00
			135	0	/	12.23	/	13.00
			135	69	/	12.39	/	13.00
			135	138	/	12.28	/	13.00
			270	0	/	12.25	/	13.00
		DFT-s-OFDM 16QAM	1	1	/	12.25	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	12.28	/	13.00	
	DFT-s-OFDM 256QAM	1	1	/	12.23	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	12.25	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	12.27	12.30	12.33	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	12.34	12.25	12.37	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		
70MHz	DFT-s-OFDM QPSK	1	1	12.29	12.19	12.40	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	12.29	12.24	12.41	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	12.25	12.29	12.30	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	12.28	12.31	12.35	13.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.26	12.20	12.40	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.20	12.21	12.29	13.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.95	/	14.50
		1	137	/	13.79	/	14.50
		1	271	/	13.90	/	14.50
		135	0	/	13.26	/	14.00
		135	69	/	13.74	/	14.50
		135	138	/	13.41	/	14.00
		270	0	/	13.31	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.01	/	14.50
		1	137	/	13.85	/	14.50
		1	271	/	13.97	/	14.50
		135	0	/	13.38	/	13.50
		135	69	/	13.76	/	14.50
		135	138	/	13.41	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.85	/	13.50
		1	1	/	11.93	/	12.00
		1	1	/	9.72	/	10.00
		1	1	/	9.72	/	10.00
	DFT-s-OFDM 256QAM	1	1	/	9.72	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	11.90	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.63	13.59	13.44	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.65	13.63	13.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	13.70	13.63	13.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	13.70	13.60	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.66	13.64	13.31	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.62	13.59	13.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.64	13.61	13.38	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.68	13.59	13.36	14.50

N78 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	12.44	/	13.00
		1	137	/	12.47	/	13.00
		1	271	/	12.44	/	13.00
		135	0	/	12.40	/	13.00
		135	69	/	12.45	/	13.00
		135	138	/	12.48	/	13.00
	DFT-s-OFDM QPSK	270	0	/	12.63	/	13.00
		1	1	/	12.49	/	13.00
		1	137	/	12.45	/	13.00
		1	271	/	12.46	/	13.00
		135	0	/	12.57	/	13.00
		135	69	/	12.48	/	13.00
	DFT-s-OFDM 16QAM	135	138	/	12.41	/	13.00
		270	0	/	12.41	/	13.00
		1	1	/	12.48	/	13.00
	DFT-s-OFDM 64QAM	1	1	/	12.43	/	13.00
1		1	/	12.43	/	13.00	
1		1	/	12.43	/	13.00	
DFT-s-OFDM 256QAM	1	1	/	12.43	/	13.00	
	1	1	/	12.43	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.40	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	12.53	12.31	12.43	13.00





Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	12.44	12.36	12.42	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	12.44	12.22	12.29	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	12.49	12.22	12.37	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	12.53	12.35	12.37	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	12.42	12.31	12.44	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.49	12.30	12.30	13.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.47	12.35	12.36	13.00

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	14.15	/	14.50
		1	137	/	14.08	/	14.50
		1	271	/	14.00	/	14.50
		135	0	/	13.45	/	13.50
		135	69	/	14.11	/	14.50
		135	138	/	13.16	/	13.50
		270	0	/	13.45	/	13.50
	DFT-s-OFDM QPSK	1	1	/	14.15	/	14.50
		1	137	/	14.05	/	14.50
		1	271	/	13.94	/	14.50
		135	0	/	12.96	/	13.50
		135	69	/	14.11	/	14.50
		135	138	/	12.68	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.65	/	13.50
DFT-s-OFDM 64QAM	1	1	/	11.75	/	12.00	



	DFT-s-OFDM 256QAM	1	1	/	9.63	/	10.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	11.72	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	13.86	13.87	13.76	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	13.94	13.88	13.80	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	13.92	13.83	13.72	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	13.88	13.85	13.83	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	13.98	13.80	13.77	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	13.87	13.91	13.81	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.85	13.86	13.83	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	13.85	13.81	13.78	14.50

### 11.4 Conducted Power of NR Antenna (Ant3)

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	24.57	24.57	24.57	25.50
		1	135	24.64	24.59	24.53	25.50
		1	268	24.53	24.61	24.53	25.50
		135	0	24.06	24.02	23.97	25.00
		135	67	24.64	24.71	24.67	25.50
		135	135	24.24	24.25	24.29	25.00
		270	0	24.15	24.10	24.11	25.00
	DFT-s-OFDM QPSK	1	1	24.65	24.85	24.63	25.50
		1	135	24.74	24.71	24.71	25.50
		1	268	24.60	24.62	24.57	25.50
		135	0	23.75	23.66	23.65	24.50
		135	67	24.76	24.79	24.69	25.50
		135	135	23.80	23.75	23.71	24.50
	DFT-s-OFDM 16QAM	1	1	23.95	23.86	23.94	24.50
DFT-s-OFDM 64QAM		1	1	22.19	22.19	22.17	23.00
		DFT-s-OFDM 256QAM	1	1	19.86	19.89	19.89
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
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	

<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	24.41	24.43	24.36	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	24.44	24.35	24.31	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	24.41	24.41	24.32	25.50

N7 Sensor on & Hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.62	20.66	20.67	21.50	
		1	135	20.78	20.65	20.61	21.50	
		1	268	20.67	20.75	20.63	21.50	
		135	0	20.70	20.70	20.71	21.50	
		135	67	20.70	20.66	20.63	21.50	
		135	135	20.80	20.66	20.68	21.50	
		270	0	20.62	20.73	20.66	21.50	
	DFT-s-OFDM QPSK	1	1	20.74	21.01	20.77	21.50	
		1	135	20.71	20.69	20.71	21.50	
		1	268	20.74	20.65	20.60	21.50	
		135	0	20.63	20.79	20.68	21.50	
		135	67	20.87	20.95	20.79	21.50	
		135	135	20.64	20.68	20.70	21.50	
		270	0	20.78	20.70	20.63	21.50	
	DFT-s-OFDM 16QAM	1	1	20.63	20.69	20.72	21.50	
	DFT-s-OFDM 64QAM	1	1	20.82	20.68	20.62	21.50	
	DFT-s-OFDM 256QAM	1	1	19.86	19.89	19.89	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
	<b>50MHz</b>	CP-OFDM QPSK	1	1	20.38	20.15	20.10	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.33	20.13	20.19	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.34	20.14	20.11	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		

<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	20.29	20.21	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.27	20.22	20.08	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.35	20.12	20.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.36	20.14	20.14	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.26	20.24	20.14	21.50

N38				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
				2590	2595	2600		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.49	24.56	24.51	25.50	
		1	53	24.55	24.52	24.48	25.50	
		1	104	24.49	24.51	24.52	25.50	
		50	0	23.94	23.93	23.93	25.00	
		50	28	24.62	24.67	24.59	25.50	
		50	56	24.24	24.23	24.21	25.00	
		100	0	24.12	24.10	24.05	25.00	
	DFT-s-OFDM QPSK	1	1	24.58	24.81	24.62	25.50	
		1	53	24.63	24.69	24.70	25.50	
		1	104	24.53	24.58	24.50	25.50	
		50	0	23.70	23.62	23.66	24.50	
		50	28	24.66	24.75	24.68	25.50	
		50	56	23.69	23.71	23.72	24.50	
		100	0	23.54	23.59	23.58	24.50	
	DFT-s-OFDM 16QAM	1	1	23.90	23.81	23.89	24.50	
	DFT-s-OFDM 64QAM	1	1	22.16	22.18	22.12	23.00	
	DFT-s-OFDM 256QAM	1	1	19.81	19.86	19.83	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					518000	519000	520000	
	<b>40MHz</b>	CP-OFDM QPSK	1	1	22.05	22.07	22.01	23.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000		



<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.37	24.32	24.33	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.34	24.30	24.30	25.50

N38 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		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.63	19.71	19.58	20.50	
		1	53	19.61	19.61	19.57	20.50	
		1	104	19.57	19.65	19.70	20.50	
		50	0	19.61	19.68	19.64	20.50	
		50	28	19.60	19.68	19.67	20.50	
		50	56	19.67	19.65	19.61	20.50	
	DFT-s-OFDM QPSK	100	0	19.62	19.64	19.65	20.50	
		1	1	19.70	19.92	19.75	20.50	
		1	53	19.58	19.65	19.60	20.50	
		1	104	19.59	19.62	19.52	20.50	
		50	0	19.63	19.64	19.66	20.50	
		50	28	19.80	19.86	19.78	20.50	
	DFT-s-OFDM 16QAM	50	56	19.58	19.68	19.60	20.50	
		100	0	19.61	19.66	19.57	20.50	
		DFT-s-OFDM 16QAM	1	1	19.63	19.67	19.62	20.50
		DFT-s-OFDM 64QAM	1	1	19.64	19.67	19.52	20.50
DFT-s-OFDM 256QAM	1	1	19.61	19.59	19.69	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
<b>40MHz</b>	CP-OFDM QPSK	1	1	19.61	19.64	19.49	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.47	19.50	19.37	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.48	19.51	19.46	20.50	

N41				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM	1	1	24.23	24.15	24.26	24.19	24.23	25.00
		1	137	24.21	24.28	24.29	24.20	24.17	25.00



				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	24.04	23.99	23.98	23.97	24.03	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.05	23.96	24.03	24.03	24.01	25.00

N41 Sensor on & Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.25	20.25	20.38	20.26	20.29	21.00
		1	137	20.39	20.45	20.36	20.32	20.34	21.00
		1	271	20.30	20.29	20.29	20.36	20.32	21.00
		135	0	20.22	20.25	20.32	20.30	20.23	21.00
		135	69	20.19	20.20	20.32	20.30	20.29	21.00
		135	138	20.45	20.44	20.35	20.30	20.29	21.00
		270	0	20.34	20.32	20.32	20.36	20.28	21.00
	DFT-s-OFDM QPSK	1	1	20.43	20.43	20.65	20.48	20.43	21.00
		1	137	20.24	20.22	20.30	20.28	20.29	21.00
		1	271	20.42	20.43	20.36	20.32	20.32	21.00
		135	0	20.37	20.34	20.36	20.28	20.36	21.00
		135	69	20.46	20.49	20.52	20.49	20.43	21.00
		135	138	20.24	20.21	20.31	20.31	20.29	21.00
	270	0	20.25	20.18	20.38	20.25	20.28	21.00	
	DFT-s-OFDM 16QAM	1	1	20.41	20.42	20.34	20.34	20.34	21.00
	DFT-s-OFDM 64QAM	1	1	20.34	20.37	20.30	20.33	20.34	21.00
	DFT-s-OFDM 256QAM	1	1	19.59	19.55	19.59	19.49	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.31	20.34	20.27	20.30	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.02	20.10	20.06	20.07	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.01	20.14	20.05	20.10	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512406	518598	525300	531000	
<b>70MHz</b>	DFT-s-OFDM	1	1	20.02	20.15	20.05	20.07	20.13	21.00



	QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.07	20.09	20.03	20.08	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.05	20.11	20.04	20.09	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.04	20.11	20.01	20.14	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.05	20.14	20.04	20.15	20.08	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.03	20.16	20.09	20.16	20.12	21.00

### 11.5 Conducted Power of NR Antenna (Ant4)

N77				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	/	22.12	/	23.00
		1	137	/	22.17	/	23.00
		1	271	/	22.12	/	23.00
		135	0	/	21.57	/	22.50
		135	69	/	22.31	/	23.00
		135	138	/	21.79	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.70	/	22.50
		1	1	/	22.31	/	23.00
		1	137	/	22.27	/	23.00
		1	271	/	22.19	/	23.00
		135	0	/	21.29	/	22.00
		135	69	/	22.25	/	23.00
	DFT-s-OFDM 16QAM	135	138	/	21.27	/	22.00
		270	0	/	21.27	/	22.00
		1	1	/	21.46	/	22.00
		1	1	/	19.70	/	20.50
DFT-s-OFDM 64QAM	1	1	/	17.57	/	18.50	
	1	1	/				
DFT-s-OFDM 256QAM	1	1	/				
	1	1	/				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.59	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.06	22.00	22.03	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.02	22.01	22.05	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.02	22.01	22.05	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.06	22.08	22.07	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	



<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.06	22.10	22.06	23.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.05	22.01	22.05	23.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.04	22.06	22.09	23.00

<b>N77</b>				<b>Conducted Power(dBm)</b>			
SCS 30kHz(3700~3980)							
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				650000	656000	662000	
				3750.00	3840.00	3930.00	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.03	22.08	21.70	22.50
		1	137	22.04	22.07	21.69	22.50
		1	271	22.03	22.05	21.68	22.50
		135	0	21.56	21.55	21.06	22.00
		135	69	22.19	22.20	21.85	22.50
		135	138	21.72	21.67	21.39	22.00
	DFT-s-OFDM QPSK	270	0	21.66	21.67	21.21	22.00
		1	1	22.18	22.33	21.79	22.50
		1	137	22.21	22.22	21.74	22.50
		1	271	22.12	22.10	21.74	22.50
		135	0	21.25	21.31	20.88	21.50
		135	69	22.24	22.25	<b>21.80</b>	22.50
	DFT-s-OFDM 16QAM	135	138	21.31	21.29	20.80	21.50
		270	0	21.17	21.21	20.80	21.50
		1	1	21.43	21.40	20.98	21.50
		1	1	19.68	19.69	19.32	20.00
		1	1	17.42	17.39	16.93	18.00
	<b>DFT-s-OFDM 256QAM</b>						
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.57	19.58	19.21	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649668	656000	662332	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.05	22.07	22.05	22.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.10	22.03	22.07	22.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649000	656000	663000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.09	22.05	22.01	22.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.02	22.03	22.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	22.02	22.10	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.04	22.08	22.02	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.05	22.00	22.10	22.50

N77 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	/	18.73	/	19.50
		1	137	/	18.72	/	19.50
		1	271	/	18.74	/	19.50
		135	0	/	18.81	/	19.50
		135	69	/	18.76	/	19.50
		135	138	/	18.79	/	19.50
		270	0	/	18.79	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.92	/	19.50
		1	137	/	18.78	/	19.50
		1	271	/	18.74	/	19.50
		135	0	/	18.77	/	19.50
		135	69	/	18.85	/	19.50
		135	138	/	18.75	/	19.50
		270	0	/	18.78	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.77	/	19.50
DFT-s-OFDM 64QAM	1	1	/	18.76	/	19.50	
DFT-s-OFDM 256QAM	1	1	/	17.57	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.73	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.72	18.63	18.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	



<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.69	18.56	18.63	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.70	18.56	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.63	18.57	18.58	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.69	18.63	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.64	18.57	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.71	18.57	18.63	19.50

N77 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.73	/	20.50
		1	137	/	19.78	/	20.50
		1	271	/	19.72	/	20.50
		135	0	/	19.78	/	20.50
		135	69	/	19.80	/	20.50
		135	138	/	19.79	/	20.50
		270	0	/	19.75	/	20.50
	DFT-s-OFDM QPSK	1	1	/	19.94	/	20.50
		1	137	/	19.79	/	20.50
		1	271	/	19.74	/	20.50
		135	0	/	19.73	/	20.50
		135	69	/	19.85	/	20.50
		135	138	/	19.76	/	20.50
		270	0	/	19.77	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.73	/	20.50
DFT-s-OFDM 64QAM	1	1	/	19.76	/	20.50	
DFT-s-OFDM 256QAM	1	1	/	17.57	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.73	/	20.50

Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.70	19.64	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.68	19.59	19.59	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.68	19.62	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.69	19.63	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.72	19.59	19.59	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.71	19.62	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.69	19.63	19.64	20.50

N77 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.66	18.71	18.32	19.00
		1	137	18.58	18.68	18.29	19.00
		1	271	18.60	18.63	18.30	19.00
		135	0	18.68	18.65	18.28	19.00
		135	69	18.62	18.71	18.31	19.00
		135	138	18.67	18.71	18.24	19.00
	DFT-s-OFDM QPSK	270	0	18.63	18.61	18.27	19.00
		1	1	18.78	18.94	18.44	19.00
		1	137	18.68	18.65	18.27	19.00
		1	271	18.62	18.72	18.21	19.00
		135	0	18.62	18.66	18.28	19.00
		135	69	18.80	18.86	<b>18.43</b>	19.00
	DFT-s-OFDM 16QAM	135	138	18.69	18.69	18.28	19.00
		270	0	18.64	18.66	18.34	19.00
		1	1	18.65	18.72	18.29	19.00
DFT-s-OFDM 64QAM	1	1	18.57	18.61	18.29	19.00	



	DFT-s-OFDM 256QAM	1	1	17.42	17.39	16.93	18.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.54	18.58	18.26	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.64	18.67	18.65	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.62	18.68	18.61	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.69	18.66	18.61	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.64	18.71	18.66	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.70	18.69	18.65	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.68	18.66	18.67	19.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.66	18.68	18.67	19.00

N77 Sensor 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.65	19.71	19.31	20.00
		1	137	19.60	19.68	19.23	20.00
		1	271	19.64	19.64	19.32	20.00
		135	0	19.66	19.64	19.31	20.00
		135	69	19.66	19.67	19.28	20.00
		135	138	19.60	19.70	19.27	20.00
	DFT-s-OFDM QPSK	270	0	19.63	19.63	19.26	20.00
		1	1	19.73	19.96	19.41	20.00
		1	137	19.66	19.64	19.32	20.00
		1	271	19.66	19.74	19.26	20.00
		135	0	19.64	19.68	19.30	20.00
		135	69	19.83	19.85	<b>19.44</b>	20.00



		135	138	19.68	19.71	19.34	20.00
		270	0	19.66	19.70	19.31	20.00
	DFT-s-OFDM 16QAM	1	1	19.61	19.74	19.28	20.00
	DFT-s-OFDM 64QAM	1	1	19.59	19.60	19.27	20.00
	DFT-s-OFDM 256QAM	1	1	17.42	17.39	16.93	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 650000	<b>Channel</b> 656000	<b>Channel</b> 662000	<b>Tune up</b>
<b>100MHz</b>	CP-OFDM QPSK	1	1	19.56	19.57	19.24	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 649668	<b>Channel</b> 656000	<b>Channel</b> 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.70	19.69	19.67	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 649334	<b>Channel</b> 656000	<b>Channel</b> 662666	<b>Tune up</b>
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.66	19.70	19.63	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 649000	<b>Channel</b> 656000	<b>Channel</b> 663000	<b>Tune up</b>
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.64	19.69	19.61	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 648668	<b>Channel</b> 656000	<b>Channel</b> 663332	<b>Tune up</b>
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.70	19.69	19.63	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 648334	<b>Channel</b> 660600	<b>Channel</b> 663666	<b>Tune up</b>
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.67	19.73	19.61	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 648000	<b>Channel</b> 656000	<b>Channel</b> 664000	<b>Tune up</b>
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.64	19.68	19.67	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 647334	<b>Channel</b> 656000	<b>Channel</b> 664666	<b>Tune up</b>
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.64	19.70	19.60	20.00

N78 PC2				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	/	23.32	/	24.50
		1	137	/	23.33	/	24.50
		1	271	/	23.63	/	24.50
		135	0	/	23.02	/	24.00
		135	69	/	23.48	/	24.50
		135	138	/	23.11	/	24.00



		270	0	/	23.10	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.73	/	24.50
		1	137	/	23.32	/	24.50
		1	271	/	23.53	/	24.50
		135	0	/	22.73	/	23.50
		135	69	/	23.69	/	24.50
		135	138	/	22.63	/	23.50
		270	0	/	22.72	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.33	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.19	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.19	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		21.08		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.24	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.18	23.21	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.23	23.23	23.22	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.19	23.17	23.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.24	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.21	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.18	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.25	23.23	24.50

N78 PC3				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	/	20.61	/	21.50
		1	137	/	20.66	/	21.50
		1	271	/	21.02	/	21.50
		135	0	/	20.31	/	21.00
		135	69	/	20.73	/	21.50
		135	138	/	20.34	/	21.00
		270	0	/	20.46	/	21.00
	DFT-s-OFDM QPSK	1	1	/	21.02	/	21.50
		1	137	/	20.55	/	21.50
		1	271	/	20.91	/	21.50
		135	0	/	20.19	/	20.50
		135	69	/	21.00	/	21.50
		135	138	/	20.08	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.78	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	18.63	/	19.00
DFT-s-OFDM 256QAM	1	1	/	16.45	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		18.52		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.36	20.65	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.51	20.39	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.49	20.53	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.44	20.61	20.59	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.63	20.42	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.38	20.60	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.56	20.47	20.51	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.43	20.74	20.57	21.50

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.31	/	24.50
		1	137	/	23.37	/	24.50
		1	271	/	23.55	/	24.50
		135	0	/	22.97	/	24.00
		135	69	/	23.46	/	24.50
		135	138	/	23.08	/	24.00
		270	0	/	23.10	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.70	/	24.50
		1	137	/	23.35	/	24.50
		1	271	/	23.53	/	24.50
		135	0	/	22.71	/	23.50
		135	69	/	23.68	/	24.50
		135	138	/	22.62	/	23.50
		270	0	/	22.69	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.38	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.21	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.14	/	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.19	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.19	23.20	23.22	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.19	23.19	23.24	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.21	23.17	23.20	24.50

Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	23.20	23.17	23.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.18	23.24	23.24	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.19	23.23	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.18	23.18	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.20	23.20	23.19	24.50

N78 PC3				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up	
				/	3750.00	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.44	/	21.50	
		1	137	/	20.59	/	21.50	
		1	271	/	20.89	/	21.50	
		135	0	/	20.27	/	21.00	
		135	69	/	20.74	/	21.50	
		135	138	/	20.48	/	21.00	
		270	0	/	20.46	/	21.00	
	DFT-s-OFDM QPSK	1	1	/	20.87	/	21.50	
		1	137	/	20.45	/	21.50	
		1	271	/	20.70	/	21.50	
		135	0	/	19.96	/	20.50	
		135	69	/	20.82	/	21.50	
		135	138	/	20.02	/	20.50	
		270	0	/	19.85	/	20.50	
		DFT-s-OFDM 16QAM	1	1	/	19.51	/	20.50
		DFT-s-OFDM 64QAM	1	1	/	18.51	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	16.35	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.93	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	



<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.58	20.46	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.42	20.51	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.47	20.51	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	20.35	20.44	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.63	20.41	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.33	20.65	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.38	20.53	20.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.46	20.33	20.38	21.50

N78 PC2&3 ENDC 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	13.61	/	14.50
		1	137	/	13.18	/	14.50
		1	271	/	13.38	/	14.50
		135	0	/	13.08	/	14.50
		135	69	/	13.45	/	14.50
		135	138	/	13.61	/	14.50
		270	0	/	13.51	/	14.50
	DFT-s-OFDM QPSK	1	1	/	13.76	/	14.50
		1	137	/	13.42	/	14.50
		1	271	/	13.55	/	14.50
		135	0	/	13.35	/	14.50
		135	69	/	13.90	/	14.50
		135	138	/	13.50	/	14.50
		270	0	/	13.31	/	14.50
DFT-s-OFDM 16QAM	1	1	/	13.67	/	14.50	



	DFT-s-OFDM 64QAM	1	1	/	13.72	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	13.54	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.61	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	12.99	12.98	12.90	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	12.99	12.97	12.85	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	12.90	12.93	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	12.92	12.96	12.92	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	12.94	12.88	12.86	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	12.96	12.95	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	13.00	12.94	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	12.96	12.94	12.95	14.50

N78 PC2&3 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.21	/	17.00
		1	137	/	16.26	/	17.00
		1	271	/	16.24	/	17.00
		135	0	/	16.18	/	17.00
		135	69	/	16.16	/	17.00
		135	138	/	16.14	/	17.00

	DFT-s-OFDM QPSK	270	0	/	16.36	/	17.00
		1	1	/	16.41	/	17.00
		1	137	/	16.20	/	17.00
		1	271	/	16.38	/	17.00
		135	0	/	16.01	/	17.00
		135	69	/	16.47	/	17.00
		135	138	/	16.32	/	17.00
	270	0	/	16.28	/	17.00	
	DFT-s-OFDM 16QAM	1	1	/	16.29	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	16.23	/	17.00
DFT-s-OFDM 256QAM	1	1	/	15.75	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.20	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.99	15.93	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.92	15.99	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.93	15.88	15.91	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	15.85	15.99	15.93	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.96	15.95	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.90	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.93	15.94	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	15.89	15.96	17.00

**N78 PC2&3 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	/	16.30	/	17.00
		1	137	/	16.26	/	17.00
		1	271	/	16.35	/	17.00
		135	0	/	16.41	/	17.00
		135	69	/	16.50	/	17.00
		135	138	/	16.20	/	17.00
		270	0	/	16.43	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.87	/	17.00
		1	137	/	16.30	/	17.00
		1	271	/	16.40	/	17.00
		135	0	/	16.38	/	17.00
		135	69	/	16.67	/	17.00
		135	138	/	16.43	/	17.00
		270	0	/	16.48	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.28	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	16.22	/	17.00
DFT-s-OFDM 256QAM	1	1	/	15.69	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.19		17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.11	16.08	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.98	16.02	16.09	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.05	16.07	16.01	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.98	16.01	16.11	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.00	16.04	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.10	16.00	16.02	17.00





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.03	15.99	16.01	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.01	16.07	16.07	17.00

N78 PC2&3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.35	/	21.00
		1	137	/	20.28	/	21.00
		1	271	/	20.37	/	21.00
		135	0	/	20.49	/	21.00
		135	69	/	20.50	/	21.00
		135	138	/	20.27	/	21.00
		270	0	/	20.47	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.94	/	21.00
		1	137	/	20.36	/	21.00
		1	271	/	20.37	/	21.00
		135	0	/	20.39	/	21.00
		135	69	/	20.75	/	21.00
		135	138	/	20.39	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.25	/	21.00
		1	1	/	20.26	/	21.00
1		1	/	19.18	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		20.23		21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.69	20.78	20.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.75	20.67	20.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.81	20.76	20.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	



<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.81	20.66	20.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.72	20.75	20.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.79	20.71	20.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.75	20.75	20.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.76	20.65	20.80	21.00

N78 PC2&3 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.39	/	17.00
		1	137	/	16.49	/	17.00
		1	271	/	16.26	/	17.00
		135	0	/	16.29	/	17.00
		135	69	/	16.47	/	17.00
		135	138	/	16.28	/	17.00
		270	0	/	16.47	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.73	/	17.00
		1	137	/	16.15	/	17.00
		1	271	/	16.42	/	17.00
		135	0	/	16.37	/	17.00
		135	69	/	16.67	/	17.00
		135	138	/	16.47	/	17.00
		270	0	/	16.27	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.41	/	17.00
DFT-s-OFDM 64QAM	1	1	/	16.37	/	17.00	
DFT-s-OFDM 256QAM	1	1	/	15.32	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.34	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.15	16.03	16.31	17.00

Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.14	15.93	16.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	16.06	15.96	16.17	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	16.18	15.97	16.26	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.20	15.96	16.28	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.14	16.07	16.28	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.16	16.01	16.26	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.10	16.00	16.23	17.00

N78 PC2&3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.39	/	21.00
		1	137	/	20.56	/	21.00
		1	271	/	20.28	/	21.00
		135	0	/	20.32	/	21.00
		135	69	/	20.50	/	21.00
		135	138	/	20.32	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.72	/	21.00
		1	137	/	20.20	/	21.00
		1	271	/	20.48	/	21.00
		135	0	/	20.47	/	21.00
		135	69	/	20.68	/	21.00
		135	138	/	20.50	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.40	/	21.00
		1	1	/	20.44	/	21.00



	DFT-s-OFDM 256QAM	1	1	/	19.21	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.41	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.38	20.37	20.37	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.35	20.33	20.33	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.27	20.38	20.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	20.28	20.34	20.41	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.31	20.46	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.32	20.46	20.36	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.39	20.38	20.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.39	20.34	20.44	21.00

### 11.6 Conducted Power of NR Antenna (Ant5)

N77				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	24.21	/	25.50	
		1	137	/	24.22	/	25.50	
		1	271	/	24.26	/	25.50	
		135	0	/	23.68	/	25.00	
		135	69	/	24.33	/	25.50	
		135	138	/	23.90	/	25.00	
		270	0	/	23.72	/	25.00	
	DFT-s-OFDM QPSK	1	1	/	24.39	/	25.50	
		1	137	/	24.35	/	25.50	
		1	271	/	24.24	/	25.50	
		135	0	/	23.33	/	24.50	
		135	69	/	24.36	/	25.50	
		135	138	/	23.41	/	24.50	
	DFT-s-OFDM 16QAM	1	1	/	23.59	/	24.50	
		DFT-s-OFDM 64QAM	1	1	/	21.87	/	23.00
			DFT-s-OFDM 256QAM	1	1	/	19.53	/
	Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel
					/	633334	/	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.83	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.12	24.08	24.12	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.11	24.07	24.13	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.11	24.07	24.13	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	24.09	24.13	24.12	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		

<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	24.08	24.09	24.08	25.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.14	24.07	25.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	24.08	24.15	24.09	25.50

<b>N77</b>				<b>Conducted Power(dBm)</b>			
SCS 30kHz(3700~3980)							
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				650000	656000	662000	
				3750.00	3840.00	3930.00	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	24.30	24.33	24.16	25.50
		1	137	24.28	24.31	24.06	25.50
		1	271	24.35	24.36	24.19	25.50
		135	0	23.77	23.70	23.56	25.00
		135	69	24.43	24.39	24.28	25.50
		135	138	24.03	24.05	23.87	25.00
		270	0	23.85	23.87	23.69	25.00
	DFT-s-OFDM QPSK	1	1	24.39	24.48	24.22	25.50
		1	137	24.38	24.47	24.23	25.50
		1	271	24.35	24.29	24.20	25.50
		135	0	23.45	23.43	23.28	24.50
		135	69	24.45	24.47	<b>24.24</b>	25.50
		135	138	23.45	23.45	23.23	24.50
	DFT-s-OFDM 16QAM	1	1	23.63	23.63	23.49	24.50
		1	1	21.93	21.95	21.77	23.00
		1	1	19.68	19.67	19.45	21.00
		1	1	19.68	19.67	19.45	21.00
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	21.82	21.84	21.66	23.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649668	656000	662332	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	24.06	24.13	24.08	25.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.07	24.11	25.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649000	656000	663000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	24.14	24.09	24.10	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.11	24.07	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	24.09	24.14	24.15	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.07	24.07	24.09	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.09	24.10	24.10	25.50

N77 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	/	15.35	/	16.50	
		1	137	/	15.30	/	16.50	
		1	271	/	15.38	/	16.50	
		135	0	/	15.34	/	16.50	
		135	69	/	15.41	/	16.50	
		135	138	/	15.34	/	16.50	
	DFT-s-OFDM QPSK	270	0	/	15.36	/	16.50	
		1	1	/	15.53	/	16.50	
		1	137	/	15.36	/	16.50	
		1	271	/	15.32	/	16.50	
		135	0	/	15.42	/	16.50	
		135	69	/	15.47	/	16.50	
	DFT-s-OFDM 16QAM	135	138	/	15.38	/	16.50	
		270	0	/	15.29	/	16.50	
		DFT-s-OFDM 16QAM	1	1	/	15.37	/	16.50
		DFT-s-OFDM 64QAM	1	1	/	15.30	/	16.50
DFT-s-OFDM 256QAM	1	1	/	15.43	/	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	15.27	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	15.52	15.48	15.45	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		



<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.46	15.39	15.39	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.47	15.41	15.37	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.53	15.49	15.38	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.51	15.46	15.40	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.41	15.43	15.44	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.38	15.50	15.41	16.50

N77 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	18.36	/	19.50
		1	137	/	18.34	/	19.50
		1	271	/	18.44	/	19.50
		135	0	/	18.36	/	19.50
		135	69	/	18.37	/	19.50
		135	138	/	18.34	/	19.50
		270	0	/	18.44	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.53	/	19.50
		1	137	/	18.37	/	19.50
		1	271	/	18.28	/	19.50
		135	0	/	18.37	/	19.50
		135	69	/	18.49	/	19.50
		135	138	/	18.33	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.37	/	19.50
		1	1	/	18.30	/	19.50
1		1	/	18.40	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	18.27	/	19.50





Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.18	18.20	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.21	18.23	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.17	18.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.18	18.23	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.17	18.18	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.22	18.17	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.24	18.22	18.23	19.50

N77 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	15.40	15.47	15.27	16.50
		1	137	15.40	15.36	15.25	16.50
		1	271	15.41	15.44	15.28	16.50
		135	0	15.37	15.36	15.21	16.50
		135	69	15.44	15.45	15.22	16.50
		135	138	15.35	15.34	15.23	16.50
		270	0	15.33	15.40	15.20	16.50
	DFT-s-OFDM QPSK	1	1	15.51	15.61	15.32	16.50
		1	137	15.41	15.50	15.28	16.50
		1	271	15.32	15.37	15.21	16.50
		135	0	15.45	15.44	15.27	16.50
		135	69	15.54	15.60	<b>15.32</b>	16.50
		135	138	15.43	15.43	15.22	16.50
	DFT-s-OFDM 16QAM	1	1	15.41	15.46	15.28	16.50
DFT-s-OFDM 64QAM	1	1	15.40	15.41	15.17	16.50	



	DFT-s-OFDM 256QAM	1	1	15.45	15.51	15.23	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	15.37	15.38	15.14	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.24	15.32	15.26	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.23	15.30	15.23	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.23	15.28	15.20	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.20	15.23	15.19	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.22	15.26	15.25	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.19	15.24	15.24	16.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.16	15.29	15.23	16.50

N77 Sensor 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.44	18.44	18.21	19.50
		1	137	18.39	18.41	18.20	19.50
		1	271	18.46	18.48	18.25	19.50
		135	0	18.31	18.37	18.19	19.50
		135	69	18.40	18.48	18.27	19.50
		135	138	18.36	18.36	18.23	19.50
		270	0	18.37	18.37	18.17	19.50
	DFT-s-OFDM QPSK	1	1	18.47	18.62	18.33	19.50
		1	137	18.47	18.48	18.21	19.50
		1	271	18.32	18.42	18.17	19.50
		135	0	18.44	18.43	18.24	19.50
		135	69	18.52	18.60	<b>18.31</b>	19.50
		135	138	18.40	18.43	18.25	19.50
		270	0	18.38	18.36	18.22	19.50

	DFT-s-OFDM 16QAM	1	1	18.42	18.48	18.21	19.50
	DFT-s-OFDM 64QAM	1	1	18.37	18.41	18.22	19.50
	DFT-s-OFDM 256QAM	1	1	18.47	18.44	18.24	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	18.34	18.38	18.19	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.25	18.21	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.25	18.27	18.23	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.16	18.27	18.22	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.22	18.25	18.27	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.21	18.29	18.23	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.18	18.31	18.21	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.20	18.24	18.22	19.50

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	25.72	/	27.00
		1	137	/	25.80	/	27.00
		1	271	/	25.74	/	27.00
		135	0	/	25.30	/	26.50
		135	69	/	25.80	/	27.00
		135	138	/	25.20	/	26.50
	270	0	/	25.23	/	26.50	
	DFT-s-OFDM QPSK	1	1	/	25.82	/	27.00
		1	137	/	25.80	/	27.00

		1	271	/	25.74	/	27.00
		135	0	/	24.76	/	26.00
		135	69	/	25.80	/	27.00
		135	138	/	24.78	/	26.00
		270	0	/	24.73	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	24.57	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.53	/	24.50
DFT-s-OFDM 256QAM	1	1	/	21.24	/	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1		23.49		24.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.50	25.58	25.54	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.53	25.52	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.53	25.52	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.58	25.53	25.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.57	25.56	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.57	25.57	25.52	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.54	25.50	25.50	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.56	25.55	27.00

N78 PC3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.08	/	24.00
		1	137	/	23.19	/	24.00
		1	271	/	22.91	/	24.00
		135	0	/	22.73	/	23.50
		135	69	/	23.17	/	24.00
		135	138	/	22.42	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.46	/	23.50
		1	1	/	23.33	/	24.00
		1	137	/	23.07	/	24.00
		1	271	/	23.16	/	24.00
		135	0	/	22.04	/	23.00
		135	69	/	23.25	/	24.00
	DFT-s-OFDM 16QAM	135	138	/	22.20	/	23.00
		270	0	/	22.17	/	23.00
		1	1	/	21.91	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	21.00	/	21.50
DFT-s-OFDM 256QAM	1	1	/	18.56	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1		20.98		21.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.85	23.08	23.02	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.79	22.77	22.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	23.00	22.79	22.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.87	22.96	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.84	22.97	22.90	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.87	22.95	23.00	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up



<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.79	22.84	22.95	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.93	23.01	23.05	24.00

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	25.78	/	27.00
		1	137	/	25.72	/	27.00
		1	271	/	25.77	/	27.00
		135	0	/	25.18	/	26.50
		135	69	/	25.82	/	27.00
		135	138	/	25.50	/	26.50
		270	0	/	25.31	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.95	/	27.00
		1	137	/	25.81	/	27.00
		1	271	/	25.81	/	27.00
		135	0	/	24.85	/	26.00
		135	69	/	25.88	/	27.00
		135	138	/	24.95	/	26.00
	DFT-s-OFDM 16QAM	1	1	/	25.09	/	26.00
		1	1	/	23.41	/	24.50
		1	1	/	21.07	/	22.50
		1	1	/	21.07	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	23.39	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.52	25.53	25.51	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.50	25.52	25.50	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	25.50	25.52	25.50	27.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.56	25.56	25.50	27.00



Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.50	25.51	25.57	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.55	25.50	25.53	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	25.53	25.59	25.54	27.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.55	25.56	25.53	27.00

N78 PC3				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.78	/	24.00
		1	137	/	22.72	/	24.00
		1	271	/	22.77	/	24.00
		135	0	/	22.18	/	23.50
		135	69	/	22.82	/	24.00
		135	138	/	22.50	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.31	/	23.50
		1	1	/	22.95	/	24.00
		1	137	/	22.81	/	24.00
		1	271	/	22.81	/	24.00
		135	0	/	21.85	/	23.00
		135	69	/	22.88	/	24.00
	DFT-s-OFDM 16QAM	135	138	/	21.95	/	23.00
		270	0	/	21.91	/	23.00
		1	1	/	22.09	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.41	/	21.50
DFT-s-OFDM 256QAM	1	1	/	18.07	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.89	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.52	22.53	22.51	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up

<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.50	22.52	22.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.50	22.52	22.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	22.56	22.56	22.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.50	22.51	22.57	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.55	22.50	22.53	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.53	22.59	22.54	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.55	22.56	22.53	24.00

N78 Receiver on & Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	15.37	/	16.50
		1	137	/	15.35	/	16.50
		1	271	/	15.36	/	16.50
		135	0	/	15.35	/	16.50
		135	69	/	15.33	/	16.50
		135	138	/	15.39	/	16.50
		270	0	/	15.38	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.47	/	16.50
		1	137	/	15.35	/	16.50
		1	271	/	15.35	/	16.50
		135	0	/	15.29	/	16.50
		135	69	/	15.41	/	16.50
		135	138	/	15.29	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.34	/	16.50
		1	1	/	15.43	/	16.50
		1	1	/	15.34	/	16.50





Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		15.40		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.21	15.19	15.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.17	15.19	15.06	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.20	15.17	15.08	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.18	15.30	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.24	15.20	15.03	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.15	15.32	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.15	15.30	15.07	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.14	15.24	15.09	16.50

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	18.37	/	19.50
		1	137	/	18.35	/	19.50
		1	271	/	18.36	/	19.50
		135	0	/	18.35	/	19.50
		135	69	/	18.33	/	19.50
		135	138	/	18.39	/	19.50
	270	0	/	18.38	/	19.50	
	DFT-s-OFDM QPSK	1	1	/	18.47	/	19.50
		1	137	/	18.35	/	19.50
1		271	/	18.35	/	19.50	

		135	0	/	18.29	/	19.50
		135	69	/	18.41	/	19.50
		135	138	/	18.29	/	19.50
		270	0	/	18.38	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.34	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.43	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.34	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		18.40		19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.17	18.22	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.10	18.24	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.09	18.26	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.15	18.27	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.09	18.27	18.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.13	18.25	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.13	18.22	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.13	18.25	18.11	19.50

N78 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	/	

<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	15.33	/	16.50	
		1	137	/	15.43	/	16.50	
		1	271	/	15.29	/	16.50	
		135	0	/	15.35	/	16.50	
		135	69	/	15.34	/	16.50	
		135	138	/	15.41	/	16.50	
		270	0	/	15.35	/	16.50	
	DFT-s-OFDM QPSK	1	1	/	15.46	/	16.50	
		1	137	/	15.34	/	16.50	
		1	271	/	15.40	/	16.50	
		135	0	/	15.34	/	16.50	
		135	69	/	15.40	/	16.50	
		135	138	/	15.31	/	16.50	
	DFT-s-OFDM 16QAM	1	1	/	15.36	/	16.50	
	DFT-s-OFDM 64QAM	1	1	/	15.43	/	16.50	
	DFT-s-OFDM 256QAM	1	1	/	15.32	/	16.50	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
	<b>100MHz</b>	CP-OFDM QPSK	1	1	/	15.40	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.07	15.34	15.19	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.07	15.28	15.09	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.16	15.33	15.07	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	15.07	15.30	15.14	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.20	15.33	15.17	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.15	15.38	15.09	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.14	15.25	15.18	16.50	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.17	15.37	15.17	16.50

N78 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	18.33	/	19.50
		1	137	/	18.43	/	19.50
		1	271	/	18.29	/	19.50
		135	0	/	18.35	/	19.50
		135	69	/	18.34	/	19.50
		135	138	/	18.41	/	19.50
	DFT-s-OFDM QPSK	270	0	/	18.35	/	19.50
		1	1	/	18.46	/	19.50
		1	137	/	18.34	/	19.50
		1	271	/	18.40	/	19.50
		135	0	/	18.34	/	19.50
		135	69	/	18.40	/	19.50
	DFT-s-OFDM 16QAM	135	138	/	18.31	/	19.50
		270	0	/	18.37	/	19.50
		1	1	/	18.36	/	19.50
		1	1	/	18.43	/	19.50
DFT-s-OFDM 64QAM	1	1	/	18.32	/	19.50	
DFT-s-OFDM 256QAM	1	1	/	18.32	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	18.40	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	18.11	18.28	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.10	18.25	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	18.17	18.21	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.14	18.20	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	



<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	18.10	18.27	18.10	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.11	18.23	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.10	18.20	18.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.16	18.23	18.11	19.50

N78 ENDC Receiver on & Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	12.70	/	13.50
		1	137	/	12.74	/	13.50
		1	271	/	12.65	/	13.50
		135	0	/	12.77	/	13.50
		135	69	/	12.50	/	13.50
		135	138	/	12.67	/	13.50
	DFT-s-OFDM QPSK	270	0	/	12.74	/	13.50
		1	1	/	12.90	/	13.50
		1	137	/	12.68	/	13.50
		1	271	/	12.85	/	13.50
		135	0	/	12.46	/	13.50
		135	69	/	12.89	/	13.50
	DFT-s-OFDM 16QAM	135	138	/	12.60	/	13.50
		270	0	/	12.71	/	13.50
		1	1	/	12.68	/	13.50
		1	1	/	12.60	/	13.50
DFT-s-OFDM 64QAM	1	1	/	12.44	/	13.50	
	1	1	/	12.44	/	13.50	
	1	1	/	12.44	/	13.50	
DFT-s-OFDM 256QAM	1	1	/	12.44	/	13.50	
	1	1	/	12.44	/	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.49	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	11.90	11.82	11.86	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	11.92	11.83	11.83	13.50



Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	11.87	11.82	11.88	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	11.89	11.92	11.84	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	11.86	11.83	11.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	11.93	11.89	11.84	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	11.84	11.92	11.78	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	11.88	11.88	11.85	13.50

N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.00	/	16.50
		1	137	/	16.07	/	16.50
		1	271	/	15.82	/	16.50
		135	0	/	16.07	/	16.50
		135	69	/	16.00	/	16.50
		135	138	/	16.12	/	16.50
		270	0	/	15.98	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.19	/	16.50
		1	137	/	16.07	/	16.50
		1	271	/	16.15	/	16.50
		135	0	/	16.03	/	16.50
		135	69	/	16.23	/	16.50
		135	138	/	15.95	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.10	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	16.13	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.62	/	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	

<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.02	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.80	15.97	15.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	16.00	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.99	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.91	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.86	15.99	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.92	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.82	16.02	15.89	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.97	15.99	16.50

N78 ENDC Body worn				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	17.56	/	18.50
		1	137	/	17.67	/	18.50
		1	271	/	17.42	/	18.50
		135	0	/	17.63	/	18.50
		135	69	/	17.49	/	18.50
		135	138	/	17.69	/	18.50
	DFT-s-OFDM QPSK	270	0	/	17.45	/	18.50
		1	1	/	17.71	/	18.50
		1	137	/	17.63	/	18.50
		1	271	/	17.65	/	18.50
		135	0	/	17.54	/	18.50
		135	69	/	17.70	/	18.50



		135	138	/	17.40	/	18.50	
		270	0	/	17.61	/	18.50	
		DFT-s-OFDM 16QAM	1	1	/	17.58	/	18.50
		DFT-s-OFDM 64QAM	1	1	/	17.62	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.17	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.51	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.35	17.47	17.49	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.37	17.52	17.55	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.26	17.57	17.56	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.28	17.56	17.53	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.30	17.57	17.44	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.30	17.48	17.55	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.37	17.51	17.49	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.30	17.47	17.43	18.50	

N78 ENDC 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	12.64	/	13.50
		1	137	/	12.27	/	13.50



		1	271	/	12.34	/	13.50
		135	0	/	12.13	/	13.50
		135	69	/	12.43	/	13.50
		135	138	/	12.68	/	13.50
		270	0	/	12.51	/	13.50
	DFT-s-OFDM QPSK	1	1	/	12.79	/	13.50
		1	137	/	12.40	/	13.50
		1	271	/	12.64	/	13.50
		135	0	/	12.35	/	13.50
		135	69	/	12.96	/	13.50
		135	138	/	12.56	/	13.50
	DFT-s-OFDM 16QAM	270	0	/	12.27	/	13.50
		1	1	/	12.63	/	13.50
		1	1	/	12.76	/	13.50
DFT-s-OFDM 256QAM	1	1	/	12.58	/	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.65	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	12.00	12.05	11.94	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	12.08	12.02	11.86	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	11.98	11.97	11.92	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	12.03	12.03	11.92	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	12.00	12.00	11.94	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	12.07	12.01	11.98	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	12.04	12.04	11.92	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	11.98	12.05	11.91	13.50
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N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.21	/	16.50
		1	137	/	16.26	/	16.50
		1	271	/	16.24	/	16.50
		135	0	/	16.18	/	16.50
		135	69	/	16.16	/	16.50
		135	138	/	16.14	/	16.50
		270	0	/	16.36	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.41	/	16.50
		1	137	/	16.20	/	16.50
		1	271	/	16.38	/	16.50
		135	0	/	16.01	/	16.50
		135	69	/	16.47	/	16.50
		135	138	/	16.32	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.29	/	16.50
		1	1	/	16.23	/	16.50
		1	1	/	15.75	/	16.50
DFT-s-OFDM 256QAM	1	1	/	15.75	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.20	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.99	15.93	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.92	15.99	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.93	15.88	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.85	15.99	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.96	15.95	15.95	16.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.90	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.93	15.94	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	15.89	15.96	16.50

N78 ENDC Body worn				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	17.80	/	18.50
		1	137	/	17.80	/	18.50
		1	271	/	17.84	/	18.50
		135	0	/	17.63	/	18.50
		135	69	/	17.65	/	18.50
		135	138	/	17.62	/	18.50
	DFT-s-OFDM QPSK	270	0	/	17.91	/	18.50
		1	1	/	17.91	/	18.50
		1	137	/	17.70	/	18.50
		1	271	/	17.88	/	18.50
		135	0	/	17.55	/	18.50
		135	69	/	18.06	/	18.50
	DFT-s-OFDM 16QAM	135	138	/	17.90	/	18.50
		270	0	/	17.81	/	18.50
		1	1	/	17.78	/	18.50
		1	1	/	17.71	/	18.50
DFT-s-OFDM 64QAM	1	1	/	17.24	/	18.50	
	1	1	/	17.24	/	18.50	
DFT-s-OFDM 256QAM	1	1	/	17.24	/	18.50	
	1	1	/	17.24	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.56	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.35	17.44	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.27	17.49	17.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	



<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	17.39	17.47	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	17.30	17.43	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.27	17.52	17.44	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.28	17.48	17.47	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	17.33	17.48	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.25	17.53	17.56	18.50

**11.7 Conducted Power of NR Antenna (Ant6)**

N77				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.01	/	22.00	
		1	137	/	21.06	/	22.00	
		1	271	/	21.04	/	22.00	
		135	0	/	20.43	/	21.50	
		135	69	/	21.10	/	22.00	
		135	138	/	20.72	/	21.50	
		270	0	/	20.60	/	21.50	
	DFT-s-OFDM QPSK	1	1	/	21.25	/	22.00	
		1	137	/	21.24	/	22.00	
		1	271	/	21.08	/	22.00	
		135	0	/	20.13	/	21.00	
		135	69	/	21.18	/	22.00	
		135	138	/	20.19	/	21.00	
			270	0	/	20.15	/	21.00
		DFT-s-OFDM 16QAM	1	1	/	20.38	/	21.00
		DFT-s-OFDM 64QAM	1	1	/	18.70	/	19.50
		DFT-s-OFDM 256QAM	1	1	/	16.44	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	18.65	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.80	20.83	20.77	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.74	20.85	20.78	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634334		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.74	20.85	20.78	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.78	20.82	20.83	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.79	20.83	20.83	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.74	20.81	20.84	22.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.79	20.84	20.81	22.00

<b>N77</b>				<b>Conducted Power(dBm)</b>				
SCS 30kHz(3700~3980)								
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				650000	656000	662000		
				3750.00	3840.00	3930.00		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.18	20.25	19.86	20.50	
		1	137	20.24	20.23	19.95	20.50	
		1	271	20.22	20.22	20.00	20.50	
		135	0	19.71	19.69	19.29	20.00	
		135	69	20.27	20.27	20.06	20.50	
		135	138	19.94	19.96	19.63	20.00	
		270	0	19.83	19.77	19.48	20.00	
	DFT-s-OFDM QPSK	1	1	20.47	20.34	20.01	20.50	
		1	137	20.44	20.37	20.08	20.50	
		1	271	20.25	20.33	20.04	20.50	
		135	0	19.27	19.32	19.04	19.50	
		135	69	20.38	20.31	<b>20.08</b>	20.50	
		135	138	19.42	19.42	19.11	19.50	
		270	0	19.36	19.39	19.04	19.50	
	DFT-s-OFDM 16QAM	1	1	19.38	19.49	19.25	19.50	
	DFT-s-OFDM 64QAM	1	1	17.87	17.91	17.52	18.00	
	DFT-s-OFDM 256QAM	1	1	15.86	15.61	15.32	16.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					650000	656000	662000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	17.76	17.80	17.41	18.00
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649668	656000	662332		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.37	20.09	19.89	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				649334	656000	662666		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.36	20.07	19.82	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				649000	656000	663000		
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	20.37	20.15	19.87	20.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				648668	656000	663332		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.39	20.14	19.89	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	20.33	20.08	19.81	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.41	20.06	19.85	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.41	20.06	19.86	20.50

N77 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	/	15.16	/	16.00	
		1	137	/	15.12	/	16.00	
		1	271	/	15.18	/	16.00	
		135	0	/	15.18	/	16.00	
		135	69	/	15.10	/	16.00	
		135	138	/	15.11	/	16.00	
	DFT-s-OFDM QPSK	270	0	/	15.17	/	16.00	
		1	1	/	15.41	/	16.00	
		1	137	/	15.10	/	16.00	
		1	271	/	15.12	/	16.00	
		135	0	/	15.19	/	16.00	
		135	69	/	15.25	/	16.00	
		135	138	/	15.11	/	16.00	
		270	0	/	15.14	/	16.00	
		DFT-s-OFDM 16QAM	1	1	/	15.18	/	16.00
		DFT-s-OFDM 64QAM	1	1	/	15.11	/	16.00
DFT-s-OFDM 256QAM	1	1	/	15.11	/	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	15.08	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	14.95	15.01	14.83	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	14.94	14.97	14.84	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	



				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	14.94	14.95	14.80	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	14.90	14.96	14.82	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	14.88	14.99	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	14.88	14.95	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	14.92	14.95	14.83	16.00

N77 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.12	/	21.00
		1	137	/	20.16	/	21.00
		1	271	/	20.11	/	21.00
		135	0	/	19.53	/	20.50
		135	69	/	20.24	/	21.00
		135	138	/	19.81	/	20.50
	DFT-s-OFDM QPSK	270	0	/	19.73	/	20.50
		1	1	/	20.36	/	21.00
		1	137	/	20.26	/	21.00
		1	271	/	20.14	/	21.00
		135	0	/	19.19	/	20.00
		135	69	/	20.28	/	21.00
	DFT-s-OFDM 16QAM	135	138	/	19.26	/	20.00
		270	0	/	19.28	/	20.00
		1	1	/	19.51	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	17.76	/	18.50
DFT-s-OFDM 256QAM	1	1	/	15.50	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.73	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	





<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.93	19.91	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.87	19.96	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.88	19.92	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.92	19.92	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.88	19.93	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.94	19.92	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.87	19.89	19.92	21.00

N77 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	14.26	14.24	13.89	14.50
		1	137	14.21	14.18	13.91	14.50
		1	271	14.18	14.24	13.93	14.50
		135	0	14.23	14.23	13.91	14.50
		135	69	14.20	14.24	13.88	14.50
		135	138	14.26	14.21	13.86	14.50
	DFT-s-OFDM QPSK	270	0	14.19	14.20	13.92	14.50
		1	1	14.23	14.31	14.04	14.50
		1	137	14.24	14.18	13.86	14.50
		1	271	14.18	14.24	13.94	14.50
		135	0	14.21	14.25	13.87	14.50
		135	69	14.27	14.24	<b>14.14</b>	14.50
	DFT-s-OFDM 16QAM	135	138	14.24	14.20	13.86	14.50
		270	0	14.26	14.22	13.91	14.50
DFT-s-OFDM 16QAM	1	1	14.21	14.17	13.87	14.50	
DFT-s-OFDM 64QAM	1	1	14.24	14.24	13.86	14.50	



	DFT-s-OFDM 256QAM	1	1	14.26	14.17	13.88	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	14.21	14.21	13.83	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	14.41	14.07	13.88	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	14.32	14.11	13.90	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	14.39	14.13	13.89	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	14.38	14.06	13.90	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	14.39	14.07	13.89	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	14.39	14.08	13.92	14.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	14.35	14.14	13.86	14.50

N77 Sensor 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	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.04	19.14	18.73	19.50
		1	137	19.13	19.11	18.88	19.50
		1	271	19.17	19.14	18.92	19.50
		135	0	18.64	18.58	18.18	19.00
		135	69	19.14	19.21	18.92	19.50
		135	138	18.84	18.82	18.53	19.00
	DFT-s-OFDM QPSK	270	0	18.73	18.69	18.40	19.00
		1	1	19.24	19.33	18.88	19.50
		1	137	19.32	19.29	18.97	19.50
		1	271	19.14	19.19	18.95	19.50
		135	0	18.16	18.25	17.97	18.50
		135	69	19.23	19.32	<b>18.95</b>	19.50

		135	138	18.36	18.30	18.01	18.50
		270	0	18.29	18.29	17.97	18.50
	DFT-s-OFDM 16QAM	1	1	18.32	18.43	18.14	18.50
	DFT-s-OFDM 64QAM	1	1	16.74	16.81	16.44	17.00
	DFT-s-OFDM 256QAM	1	1	14.73	14.54	14.20	15.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	16.71	16.78	16.41	17.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	<b>Tune up</b>
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.28	19.00	18.80	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.26	19.01	18.83	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	19.29	18.96	18.84	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.29	19.04	18.79	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648334	Channel 660600	Channel 663666	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.28	19.03	18.77	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.29	18.99	18.77	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.30	19.00	18.82	19.50

N78 PC2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.01	/	23.00
		1	137	/	22.05	/	23.00
		1	271	/	22.00	/	23.00
		135	0	/	21.55	/	22.50
		135	69	/	22.11	/	23.00
		135	138	/	21.73	/	22.50

		270	0	/	21.66	/	22.50
	DFT-s-OFDM QPSK	1	1	/	22.20	/	23.00
		1	137	/	22.12	/	23.00
		1	271	/	22.15	/	23.00
		135	0	/	21.22	/	22.00
		135	69	/	22.13	/	23.00
		135	138	/	21.20	/	22.00
		270	0	/	21.15	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.44	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.65	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.58	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1		19.83		20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.18	22.03	22.05	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.16	22.11	22.07	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	22.16	22.11	22.07	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.18	22.07	22.10	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.15	22.11	22.07	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.16	22.07	22.12	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.15	22.06	22.08	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.15	22.09	22.13	23.00

N78 PC3				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	/	19.44	/	20.00
		1	137	/	19.35	/	20.00
		1	271	/	19.15	/	20.00
		135	0	/	18.84	/	19.50
		135	69	/	19.55	/	20.00
		135	138	/	19.07	/	19.50
	DFT-s-OFDM QPSK	270	0	/	18.97	/	19.50
		1	1	/	19.65	/	20.00
		1	137	/	19.59	/	20.00
		1	271	/	19.58	/	20.00
		135	0	/	18.43	/	19.00
		135	69	/	19.29	/	20.00
	DFT-s-OFDM 16QAM	135	138	/	18.36	/	19.00
		270	0	/	18.46	/	19.00
		1	1	/	18.59	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.90	/	17.50
DFT-s-OFDM 256QAM	1	1	/	14.85	/	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.18		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.55	19.21	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.37	19.37	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.57	19.44	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.47	19.36	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.54	19.28	19.36	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.46	19.52	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.55	19.26	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.35	19.54	19.62	20.00

N78 PC2				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.66	/	23.00	
		1	137	/	21.31	/	23.00	
		1	271	/	21.38	/	23.00	
		135	0	/	21.18	/	22.50	
		135	69	/	21.22	/	23.00	
		135	138	/	20.93	/	22.50	
	DFT-s-OFDM QPSK	270	0	/	20.98	/	22.50	
		1	1	/	21.72	/	23.00	
		1	137	/	21.23	/	23.00	
		1	271	/	21.23	/	23.00	
		135	0	/	20.75	/	22.00	
		135	69	/	21.27	/	23.00	
	DFT-s-OFDM 16QAM	135	138	/	20.45	/	22.00	
		270	0	/	20.50	/	22.00	
		DFT-s-OFDM 16QAM	1	1	/	20.41	/	22.00
		DFT-s-OFDM 64QAM	1	1	/	19.28	/	20.50
DFT-s-OFDM 256QAM	1	1	/	17.18	/	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.23	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	21.47	21.37	21.39	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	21.51	21.37	21.33	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	21.51	21.37	21.33	23.00	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	21.49	21.39	21.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	21.48	21.33	21.34	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	21.51	21.40	21.39	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	21.49	21.33	21.41	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	21.50	21.36	21.38	23.00

N78 PC3				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	/	20.00
		1	137	/	19.09	/	20.00
		1	271	/	18.54	/	20.00
		135	0	/	18.64	/	20.00
		135	69	/	18.32	/	19.50
		135	138	/	18.51	/	20.00
		270	0	/	18.05	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.38	/	19.50
		1	137	/	19.02	/	20.00
		1	271	/	18.62	/	20.00
		135	0	/	18.50	/	20.00
		135	69	/	18.15	/	19.00
		135	138	/	18.73	/	20.00
	DFT-s-OFDM 16QAM	1	0	/	17.75	/	19.00
		270	0	/	17.88	/	19.00
		1	1	/	17.69	/	19.00
		1	1	/	16.72	/	17.50
		1	1	/	14.51	/	15.50
		1	1	/	14.51	/	15.50
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	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	650000	650668	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649000	650000	651002	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	650000	651334	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	650000	651668	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	20.00



<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.83	18.69	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	18.60	18.73	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.95	18.52	18.54	20.00

N78 ENDC Receiver on & Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	8.68	/	9.50
		1	137	/	8.72	/	9.50
		1	271	/	8.65	/	9.50
		135	0	/	8.81	/	9.50
		135	69	/	8.51	/	9.50
		135	138	/	8.77	/	9.50
		270	0	/	8.80	/	9.50
	DFT-s-OFDM QPSK	1	1	/	8.86	/	9.50
		1	137	/	8.72	/	9.50
		1	271	/	8.81	/	9.50
		135	0	/	8.53	/	9.50
		135	69	/	8.91	/	9.50
		135	138	/	8.68	/	9.50
	DFT-s-OFDM 16QAM	1	1	/	8.77	/	9.50
		1	1	/	8.66	/	9.50
1		1	/	8.50	/	9.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	8.55	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	7.98	7.82	7.88	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	7.99	7.88	7.82	9.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	7.96	7.89	7.94	9.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	7.95	7.78	7.94	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	7.85	7.90	7.85	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	7.96	7.82	7.86	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	7.85	7.84	7.88	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	7.90	7.87	7.95	9.50

N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.00	/	16.50
		1	137	/	16.07	/	16.50
		1	271	/	15.82	/	16.50
		135	0	/	16.07	/	16.50
		135	69	/	16.00	/	16.50
		135	138	/	16.12	/	16.50
		270	0	/	15.98	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.19	/	16.50
		1	137	/	16.07	/	16.50
		1	271	/	16.15	/	16.50
		135	0	/	16.03	/	16.50
		135	69	/	16.23	/	16.50
		135	138	/	15.95	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	16.10	/	16.50
		1	1	/	16.13	/	16.50
1		1	/	15.62	/	16.50	
DFT-s-OFDM 256QAM	1	1	/	15.62	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.02	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	



<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.80	15.97	15.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	16.00	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.99	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	15.90	15.91	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.86	15.99	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.92	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.82	16.02	15.89	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.91	15.97	15.99	16.50

N78 ENDC 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	8.72	/	9.50
		1	137	/	8.28	/	9.50
		1	271	/	8.36	/	9.50
		135	0	/	8.21	/	9.50
		135	69	/	8.44	/	9.50
		135	138	/	8.68	/	9.50
		270	0	/	8.56	/	9.50
	DFT-s-OFDM QPSK	1	1	/	8.75	/	9.50
		1	137	/	8.38	/	9.50
		1	271	/	8.69	/	9.50
		135	0	/	8.44	/	9.50
		135	69	/	8.97	/	9.50
		135	138	/	8.61	/	9.50
	DFT-s-OFDM 16QAM	1	1	/	8.23	/	9.50
				/	8.66	/	9.50



	DFT-s-OFDM 64QAM	1	1	/	8.81	/	9.50
	DFT-s-OFDM 256QAM	1	1	/	8.63	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	8.70	/	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	8.05	8.10	7.92	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	8.03	8.11	8.02	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	7.96	8.13	7.94	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	7.99	8.13	8.01	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	7.96	8.09	7.99	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	7.96	8.01	7.97	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	8.07	8.07	7.98	9.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	8.06	8.09	8.03	9.50

N78 ENDC Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.21	/	16.50
		1	137	/	16.26	/	16.50
		1	271	/	16.24	/	16.50
		135	0	/	16.18	/	16.50
		135	69	/	16.16	/	16.50

	DFT-s-OFDM QPSK	135	138	/	16.14	/	16.50
		270	0	/	16.36	/	16.50
		1	1	/	16.41	/	16.50
		1	137	/	16.20	/	16.50
		1	271	/	16.38	/	16.50
		135	0	/	16.01	/	16.50
		135	69	/	16.47	/	16.50
		135	138	/	16.32	/	16.50
	270	0	/	16.28	/	16.50	
		DFT-s-OFDM 16QAM	1	1	/	16.29	/
	DFT-s-OFDM 64QAM	1	1	/	16.23	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.75	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.20	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	15.99	15.93	15.92	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	15.92	15.99	15.96	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	15.93	15.88	15.91	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	15.85	15.99	15.93	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	15.96	15.95	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.90	15.95	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.89	15.93	15.94	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.84	15.89	15.96	16.50

N78 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	/	11.60	/	12.50
		1	137	/	11.57	/	12.50
		1	271	/	11.62	/	12.50
		135	0	/	11.54	/	12.50
		135	69	/	11.61	/	12.50
		135	138	/	11.58	/	12.50
	DFT-s-OFDM QPSK	270	0	/	11.56	/	12.50
		1	1	/	11.78	/	12.50
		1	137	/	11.61	/	12.50
		1	271	/	11.62	/	12.50
		135	0	/	11.61	/	12.50
		135	69	/	11.77	/	12.50
	DFT-s-OFDM 16QAM	135	138	/	11.58	/	12.50
		270	0	/	11.55	/	12.50
		1	1	/	11.54	/	12.50
		1	1	/	11.60	/	12.50
DFT-s-OFDM 64QAM	1	1	/	11.60	/	12.50	
DFT-s-OFDM 256QAM	1	1	/	11.60	/	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.57	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.57	11.33	11.47	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.55	11.35	11.40	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	11.53	11.31	11.44	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.53	11.39	11.46	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.58	11.27	11.36	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	11.59	11.33	11.39	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	11.58	11.30	11.44	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	11.59	11.30	11.47	12.50

N78 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	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	11.33	/	12.50
		1	137	/	11.27	/	12.50
		1	271	/	11.25	/	12.50
		135	0	/	11.30	/	12.50
		135	69	/	11.29	/	12.50
		135	138	/	11.25	/	12.50
	DFT-s-OFDM QPSK	270	0	/	11.31	/	12.50
		1	1	/	11.51	/	12.50
		1	137	/	11.26	/	12.50
		1	271	/	11.28	/	12.50
		135	0	/	11.30	/	12.50
		135	69	/	11.43	/	12.50
	DFT-s-OFDM 16QAM	135	138	/	11.27	/	12.50
		270	0	/	11.31	/	12.50
		1	1	/	11.25	/	12.50
		1	1	/	11.30	/	12.50
DFT-s-OFDM 64QAM	1	1	/	11.30	/	12.50	
	1	1	/	11.30	/	12.50	
	1	1	/	11.30	/	12.50	
DFT-s-OFDM 256QAM	1	1	/	11.30	/	12.50	
	1	1	/	11.30	/	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	11.27	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	11.08	11.07	10.94	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	11.03	11.00	10.89	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
<b>70MHz</b>	DFT-s-OFDM QPSK	1	1	11.05	11.04	10.92	12.50



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	10.95	11.01	10.99	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	10.96	11.03	10.88	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	11.08	10.98	10.91	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	10.95	10.95	10.96	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	11.03	11.07	10.95	12.50

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## 12 Conducted Power of WiFi and Bluetooth

### 12.1 Conducted Power of WIFI

WIFI 2.4GHz for Body worn&Hotspot Standalone								
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant0 Average Power (dBm)	Ant1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	16.14	16.49	19.33	21.00	Yes
	6	2437		16.05	16.55	19.32	21.00	Yes
	11	2462		16.21	17.01	19.64	21.00	Yes
802.11g	1	2412	6	14.00	13.89	16.96	18.50	No
	6	2437		13.68	14.03	16.87	18.50	No
	11	2462		13.88	13.89	16.90	18.50	No
802.11n HT20	1	2412	6.5	13.00	12.45	15.74	17.50	No
	6	2437		12.98	12.43	15.72	17.50	No
	11	2462		12.55	12.56	15.57	17.50	No
802.11n HT40	1	2412	6.5	10.11	9.78	12.96	14.00	No
	6	2437		10.03	9.63	12.84	14.00	No
	11	2462		10.09	9.59	12.86	14.00	No
802.11ax HT20	1	2412	MCS0	11.56	11.32	14.45	16.00	No
	6	2437		11.59	11.39	14.50	16.00	No
	11	2462		11.23	11.38	14.32	16.00	No
802.11ax HT40	1	2412	MCS0	9.01	8.72	11.88	13.50	No
	6	2437		8.89	8.78	11.85	13.50	No
	11	2462		8.98	8.69	11.85	13.50	No

WIFI 2.4GHz for Head Standalone&Hotspot Simultaneous								
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant0 Average Power (dBm)	Ant1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	14.77	14.96	17.88	19.50	Yes
	6	2437		14.40	14.95	17.69	19.50	Yes
	11	2462		14.54	15.43	18.02	19.50	Yes
802.11g	1	2412	6	14.00	13.89	16.96	18.50	No
	6	2437		13.68	14.03	16.87	18.50	No
	11	2462		13.88	13.89	16.90	18.50	No
802.11n HT20	1	2412	6.5	13.00	12.45	15.74	17.50	No
	6	2437		12.98	12.43	15.72	17.50	No
	11	2462		12.55	12.56	15.57	17.50	No
802.11n HT40	1	2412	6.5	10.11	9.78	12.96	14.00	No
	6	2437		10.03	9.63	12.84	14.00	No

	11	2462		10.09	9.59	12.86	14.00	No
802.11ax HT20	1	2412	MCS0	11.56	11.32	14.45	16.00	No
	6	2437		11.59	11.39	14.50	16.00	No
	11	2462		11.23	11.38	14.32	16.00	No
802.11ax HT40	1	2412	MCS0	9.01	8.72	11.88	13.50	No
	6	2437		8.89	8.78	11.85	13.50	No
	11	2462		8.98	8.69	11.85	13.50	No

WIFI 2.4GHz for Head Simultaneous								
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Ant0 Average Power (dBm)	Ant1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	13.89	14.05	16.98	18.50	Yes
	6	2437		13.27	14.05	16.69	18.50	Yes
	11	2462		13.56	14.29	16.95	18.50	Yes
802.11g	1	2412	6	14.00	13.89	16.96	18.50	No
	6	2437		13.68	14.03	16.87	18.50	No
	11	2462		13.88	13.89	16.90	18.50	No
802.11n HT20	1	2412	6.5	13.00	12.45	15.74	17.50	No
	6	2437		12.98	12.43	15.72	17.50	No
	11	2462		12.55	12.56	15.57	17.50	No
802.11n HT40	1	2412	6.5	10.11	9.78	12.96	14.00	No
	6	2437		10.03	9.63	12.84	14.00	No
	11	2462		10.09	9.59	12.86	14.00	No
802.11ax HT20	1	2412	MCS0	11.56	11.32	14.45	16.00	No
	6	2437		11.59	11.39	14.50	16.00	No
	11	2462		11.23	11.38	14.32	16.00	No
802.11ax HT40	1	2412	MCS0	9.01	8.72	11.88	13.50	No
	6	2437		8.89	8.78	11.85	13.50	No
	11	2462		8.98	8.69	11.85	13.50	No

WIFI 5GHz For Bodyworn&Hotspot&Extremity Standalone									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	11.98	13.25	15.67	17.50	Yes
		40	5200		12.23	13.21	15.76	17.50	Yes
		44	5220		12.49	13.20	15.87	17.50	Yes
		48	5240		12.89	13.19	16.05	17.50	Yes
	U-NII-2A	52	5260		12.75	13.99	16.42	17.50	Yes

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT20	U-NII-2C	56	5280	MCS0	12.89	13.87	16.42	17.50	Yes
		60	5300		13.15	13.95	16.58	17.50	Yes
		64	5320		13.25	13.86	16.58	17.50	Yes
		100	5500		13.22	12.75	16.00	17.50	Yes
		104	5520		13.12	12.62	15.89	17.50	Yes
		108	5540		13.18	12.61	15.91	17.50	Yes
		112	5560		13.05	12.60	15.84	17.50	Yes
		116	5580		13.08	12.58	15.85	17.50	Yes
		120	5600		13.23	12.51	15.90	17.50	Yes
		124	5620		13.26	12.23	15.79	17.50	Yes
		128	5640		13.21	12.03	15.67	17.50	Yes
		132	5660		13.20	12.11	15.70	17.50	Yes
		136	5680		13.28	11.89	15.65	17.50	Yes
		140	5700		13.45	11.81	15.72	17.50	Yes
		144	5720		13.41	11.73	15.66	17.50	Yes
	U-NII-3	149	5745		16.13	14.93	18.58	20.00	Yes
		153	5765		16.01	15.04	18.56	20.00	Yes
		157	5785		15.95	15.61	18.79	20.00	Yes
		161	5805		15.48	15.40	18.45	20.00	Yes
		165	5825		15.32	15.45	18.40	20.00	Yes
	U-NII-1	36	5180		11.89	13.08	15.54	17.50	No
		40	5200		12.06	13.06	15.60	17.50	No
		44	5220		12.26	13.01	15.66	17.50	No
		48	5240		12.23	12.98	15.63	17.50	No
U-NII-2A		52	5260	12.48	13.56	16.06	17.50	No	
		56	5280	12.68	13.67	16.21	17.50	No	
		60	5300	12.88	13.88	16.42	17.50	No	
U-NII-2C		64	5320	13.06	13.94	16.53	17.50	No	
		100	5500	12.98	12.57	15.79	17.50	No	
		104	5520	12.75	12.77	15.77	17.50	No	
		108	5540	12.96	12.76	15.87	17.50	No	
		112	5560	12.91	12.98	15.96	17.50	No	
		116	5580	12.89	12.47	15.70	17.50	No	
		120	5600	12.81	12.23	15.54	17.50	No	
124		5620	12.85	12.49	15.68	17.50	No		

		128	5640		12.71	12.32	15.53	17.50	No
		132	5660		12.94	12.18	15.59	17.50	No
		136	5680		12.99	12.09	15.57	17.50	No
		140	5700		13.23	12.05	15.69	17.50	No
		144	5720		13.21	12.06	15.68	17.50	No
	U-NII-3	149	5745		15.63	14.61	18.16	20.00	No
		153	5765		15.51	14.63	18.10	20.00	No
		157	5785		15.43	14.90	18.18	20.00	No
		161	5805		15.26	15.05	18.17	20.00	No
		165	5825		15.08	15.18	18.14	20.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	39	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	12.21	13.03	15.65	17.00	No
		46	5230		12.23	13.13	15.71	17.00	No
	U-NII-2A	54	5270		13.03	13.21	16.13	17.00	No
		62	5310		13.01	13.28	16.16	17.00	No
	U-NII-2C	102	5510		12.82	12.15	15.51	16.50	No
		110	5550		12.48	12.11	15.31	16.50	No
		118	5590		12.25	12.08	15.18	16.50	No
		126	5630		12.48	11.73	15.13	16.50	No
		134	5670		12.60	11.76	15.21	16.50	No
		142	5710		12.73	11.04	14.98	16.50	No
	U-NII-3	151	5755		13.42	12.37	15.94	17.50	No
		159	5795		13.53	12.89	16.23	17.50	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	12.01	13.05	15.57	17.50	No
		40	5200		12.03	13.03	15.57	17.50	No
		44	5220		12.23	13.00	15.64	17.50	No
		48	5240		12.21	12.95	15.61	17.50	No
	U-NII-2A	52	5260		12.43	13.52	16.02	17.50	No
		56	5280		12.62	13.61	16.15	17.50	No
		60	5300		12.85	13.85	16.39	17.50	No
		64	5320		13.05	13.91	16.51	17.50	No
	U-NII-2C	100	5500		12.94	12.51	15.74	17.50	No
		104	5520		12.71	12.71	15.72	17.50	No
		108	5540		12.95	12.75	15.86	17.50	No
		112	5560		12.90	12.91	15.92	17.50	No
		116	5580		12.81	12.43	15.63	17.50	No

		120	5600		12.80	12.21	15.53	17.50	No
		124	5620		12.81	12.48	15.66	17.50	No
		128	5640		12.70	12.31	15.52	17.50	No
		132	5660		12.89	12.15	15.55	17.50	No
		136	5680		12.93	12.05	15.52	17.50	No
		140	5700		13.21	12.04	15.67	17.50	No
		144	5720		13.20	12.05	15.67	17.50	No
	U-NII-3	149	5745		13.98	12.98	16.52	18.50	No
		153	5765		13.95	13.01	16.52	18.50	No
		157	5785		13.88	13.22	16.57	18.50	No
		161	5805		13.96	13.49	16.74	18.50	No
		165	5825		13.69	13.89	16.80	18.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	12.20	13.01	15.63	17.00	No
		46	5230		12.18	13.11	15.68	17.00	No
	U-NII-2A	54	5270		12.98	13.18	16.09	17.00	No
		62	5310		13.00	13.23	16.13	17.00	No
	U-NII-2C	102	5510		12.80	12.11	15.48	16.50	No
		110	5550		12.44	12.10	15.28	16.50	No
		118	5590		12.24	12.03	15.15	16.50	No
		126	5630		12.41	11.71	15.08	16.50	No
		134	5670		12.53	11.73	15.16	16.50	No
	U-NII-3	142	5710		12.71	11.01	14.95	16.50	No
		151	5755		12.91	11.89	15.44	17.00	No
159	5795	13.03	12.35	15.71	17.00	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	11.86	12.09	14.99	16.50	No
	U-NII-2A	58	5290		11.79	12.19	15.00	16.00	No
	U-NII-2C	106	5530		12.23	11.95	15.10	16.50	No
		122	5610		12.34	11.65	15.02	16.50	No
		138	5690		12.48	11.03	14.83	16.50	No
	U-NII-3	155	5775		12.57	11.89	15.25	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 160M	U-NII-2A	50	5250	MCS0	10.89	11.10	14.01	15.50	No
	U-NII-2C	116	5570		10.06	10.01	13.05	14.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax-	U-NII-1	36	5180	MCS0	12.09	12.97	15.56	17.50	No

20		40	5200		12.21	13.10	15.69	17.50	No
		44	5220		12.26	13.32	15.83	17.50	No
		48	5240		12.23	12.99	15.64	17.50	No
	U-NII-2A	52	5260		12.49	13.56	16.07	17.50	No
		56	5280		12.63	13.63	16.17	17.50	No
		60	5300		12.98	13.69	16.36	17.50	No
		64	5320		13.10	13.98	16.57	17.50	No
	U-NII-2C	100	5500		12.00	11.53	14.78	16.50	No
		104	5520		11.89	11.79	14.85	16.50	No
		108	5540		11.81	11.81	14.82	16.50	No
		112	5560		11.93	11.93	14.94	16.50	No
		116	5580		11.83	11.53	14.69	16.50	No
		120	5600		11.80	11.36	14.60	16.50	No
		124	5620		11.83	11.51	14.68	16.50	No
		128	5640		11.71	11.38	14.56	16.50	No
		132	5660		11.93	11.23	14.60	16.50	No
		136	5680		11.76	11.23	14.51	16.50	No
		140	5700		12.08	11.21	14.68	16.50	No
	U-NII-3	144	5720		12.01	11.31	14.68	16.50	No
		149	5745		13.99	13.01	16.54	18.50	No
153		5765	13.95	13.11	16.56	18.50	No		
157		5785	13.94	13.21	16.60	18.50	No		
161		5805	14.01	13.50	16.77	18.50	No		
		165	5825	13.88	13.69	16.80	18.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	12.23	13.06	15.68	17.00	No
		46	5230		12.31	13.14	15.76	17.00	No
	U-NII-2A	54	5270		13.03	13.26	16.16	17.00	No
		62	5310		13.06	13.30	16.19	17.00	No
	U-NII-2C	102	5510		12.33	11.69	15.03	16.00	No
		110	5550		12.01	11.63	14.83	16.00	No
		118	5590		11.79	11.61	14.71	16.00	No
		126	5630		12.00	11.43	14.73	16.00	No
		134	5670		12.11	11.43	14.79	16.00	No
	U-NII-3	142	5710		12.21	11.13	14.71	16.00	No
		151	5755		13.49	12.43	16.00	17.50	No
159		5795	13.54	12.98	16.28	17.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test

802.11ax 80M	U-NII-1	42	5210	MCS0	11.98	12.11	15.06	16.50	No
	U-NII-2A	58	5290		12.31	12.73	15.54	16.50	No
	U-NII-2C	106	5530		12.00	11.53	14.78	16.00	No
		122	5610		12.03	11.23	14.66	16.00	No
		138	5690		12.09	11.01	14.59	16.00	No
	U-NII-3	155	5775		12.63	11.98	15.33	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.98	11.16	14.08	15.50	No
	U-NII-2C	116	5570		10.23	10.06	13.16	14.50	No

WIFI 5GHz for Head Standalone									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	8.16	9.45	11.86	13.50	No
		40	5200		8.28	9.45	11.91	13.50	No
		44	5220		8.61	9.41	12.04	13.50	No
		48	5240		9.16	9.43	12.31	13.50	No
	U-NII-2A	52	5260		8.90	10.28	12.65	13.50	No
		56	5280		9.11	10.10	12.64	13.50	No
		60	5300		9.20	10.03	12.65	13.50	No
		64	5320		9.38	10.03	12.73	13.50	No
	U-NII-2C	100	5500		10.37	9.82	13.11	14.50	No
		104	5520		10.26	9.91	13.10	14.50	No
		108	5540		10.34	9.84	13.11	14.50	No
		112	5560		10.31	9.81	13.08	14.50	No
		116	5580		10.25	9.78	13.03	14.50	No
		120	5600		10.33	9.72	13.05	14.50	No
		124	5620		10.36	9.30	12.87	14.50	No
		128	5640		10.38	9.21	12.84	14.50	No
		132	5660		10.35	9.29	12.86	14.50	No
		136	5680		10.45	9.18	12.87	14.50	No
		140	5700		10.52	8.97	12.82	14.50	No
		144	5720		10.46	8.92	12.77	14.50	No
	U-NII-3	149	5745		14.48	13.31	16.94	18.50	Yes
		153	5765		14.44	13.38	16.95	18.50	Yes
		157	5785		14.42	14.07	17.26	18.50	Yes
		161	5805		13.81	13.87	16.85	18.50	Yes

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test		
802.11n- HT20	U-NII-1	165	5825	MCS0	13.64	13.86	16.76	18.50	Yes		
		36	5180		7.97	9.31	11.70	13.50	No		
		40	5200		8.17	9.13	11.69	13.50	No		
		44	5220		8.55	9.13	11.86	13.50	No		
	U-NII-2A	48	5240		8.40	9.16	11.81	13.50	No		
		52	5260		8.67	9.69	12.22	13.50	No		
		56	5280		8.76	9.74	12.29	13.50	No		
		60	5300		8.97	10.02	12.54	13.50	No		
	U-NII-2C	64	5320		9.24	10.14	12.72	13.50	No		
		100	5500		10.08	9.74	12.92	14.50	No		
		104	5520		9.88	9.85	12.88	14.50	No		
		108	5540		10.17	10.00	13.10	14.50	No		
		112	5560		10.03	10.23	13.14	14.50	No		
		116	5580		9.98	9.56	12.79	14.50	No		
		120	5600		9.92	9.38	12.67	14.50	No		
		124	5620		9.98	9.76	12.88	14.50	No		
		128	5640		10.00	9.45	12.74	14.50	No		
		132	5660		10.23	9.31	12.80	14.50	No		
	U-NII-3	136	5680		10.26	9.31	12.82	14.50	No		
		140	5700		10.29	9.18	12.78	14.50	No		
		144	5720		10.38	9.35	12.91	14.50	No		
		149	5745		14.40	13.31	16.90	18.50	No		
		153	5765		14.14	13.42	16.81	18.50	No		
	U-NII-3	157	5785		14.07	13.52	16.81	18.50	No		
		161	5805		14.02	13.79	16.92	18.50	No		
		165	5825		13.78	13.92	16.86	18.50	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	39	Average Power (dBm)	Tune up	SAR Test
	802.11n- HT40	U-NII-1	38		5190	MCS0	8.89	9.74	12.35	13.50	No
46			5230	9.00	9.90		12.48	13.50	No		
U-NII-2A		54	5270	9.76	9.97		12.88	13.50	No		
		62	5310	9.63	10.06		12.86	13.50	No		
U-NII-2C		102	5510	10.91	10.20		13.58	14.50	No		
		110	5550	10.55	10.38		13.48	14.50	No		
		118	5590	10.53	10.30		13.43	14.50	No		



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test	
802.11ac-20	U-NII-3	126	5630	MCS0	10.69	9.97	13.36	14.50	No	
		134	5670		10.67	9.83	13.28	14.50	No	
		142	5710		10.97	9.19	13.18	14.50	No	
		151	5755		13.42	12.37	15.94	17.50	No	
		159	5795		13.53	12.89	16.23	17.50	No	
	U-NII-1	36	5180		8.13	9.32	11.78	13.50	No	
		40	5200		8.12	9.11	11.65	13.50	No	
		44	5220		8.32	9.05	11.71	13.50	No	
		48	5240		8.36	9.04	11.72	13.50	No	
	U-NII-2A	52	5260		8.58	9.71	12.19	13.50	No	
		56	5280		8.71	9.70	12.24	13.50	No	
		60	5300		9.09	10.13	12.65	13.50	No	
		64	5320		9.27	10.10	12.72	13.50	No	
	U-NII-2C	100	5500		10.19	9.59	12.91	14.50	No	
		104	5520		9.89	9.92	12.92	14.50	No	
		108	5540		10.18	9.88	13.04	14.50	No	
		112	5560		10.11	10.10	13.12	14.50	No	
		116	5580		9.98	9.48	12.75	14.50	No	
		120	5600		9.85	9.48	12.68	14.50	No	
		124	5620		9.86	9.55	12.72	14.50	No	
128		5640	9.98	9.53	12.77	14.50	No			
132		5660	10.16	9.32	12.77	14.50	No			
136		5680	9.98	9.13	12.59	14.50	No			
U-NII-3	140	5700	10.44	9.33	12.93	14.50	No			
	144	5720	10.25	9.20	12.77	14.50	No			
	149	5745	13.98	12.98	16.52	18.50	No			
	153	5765	13.95	13.01	16.52	18.50	No			
	157	5785	13.88	13.22	16.57	18.50	No			
U-NII-3	161	5805	13.96	13.49	16.74	18.50	No			
	165	5825	13.69	13.89	16.80	18.50	No			
	5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
	802.11ac-40	U-NII-1	38	5190	MCS0	8.87	9.60	12.26	13.50	No
			46	5230		8.90	9.85	12.41	13.50	No
U-NII-2A		54	5270	9.66		9.96	12.82	13.50	No	
		62	5310	9.63		9.96	12.81	13.50	No	
U-NII-2C		102	5510	10.93		10.37	13.67	14.50	No	
		110	5550	10.58		10.26	13.43	14.50	No	

		118	5590		10.30	10.16	13.24	14.50	No
		126	5630		10.47	9.95	13.23	14.50	No
		134	5670		10.78	10.00	13.42	14.50	No
		142	5710		10.96	9.30	13.22	14.50	No
	U-NII-3	151	5755		12.91	11.89	15.44	17.00	No
		159	5795		13.03	12.35	15.71	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	8.96	9.34	12.16	13.50	No
	U-NII-2A	58	5290		9.40	9.80	12.61	13.50	Yes
	U-NII-2C	106	5530		10.36	10.02	13.20	14.50	Yes
		122	5610		10.58	9.87	13.25	14.50	Yes
		138	5690		10.60	9.16	12.95	14.50	Yes
	U-NII-3	155	5775		12.57	11.89	15.25	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 160M	U-NII-2A	50	5250	MCS0	9.17	9.21	12.20	13.50	No
	U-NII-2C	116	5570		10.06	10.01	13.05	14.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax- 20	U-NII-1	36	5180	MCS0	8.35	9.21	11.81	13.50	No
		40	5200		8.41	9.37	11.93	13.50	No
		44	5220		8.36	9.55	12.01	13.50	No
		48	5240		8.29	9.21	11.78	13.50	No
	U-NII-2A	52	5260		8.64	9.68	12.20	13.50	No
		56	5280		8.82	9.87	12.39	13.50	No
		60	5300		9.22	9.87	12.57	13.50	No
		64	5320		9.25	10.06	12.68	13.50	No
	U-NII-2C	100	5500		10.22	9.82	13.03	14.50	No
		104	5520		9.99	9.88	12.95	14.50	No
		108	5540		9.87	9.91	12.90	14.50	No
		112	5560		10.19	10.09	13.15	14.50	No
		116	5580		10.12	9.80	12.97	14.50	No
		120	5600		9.85	9.60	12.74	14.50	No
		124	5620		9.96	9.63	12.81	14.50	No
		128	5640		9.89	9.63	12.77	14.50	No
		132	5660		10.11	9.40	12.78	14.50	No
		136	5680		9.99	9.32	12.68	14.50	No
		140	5700		10.21	9.43	12.85	14.50	No
		144	5720		10.10	9.39	12.77	14.50	No

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
	U-NII-3	149	5745		13.99	13.01	16.54	18.50	No
		153	5765		13.95	13.11	16.56	18.50	No
		157	5785		13.94	13.21	16.60	18.50	No
		161	5805		14.01	13.50	16.77	18.50	No
		165	5825		13.88	13.69	16.80	18.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	8.96	9.82	12.42	13.50	No
		46	5230		8.86	9.79	12.36	13.50	No
	U-NII-2A	54	5270		9.63	10.02	12.84	13.50	No
		62	5310		9.70	9.93	12.82	13.50	No
	U-NII-2C	102	5510		11.01	10.44	13.74	14.50	No
		110	5550		10.77	10.30	13.55	14.50	No
		118	5590		10.54	10.30	13.43	14.50	No
		126	5630		10.63	10.04	13.36	14.50	No
		134	5670		10.76	10.17	13.49	14.50	No
	U-NII-3	142	5710		10.76	9.89	13.36	14.50	No
		151	5755		13.49	12.43	16.00	17.50	No
	159	5795	13.54		12.98	16.28	17.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 80M	U-NII-1	42	5210	MCS0	9.06	9.39	12.24	13.50	No
	U-NII-2A	58	5290		9.51	9.91	12.72	13.50	No
	U-NII-2C	106	5530		10.62	10.17	13.41	14.50	No
		122	5610		10.79	9.85	13.36	14.50	No
	U-NII-3	138	5690		10.83	9.74	13.33	14.50	No
		155	5775		12.63	11.98	15.33	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 160M	U-NII-2A	50	5250	MCS0	9.17	9.28	12.24	13.50	No
	U-NII-2C	116	5570		10.23	10.06	13.16	14.50	No

## WIFI 5GHz for Head Simultaneous

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	6.16	7.36	9.81	11.50	No
		40	5200		6.34	7.26	9.83	11.50	No
		44	5220		6.75	7.38	10.09	11.50	No
		48	5240		6.99	7.26	10.14	11.50	No
	U-NII-2A	52	5260		6.84	8.10	10.53	11.50	No

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11n- HT20	U-NII-2C	56	5280	MCS0	7.14	7.96	10.58	11.50	No
		60	5300		7.31	8.20	10.79	11.50	No
		64	5320		7.39	8.09	10.76	11.50	No
		100	5500		5.30	4.93	8.13	9.50	No
		104	5520		5.20	4.76	8.00	9.50	No
		108	5540		5.36	4.86	8.13	9.50	No
		112	5560		5.32	4.78	8.07	9.50	No
		116	5580		5.17	4.78	7.99	9.50	No
		120	5600		5.33	4.76	8.06	9.50	No
		124	5620		5.46	4.43	7.99	9.50	No
		128	5640		5.34	4.08	7.77	9.50	No
		132	5660		5.34	4.34	7.88	9.50	No
	136	5680	5.47		3.95	7.79	9.50	No	
	140	5700	5.61		4.03	7.90	9.50	No	
	144	5720	5.55		3.82	7.78	9.50	No	
	U-NII-3	149	5745		9.84	8.57	12.26	13.50	Yes
		153	5765		9.71	8.76	12.27	13.50	Yes
		157	5785		9.59	9.28	12.45	13.50	Yes
		161	5805		9.26	9.08	12.18	13.50	Yes
		165	5825		9.05	9.20	12.14	13.50	Yes
U-NII-1	36	5180	6.05	7.20	9.67	11.50	No		
	40	5200	6.17	7.21	9.73	11.50	No		
	44	5220	6.43	7.30	9.90	11.50	No		
	48	5240	6.48	7.07	9.80	11.50	No		
	U-NII-2A	52	5260	6.71	7.62	10.20	11.50	No	
		56	5280	6.92	7.83	10.41	11.50	No	
		60	5300	7.04	8.17	10.65	11.50	No	
		64	5320	7.17	8.22	10.74	11.50	No	
	U-NII-2C	100	5500	5.04	4.72	7.89	9.50	No	
		104	5520	4.83	4.97	7.91	9.50	No	
		108	5540	5.13	4.86	8.01	9.50	No	
		112	5560	5.05	5.05	8.06	9.50	No	
116		5580	5.13	4.61	7.89	9.50	No		
120		5600	4.93	4.50	7.73	9.50	No		
124		5620	5.13	4.70	7.93	9.50	No		

		128	5640		4.83	4.49	7.67	9.50	No
		132	5660		5.18	4.33	7.79	9.50	No
		136	5680		5.06	4.26	7.69	9.50	No
		140	5700		5.33	4.23	7.83	9.50	No
		144	5720		5.49	4.31	7.95	9.50	No
	U-NII-3	149	5745		9.23	8.30	11.80	13.50	No
		153	5765		9.22	8.36	11.82	13.50	No
		157	5785		9.04	8.65	11.86	13.50	No
		161	5805		8.83	8.79	11.82	13.50	No
		165	5825		8.81	8.78	11.81	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	39	Average Power (dBm)	Tune up	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	7.00	7.81	10.43	11.50	No
		46	5230		6.83	7.88	10.40	11.50	No
	U-NII-2A	54	5270		7.79	7.85	10.83	11.50	No
		62	5310		7.74	8.06	10.91	11.50	No
	U-NII-2C	102	5510		8.01	7.39	10.72	11.50	No
		110	5550		5.63	5.18	8.42	9.50	No
		118	5590		5.34	5.13	8.25	9.50	No
		126	5630		5.66	4.93	8.32	9.50	No
		134	5670		5.71	4.92	8.34	9.50	No
	U-NII-3	142	5710		5.93	4.28	8.19	9.50	No
		151	5755		9.64	8.43	12.09	13.50	No
	159	5795	9.64		8.99	12.34	13.50	No	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ac- 20	U-NII-1	36	5180	MCS0	6.17	7.22	9.74	11.50	No
		40	5200		6.30	7.27	9.82	11.50	No
		44	5220		6.48	7.07	9.80	11.50	No
		48	5240		6.28	7.09	9.71	11.50	No
	U-NII-2A	52	5260		6.61	7.61	10.15	11.50	No
		56	5280		6.86	7.77	10.35	11.50	No
		60	5300		7.05	7.98	10.55	11.50	No
		64	5320		7.34	8.01	10.70	11.50	No
	U-NII-2C	100	5500		5.23	4.73	8.00	9.50	No
		104	5520		5.00	4.97	8.00	9.50	No
		108	5540		5.03	4.96	8.01	9.50	No
		112	5560		5.00	5.13	8.08	9.50	No
		116	5580		5.02	4.60	7.83	9.50	No

		120	5600		4.93	4.45	7.71	9.50	No	
		124	5620		5.00	4.55	7.79	9.50	No	
		128	5640		4.97	4.37	7.69	9.50	No	
		132	5660		4.96	4.38	7.69	9.50	No	
		136	5680		5.02	4.12	7.60	9.50	No	
		140	5700		5.43	4.09	7.82	9.50	No	
		144	5720		5.33	4.24	7.83	9.50	No	
		U-NII-3	149		5745	9.23	8.14	11.73	13.50	No
			153		5765	9.03	8.15	11.62	13.50	No
			157		5785	9.07	8.40	11.76	13.50	No
161	5805		9.13	8.73	11.94	13.50	No			
165	5825		8.76	8.96	11.87	13.50	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test	
802.11ac-40	U-NII-1	38	5190	MCS0	6.98	7.60	10.31	11.50	No	
		46	5230		6.82	7.78	10.34	11.50	No	
	U-NII-2A	54	5270		7.74	7.91	10.84	11.50	No	
		62	5310		7.57	7.88	10.74	11.50	No	
	U-NII-2C	102	5510		5.85	5.28	8.58	9.50	No	
		110	5550		5.58	5.24	8.42	9.50	No	
		118	5590		5.44	5.08	8.27	9.50	No	
		126	5630		5.66	4.98	8.34	9.50	No	
		134	5670		5.74	4.78	8.30	9.50	No	
		142	5710		5.81	4.27	8.12	9.50	No	
	U-NII-3	151	5755		9.66	8.68	12.21	13.50	No	
		159	5795		9.75	9.04	12.42	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test	
802.11ac 80M	U-NII-1	42	5210	MCS0	7.08	7.24	10.17	11.50	No	
	U-NII-2A	58	5290		7.51	7.76	10.65	11.50	Yes	
	U-NII-2C	106	5530		5.45	5.20	8.34	9.50	Yes	
		122	5610		5.56	4.87	8.24	9.50	Yes	
		138	5690		5.58	4.09	7.91	9.50	Yes	
	U-NII-3	155	5775		9.75	8.94	12.37	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test	
802.11aC 160M	U-NII-2A	50	5250	MCS0	7.04	7.23	10.15	11.50	No	
	U-NII-2C	116	5570		5.26	5.28	8.28	9.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test	
802.11ax-	U-NII-1	36	5180	MCS0	6.15	7.14	9.68	11.50	No	

20		40	5200		6.38	7.35	9.90	11.50	No
		44	5220		6.40	7.51	10.00	11.50	No
		48	5240		6.46	7.12	9.81	11.50	No
	U-NII-2A	52	5260		6.76	7.68	10.25	11.50	No
		56	5280		6.82	7.71	10.30	11.50	No
		60	5300		7.14	7.80	10.49	11.50	No
		64	5320		7.25	8.08	10.70	11.50	No
	U-NII-2C	100	5500		5.25	4.74	8.01	9.50	No
		104	5520		4.98	4.88	7.94	9.50	No
		108	5540		4.97	5.01	8.00	9.50	No
		112	5560		5.02	5.10	8.07	9.50	No
		116	5580		4.94	4.64	7.80	9.50	No
		120	5600		5.04	4.50	7.79	9.50	No
		124	5620		4.99	4.59	7.80	9.50	No
		128	5640		4.88	4.47	7.69	9.50	No
		132	5660		5.10	4.39	7.77	9.50	No
		136	5680		4.97	4.34	7.68	9.50	No
		140	5700		5.14	4.31	7.76	9.50	No
	U-NII-3	144	5720		5.13	4.47	7.82	9.50	No
		149	5745		9.21	8.16	11.73	13.50	No
153		5765	9.17	8.21	11.73	13.50	No		
157		5785	9.11	8.44	11.80	13.50	No		
161		5805	9.19	8.66	11.94	13.50	No		
		165	5825	9.06	8.81	11.95	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	6.79	7.69	10.27	11.50	No
		46	5230		6.95	7.88	10.45	11.50	No
	U-NII-2A	54	5270		7.68	7.85	10.78	11.50	No
		62	5310		7.75	8.08	10.93	11.50	No
	U-NII-2C	102	5510		5.94	5.33	8.66	9.50	No
		110	5550		5.63	5.28	8.47	9.50	No
		118	5590		5.42	5.23	8.34	9.50	No
		126	5630		5.68	5.11	8.41	9.50	No
		134	5670		5.67	5.22	8.46	9.50	No
	U-NII-3	142	5710		5.76	4.73	8.29	9.50	No
		151	5755		9.78	8.63	12.25	13.50	No
159		5795	9.78	9.19	12.51	13.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test

802.11ax 80M	U-NII-1	42	5210	MCS0	7.08	7.28	10.19	11.50	No
	U-NII-2A	58	5290		7.51	7.79	10.66	11.50	No
	U-NII-2C	106	5530		5.76	5.31	8.55	9.50	No
		122	5610		5.78	4.97	8.40	9.50	No
		138	5690		5.69	4.62	8.20	9.50	No
	U-NII-3	155	5775		9.90	9.10	12.53	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 160M	U-NII-2A	50	5250	MCS0	7.18	7.24	10.22	11.50	No
	U-NII-2C	116	5570		5.39	5.34	8.38	9.50	No

WIFI 5GHz for Body worn&Extremity Simultaneous									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	7.63	8.89	11.32	13.00	No
		40	5200		7.89	8.99	11.49	13.00	No
		44	5220		8.05	8.91	11.51	13.00	No
		48	5240		8.60	8.77	11.70	13.00	No
	U-NII-2A	52	5260		8.34	9.71	12.09	13.00	No
		56	5280		8.57	9.45	12.04	13.00	No
		60	5300		8.85	9.55	12.22	13.00	No
		64	5320		8.92	9.63	12.30	13.00	No
	U-NII-2C	100	5500		11.97	11.30	14.66	16.00	No
		104	5520		11.84	11.24	14.56	16.00	No
		108	5540		11.81	11.23	14.54	16.00	No
		112	5560		11.68	11.39	14.55	16.00	No
		116	5580		11.67	11.20	14.45	16.00	No
		120	5600		11.87	11.11	14.52	16.00	No
		124	5620		12.02	10.80	14.46	16.00	No
		128	5640		11.91	10.62	14.32	16.00	No
		132	5660		11.93	10.75	14.39	16.00	No
		136	5680		11.93	10.60	14.33	16.00	No
	U-NII-3	140	5700		12.04	10.39	14.30	16.00	No
		144	5720		12.17	10.48	14.42	16.00	No
		149	5745		13.24	12.12	15.73	17.00	No
		153	5765		13.15	12.25	15.73	17.00	No
	U-NII-3	157	5785		13.17	12.84	16.02	17.00	No
		161	5805		12.70	12.46	15.59	17.00	No



5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test		
		165	5825		12.54	12.70	15.63	17.00	No		
802.11n- HT20	U-NII-1	36	5180	MCS0	7.47	8.66	11.12	13.00	No		
		40	5200		7.64	8.83	11.29	13.00	No		
		44	5220		7.97	8.79	11.41	13.00	No		
		48	5240		7.84	8.56	11.23	13.00	No		
	U-NII-2A	52	5260		8.26	9.24	11.79	13.00	No		
		56	5280		8.40	9.34	11.91	13.00	No		
		60	5300		8.62	9.58	12.14	13.00	No		
		64	5320		8.80	9.53	12.19	13.00	No		
	U-NII-2C	100	5500		11.62	11.22	14.43	16.00	No		
		104	5520		11.33	11.40	14.38	16.00	No		
		108	5540		11.62	11.47	14.56	16.00	No		
		112	5560		11.50	11.56	14.54	16.00	No		
		116	5580		11.49	11.24	14.38	16.00	No		
		120	5600		11.41	10.89	14.17	16.00	No		
		124	5620		11.61	11.20	14.42	16.00	No		
		128	5640		11.39	11.02	14.22	16.00	No		
		132	5660		11.68	10.85	14.30	16.00	No		
		136	5680		11.66	10.88	14.30	16.00	No		
		140	5700		12.00	10.71	14.41	16.00	No		
		144	5720		11.89	10.74	14.36	16.00	No		
	U-NII-3	149	5745		12.84	11.70	15.32	17.00	No		
		153	5765		12.66	11.78	15.25	17.00	No		
		157	5785		12.61	12.11	15.38	17.00	No		
		161	5805		12.50	12.34	15.43	17.00	No		
		165	5825		12.20	12.23	15.23	17.00	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	39	Average Power (dBm)	Tune up	SAR Test
	802.11n- HT40	U-NII-1	38		5190	MCS0	8.38	9.22	11.83	13.00	No
			46		5230		8.44	9.27	11.89	13.00	No
U-NII-2A		54	5270	9.29	9.26		12.29	13.00	No		
		62	5310	9.24	9.39		12.33	13.00	No		
U-NII-2C		102	5510	9.54	8.84		12.21	13.00	No		
		110	5550	12.14	11.83		15.00	16.00	No		
		118	5590	11.80	11.85		14.84	16.00	No		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-3	126	5630	MCS0	12.20	11.28	14.77	16.00	No
		134	5670		12.36	11.37	14.90	16.00	No
		142	5710		12.46	10.74	14.69	16.00	No
		151	5755		13.13	12.02	15.62	17.00	No
		159	5795		13.20	12.47	15.86	17.00	No
	U-NII-1	36	5180		7.69	8.76	11.27	13.00	No
		40	5200		7.62	8.65	11.18	13.00	No
		44	5220		7.96	8.68	11.35	13.00	No
		48	5240		7.99	8.69	11.36	13.00	No
	U-NII-2A	52	5260		8.16	9.26	11.76	13.00	No
		56	5280		8.25	9.19	11.76	13.00	No
		60	5300		8.55	9.56	12.09	13.00	No
		64	5320		8.84	9.66	12.28	13.00	No
	U-NII-2C	100	5500		11.70	11.19	14.46	16.00	No
		104	5520		11.43	11.27	14.36	16.00	No
		108	5540		11.68	11.31	14.51	16.00	No
		112	5560		11.48	11.64	14.57	16.00	No
		116	5580		11.43	11.01	14.24	16.00	No
		120	5600		11.48	10.85	14.19	16.00	No
		124	5620		11.55	11.09	14.34	16.00	No
128		5640	11.31	10.97	14.15	16.00	No		
132		5660	11.65	10.81	14.26	16.00	No		
136		5680	11.63	10.71	14.20	16.00	No		
140		5700	11.88	10.78	14.38	16.00	No		
144		5720	11.97	10.64	14.37	16.00	No		
U-NII-3	149	5745	12.55	11.63	15.12	17.00	No		
	153	5765	12.65	11.73	15.22	17.00	No		
	157	5785	12.52	11.80	15.19	17.00	No		
	161	5805	12.63	12.04	15.36	17.00	No		
	165	5825	12.41	12.52	15.48	17.00	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	8.28	9.21	11.78	13.00	No
		46	5230		8.38	9.35	11.90	13.00	No
	U-NII-2A	54	5270		9.05	9.41	12.24	13.00	No
		62	5310		9.06	9.43	12.26	13.00	No
	U-NII-2C	102	5510		12.41	11.83	15.14	16.00	No
		110	5550		12.22	11.69	14.97	16.00	No

		118	5590		11.97	11.64	14.82	16.00	No
		126	5630		11.97	11.35	14.68	16.00	No
		134	5670		12.30	11.37	14.87	16.00	No
		142	5710		12.40	10.69	14.64	16.00	No
	U-NII-3	151	5755		12.91	11.89	15.44	17.00	No
		159	5795		13.03	12.35	15.71	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	8.46	8.87	11.68	13.00	Yes
	U-NII-2A	58	5290		8.99	9.40	12.21	13.00	Yes
	U-NII-2C	106	5530		11.80	11.65	14.74	16.00	Yes
		122	5610		12.11	11.44	14.80	16.00	Yes
		138	5690		12.14	10.59	14.44	16.00	Yes
	U-NII-3	155	5775		12.57	11.89	15.25	16.50	Yes
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac 160M	U-NII-2A	50	5250	MCS0	8.44	8.78	11.62	13.00	No
	U-NII-2C	116	5570		10.06	10.01	13.05	14.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax- 20	U-NII-1	36	5180	MCS0	7.78	8.75	11.30	13.00	No
		40	5200		7.83	8.69	11.29	13.00	No
		44	5220		8.05	9.10	11.62	13.00	No
		48	5240		7.93	8.78	11.39	13.00	No
	U-NII-2A	52	5260		8.19	9.18	11.72	13.00	No
		56	5280		8.31	9.24	11.81	13.00	No
		60	5300		8.58	9.40	12.02	13.00	No
		64	5320		8.78	9.57	12.20	13.00	No
	U-NII-2C	100	5500		11.69	11.09	14.41	16.00	No
		104	5520		11.49	11.53	14.52	16.00	No
		108	5540		11.36	11.56	14.47	16.00	No
		112	5560		11.71	11.55	14.64	16.00	No
		116	5580		11.46	11.11	14.30	16.00	No
		120	5600		11.46	10.95	14.22	16.00	No
		124	5620		11.56	11.12	14.36	16.00	No
		128	5640		11.37	11.05	14.22	16.00	No
		132	5660		11.53	10.83	14.20	16.00	No
		136	5680		11.44	10.99	14.23	16.00	No
140	5700	11.81	10.92	14.40	16.00	No			
144	5720	11.75	10.91	14.36	16.00	No			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
	U-NII-3	149	5745		12.62	11.57	15.14	17.00	No
		153	5765		12.74	11.85	15.33	17.00	No
		157	5785		12.70	11.85	15.31	17.00	No
		161	5805		12.73	12.17	15.47	17.00	No
		165	5825		12.45	12.35	15.41	17.00	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	8.39	9.17	11.81	13.00	No
		46	5230		8.37	9.19	11.81	13.00	No
	U-NII-2A	54	5270		9.26	9.44	12.36	13.00	No
		62	5310		9.27	9.43	12.36	13.00	No
	U-NII-2C	102	5510		11.01	10.44	13.74	14.50	No
		110	5550		10.77	10.30	13.55	14.50	No
		118	5590		10.54	10.30	13.43	14.50	No
		126	5630		10.63	10.04	13.36	14.50	No
		134	5670		10.76	10.17	13.49	14.50	No
	U-NII-3	142	5710		10.76	9.89	13.36	14.50	No
		151	5755		13.10	12.19	15.68	17.00	No
	159	5795	13.10		12.72	15.92	17.00	No	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	8.68	8.89	11.80	13.00	No
	U-NII-2A	58	5290		8.89	9.49	12.21	13.00	No
	U-NII-2C	106	5530		10.62	10.17	13.41	14.50	No
		122	5610		10.79	9.85	13.36	14.50	No
	U-NII-3	138	5690		10.83	9.74	13.33	14.50	No
		155	5775		12.63	11.98	15.33	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 160M	U-NII-2A	50	5250	MCS0	8.73	8.88	11.82	13.00	No
	U-NII-2C	116	5570		10.23	10.06	13.16	14.50	No

## WIFI 5GHz for Hotspot Simultaneous

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	6.16	7.36	9.81	11.50	No
		40	5200		6.34	7.26	9.83	11.50	No
		44	5220		6.75	7.38	10.09	11.50	No
		48	5240		6.99	7.26	10.14	11.50	No
	U-NII-3	149	5745		9.84	8.57	12.26	13.50	No

		153	5765		9.71	8.76	12.27	13.50	No
		157	5785		9.59	9.28	12.45	13.50	No
		161	5805		9.26	9.08	12.18	13.50	No
		165	5825		9.05	9.20	12.14	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	6.05	7.20	9.67	11.50	No
		40	5200		6.17	7.21	9.73	11.50	No
		44	5220		6.43	7.30	9.90	11.50	No
		48	5240		6.48	7.07	9.80	11.50	No
	U-NII-3	149	5745		9.23	8.30	11.80	13.50	No
		153	5765		9.22	8.36	11.82	13.50	No
		157	5785		9.04	8.65	11.86	13.50	No
		161	5805		8.83	8.79	11.82	13.50	No
		165	5825	8.81	8.78	11.81	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	39	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	7.00	7.81	10.43	11.50	No
		46	5230		6.83	7.88	10.40	11.50	No
	U-NII-3	151	5755		9.64	8.43	12.09	13.50	No
		159	5795		9.64	8.99	12.34	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac-20	U-NII-1	36	5180	MCS0	6.17	7.22	9.74	11.50	No
		40	5200		6.30	7.27	9.82	11.50	No
		44	5220		6.48	7.07	9.80	11.50	No
		48	5240		6.28	7.09	9.71	11.50	No
	U-NII-3	149	5745		9.23	8.14	11.73	13.50	No
		153	5765		9.03	8.15	11.62	13.50	No
		157	5785		9.07	8.40	11.76	13.50	No
		161	5805		9.13	8.73	11.94	13.50	No
		165	5825	8.76	8.96	11.87	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	6.98	7.60	10.31	11.50	No
		46	5230		6.82	7.78	10.34	11.50	No
	U-NII-3	151	5755		9.66	8.68	12.21	13.50	No
		159	5795		9.75	9.04	12.42	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test

802.11ac 80M	U-NII-1	42	5210	MCS0	7.08	7.24	10.17	11.50	Yes
	U-NII-3	155	5775		9.75	8.94	12.37	13.50	Yes
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax- 20	U-NII-1	36	5180	MCS0	6.15	7.14	9.68	11.50	No
		40	5200		6.38	7.35	9.90	11.50	No
		44	5220		6.40	7.51	10.00	11.50	No
		48	5240		6.46	7.12	9.81	11.50	No
	U-NII-3	149	5745		9.21	8.16	11.73	13.50	No
		153	5765		9.17	8.21	11.73	13.50	No
		157	5785		9.11	8.44	11.80	13.50	No
		161	5805		9.19	8.66	11.94	13.50	No
		165	5825	9.06	8.81	11.95	13.50	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax- 40	U-NII-1	38	5190	MCS0	6.79	7.69	10.27	11.50	No
		46	5230		6.95	7.88	10.45	11.50	No
	U-NII-3	151	5755		9.78	8.63	12.25	13.50	No
		159	5795		9.78	9.19	12.51	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up	SAR Test
802.11ax 80M	U-NII-1	42	5210	MCS0	7.08	7.28	10.19	11.50	No
	U-NII-2A	58	5290		7.51	7.79	10.66	11.50	No
	U-NII-3	155	5775		9.90	9.10	12.53	13.50	No

## 12.2 Conducted Power of BT

BT Ant7		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	15.60	16.29	15.89	17.5
	$\pi/4$ DQPSK	13.07	13.90	13.38	15.5
	8DPSK	13.11	13.96	13.37	15.5
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	8.05	9.82	7.77	12
BLE 2M	GFSK	7.82	9.57	7.55	12

BT Ant7 Simultaneous		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	11.15	11.82	11.49	13
	$\pi/4$ DQPSK	8.74	9.47	8.97	11
	8DPSK	8.73	9.60	8.95	11
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	8.05	9.82	7.77	12
BLE 2M	GFSK	7.82	9.57	7.55	12

BT Ant8		Average Conducted Power(dBm)		Tune up
Band	Channel	39	78	
BT	GFSK	16.18	16.11	17.5
	$\pi/4$ DQPSK	13.70	13.85	15.5
	8DPSK	13.76	13.89	15.5
Band	Channel	19	39	Tune up
BLE 1M	GFSK	11.26	9.22	12
BLE 2M	GFSK	11.19	9.00	12

BT Ant8 Simultaneous		Average Conducted Power(dBm)		Tune up
Band	Channel	39	78	
BT	GFSK	13.21	13.26	14.5
	$\pi/4$ DQPSK	10.82	10.89	12.5
	8DPSK	10.92	11.04	12.5
Band	Channel	19	39	Tune up
BLE 1M	GFSK	11.26	9.22	12
BLE 2M	GFSK	11.19	9.00	12