

# Appendix E

## Conducted RF Output Power

## Measurement of RF conducted Power

### 1 Conducted Power of Main Antenna (Ant0)

#### 1.1 Conducted Power of GSM

GSM 850 Full Power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	33.10	33.03	33.04	34.00	-9.19	23.91	23.84	23.85	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	33.12	33.06	33.07	34.00	-9.19	23.93	23.87	23.88	24.81
	2 TX Slots	30.21	29.99	29.99	31.00	-6.18	24.03	23.81	23.81	24.82
	3 TX Slots	28.34	28.30	28.23	29.20	-4.42	23.92	23.88	23.81	24.78
	4 TX Slots	26.67	26.87	26.68	28.00	-3.17	23.50	23.70	23.51	24.83
EGPRS(8PSK)	1 TX Slot	27.36	27.06	26.93	28.00	-9.19	18.17	17.87	17.74	18.81
	2 TX Slots	23.97	23.81	23.94	25.00	-6.18	17.79	17.63	17.76	18.82
	3 TX Slots	22.37	22.11	21.99	23.20	-4.42	17.95	17.69	17.57	18.78
	4 TX Slots	21.17	20.91	20.88	22.00	-3.17	18.00	17.74	17.71	18.83

GSM 850 Hotspot on										
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	32.01	31.94	31.98	33.00	-9.19	22.82	22.75	22.79	23.81
GPRS/EGPRS (GMSK)	1 TX Slot	32.06	31.97	32.00	33.00	-9.19	22.87	22.78	22.81	23.81
	2 TX Slots	29.13	28.91	28.90	30.00	-6.18	22.95	22.73	22.72	23.82
	3 TX Slots	27.28	27.22	27.15	28.20	-4.42	22.86	22.80	22.73	23.78
	4 TX Slots	25.60	25.79	25.61	27.00	-3.17	22.43	22.62	22.44	23.83
EGPRS(8PSK)	1 TX Slot	26.29	25.97	25.83	27.00	-9.19	17.10	16.78	16.64	17.81
	2 TX Slots	22.87	22.72	22.88	24.00	-6.18	16.69	16.54	16.70	17.82
	3 TX Slots	21.29	21.02	20.90	22.20	-4.42	16.87	16.60	16.48	17.78
	4 TX Slots	20.08	19.82	19.81	21.00	-3.17	16.91	16.65	16.64	17.83

## 1.2 Conducted Power of WCDMA

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.22	24.27	24.20	25.00
	12.2kbps AMR	24.19	24.26	24.16	25.00
HSDPA	Subtest 1	23.03	23.12	23.07	24.00
	Subtest 2	23.10	22.97	23.10	24.00
	Subtest 3	22.53	22.56	22.57	23.50
	Subtest 4	22.59	22.38	22.60	23.50
HSUPA	Subtest 1	22.93	23.07	22.98	24.00
	Subtest 2	20.96	21.05	20.99	22.00
	Subtest 3	21.98	22.05	22.02	23.00
	Subtest 4	20.93	21.03	21.00	22.00
	Subtest 5	22.93	23.05	22.99	24.00
DC-HSDPA	Subtest 1	22.95	23.04	23.02	24.00
	Subtest 2	23.03	22.88	23.04	24.00
	Subtest 3	22.44	22.50	22.49	23.50
	Subtest 4	22.52	22.28	22.53	23.50

### 1.3 Conducted Power of LTE

LTE Band 5 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.28	24.21	24.33	25.70
		1	2	24.31	24.30	24.23	25.70
		1	5	24.16	24.22	24.27	25.70
		3	0	24.27	24.26	24.29	25.70
		3	2	24.27	24.27	24.28	25.70
		3	3	24.20	24.23	24.25	25.70
		6	0	24.23	24.21	24.04	24.70
	16QAM	1	0	24.14	23.85	24.25	24.70
		1	2	24.29	23.98	24.21	24.70
		1	5	24.20	24.10	23.91	24.70
		3	0	23.74	23.68	23.63	24.70
		3	2	23.77	23.45	23.86	24.70
		3	3	23.45	23.54	23.80	24.70
		6	0	22.87	22.76	22.73	23.70
	64QAM	1	0	22.70	22.62	22.77	23.70
		1	2	22.76	22.71	22.64	23.70
		1	5	22.59	22.65	22.67	23.70
		3	0	22.20	22.18	22.20	23.70
		3	2	22.21	22.18	22.23	23.70
		3	3	22.11	22.14	22.17	23.70
		6	0	22.16	22.13	21.95	22.70
	256QAM	1	0	22.09	21.75	22.18	22.70
		1	2	22.22	21.92	22.14	22.70
		1	5	22.13	22.00	21.82	22.70
		3	0	21.67	21.63	21.58	22.70
		3	2	21.70	21.36	21.77	22.70
		3	3	21.40	21.49	21.70	22.70
		6	0	20.78	20.71	20.66	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.19	24.18	24.06	25.70
		1	7	24.05	24.06	24.04	25.70
		1	14	24.07	23.95	23.94	25.70
		8	0	23.63	23.54	23.57	24.70
		8	4	23.75	23.63	23.64	24.70
		8	7	23.73	23.71	23.60	24.70
		15	0	23.66	23.66	23.73	24.70
	16QAM	1	0	24.11	24.01	24.04	24.70
		1	7	23.90	23.96	23.94	24.70
		1	14	23.95	23.96	24.06	24.70
		8	0	22.70	22.67	22.55	23.70
		8	4	22.80	22.72	22.60	23.70
		8	7	22.81	22.63	22.68	23.70
		15	0	22.74	22.73	22.58	23.70
	64QAM	1	0	22.63	22.60	22.47	23.70

		1	7	22.45	22.47	22.44	23.70
		1	14	22.49	22.38	22.34	23.70
		8	0	21.54	21.44	21.48	22.70
		8	4	21.70	21.56	21.58	22.70
		8	7	21.67	21.62	21.50	22.70
		15	0	21.59	21.59	21.67	22.70
	256QAM	1	0	22.05	21.95	21.99	22.70
		1	7	21.82	21.88	21.87	22.70
		1	14	21.88	21.87	21.97	22.70
		8	0	20.60	20.59	20.49	21.70
		8	4	20.71	20.62	20.55	21.70
		8	7	20.71	20.54	20.60	21.70
		15	0	20.69	20.64	20.50	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.15	24.01	24.14	25.70
		1	13	24.17	24.10	24.08	25.70
		1	24	24.05	24.04	23.97	25.70
		12	0	23.63	23.64	23.64	24.70
		12	6	23.72	23.62	23.58	24.70
		12	13	23.75	23.59	23.64	24.70
	16QAM	25	0	23.78	23.78	23.75	24.70
		1	0	24.09	24.06	24.00	24.70
		1	13	24.04	23.93	23.97	24.70
		1	24	23.97	23.92	23.99	24.70
		12	0	22.76	22.70	22.56	23.70
		12	6	22.76	22.70	22.67	23.70
	64QAM	12	13	22.74	22.61	22.72	23.70
		25	0	22.79	22.78	22.54	23.70
		1	0	22.59	22.58	22.46	23.70
		1	13	22.50	22.46	22.46	23.70
		1	24	22.48	22.40	22.36	23.70
		12	0	21.56	21.45	21.51	22.70
	256QAM	12	6	21.69	21.57	21.58	22.70
		12	13	21.65	21.63	21.53	22.70
		25	0	21.56	21.59	21.63	22.70
		1	0	22.06	21.92	21.99	22.70
		1	13	21.82	21.88	21.84	22.70
		1	24	21.87	21.89	21.96	22.70
		12	0	20.60	20.58	20.45	21.70
		12	6	20.71	20.63	20.50	21.70
		12	13	20.71	20.57	20.58	21.70
		25	0	20.66	20.63	20.50	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.27	24.28	24.19	25.70
		1	25	24.21	24.18	24.15	25.70
		1	49	24.15	24.15	24.11	25.70
		25	0	23.75	23.87	23.66	24.70
		25	13	23.85	23.82	23.78	24.70
		25	25	23.84	23.78	23.74	24.70

		50	0	23.82	23.81	23.77	24.70
	16QAM	1	0	24.18	24.09	24.13	24.70
		1	25	24.06	23.99	23.99	24.70
		1	49	24.10	24.01	24.08	24.70
		25	0	22.78	22.77	22.71	23.70
		25	13	22.85	22.80	22.78	23.70
		25	25	22.84	22.81	22.77	23.70
		50	0	22.83	22.81	22.74	23.70
	64QAM	1	0	22.64	22.62	22.47	23.70
		1	25	22.49	22.48	22.45	23.70
		1	49	22.49	22.37	22.39	23.70
		25	0	21.57	21.45	21.52	22.70
		25	13	21.65	21.53	21.59	22.70
		25	25	21.68	21.61	21.53	22.70
		50	0	21.61	21.56	21.64	22.70
	256QAM	1	0	22.05	21.93	21.94	22.70
		1	25	21.83	21.90	21.86	22.70
		1	49	21.89	21.87	22.01	22.70
		25	0	20.63	20.61	20.47	21.70
		25	13	20.70	20.64	20.50	21.70
		25	25	20.75	20.56	20.60	21.70
		50	0	20.69	20.65	20.49	21.70

LTE Band 5 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	22.58	22.56	22.41	23.70
		1	2	22.57	22.63	22.48	23.70
		1	5	22.57	22.61	22.50	23.70
		3	0	22.60	22.61	22.58	23.70
		3	2	22.65	22.69	22.57	23.70
		3	3	22.59	22.65	22.47	23.70
		6	0	23.16	23.12	22.97	23.70
	16QAM	1	0	23.08	22.78	23.17	23.70
		1	2	22.85	22.91	23.15	23.70
		1	5	23.11	23.01	22.86	23.70
		3	0	22.65	22.62	22.58	23.70
		3	2	22.67	22.35	22.81	23.70
		3	3	22.37	22.45	22.73	23.70
		6	0	22.87	22.76	22.73	23.70
	64QAM	1	0	22.18	22.16	22.28	23.70
		1	2	22.21	22.24	22.14	23.70
		1	5	22.11	22.13	22.21	23.70
		3	0	22.17	22.20	22.22	23.70
		3	2	22.21	22.22	22.23	23.70
		3	3	22.13	22.15	22.16	23.70
		6	0	22.15	22.15	21.97	22.70
	256QAM	1	0	22.04	21.79	22.20	22.70
		1	2	22.24	21.88	22.12	22.70

		1	5	22.12	22.01	21.85	22.70
		3	0	21.64	21.61	21.57	22.70
		3	2	21.67	21.40	21.79	22.70
		3	3	21.36	21.45	21.71	22.70
		6	0	20.78	20.68	20.67	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	22.61	22.61	22.53	23.70
		1	7	22.57	22.47	22.46	23.70
		1	14	22.52	22.41	22.41	23.70
		8	0	22.58	22.45	22.49	23.70
		8	4	22.70	22.53	22.57	23.70
		8	7	22.66	22.63	22.55	23.70
		15	0	22.61	22.56	22.65	23.70
	16QAM	1	0	23.02	22.94	22.96	23.70
		1	7	22.81	22.89	22.84	23.70
		1	14	22.90	22.88	22.96	23.70
		8	0	22.70	22.67	22.55	23.70
		8	4	22.80	22.72	22.60	23.70
		8	7	22.81	22.63	22.68	23.70
		15	0	22.74	22.73	22.58	23.70
	64QAM	1	0	22.10	22.08	22.01	23.70
		1	7	21.98	21.97	21.98	23.70
		1	14	22.02	21.85	21.85	23.70
		8	0	21.57	21.49	21.49	22.70
		8	4	21.67	21.54	21.56	22.70
		8	7	21.66	21.63	21.52	22.70
		15	0	21.59	21.61	21.66	22.70
	256QAM	1	0	22.02	21.92	21.99	22.70
		1	7	21.83	21.86	21.86	22.70
		1	14	21.89	21.91	21.97	22.70
		8	0	20.60	20.61	20.45	21.70
		8	4	20.71	20.67	20.55	21.70
		8	7	20.75	20.57	20.59	21.70
		15	0	20.68	20.64	20.52	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.49	22.53	22.49	23.70
		1	13	22.64	22.61	22.53	23.70
		1	24	22.47	22.52	22.35	23.70
		12	0	22.57	22.54	22.54	23.70
		12	6	22.65	22.53	22.48	23.70
		12	13	22.69	22.53	22.58	23.70
		25	0	22.71	22.69	22.66	23.70
	16QAM	1	0	23.01	22.97	22.95	23.70
		1	13	22.94	22.85	22.87	23.70
		1	24	22.89	22.85	22.89	23.70
		12	0	22.76	22.70	22.56	23.70
		12	6	22.76	22.70	22.67	23.70
		12	13	22.74	22.61	22.72	23.70
		25	0	22.79	22.78	22.54	23.70

	64QAM	1	0	22.09	22.11	21.99	23.70
		1	13	21.97	21.97	21.97	23.70
		1	24	21.98	21.90	21.89	23.70
		12	0	21.57	21.44	21.51	22.70
		12	6	21.66	21.57	21.57	22.70
		12	13	21.67	21.62	21.50	22.70
		25	0	21.58	21.61	21.67	22.70
	256QAM	1	0	22.05	21.94	21.94	22.70
		1	13	21.84	21.89	21.89	22.70
		1	24	21.89	21.86	21.99	22.70
		12	0	20.60	20.60	20.50	21.70
		12	6	20.74	20.63	20.55	21.70
		12	13	20.76	20.57	20.63	21.70
		25	0	20.66	20.65	20.49	21.70
<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>
				20450	20525	20600	
<b>10MHz</b>	QPSK	1	0	22.69	23.05	22.58	23.70
		1	25	22.65	22.67	22.57	23.70
		1	49	22.63	22.57	22.53	23.70
		25	0	22.68	22.80	22.57	23.70
		25	13	22.75	22.74	22.73	23.70
		25	25	22.76	22.69	22.66	23.70
		50	0	22.76	22.76	22.68	23.70
	16QAM	1	0	22.90	22.99	22.92	23.70
		1	25	22.99	22.94	22.92	23.70
		1	49	23.01	22.95	23.03	23.70
		25	0	22.78	22.77	22.71	23.70
		25	13	22.85	22.80	22.78	23.70
		25	25	22.84	22.81	22.77	23.70
		50	0	22.83	22.81	22.74	23.70
	64QAM	1	0	22.12	22.13	21.99	23.70
		1	25	21.96	21.99	21.96	23.70
		1	49	21.99	21.89	21.86	23.70
		25	0	21.54	21.46	21.47	22.70
		25	13	21.65	21.57	21.56	22.70
		25	25	21.65	21.65	21.54	22.70
		50	0	21.60	21.56	21.65	22.70
	256QAM	1	0	22.05	21.95	21.94	22.70
		1	25	21.84	21.90	21.86	22.70
		1	49	21.86	21.89	21.96	22.70
		25	0	20.63	20.58	20.46	21.70
		25	13	20.71	20.63	20.51	21.70
		25	25	20.73	20.56	20.63	21.70
		50	0	20.66	20.66	20.53	21.70

LTE Band 12				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.99	23.92	23.98	25.70
		1	2	23.98	23.96	23.99	25.70
		1	5	23.95	23.92	24.04	25.70
		3	0	23.96	23.93	23.96	25.70
		3	2	23.93	24.01	23.93	25.70
		3	3	24.02	23.98	24.00	25.70
		6	0	23.41	23.41	23.47	24.70
	16QAM	1	0	23.85	23.86	23.83	24.70
		1	2	23.80	23.88	23.91	24.70
		1	5	23.77	23.86	23.75	24.70
		3	0	23.61	23.65	23.58	24.70
		3	2	23.55	23.71	23.62	24.70
		3	3	23.60	23.64	23.56	24.70
		6	0	22.49	22.51	22.52	23.70
	64QAM	1	0	22.39	22.34	22.42	23.70
		1	2	22.40	22.37	22.41	23.70
		1	5	22.39	22.33	22.47	23.70
		3	0	21.87	21.87	21.87	23.70
		3	2	21.86	21.95	21.84	23.70
		3	3	21.94	21.89	21.93	23.70
		6	0	21.31	21.32	21.38	22.70
	256QAM	1	0	21.77	21.80	21.73	22.70
		1	2	21.70	21.79	21.84	22.70
		1	5	21.70	21.80	21.70	22.70
		3	0	21.52	21.60	21.50	22.70
		3	2	21.48	21.66	21.53	22.70
		3	3	21.54	21.59	21.46	22.70
		6	0	20.40	20.45	20.43	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	24.00	23.95	23.94	25.70
		1	7	23.95	24.04	24.00	25.70
		1	14	23.96	23.94	23.96	25.70
		8	0	23.47	23.48	23.43	24.70
		8	4	23.49	23.44	23.50	24.70
		8	7	23.43	23.50	23.48	24.70
		15	0	23.44	23.45	23.45	24.70
	16QAM	1	0	23.76	23.82	23.76	24.70
		1	7	23.84	24.01	23.97	24.70
		1	14	23.72	23.81	23.76	24.70
		8	0	22.62	22.54	22.52	23.70
		8	4	22.57	22.56	22.59	23.70
		8	7	22.52	22.62	22.50	23.70
		15	0	22.53	22.44	22.53	23.70
	64QAM	1	0	22.40	22.39	22.39	23.70
1		7	22.40	22.46	22.44	23.70	

		1	14	22.38	22.37	22.38	23.70
		8	0	21.38	21.40	21.33	22.70
		8	4	21.43	21.39	21.40	22.70
		8	7	21.34	21.43	21.42	22.70
		15	0	21.38	21.37	21.39	22.70
	256QAM	1	0	21.66	21.72	21.66	22.70
		1	7	21.76	21.92	21.89	22.70
		1	14	21.67	21.75	21.69	22.70
		8	0	20.53	20.48	20.44	21.70
		8	4	20.49	20.50	20.53	21.70
		8	7	20.43	20.53	20.45	21.70
		15	0	20.48	20.37	20.46	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
<b>5MHz</b>	QPSK	1	0	23.96	24.03	23.95	25.70
		1	13	23.99	24.05	24.01	25.70
		1	24	23.92	23.97	23.92	25.70
		12	0	23.38	23.45	23.42	24.70
		12	6	23.50	23.54	23.48	24.70
		12	13	23.51	23.49	23.47	24.70
		25	0	23.47	23.43	23.47	24.70
	16QAM	1	0	23.77	23.80	23.67	24.70
		1	13	23.94	24.01	23.84	24.70
		1	24	23.86	23.87	23.78	24.70
		12	0	22.45	22.51	22.49	23.70
		12	6	22.56	22.60	22.55	23.70
		12	13	22.51	22.59	22.53	23.70
		25	0	22.53	22.48	22.52	23.70
	64QAM	1	0	22.40	22.39	22.34	23.70
		1	13	22.37	22.45	22.45	23.70
		1	24	22.36	22.36	22.38	23.70
		12	0	21.37	21.41	21.35	22.70
		12	6	21.39	21.39	21.41	22.70
		12	13	21.37	21.40	21.38	22.70
		25	0	21.37	21.35	21.39	22.70
	256QAM	1	0	21.70	21.75	21.71	22.70
		1	13	21.79	21.96	21.92	22.70
		1	24	21.67	21.72	21.71	22.70
		12	0	20.52	20.44	20.46	21.70
		12	6	20.47	20.51	20.54	21.70
		12	13	20.45	20.54	20.42	21.70
		25	0	20.48	20.34	20.43	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
<b>10MHz</b>	QPSK	1	0	23.96	24.23	23.98	25.70
		1	25	24.00	24.22	23.96	25.70
		1	49	24.03	24.05	24.00	25.70
		25	0	23.50	23.60	23.44	24.70
		25	13	23.56	23.52	23.59	24.70
		25	25	23.57	23.59	23.59	24.70
		50	0	23.57	23.49	23.53	24.70

	16QAM	1	0	23.75	23.77	23.85	24.70
		1	25	23.81	23.83	23.87	24.70
		1	49	23.76	23.99	23.95	24.70
		25	0	22.50	22.50	22.55	23.70
		25	13	22.59	22.54	22.58	23.70
		25	25	22.62	22.60	22.58	23.70
		50	0	22.59	22.53	22.57	23.70
	64QAM	1	0	22.45	22.37	22.39	23.70
		1	25	22.37	22.44	22.41	23.70
		1	49	22.40	22.39	22.41	23.70
		25	0	21.37	21.42	21.33	22.70
		25	13	21.43	21.34	21.45	22.70
		25	25	21.38	21.40	21.40	22.70
		50	0	21.34	21.40	21.38	22.70
	256QAM	1	0	21.71	21.73	21.68	22.70
		1	25	21.77	21.96	21.87	22.70
		1	49	21.64	21.74	21.67	22.70
		25	0	20.57	20.48	20.42	21.70
		25	13	20.47	20.48	20.50	21.70
		25	25	20.47	20.57	20.41	21.70
		50	0	20.46	20.36	20.46	21.70

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.54	24.60	24.60	25.70
		1	13	24.56	24.62	24.66	25.70
		1	24	24.47	24.54	24.55	25.70
		12	0	24.06	24.13	24.12	25.70
		12	6	24.09	24.09	24.08	25.70
		12	13	24.04	24.10	24.10	25.70
		25	0	24.09	24.08	24.08	24.70
	16QAM	1	0	24.44	24.54	24.51	24.70
		1	13	24.50	24.55	24.59	24.70
		1	24	24.28	24.41	24.33	24.70
		12	0	23.12	23.19	23.20	24.70
		12	6	23.17	23.12	23.17	24.70
		12	13	23.07	23.11	23.15	24.70
		25	0	23.13	23.09	23.09	23.70
	64QAM	1	0	22.96	23.00	23.05	23.70
		1	13	23.00	23.07	23.11	23.70
		1	24	22.91	22.98	22.96	23.70
		12	0	21.99	22.07	22.02	23.70
		12	6	22.04	22.03	22.00	23.70
		12	13	21.94	22.05	22.03	23.70
		25	0	22.00	22.03	22.00	22.70
	256QAM	1	0	22.36	22.48	22.43	22.70
		1	13	22.41	22.45	22.52	22.70
		1	24	22.20	22.36	22.26	22.70
		12	0	21.06	21.13	21.11	22.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz		12	6	21.07	21.03	21.12	22.70
		12	13	20.99	21.01	21.10	22.70
		25	0	21.06	21.04	20.99	21.70
	QPSK	1	0	24.42	24.59	24.44	25.70
		1	25	24.54	24.57	24.56	25.70
		1	49	24.53	24.55	24.58	25.70
		25	0	24.05	24.16	24.08	24.70
		25	13	24.15	24.13	24.11	24.70
		25	25	24.10	24.13	24.14	24.70
	16QAM	50	0	24.05	24.09	24.10	24.70
		1	0	24.34	24.34	24.46	24.70
		1	25	24.34	24.53	24.41	24.70
		1	49	24.43	24.41	24.54	24.70
		25	0	23.08	23.12	23.10	23.70
		25	13	23.19	23.13	23.16	23.70
	64QAM	25	25	23.14	23.18	23.17	23.70
		50	0	23.06	23.12	23.09	23.70
		1	0	22.94	23.02	23.03	23.70
		1	25	22.97	23.06	23.06	23.70
		1	49	22.92	22.98	22.96	23.70
		25	0	22.01	22.08	22.02	22.70
	256QAM	25	13	22.02	22.00	21.98	22.70
		25	25	21.94	22.03	22.00	22.70
		50	0	22.03	22.03	22.01	22.70
		1	0	22.34	22.47	22.45	22.70
		1	25	22.42	22.50	22.52	22.70
		1	49	22.22	22.32	22.26	22.70
	25	0	21.06	21.10	21.14	21.70	
	25	13	21.07	21.07	21.12	21.70	
	25	25	20.98	21.02	21.07	21.70	
	50	0	21.04	21.03	21.02	21.70	

LTE Band 26				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.95	23.95	23.95	25.70
		1	2	23.96	23.97	24.00	25.70
		1	5	23.95	23.96	23.97	25.70
		3	0	23.96	23.97	24.01	25.70
		3	2	23.95	23.99	23.94	25.70
		3	3	23.94	24.04	24.02	25.70
		6	0	23.43	23.32	23.32	24.70
	16QAM	1	0	23.52	23.45	23.67	24.70
		1	2	23.61	23.62	23.62	24.70
		1	5	23.61	23.59	23.47	24.70
		3	0	23.60	23.54	23.52	24.70
		3	2	23.66	23.56	23.49	24.70
		3	3	23.64	23.60	23.45	24.70

		6	0	22.35	22.50	22.29	23.70	
	64QAM	1	0	22.36	22.35	22.36	23.70	
		1	2	22.38	22.37	22.40	23.70	
		1	5	22.39	22.36	22.41	23.70	
		3	0	21.91	21.91	21.95	23.70	
		3	2	21.88	21.93	21.88	23.70	
		3	3	21.88	21.94	21.92	23.70	
		6	0	21.33	21.22	21.23	22.70	
	256QAM	1	0	21.47	21.36	21.62	22.70	
		1	2	21.55	21.56	21.57	22.70	
		1	5	21.54	21.53	21.42	22.70	
		3	0	21.50	21.49	21.46	22.70	
		3	2	21.56	21.50	21.43	22.70	
		3	3	21.56	21.55	21.37	22.70	
		6	0	20.29	20.42	20.24	21.70	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26705	26865	27025		
<b>3MHz</b>	QPSK	1	0	23.95	23.91	23.97	25.70	
		1	7	23.93	23.97	23.98	25.70	
		1	14	23.94	23.94	23.96	25.70	
		8	0	23.25	23.36	23.37	24.70	
		8	4	23.42	23.38	23.27	24.70	
		8	7	23.37	23.43	23.41	24.70	
		15	0	23.41	23.40	23.29	24.70	
	16QAM	1	0	23.53	23.47	23.69	24.70	
		1	7	23.59	23.58	23.73	24.70	
		1	14	23.64	23.56	23.51	24.70	
		8	0	22.37	22.38	22.37	23.70	
		8	4	22.42	22.35	22.32	23.70	
		8	7	22.49	22.44	22.42	23.70	
		15	0	22.39	22.50	22.28	23.70	
	64QAM	1	0	22.38	22.31	22.42	23.70	
		1	7	22.34	22.42	22.40	23.70	
		1	14	22.34	22.38	22.37	23.70	
		8	0	21.18	21.27	21.31	22.70	
		8	4	21.35	21.32	21.18	22.70	
		8	7	21.32	21.37	21.35	22.70	
		15	0	21.36	21.34	21.23	22.70	
	256QAM	1	0	21.45	21.41	21.62	22.70	
		1	7	21.54	21.49	21.64	22.70	
		1	14	21.54	21.46	21.42	22.70	
		8	0	20.28	20.30	20.27	21.70	
		8	4	20.33	20.26	20.26	21.70	
		8	7	20.39	20.36	20.34	21.70	
		15	0	20.30	20.45	20.23	21.70	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26715	26865	27015	
<b>5MHz</b>	QPSK	1	0	23.98	23.96	23.94	25.70	
		1	13	23.98	23.98	24.00	25.70	
		1	24	23.97	24.03	23.96	25.70	
		12	0	23.29	23.30	23.35	24.70	

		12	6	23.36	23.33	23.30	24.70	
		12	13	23.40	23.35	23.33	24.70	
		25	0	23.40	23.38	23.25	24.70	
		16QAM	1	0	23.55	23.43	23.68	24.70
			1	13	23.60	23.52	23.71	24.70
			1	24	23.60	23.62	23.51	24.70
			12	0	22.42	22.43	22.40	23.70
			12	6	22.37	22.39	22.29	23.70
			12	13	22.46	22.40	22.45	23.70
	25	0	22.36	22.42	22.32	23.70		
	64QAM	1	0	22.38	22.35	22.42	23.70	
		1	13	22.37	22.42	22.40	23.70	
		1	24	22.34	22.37	22.40	23.70	
		12	0	21.15	21.29	21.31	22.70	
		12	6	21.32	21.33	21.18	22.70	
		12	13	21.27	21.33	21.36	22.70	
		25	0	21.34	21.35	21.21	22.70	
	256QAM	1	0	21.45	21.42	21.62	22.70	
		1	13	21.51	21.50	21.65	22.70	
		1	24	21.54	21.46	21.42	22.70	
		12	0	20.31	20.31	20.30	21.70	
		12	6	20.34	20.26	20.24	21.70	
		12	13	20.39	20.34	20.34	21.70	
		25	0	20.34	20.42	20.18	21.70	
	<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>
					26750	26865	26990	
	<b>10MHz</b>	QPSK	1	0	23.98	23.99	23.96	25.70
			1	25	23.95	24.06	23.98	25.70
1			49	24.00	24.01	23.95	25.70	
25			0	23.36	23.32	23.38	24.70	
25			13	23.30	23.41	23.24	24.70	
25			25	23.41	23.40	23.35	24.70	
50			0	23.44	23.45	23.32	24.70	
16QAM		1	0	23.53	23.53	23.67	24.70	
		1	25	23.53	23.61	23.68	24.70	
		1	49	23.62	23.58	23.48	24.70	
		25	0	22.32	22.31	22.29	23.70	
		25	13	22.36	22.43	22.36	23.70	
		25	25	22.35	22.41	22.40	23.70	
		50	0	22.38	22.45	22.31	23.70	
64QAM		1	0	22.40	22.35	22.41	23.70	
		1	25	22.33	22.38	22.40	23.70	
		1	49	22.38	22.36	22.39	23.70	
		25	0	21.16	21.30	21.31	22.70	
		25	13	21.37	21.28	21.19	22.70	
		25	25	21.27	21.37	21.36	22.70	
		50	0	21.33	21.35	21.23	22.70	
256QAM		1	0	21.44	21.38	21.60	22.70	
		1	25	21.53	21.52	21.68	22.70	
		1	49	21.59	21.49	21.44	22.70	
		25	0	20.31	20.31	20.30	21.70	

		25	13	20.34	20.29	20.26	21.70
		25	25	20.42	20.39	20.35	21.70
		50	0	20.30	20.41	20.23	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26775	26865	26965	
15MHz	QPSK	1	0	23.96	24.01	24.23	25.70
		1	38	23.96	24.04	24.01	25.70
		1	74	24.02	23.99	24.05	25.70
		36	0	23.41	23.36	23.38	24.70
		36	18	23.37	23.45	23.34	24.70
		36	39	23.44	23.44	23.45	24.70
		75	0	23.42	23.46	23.38	24.70
	16QAM	1	0	23.67	23.46	23.72	24.70
		1	38	23.55	23.68	23.71	24.70
		1	74	23.64	23.59	23.56	24.70
		36	0	22.38	22.45	22.35	23.70
		36	18	22.49	22.42	22.40	23.70
		36	39	22.46	22.49	22.48	23.70
		75	0	22.42	22.48	22.33	23.70
	64QAM	1	0	22.35	22.32	22.41	23.70
		1	38	22.37	22.41	22.42	23.70
		1	74	22.35	22.39	22.36	23.70
		36	0	21.20	21.28	21.31	22.70
		36	18	21.36	21.30	21.20	22.70
		36	39	21.28	21.37	21.33	22.70
		75	0	21.34	21.35	21.24	22.70
	256QAM	1	0	21.46	21.42	21.64	22.70
		1	38	21.50	21.49	21.64	22.70
		1	74	21.57	21.49	21.41	22.70
		36	0	20.28	20.28	20.30	21.70
		36	18	20.35	20.27	20.22	21.70
		36	39	20.41	20.34	20.37	21.70
		75	0	20.33	20.40	20.18	21.70

## 2 Conducted Power of Main Antenna (Ant1)

### 2.1 Conducted Power of GSM

GSM 850 Full power										
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	32.36	32.07	32.15	33.50	-9.19	23.17	22.88	22.96	24.31
GPRS/EGPRS (GMSK)	1 TX Slot	32.46	32.05	32.21	33.50	-9.19	23.27	22.86	23.02	24.31
	2 TX Slots	29.26	29.14	29.17	30.50	-6.18	23.08	22.96	22.99	24.32
	3 TX Slots	27.25	27.17	26.96	28.70	-4.42	22.83	22.75	22.54	24.28
	4 TX Slots	25.60	25.69	25.61	27.50	-3.17	22.43	22.52	22.44	<b>24.33</b>
EGPRS(8PSK)	1 TX Slot	26.07	25.82	25.85	27.50	-9.19	16.88	16.63	16.66	18.31
	2 TX Slots	23.17	22.96	23.03	24.50	-6.18	16.99	16.78	16.85	18.32
	3 TX Slots	21.55	21.50	21.43	22.70	-4.42	17.13	17.08	17.01	18.28
	4 TX Slots	19.91	19.88	19.93	21.50	-3.17	16.74	16.71	16.76	18.33

GSM 850 Receiver on / hotspot on										
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	28.54	28.50	28.52	30.50	-9.19	19.35	19.31	19.33	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.85	28.61	28.77	30.50	-9.19	19.66	19.42	19.58	21.31
	2 TX Slots	25.83	25.68	25.53	27.50	-6.18	19.65	19.50	19.35	21.32
	3 TX Slots	23.86	23.84	23.87	25.70	-4.42	19.44	19.42	19.45	21.28
	4 TX Slots	22.51	22.53	22.50	24.50	-3.17	19.34	19.36	19.33	<b>21.33</b>
EGPRS(8PSK)	1 TX Slot	22.98	22.72	22.80	24.50	-9.19	13.79	13.53	13.61	15.31
	2 TX Slots	20.08	19.86	19.93	21.50	-6.18	13.90	13.68	13.75	15.32
	3 TX Slots	18.47	18.44	18.36	19.70	-4.42	14.05	14.02	13.94	15.28
	4 TX Slots	16.82	16.82	16.88	18.50	-3.17	13.65	13.65	13.71	15.33

## 2.2 Conducted Power of WCDMA

WCDMA Band V Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.24	23.30	23.18	25.00
	12.2kbps AMR	23.20	23.25	23.11	25.00
HSDPA	Subtest 1	22.18	22.24	22.17	24.00
	Subtest 2	22.25	22.10	22.23	24.00
	Subtest 3	21.67	21.66	21.67	23.50
	Subtest 4	21.73	21.51	21.71	23.50
HSUPA	Subtest 1	22.05	22.21	22.13	24.00
	Subtest 2	20.11	20.18	20.10	22.00
	Subtest 3	21.09	21.17	21.12	23.00
	Subtest 4	20.07	20.15	20.15	22.00
	Subtest 5	22.03	22.15	22.11	24.00
DC-HSDPA	Subtest 1	22.10	22.19	22.12	24.00
	Subtest 2	22.16	22.02	22.14	24.00
	Subtest 3	21.54	21.60	21.62	23.50
	Subtest 4	21.65	21.73	21.63	23.50

WCDMA Band V Receiver on / hotspot on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	18.64	18.73	18.61	20.50
	12.2kbps AMR	18.64	18.67	18.56	20.50
HSDPA	Subtest 1	17.88	17.93	17.89	19.50
	Subtest 2	17.92	17.80	17.90	19.50
	Subtest 3	17.35	17.37	17.37	19.00
	Subtest 4	17.41	17.22	17.41	19.00
HSUPA	Subtest 1	17.76	17.88	17.81	19.50
	Subtest 2	15.80	15.88	15.84	17.50
	Subtest 3	16.81	16.85	16.87	18.50
	Subtest 4	15.78	15.86	15.84	17.50
	Subtest 5	17.77	17.87	17.84	19.50
DC-HSDPA	Subtest 1	17.75	17.86	17.84	19.50
	Subtest 2	17.83	17.68	17.84	19.50
	Subtest 3	17.28	17.35	17.30	19.00
	Subtest 4	17.36	17.13	17.33	19.00

## 2.3 Conducted Power of LTE

LTE Band 5 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.37	23.34	23.22	25.00
		1	2	23.37	23.37	23.23	25.00
		1	5	23.28	23.33	23.18	25.00
		3	0	23.40	23.35	23.21	25.00
		3	2	23.46	23.33	23.24	25.00
		3	3	23.39	23.36	23.23	25.00
		6	0	22.92	22.88	22.72	24.00
	16QAM	1	0	23.34	23.27	23.17	24.00
		1	2	23.32	23.25	23.09	24.00
		1	5	23.31	23.24	23.04	24.00
		3	0	23.08	22.96	22.93	24.00
		3	2	23.12	22.94	22.92	24.00
		3	3	23.07	23.02	22.89	24.00
		6	0	22.00	22.02	21.80	23.00
	64QAM	1	0	21.78	21.75	21.65	23.00
		1	2	21.80	21.80	21.65	23.00
		1	5	21.72	21.74	21.60	23.00
		3	0	21.32	21.29	21.14	23.00
		3	2	21.39	21.24	21.19	23.00
		3	3	21.32	21.30	21.16	23.00
		6	0	20.82	20.81	20.67	22.00
	256QAM	1	0	21.29	21.19	21.10	22.00
		1	2	21.26	21.16	21.02	22.00
		1	5	21.23	21.17	20.97	22.00
		3	0	21.01	20.86	20.84	22.00
		3	2	21.06	20.89	20.85	22.00
		3	3	20.99	20.93	20.84	22.00
		6	0	19.95	19.94	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.27	23.32	23.21	25.00
		1	7	23.32	23.28	23.28	25.00
		1	14	23.22	23.17	23.14	25.00
		8	0	22.77	22.91	22.76	24.00
		8	4	22.98	22.79	22.88	24.00
		8	7	22.94	22.84	22.80	24.00
		15	0	22.89	22.95	22.79	24.00
	16QAM	1	0	23.22	23.23	23.29	24.00
		1	7	23.32	23.23	23.03	24.00
		1	14	23.15	23.15	23.10	24.00
		8	0	21.84	21.85	21.78	23.00
		8	4	21.94	21.91	21.72	23.00
		8	7	21.88	21.95	21.83	23.00
		15	0	22.04	21.82	21.83	23.00
64QAM	1	0	21.68	21.75	21.65	23.00	

		1	7	21.73	21.69	21.73	23.00
		1	14	21.64	21.62	21.56	23.00
		8	0	20.71	20.84	20.67	22.00
		8	4	20.90	20.74	20.81	22.00
		8	7	20.88	20.79	20.71	22.00
		15	0	20.81	20.87	20.74	22.00
	256QAM	1	0	21.17	21.15	21.22	22.00
		1	7	21.23	21.18	20.93	22.00
		1	14	21.08	21.06	21.03	22.00
		8	0	19.74	19.77	19.69	21.00
		8	4	19.86	19.82	19.65	21.00
		8	7	19.82	19.85	19.76	21.00
		15	0	19.98	19.77	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	23.24	23.33	23.25	25.00
		1	13	23.23	23.29	23.13	25.00
		1	24	23.17	23.25	23.16	25.00
		12	0	22.92	22.89	22.79	24.00
		12	6	22.99	22.96	22.72	24.00
		12	13	22.85	22.84	22.70	24.00
		25	0	22.84	22.80	22.79	24.00
	16QAM	1	0	23.20	23.15	23.11	24.00
		1	13	23.27	23.13	22.98	24.00
		1	24	23.13	23.21	23.09	24.00
		12	0	22.01	21.71	21.66	23.00
		12	6	21.92	21.96	21.73	23.00
		12	13	21.86	21.86	21.73	23.00
		25	0	21.87	21.92	21.84	23.00
	64QAM	1	0	21.69	21.73	21.64	23.00
		1	13	21.75	21.72	21.73	23.00
		1	24	21.62	21.62	21.56	23.00
		12	0	20.71	20.83	20.71	22.00
		12	6	20.92	20.72	20.78	22.00
		12	13	20.86	20.77	20.70	22.00
		25	0	20.84	20.90	20.70	22.00
	256QAM	1	0	21.13	21.15	21.23	22.00
		1	13	21.23	21.14	20.97	22.00
		1	24	21.07	21.06	21.03	22.00
		12	0	19.78	19.79	19.69	21.00
		12	6	19.84	19.85	19.62	21.00
		12	13	19.83	19.85	19.73	21.00
		25	0	19.94	19.77	19.74	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.36	23.42	23.27	25.00
		1	25	23.41	23.36	23.30	25.00
		1	49	23.32	23.28	23.18	25.00
		25	0	22.97	23.04	22.82	24.00
		25	13	23.03	22.99	22.91	24.00
		25	25	23.00	22.94	22.85	24.00

		50	0	23.02	22.97	22.89	24.00
	16QAM	1	0	23.34	23.32	23.31	24.00
		1	25	23.36	23.31	23.06	24.00
		1	49	23.27	23.23	23.21	24.00
		25	0	22.03	21.90	21.84	23.00
		25	13	22.06	21.99	21.91	23.00
		25	25	22.04	21.99	21.91	23.00
		50	0	22.06	21.99	21.91	23.00
	64QAM	1	0	21.67	21.73	21.65	23.00
		1	25	21.76	21.69	21.73	23.00
		1	49	21.62	21.59	21.58	23.00
		25	0	20.68	20.82	20.68	22.00
		25	13	20.88	20.74	20.83	22.00
		25	25	20.84	20.75	20.72	22.00
		50	0	20.80	20.85	20.70	22.00
	256QAM	1	0	21.14	21.17	21.24	22.00
		1	25	21.27	21.18	20.97	22.00
		1	49	21.05	21.10	21.05	22.00
		25	0	19.79	19.79	19.69	21.00
		25	13	19.84	19.86	19.64	21.00
		25	25	19.82	19.86	19.75	21.00
		50	0	19.94	19.76	19.75	21.00

LTE Band 5 Receiver on / hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	16.28	16.42	16.33	18.00
		1	2	16.41	16.25	16.20	18.00
		1	5	16.39	16.20	16.03	18.00
		3	0	16.39	16.26	16.08	18.00
		3	2	16.48	16.35	16.31	18.00
		3	3	16.43	16.35	16.21	18.00
		6	0	16.40	16.39	16.25	18.00
	16QAM	1	0	16.07	16.10	16.03	18.00
		1	2	16.04	16.04	16.22	18.00
		1	5	16.12	16.05	16.21	18.00
		3	0	16.36	16.24	16.23	18.00
		3	2	16.40	16.17	16.22	18.00
		3	3	16.21	16.20	16.05	18.00
		6	0	16.31	16.26	16.08	18.00
	64QAM	1	0	16.21	16.35	16.28	18.00
		1	2	16.33	16.17	16.10	18.00
		1	5	16.30	16.15	16.05	18.00
		3	0	16.33	16.19	16.02	18.00
		3	2	16.39	16.29	16.24	18.00
		3	3	16.34	16.29	16.12	18.00
		6	0	16.34	16.32	16.17	18.00
	256QAM	1	0	16.36	16.34	16.16	18.00
		1	2	16.40	16.26	16.17	18.00
		1	5	16.06	16.00	16.11	18.00

		3	0	16.29	16.14	16.15	18.00
		3	2	16.31	16.08	16.14	18.00
		3	3	16.15	16.13	16.00	18.00
		6	0	16.21	16.18	16.01	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	16.26	16.34	16.19	18.00
		1	7	16.39	16.34	16.34	18.00
		1	14	16.29	16.24	16.19	18.00
		8	0	16.34	16.33	16.37	18.00
		8	4	16.56	16.31	16.27	18.00
		8	7	16.36	16.42	16.21	18.00
		15	0	16.55	16.42	16.26	18.00
	16QAM	1	0	16.02	16.15	16.12	18.00
		1	7	16.10	16.20	16.21	18.00
		1	14	16.03	16.05	16.05	18.00
		8	0	16.20	16.19	16.01	18.00
		8	4	16.36	16.21	16.29	18.00
		8	7	16.46	16.25	16.17	18.00
		15	0	16.31	16.35	16.06	18.00
	64QAM	1	0	16.40	16.28	16.14	18.00
		1	7	16.23	16.32	16.18	18.00
		1	14	16.23	16.23	16.06	18.00
		8	0	16.36	16.25	16.19	18.00
		8	4	16.35	16.26	16.17	18.00
		8	7	16.37	16.39	16.21	18.00
		15	0	16.26	16.21	16.14	18.00
	256QAM	1	0	16.29	16.19	16.07	18.00
		1	7	16.31	16.20	16.14	18.00
		1	14	16.30	16.25	16.03	18.00
		8	0	16.26	16.20	16.12	18.00
		8	4	16.29	16.22	16.11	18.00
		8	7	16.28	16.19	16.13	18.00
		15	0	16.27	16.26	16.08	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	16.34	16.29	16.14	18.00
		1	13	16.25	16.31	16.31	18.00
		1	24	16.26	16.30	16.10	18.00
		12	0	16.50	16.32	16.10	18.00
		12	6	16.56	16.29	16.33	18.00
		12	13	16.40	16.51	16.18	18.00
		25	0	16.37	16.36	16.35	18.00
	16QAM	1	0	16.06	16.13	16.23	18.00
		1	13	16.08	16.47	16.16	18.00
		1	24	16.14	16.37	16.13	18.00
		12	0	16.33	16.34	16.15	18.00
		12	6	16.47	16.16	16.21	18.00
		12	13	16.37	16.13	16.21	18.00
		25	0	16.46	16.14	16.20	18.00
	64QAM	1	0	16.39	16.32	16.15	18.00

		1	13	16.28	16.32	16.22	18.00
		1	24	16.22	16.20	16.03	18.00
		12	0	16.32	16.28	16.18	18.00
		12	6	16.34	16.29	16.18	18.00
		12	13	16.37	16.34	16.20	18.00
		25	0	16.40	16.31	16.15	18.00
	256QAM	1	0	16.24	16.20	16.05	18.00
		1	13	16.33	16.27	16.13	18.00
		1	24	16.37	16.26	16.05	18.00
		12	0	16.24	16.22	16.08	18.00
		12	6	16.27	16.21	16.14	18.00
		12	13	16.31	16.23	16.12	18.00
	25	0	16.28	16.23	16.06	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20450					20525	20600	
10MHz	QPSK	1	0	16.46	16.38	16.23	18.00
		1	25	16.33	16.37	16.27	18.00
		1	49	16.32	16.29	16.13	18.00
		25	0	16.41	16.34	16.26	18.00
		25	13	16.44	16.36	16.24	18.00
		25	25	16.44	16.44	16.26	18.00
		50	0	16.45	16.36	16.23	18.00
	16QAM	1	0	16.06	16.05	16.12	18.00
		1	25	16.01	16.01	16.22	18.00
		1	49	16.06	16.17	16.10	18.00
		25	0	16.32	16.29	16.17	18.00
		25	13	16.35	16.27	16.19	18.00
		25	25	16.37	16.29	16.18	18.00
		50	0	16.36	16.31	16.13	18.00
	64QAM	1	0	16.38	16.28	16.15	18.00
		1	25	16.28	16.29	16.22	18.00
		1	49	16.25	16.20	16.04	18.00
		25	0	16.31	16.26	16.18	18.00
		25	13	16.37	16.28	16.14	18.00
		25	25	16.37	16.37	16.17	18.00
		50	0	16.36	16.31	16.17	18.00
	256QAM	1	0	16.23	16.19	16.03	18.00
		1	25	16.32	16.26	16.12	18.00
		1	49	16.00	16.11	16.02	18.00
		25	0	16.22	16.23	16.12	18.00
		25	13	16.25	16.18	16.14	18.00
		25	25	16.31	16.24	16.12	18.00
		50	0	16.27	16.24	16.04	18.00

LTE Band 5 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.51	22.37	22.29	24.00
		1	2	22.56	22.45	22.37	24.00
		1	5	22.41	22.39	22.30	24.00

		3	0	22.59	22.50	22.31	24.00	
		3	2	22.58	22.45	22.26	24.00	
		3	3	22.53	22.52	22.37	24.00	
		6	0	22.51	22.47	22.32	24.00	
	16QAM	1	0	22.76	22.87	22.69	24.00	
		1	2	22.83	22.93	22.74	24.00	
		1	5	22.84	22.84	22.72	24.00	
		3	0	21.66	21.49	21.36	23.00	
		3	2	21.62	21.48	21.43	23.00	
		3	3	21.67	21.65	21.42	23.00	
		6	0	21.60	21.46	21.29	23.00	
	64QAM	1	0	21.79	21.78	21.63	23.00	
		1	2	21.77	21.77	21.68	23.00	
		1	5	21.68	21.75	21.59	23.00	
		3	0	21.34	21.28	21.15	22.00	
		3	2	21.41	21.26	21.15	22.00	
		3	3	21.33	21.31	21.13	22.00	
		6	0	20.87	20.82	20.65	22.00	
	256QAM	1	0	21.29	21.20	21.09	22.00	
		1	2	21.24	21.19	21.01	22.00	
		1	5	21.24	21.16	20.97	22.00	
		3	0	20.88	20.89	20.88	21.00	
		3	2	20.85	20.85	20.85	21.00	
		3	3	20.98	20.97	20.82	21.00	
		6	0	19.92	19.97	19.74	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>	<b>Tune up</b>
	<b>3MHz</b>	QPSK	1	0	22.47	22.42	22.29	24.00
			1	7	22.51	22.48	22.32	24.00
1			14	22.46	22.41	22.25	24.00	
8			0	22.56	22.47	22.32	24.00	
8			4	22.55	22.47	22.31	24.00	
8			7	22.56	22.51	22.40	24.00	
15			0	22.53	22.43	22.27	24.00	
16QAM		1	0	22.80	22.82	22.74	24.00	
		1	7	22.84	22.90	22.76	24.00	
		1	14	22.79	22.83	22.67	24.00	
		8	0	21.65	21.52	21.40	23.00	
		8	4	21.67	21.52	21.40	23.00	
		8	7	21.65	21.60	21.46	23.00	
		15	0	21.57	21.48	21.32	23.00	
64QAM		1	0	21.70	21.73	21.66	23.00	
		1	7	21.77	21.69	21.70	23.00	
		1	14	21.63	21.59	21.55	23.00	
		8	0	20.72	20.85	20.68	22.00	
		8	4	20.91	20.73	20.82	22.00	
		8	7	20.87	20.74	20.72	22.00	
		15	0	20.84	20.88	20.71	22.00	
256QAM		1	0	21.16	21.17	21.21	22.00	
		1	7	21.25	21.18	20.98	22.00	
		1	14	21.05	21.07	21.00	22.00	

		8	0	19.78	19.78	19.72	21.00
		8	4	19.88	19.82	19.62	21.00
		8	7	19.79	19.89	19.75	21.00
		15	0	19.96	19.73	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.53	22.51	22.33	24.00
		1	13	22.57	22.54	22.39	24.00
		1	24	22.50	22.51	22.27	24.00
		12	0	22.51	22.47	22.35	24.00
		12	6	22.60	22.48	22.33	24.00
		12	13	22.54	22.54	22.38	24.00
		25	0	22.57	22.46	22.32	24.00
	16QAM	1	0	22.87	22.75	22.61	24.00
		1	13	22.88	23.03	22.74	24.00
		1	24	22.85	22.84	22.67	24.00
		12	0	21.56	21.52	21.44	23.00
		12	6	21.63	21.52	21.38	23.00
		12	13	21.61	21.59	21.43	23.00
		25	0	21.58	21.49	21.35	23.00
	64QAM	1	0	21.69	21.77	21.62	23.00
		1	13	21.76	21.68	21.69	23.00
		1	24	21.64	21.61	21.55	23.00
		12	0	20.69	20.86	20.71	22.00
		12	6	20.92	20.69	20.79	22.00
		12	13	20.86	20.79	20.70	22.00
		25	0	20.84	20.86	20.70	22.00
	256QAM	1	0	21.15	21.17	21.23	22.00
		1	13	21.24	21.13	20.95	22.00
		1	24	21.07	21.06	21.03	22.00
		12	0	19.79	19.79	19.69	21.00
		12	6	19.85	19.81	19.67	21.00
		12	13	19.78	19.86	19.76	21.00
		25	0	19.99	19.77	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.48	22.49	22.39	24.00
		1	25	22.51	22.50	22.46	24.00
		1	49	22.39	22.44	22.31	24.00
		25	0	22.49	22.51	22.39	24.00
		25	13	22.59	22.53	22.40	24.00
		25	25	22.52	22.55	22.45	24.00
		50	0	22.60	22.49	22.39	24.00
	16QAM	1	0	22.96	22.79	22.83	24.00
		1	25	22.88	22.82	22.73	24.00
		1	49	22.86	22.89	22.74	24.00
		25	0	21.56	21.55	21.42	23.00
		25	13	21.64	21.54	21.42	23.00
		25	25	21.58	21.59	21.45	23.00
		50	0	21.60	21.52	21.39	23.00
	64QAM	1	0	21.71	21.73	21.63	23.00

		1	25	21.73	21.72	21.73	23.00
		1	49	21.67	21.58	21.54	23.00
		25	0	20.71	20.81	20.66	22.00
		25	13	20.92	20.73	20.80	22.00
		25	25	20.86	20.75	20.75	22.00
		50	0	20.84	20.90	20.70	22.00
	256QAM	1	0	21.16	21.17	21.20	22.00
		1	25	21.23	21.14	20.93	22.00
		1	49	21.05	21.05	21.05	22.00
		25	0	19.74	19.76	19.73	21.00
		25	13	19.84	19.86	19.67	21.00
		25	25	19.83	19.87	19.77	21.00
		50	0	19.96	19.73	19.74	21.00

LTE Band 12 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.50	23.55	23.51	25.00
		1	2	23.63	23.56	23.52	25.00
		1	5	23.59	23.51	23.63	25.00
		3	0	23.51	23.56	23.56	25.00
		3	2	23.51	23.59	23.56	25.00
		3	3	23.61	23.56	23.52	25.00
		6	0	23.02	23.00	23.06	24.00
	16QAM	1	0	23.38	23.54	23.52	24.00
		1	2	23.47	23.56	23.55	24.00
		1	5	23.35	23.43	23.43	24.00
		3	0	23.22	23.26	23.22	24.00
		3	2	23.18	23.31	23.24	24.00
		3	3	23.17	23.21	23.15	24.00
		6	0	22.08	22.06	22.13	23.00
	64QAM	1	0	21.91	21.97	21.92	23.00
		1	2	22.06	22.01	21.92	23.00
		1	5	22.00	21.96	22.08	23.00
		3	0	21.46	21.48	21.50	22.00
		3	2	21.42	21.52	21.50	22.00
		3	3	21.51	21.51	21.47	22.00
		6	0	20.92	20.95	20.98	22.00
	256QAM	1	0	21.31	21.45	21.44	22.00
		1	2	21.39	21.49	21.50	22.00
		1	5	21.27	21.37	21.36	22.00
		3	0	21.12	21.16	21.17	22.00
		3	2	21.13	21.23	21.15	22.00
		3	3	21.10	21.16	21.06	22.00
		6	0	20.03	19.99	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.54	23.50	23.62	25.00
		1	7	23.64	23.60	23.55	25.00
		1	14	23.50	23.61	23.58	25.00

		8	0	23.06	23.06	23.04	24.00	
		8	4	23.07	23.07	23.12	24.00	
		8	7	23.03	23.10	23.08	24.00	
		15	0	23.00	23.06	23.07	24.00	
	16QAM	1	0	23.30	23.40	23.36	24.00	
		1	7	23.39	23.48	23.44	24.00	
		1	14	23.35	23.38	23.35	24.00	
		8	0	22.13	22.14	22.14	23.00	
		8	4	22.12	22.14	22.19	23.00	
		8	7	22.11	22.18	22.16	23.00	
		15	0	22.05	22.05	22.12	23.00	
	64QAM	1	0	21.98	21.91	22.02	23.00	
		1	7	22.08	22.01	21.99	23.00	
		1	14	21.92	22.06	22.01	23.00	
		8	0	20.97	20.99	20.96	22.00	
		8	4	21.01	20.98	21.05	22.00	
		8	7	20.96	21.04	21.01	22.00	
		15	0	20.92	20.97	20.98	22.00	
	256QAM	1	0	21.25	21.33	21.27	22.00	
		1	7	21.30	21.43	21.36	22.00	
		1	14	21.26	21.30	21.30	22.00	
		8	0	20.04	20.05	20.04	21.00	
		8	4	20.05	20.09	20.13	21.00	
		8	7	20.04	20.11	20.09	21.00	
		15	0	19.95	19.95	20.07	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>	<b>Tune up</b>
					23035	23095	23155	
	<b>5MHz</b>	QPSK	1	0	23.57	23.50	23.62	25.00
1			13	23.53	23.58	23.56	25.00	
1			24	23.51	23.58	23.55	25.00	
12			0	22.97	23.02	23.04	24.00	
12			6	23.07	23.06	23.16	24.00	
12			13	23.04	23.11	23.11	24.00	
25			0	23.02	23.04	23.10	24.00	
16QAM		1	0	23.31	23.45	23.35	24.00	
		1	13	23.55	23.56	23.49	24.00	
		1	24	23.40	23.41	23.41	24.00	
		12	0	22.05	22.11	22.10	23.00	
		12	6	22.16	22.12	22.16	23.00	
		12	13	22.10	22.17	22.13	23.00	
		25	0	22.07	22.07	22.12	23.00	
64QAM		1	0	21.94	21.95	22.03	23.00	
		1	13	22.07	22.01	21.97	23.00	
		1	24	21.90	22.02	22.02	23.00	
		12	0	20.99	20.98	20.95	22.00	
		12	6	20.99	20.98	21.02	22.00	
		12	13	20.93	21.02	21.01	22.00	
		25	0	20.90	21.00	20.98	22.00	
256QAM		1	0	21.21	21.33	21.26	22.00	
		1	13	21.31	21.38	21.34	22.00	
		1	24	21.25	21.30	21.27	22.00	
		12	0	20.08	20.04	20.07	21.00	

		12	6	20.04	20.09	20.09	21.00
		12	13	20.02	20.13	20.11	21.00
		25	0	19.97	19.96	20.05	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.51	23.70	23.60	25.00
		1	25	23.51	23.59	23.57	25.00
		1	49	23.68	23.61	23.64	25.00
		25	0	23.00	23.17	23.05	24.00
		25	13	23.11	23.09	23.16	24.00
		25	25	23.10	23.13	23.14	24.00
		50	0	23.10	23.06	23.16	24.00
	16QAM	1	0	23.23	23.38	23.44	24.00
		1	25	23.51	23.44	23.44	24.00
		1	49	23.61	23.52	23.58	24.00
		25	0	22.02	22.07	22.10	23.00
		25	13	22.14	22.11	22.22	23.00
		25	25	22.14	22.19	22.20	23.00
		50	0	22.12	22.09	22.16	23.00
	64QAM	1	0	21.95	21.90	22.05	23.00
		1	25	22.08	22.05	21.96	23.00
		1	49	21.91	22.02	22.03	23.00
		25	0	20.96	20.97	20.99	22.00
		25	13	20.97	21.01	21.02	22.00
		25	25	20.98	21.05	21.03	22.00
		50	0	20.95	20.99	20.97	22.00
	256QAM	1	0	21.21	21.35	21.27	22.00
		1	25	21.33	21.42	21.38	22.00
		1	49	21.25	21.29	21.25	22.00
		25	0	20.07	20.08	20.06	21.00
		25	13	20.05	20.09	20.11	21.00
		25	25	20.03	20.13	20.09	21.00
		50	0	19.96	19.97	20.02	21.00

LTE Band 12 Receiver on / hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	21.86	21.73	21.89	23.00
		1	2	21.82	21.93	21.81	23.00
		1	5	21.68	21.93	21.8	23.00
		3	0	21.79	21.77	21.8	23.00
		3	2	21.86	21.88	21.93	23.00
		3	3	21.83	21.91	21.88	23.00
		6	0	21.93	21.88	21.97	23.00
	16QAM	1	0	21.52	21.54	21.24	23.00
		1	2	21.58	21.57	21.3	23.00
		1	5	21.59	21.14	21.21	23.00
		3	0	21.91	21.91	21.81	23.00
		3	2	21.98	21.92	21.54	23.00
		3	3	21.91	21.89	21.93	23.00

		6	0	21.91	21.8	21.94	23.00
	64QAM	1	0	21.93	21.97	21.91	23.00
		1	2	22.04	22.00	21.92	23.00
		1	5	22.01	21.95	22.04	23.00
		3	0	21.44	21.46	21.47	22.00
		3	2	21.44	21.50	21.48	22.00
		3	3	21.56	21.50	21.45	22.00
		6	0	20.93	20.95	21.00	22.00
	256QAM	1	0	21.31	21.48	21.46	22.00
		1	2	21.40	21.47	21.50	22.00
		1	5	21.29	21.36	21.36	22.00
		3	0	21.17	21.20	21.13	22.00
		3	2	21.08	21.24	21.14	22.00
		3	3	21.08	21.11	21.07	22.00
		6	0	19.98	20.01	20.04	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>	<b>Tune up</b>
				23025	23095	23165	
<b>3MHz</b>	QPSK	1	0	21.84	21.68	21.91	23.00
		1	7	21.81	21.95	21.83	23.00
		1	14	21.73	21.97	21.78	23.00
		8	0	21.79	21.79	21.83	23.00
		8	4	21.89	21.86	21.93	23.00
		8	7	21.86	21.87	21.88	23.00
		15	0	21.97	21.87	22.01	23.00
	16QAM	1	0	21.53	21.63	21.24	23.00
		1	7	21.57	21.65	21.3	23.00
		1	14	21.59	21.13	21.21	23.00
		8	0	21.43	21.43	21.32	23.00
		8	4	21.52	21.45	21.54	23.00
		8	7	21.43	21.37	21.41	23.00
		15	0	21.41	21.32	21.47	23.00
	64QAM	1	0	21.96	21.90	22.07	23.00
		1	7	22.06	22.04	22.00	23.00
		1	14	21.94	22.02	21.99	23.00
		8	0	21.00	21.01	20.97	22.00
		8	4	21.00	20.98	21.04	22.00
		8	7	20.97	21.02	21.00	22.00
		15	0	20.91	20.97	21.02	22.00
	256QAM	1	0	21.20	21.35	21.31	22.00
		1	7	21.33	21.41	21.36	22.00
		1	14	21.27	21.28	21.27	22.00
		8	0	20.04	20.09	20.07	21.00
		8	4	20.02	20.05	20.13	21.00
		8	7	20.05	20.10	20.10	21.00
		15	0	19.98	19.96	20.04	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>	<b>Tune up</b>
				23035	23095	23155	
<b>5MHz</b>	QPSK	1	0	21.82	21.71	21.94	23.00
		1	13	21.79	21.95	21.8	23.00
		1	24	21.7	21.98	21.75	23.00
		12	0	21.83	21.76	21.8	23.00
		12	6	21.9	21.85	21.95	23.00

		12	13	21.88	21.92	21.9	23.00	
		25	0	21.93	21.89	22.01	23.00	
	16QAM	1	0	21.73	21.63	21.22	23.00	
		1	13	21.74	21.65	21.3	23.00	
		1	24	21.64	21.12	21.23	23.00	
		12	0	21.38	21.45	21.33	23.00	
		12	6	21.51	21.46	21.57	23.00	
		12	13	21.96	21.87	21.91	23.00	
		25	0	21.94	21.82	21.96	23.00	
	64QAM	1	0	21.97	21.94	22.06	23.00	
		1	13	22.07	22.04	21.95	23.00	
		1	24	21.95	22.06	22.00	23.00	
		12	0	21.00	20.97	20.97	22.00	
		12	6	20.99	20.97	21.05	22.00	
		12	13	20.98	21.01	21.01	22.00	
		25	0	20.95	20.96	20.97	22.00	
	256QAM	1	0	21.23	21.33	21.31	22.00	
		1	13	21.31	21.43	21.35	22.00	
		1	24	21.26	21.29	21.28	22.00	
		12	0	20.08	20.09	20.06	21.00	
		12	6	20.07	20.07	20.11	21.00	
		12	13	20.04	20.09	20.11	21.00	
		25	0	19.99	19.98	20.07	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23060	23095	23130	
10MHz	QPSK	1	0	21.86	21.85	21.94	23.00	
		1	25	21.49	21.88	21.52	23.00	
		1	49	21.43	21.98	21.5	23.00	
		25	0	21.54	21.5	21.53	23.00	
		25	13	21.63	21.59	21.68	23.00	
		25	25	21.58	21.62	21.62	23.00	
		50	0	21.67	21.61	21.71	23.00	
	16QAM	1	0	21.4	21.35	21.45	23.00	
		1	25	21.38	21.42	21.4	23.00	
		1	49	21.84	21.37	21.45	23.00	
		25	0	21.63	21.65	21.55	23.00	
		25	13	21.72	21.67	21.78	23.00	
		25	25	21.66	21.62	21.64	23.00	
		50	0	21.65	21.54	21.68	23.00	
	64QAM	1	0	21.96	21.90	22.02	23.00	
		1	25	22.07	22.00	21.96	23.00	
		1	49	21.91	22.04	21.99	23.00	
		25	0	20.99	21.01	20.95	22.00	
		25	13	20.97	20.97	21.03	22.00	
		25	25	20.94	21.01	21.01	22.00	
		50	0	20.93	20.98	20.99	22.00	
	256QAM	1	0	21.21	21.33	21.26	22.00	
		1	25	21.29	21.38	21.34	22.00	
		1	49	21.25	21.28	21.29	22.00	
		25	0	20.03	20.09	20.07	21.00	
25		13	20.03	20.07	20.10	21.00		

		25	25	20.03	20.10	20.10	21.00
		50	0	19.97	19.96	20.07	21.00

LTE Band 17 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	23.58	23.66	23.65	25.00
		1	13	23.60	23.67	23.69	25.00
		1	24	23.55	23.60	23.58	25.00
		12	0	23.09	23.15	23.18	24.00
		12	6	23.14	23.14	23.15	24.00
		12	13	23.11	23.16	23.16	24.00
		25	0	23.14	23.12	23.13	24.00
	16QAM	1	0	23.52	23.54	23.42	24.00
		1	13	23.62	23.61	23.65	24.00
		1	24	23.43	23.41	23.45	24.00
		12	0	22.14	22.23	22.21	23.00
		12	6	22.21	22.19	22.18	23.00
		12	13	22.13	22.24	22.21	23.00
		25	0	22.17	22.15	22.18	23.00
	64QAM	1	0	21.99	22.09	22.10	23.00
		1	13	22.05	22.08	22.09	23.00
		1	24	21.95	22.02	22.02	23.00
		12	0	21.02	21.09	21.08	22.00
		12	6	21.05	21.09	21.09	22.00
		12	13	21.03	21.11	21.10	22.00
		25	0	21.09	21.06	21.04	22.00
	256QAM	1	0	21.43	21.47	21.33	22.00
		1	13	21.53	21.55	21.58	22.00
		1	24	21.38	21.31	21.35	22.00
		12	0	20.08	20.17	20.13	21.00
		12	6	20.14	20.12	20.13	21.00
		12	13	20.06	20.19	20.15	21.00
		25	0	20.08	20.09	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	23.52	23.67	23.55	25.00
		1	25	23.59	23.61	23.63	25.00
		1	49	23.63	23.66	23.66	25.00
		25	0	23.09	23.24	23.15	24.00
		25	13	23.23	23.15	23.18	24.00
		25	25	23.19	23.20	23.19	24.00
		50	0	23.10	23.13	23.15	24.00
	16QAM	1	0	23.36	23.48	23.43	24.00
		1	25	23.44	23.48	23.51	24.00
		1	49	23.53	23.55	23.60	24.00
		25	0	22.13	22.15	22.15	23.00
		25	13	22.24	22.19	22.20	23.00
		25	25	22.21	22.22	22.22	23.00
		50	0	22.15	22.12	22.15	23.00

	64QAM	1	0	21.99	22.07	22.10	23.00
		1	25	22.03	22.08	22.10	23.00
		1	49	22.00	22.02	22.01	23.00
		25	0	21.04	21.05	21.13	22.00
		25	13	21.05	21.04	21.10	22.00
		25	25	21.03	21.10	21.10	22.00
		50	0	21.04	21.03	21.05	22.00
	256QAM	1	0	21.42	21.49	21.33	22.00
		1	25	21.55	21.54	21.55	22.00
		1	49	21.33	21.31	21.37	22.00
		25	0	20.08	20.15	20.14	21.00
		25	13	20.13	20.14	20.12	21.00
		25	25	20.07	20.14	20.13	21.00
		50	0	20.08	20.06	20.09	21.00

LTE Band 17 Receiver on / hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	22.00	21.92	21.97	23.00
		1	13	21.99	21.94	22.03	23.00
		1	24	21.96	21.84	21.65	23.00
		12	0	22.07	22.00	22.05	23.00
		12	6	22.03	21.95	21.99	23.00
		12	13	21.97	21.87	21.92	23.00
		25	0	21.89	21.92	21.98	23.00
	16QAM	1	0	21.49	21.84	21.92	23.00
		1	13	21.56	21.79	21.94	23.00
		1	24	21.66	22.09	21.70	23.00
		12	0	21.48	21.81	22.00	23.00
		12	6	21.60	22.06	21.63	23.00
		12	13	22.03	21.98	21.95	23.00
		25	0	22.02	21.91	22.07	23.00
	64QAM	1	0	22.02	22.10	22.08	23.00
		1	13	22.04	22.09	22.12	23.00
		1	24	21.96	22.03	22.02	23.00
		12	0	21.03	21.09	21.12	22.00
		12	6	21.06	21.06	21.05	22.00
		12	13	21.02	21.08	21.08	22.00
		25	0	21.04	21.05	21.04	22.00
	256QAM	1	0	21.44	21.45	21.36	22.00
		1	13	21.56	21.51	21.57	22.00
		1	24	21.37	21.33	21.40	22.00
		12	0	20.06	20.13	20.14	21.00
		12	6	20.15	20.14	20.11	21.00
		12	13	20.04	20.16	20.15	21.00
		25	0	20.10	20.09	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	21.96	21.86	21.83	23.00
		1	25	21.90	21.92	22.06	23.00

		1	49	21.76	21.78	21.88	23.00
		25	0	22.04	22.03	22.08	23.00
		25	13	22.13	21.95	22.02	23.00
		25	25	21.71	22.06	21.99	23.00
		50	0	21.72	21.97	22.03	23.00
	16QAM	1	0	21.56	21.77	21.96	23.00
		1	25	21.58	21.97	21.71	23.00
		1	49	21.55	21.79	21.92	23.00
		25	0	21.72	21.99	21.64	23.00
		25	13	21.55	21.84	21.93	23.00
		25	25	21.70	21.94	21.70	23.00
		50	0	21.94	21.84	21.97	23.00
	64QAM	1	0	21.98	22.08	22.06	23.00
		1	25	22.05	22.12	22.12	23.00
		1	49	21.97	22.02	21.99	23.00
		25	0	21.02	21.10	21.08	22.00
		25	13	21.05	21.08	21.06	22.00
		25	25	21.01	21.07	21.11	22.00
		50	0	21.04	21.03	21.03	22.00
	256QAM	1	0	21.45	21.45	21.35	22.00
		1	25	21.52	21.54	21.55	22.00
		1	49	21.33	21.36	21.37	22.00
		25	0	20.09	20.13	20.14	21.00
		25	13	20.11	20.12	20.08	21.00
		25	25	20.06	20.19	20.15	21.00
		50	0	20.10	20.10	20.10	21.00

LTE Band 26 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.71	23.68	23.57	25.00
		1	2	23.75	23.69	23.62	25.00
		1	5	23.70	23.58	23.56	25.00
		3	0	23.52	23.55	23.50	25.00
		3	2	23.53	23.53	23.56	25.00
		3	3	23.51	23.55	23.51	25.00
		6	0	23.31	23.10	23.05	24.00
	16QAM	1	0	23.56	23.46	23.37	24.00
		1	2	23.68	23.65	23.67	24.00
		1	5	23.42	23.12	23.41	24.00
		3	0	23.54	22.53	23.57	24.00
		3	2	22.51	23.51	23.56	24.00
		3	3	22.52	22.53	22.50	24.00
		6	0	22.32	22.20	22.05	23.00
	64QAM	1	0	22.11	22.10	21.98	23.00
		1	2	22.19	22.14	22.02	23.00
		1	5	22.14	22.02	22.01	23.00
		3	0	21.45	21.50	21.41	22.00
		3	2	21.44	21.44	21.50	22.00
		3	3	21.45	21.49	21.42	22.00

		6	0	21.25	21.03	20.97	22.00	
	256QAM	1	0	21.47	21.38	21.29	22.00	
		1	2	21.61	21.60	21.57	22.00	
		1	5	21.37	21.05	21.31	22.00	
		3	0	21.49	20.44	21.51	22.00	
		3	2	20.41	21.41	21.48	22.00	
		3	3	20.42	20.43	20.43	22.00	
		6	0	20.27	20.14	19.97	21.00	
<b>Bandwidth</b>		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	26705				26865	27025		
<b>3MHz</b>	QPSK	1	0	23.74	23.73	23.50	25.00	
		1	7	23.71	23.76	23.61	25.00	
		1	14	23.67	23.58	23.51	25.00	
		8	0	23.20	23.10	23.10	24.00	
		8	4	23.33	23.23	23.04	24.00	
		8	7	23.17	22.84	23.09	24.00	
		15	0	23.26	23.13	23.04	24.00	
	16QAM	1	0	23.53	23.42	23.35	24.00	
		1	7	23.65	23.65	23.63	24.00	
		1	14	23.37	23.13	23.46	24.00	
		8	0	22.25	22.13	22.05	23.00	
		8	4	22.27	22.33	22.08	23.00	
		8	7	22.33	22.02	22.15	23.00	
		15	0	22.28	22.19	22.01	23.00	
	64QAM	1	0	22.15	22.18	21.90	23.00	
		1	7	22.15	22.17	22.05	23.00	
		1	14	22.08	21.99	21.94	23.00	
		8	0	21.11	21.03	21.05	22.00	
		8	4	21.25	21.17	20.96	22.00	
		8	7	21.10	20.77	21.00	22.00	
		15	0	21.17	21.07	20.95	22.00	
	256QAM	1	0	21.43	21.32	21.30	22.00	
		1	7	21.56	21.55	21.56	22.00	
		1	14	21.27	21.08	21.37	22.00	
		8	0	20.15	20.05	19.98	21.00	
		8	4	20.18	20.28	19.99	21.00	
		8	7	20.25	19.95	20.07	21.00	
		15	0	20.19	20.13	19.93	21.00	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26715	26865	27015	
<b>5MHz</b>	QPSK	1	0	23.66	23.65	23.51	25.00	
		1	13	23.63	23.67	23.55	25.00	
		1	24	23.66	23.56	23.50	25.00	
		12	0	23.16	23.08	23.02	24.00	
		12	6	23.25	23.17	23.03	24.00	
		12	13	23.13	22.81	23.07	24.00	
		25	0	23.24	23.09	22.97	24.00	
	16QAM	1	0	23.51	23.37	23.32	24.00	
		1	13	23.64	23.59	23.60	24.00	
		1	24	23.36	23.07	23.37	24.00	
		12	0	22.20	22.11	22.04	23.00	

		12	6	22.24	22.29	22.03	23.00
		12	13	22.26	22.00	22.14	23.00
		25	0	22.25	22.14	21.97	23.00
	64QAM	1	0	22.15	22.17	21.91	23.00
		1	13	22.12	22.17	22.06	23.00
		1	24	22.07	22.03	21.96	23.00
		12	0	21.10	21.01	21.02	22.00
		12	6	21.26	21.16	20.95	22.00
		12	13	21.12	20.74	21.02	22.00
		25	0	21.20	21.08	20.99	22.00
	256QAM	1	0	21.43	21.36	21.30	22.00
		1	13	21.59	21.58	21.58	22.00
		1	24	21.29	21.07	21.41	22.00
		12	0	20.17	20.06	19.95	21.00
		12	6	20.20	20.24	20.03	21.00
12		13	20.25	19.95	20.09	21.00	
25		0	20.21	20.10	19.96	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>	<b>Tune up</b>
				26750	26865	26990	
<b>10MHz</b>	QPSK	1	0	23.64	23.67	23.55	25.00
		1	25	23.68	23.62	23.55	25.00
		1	49	23.58	23.54	23.55	25.00
		25	0	23.22	23.18	23.07	24.00
		25	13	23.21	23.25	23.14	24.00
		25	25	23.26	23.20	23.16	24.00
		50	0	23.25	23.18	23.07	24.00
	16QAM	1	0	23.74	23.56	23.54	24.00
		1	25	23.55	23.48	23.46	24.00
		1	49	23.47	23.57	23.45	24.00
		25	0	22.20	22.15	22.11	23.00
		25	13	22.26	22.17	22.15	23.00
		25	25	22.20	22.22	22.15	23.00
		50	0	22.28	22.16	22.10	23.00
	64QAM	1	0	22.15	22.14	21.90	23.00
		1	25	22.16	22.17	22.01	23.00
		1	49	22.11	22.00	21.94	23.00
		25	0	21.11	21.05	21.03	22.00
		25	13	21.23	21.17	20.96	22.00
		25	25	21.12	20.76	21.00	22.00
		50	0	21.19	21.07	20.96	22.00
	256QAM	1	0	21.45	21.37	21.30	22.00
		1	25	21.56	21.59	21.56	22.00
		1	49	21.30	21.07	21.38	22.00
		25	0	20.16	20.04	19.96	21.00
		25	13	20.19	20.27	20.00	21.00
		25	25	20.27	19.93	20.08	21.00
		50	0	20.19	20.14	19.93	21.00

LTE Band 26 Receiver on / hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				26697	26865	27033	
<b>1.4MHz</b>	QPSK	1	0	16.81	16.67	16.78	18.00
		1	2	16.9	16.69	16.72	18.00
		1	5	16.98	16.78	16.78	18.00
		3	0	16.85	16.74	16.67	18.00
		3	2	16.94	16.75	16.66	18.00
		3	3	16.84	16.74	16.72	18.00
		6	0	16.83	16.72	16.75	18.00
	16QAM	1	0	16.83	16.69	16.61	18.00
		1	2	16.46	16.38	16.66	18.00
		1	5	16.5	16.83	16.64	18.00
		3	0	16.89	16.71	16.77	18.00
		3	2	16.8	16.9	16.68	18.00
		3	3	16.75	16.91	16.87	18.00
		6	0	16.89	16.89	16.85	18.00
	64QAM	1	0	16.90	16.81	16.93	18.00
		1	2	16.59	16.62	16.60	18.00
		1	5	16.56	16.61	16.60	18.00
		3	0	16.59	16.68	16.69	18.00
		3	2	16.82	16.60	16.59	18.00
		3	3	16.67	16.59	16.66	18.00
		6	0	16.70	16.52	16.65	18.00
	256QAM	1	0	16.33	16.68	16.47	18.00
		1	2	16.46	16.31	16.31	18.00
		1	5	16.17	16.46	16.20	18.00
		3	0	16.21	16.10	16.11	18.00
		3	2	16.19	16.12	16.05	18.00
		3	3	16.04	16.18	16.04	18.00
		6	0	16.13	16.20	16.10	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>
				26705	26865	27025	
<b>3MHz</b>	QPSK	1	0	16.83	16.72	16.63	18.00
		1	7	16.79	16.83	16.71	18.00
		1	14	16.66	16.61	16.67	18.00
		8	0	16.86	16.75	16.72	18.00
		8	4	16.91	16.78	16.73	18.00
		8	7	16.89	16.77	16.76	18.00
		15	0	16.77	16.69	16.67	18.00
	16QAM	1	0	16.73	16.59	16.22	18.00
		1	7	16.91	16.48	16.29	18.00
		1	14	16.69	16.55	16.25	18.00
		8	0	16.4	16.16	16.18	18.00
		8	4	16.46	16.3	16.35	18.00
		8	7	16.49	16.32	16.2	18.00
		15	0	16.41	16.16	16.11	18.00
	64QAM	1	0	16.87	16.84	16.88	18.00
		1	7	16.63	16.63	16.60	18.00
		1	14	16.56	16.60	16.57	18.00
		8	0	16.60	16.70	16.66	18.00
		8	4	16.83	16.61	16.64	18.00
		8	7	16.68	16.60	16.66	18.00

		15	0	16.70	16.55	16.62	18.00
	256QAM	1	0	16.35	16.71	16.47	18.00
		1	7	16.43	16.28	16.31	18.00
		1	14	16.19	16.44	16.18	18.00
		8	0	16.20	16.13	16.09	18.00
		8	4	16.18	16.11	16.03	18.00
		8	7	16.07	16.18	16.02	18.00
		15	0	16.14	16.19	16.07	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	16.91	16.86	16.75	18.00
		1	13	16.86	16.77	16.9	18.00
		1	24	16.79	16.78	16.78	18.00
		12	0	16.95	16.69	16.7	18.00
		12	6	17	16.73	16.8	18.00
		12	13	16.86	16.82	16.82	18.00
		25	0	16.89	16.87	16.86	18.00
	16QAM	1	0	16.7	16.63	16.59	18.00
		1	13	16.79	16.91	16.57	18.00
		1	24	16.67	16.42	16.49	18.00
		12	0	16.43	16.32	16.23	18.00
		12	6	16.59	16.3	16.29	18.00
		12	13	16.33	16.41	16.29	18.00
		25	0	16.4	16.2	16.32	18.00
	64QAM	1	0	16.89	16.84	16.93	18.00
		1	13	16.59	16.63	16.64	18.00
		1	24	16.58	16.61	16.55	18.00
		12	0	16.59	16.69	16.68	18.00
		12	6	16.82	16.61	16.61	18.00
		12	13	16.66	16.61	16.62	18.00
		25	0	16.68	16.56	16.60	18.00
	256QAM	1	0	16.36	16.71	16.42	18.00
		1	13	16.45	16.29	16.26	18.00
		1	24	16.16	16.48	16.19	18.00
		12	0	16.22	16.12	16.08	18.00
		12	6	16.19	16.12	16.08	18.00
		12	13	16.05	16.21	16.04	18.00
		25	0	16.17	16.16	16.08	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26750	26865	26990	
10MHz	QPSK	1	0	16.84	16.78	16.73	18.00
		1	25	16.89	16.79	16.69	18.00
		1	49	16.81	16.7	16.74	18.00
		25	0	16.86	16.78	16.75	18.00
		25	13	16.9	16.81	16.91	18.00
		25	25	16.91	16.79	16.83	18.00
		50	0	16.91	16.75	16.86	18.00
	16QAM	1	0	16.63	16.58	16.8	18.00
		1	25	16.7	16.99	16.7	18.00
		1	49	16.9	16.5	16.75	18.00
		25	0	16.35	16.39	16.37	18.00

		25	13	16.47	16.32	16.43	18.00
		25	25	16.49	16.43	16.31	18.00
		50	0	16.41	16.38	16.37	18.00
	64QAM	1	0	16.88	16.84	16.91	18.00
		1	25	16.61	16.61	16.62	18.00
		1	49	16.59	16.56	16.58	18.00
		25	0	16.62	16.70	16.69	18.00
		25	13	16.84	16.60	16.62	18.00
		25	25	16.68	16.61	16.63	18.00
		50	0	16.69	16.56	16.62	18.00
	256QAM	1	0	16.32	16.67	16.47	18.00
		1	25	16.46	16.27	16.31	18.00
		1	49	16.16	16.46	16.18	18.00
		25	0	16.24	16.13	16.12	18.00
25		13	16.21	16.16	16.05	18.00	
25		25	16.06	16.21	16.03	18.00	
50		0	16.14	16.19	16.08	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>
				26775	26865	26965	
	QPSK	1	0	16.96	16.91	16.98	18.00
		1	38	16.69	16.69	16.7	18.00
		1	74	16.65	16.66	16.65	18.00
		36	0	16.67	16.76	16.76	18.00
		36	18	16.89	16.66	16.69	18.00
		36	39	16.74	16.69	16.71	18.00
		75	0	16.78	16.62	16.7	18.00
	16QAM	1	0	16.42	16.76	16.52	18.00
		1	38	16.52	16.37	16.36	18.00
		1	74	16.26	16.54	16.25	18.00
		36	0	16.29	16.19	16.17	18.00
		36	18	16.28	16.21	16.13	18.00
		36	39	16.14	16.26	16.12	18.00
		75	0	16.23	16.25	16.15	18.00
	64QAM	1	0	16.88	16.85	16.89	18.00
		1	38	16.64	16.60	16.62	18.00
		1	74	16.56	16.61	16.56	18.00
		36	0	16.61	16.67	16.66	18.00
		36	18	16.83	16.60	16.61	18.00
		36	39	16.67	16.61	16.64	18.00
		75	0	16.68	16.56	16.60	18.00
	256QAM	1	0	16.35	16.67	16.45	18.00
		1	38	16.45	16.27	16.28	18.00
		1	74	16.21	16.44	16.20	18.00
		36	0	16.21	16.14	16.11	18.00
		36	18	16.21	16.13	16.06	18.00
		36	39	16.08	16.16	16.04	18.00
		75	0	16.18	16.19	16.05	18.00



### 3 Conducted Power of Main Antenna (Ant3)

#### 3.1 Conducted Power of GSM

GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	31.00	30.97	31.06	32.00	-9.19	21.81	21.78	21.87	22.81
GPRS/EGPRS (GMSK)	1 TX Slot	31.03	30.90	31.07	32.00	-9.19	21.84	21.71	21.88	22.81
	2 TX Slots	27.87	27.76	28.05	29.00	-6.18	21.69	21.58	21.87	22.82
	3 TX Slots	26.02	25.85	26.08	27.20	-4.42	21.60	21.43	21.66	22.78
	4 TX Slots	24.46	24.55	24.53	26.00	-3.17	21.29	21.38	21.36	22.83
EGPRS(8PSK)	1 TX Slot	26.58	26.56	26.65	28.00	-9.19	17.39	17.37	17.46	18.81
	2 TX Slots	23.38	23.48	23.68	25.00	-6.18	17.20	17.30	17.50	18.82
	3 TX Slots	21.72	21.62	21.81	23.20	-4.42	17.30	17.20	17.39	18.78
	4 TX Slots	20.14	20.13	20.24	22.00	-3.17	16.97	16.96	17.07	18.83

#### 3.2 Conducted Power of WCDMA

WCDMA Band II Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.6	24.69	24.65	25.00
	12.2kbps AMR	24.58	24.61	24.55	25.00
HSDPA	Subtest 1	23.72	23.78	23.75	24.00
	Subtest 2	23.79	23.65	23.78	24.00
	Subtest 3	23.21	23.26	23.22	23.50
	Subtest 4	23.27	23.03	23.25	23.50
HSUPA	Subtest 1	23.63	23.77	23.67	24.00
	Subtest 2	21.61	21.71	21.65	22.00
	Subtest 3	22.64	22.70	22.68	23.00
	Subtest 4	21.61	21.70	21.69	22.00
	Subtest 5	23.61	23.72	23.64	24.00
DC-HSDPA	Subtest 1	23.60	23.71	23.68	24.00
	Subtest 2	23.73	23.58	23.74	24.00
	Subtest 3	23.13	23.15	23.14	23.50
	Subtest 4	23.21	22.96	23.19	23.50

WCDMA Band II Sensor on/hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20	20.13	20.09	21.00
	12.2kbps AMR	19.99	20.04	19.95	21.00
HSDPA	Subtest 1	19.02	19.07	19.05	20.00
	Subtest 2	19.09	18.93	19.09	20.00
	Subtest 3	18.53	18.52	18.56	19.50
	Subtest 4	18.59	18.37	18.56	19.50
HSUPA	Subtest 1	18.92	19.05	18.98	20.00
	Subtest 2	16.96	17.05	16.95	18.00
	Subtest 3	17.97	18.01	18.00	19.00
	Subtest 4	16.89	16.98	17.00	18.00
	Subtest 5	18.93	19.02	18.95	20.00
DC-HSDPA	Subtest 1	18.95	19.01	18.98	20.00
	Subtest 2	19.00	18.84	19.03	20.00
	Subtest 3	18.44	18.45	18.44	19.50
	Subtest 4	18.51	18.27	18.50	19.50

WCDMA Band IV Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.72	24.78	24.65	25.00
	12.2kbps AMR	24.66	24.77	24.6	25.00
HSDPA	Subtest 1	23.69	23.82	23.72	24.00
	Subtest 2	23.77	23.65	23.80	24.00
	Subtest 3	23.21	23.21	23.22	23.50
	Subtest 4	23.29	23.04	23.29	23.50
HSUPA	Subtest 1	23.60	23.76	23.64	24.00
	Subtest 2	21.66	21.74	21.64	22.00
	Subtest 3	22.66	22.73	22.68	23.00
	Subtest 4	21.61	21.72	21.67	22.00
	Subtest 5	23.60	23.73	23.65	24.00
DC-HSDPA	Subtest 1	23.65	23.72	23.71	24.00
	Subtest 2	23.68	23.53	23.73	24.00
	Subtest 3	23.14	23.15	23.16	23.50
	Subtest 4	23.22	22.97	23.22	23.50

WCDMA Band IV Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.78	22.8	22.74	23.50
	12.2kbps AMR	22.76	22.79	22.72	23.50
HSDPA	Subtest 1	20.99	21.09	21.03	22.50
	Subtest 2	21.09	20.95	21.06	22.50
	Subtest 3	20.53	20.54	20.54	22.00
	Subtest 4	20.57	20.33	20.56	22.00
HSUPA	Subtest 1	20.89	21.05	20.96	22.50
	Subtest 2	18.93	19.00	18.98	20.50
	Subtest 3	19.93	20.01	20.02	21.50
	Subtest 4	18.92	18.99	18.95	20.50
	Subtest 5	20.93	21.02	20.96	22.50
DC-HSDPA	Subtest 1	20.94	21.01	20.97	22.50
	Subtest 2	20.99	20.84	21.00	22.50
	Subtest 3	20.40	20.45	20.47	22.00
	Subtest 4	20.49	20.23	20.48	22.00

WCDMA Band IV hotspot on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.16	21.19	21.08	22.00
	12.2kbps AMR	21.1	21.18	21.02	22.00
HSDPA	Subtest 1	19.99	20.07	20.03	21.00
	Subtest 2	20.09	19.95	20.09	21.00
	Subtest 3	19.52	19.52	19.55	20.50
	Subtest 4	19.57	19.36	19.55	20.50
HSUPA	Subtest 1	19.88	20.05	19.93	21.00
	Subtest 2	17.93	18.00	17.99	19.00
	Subtest 3	18.97	19.05	19.02	20.00
	Subtest 4	17.93	17.98	17.96	19.00
	Subtest 5	19.88	20.01	19.97	21.00
DC-HSDPA	Subtest 1	19.91	20.04	20.01	21.00
	Subtest 2	19.99	19.86	20.00	21.00
	Subtest 3	19.42	19.45	19.45	20.50
	Subtest 4	19.47	19.27	19.48	20.50

### 3.3 Conducted Power of LTE

LTE Band 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	24.73	24.98	24.98	25.70
		1	2	24.71	25.00	24.97	25.70
		1	5	24.66	24.90	24.86	25.70
		3	0	24.80	25.02	24.99	25.70
		3	2	24.79	25.00	24.99	25.70

		3	3	24.82	24.97	24.99	25.70	
		6	0	23.85	24.51	24.29	24.70	
	16QAM	1	0	24.06	24.65	24.49	24.70	
		1	2	24.08	24.62	24.59	24.70	
		1	5	24.09	24.68	24.49	24.70	
		3	0	23.96	24.70	24.37	24.70	
		3	2	23.92	24.57	24.40	24.70	
		3	3	23.94	24.65	24.42	24.70	
		6	0	22.98	23.60	23.49	23.70	
	64QAM	1	0	23.14	23.42	23.41	23.70	
		1	2	23.16	23.41	23.42	23.70	
		1	5	23.09	23.30	23.29	23.70	
		3	0	22.71	22.97	22.92	23.70	
		3	2	22.72	22.94	22.91	23.70	
		3	3	22.76	22.90	22.92	23.70	
		6	0	21.78	22.41	22.20	22.70	
	256QAM	1	0	21.96	22.55	22.42	22.70	
		1	2	22.01	22.53	22.53	22.70	
		1	5	22.02	22.63	22.39	22.70	
		3	0	21.91	22.61	22.27	22.70	
		3	2	21.86	22.48	22.32	22.70	
		3	3	21.89	22.60	22.33	22.70	
		6	0	20.91	21.52	21.41	21.70	
	<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>
					18615	18900	19185	
	<b>3MHz</b>	QPSK	1	0	24.87	24.98	24.91	25.70
			1	7	24.98	25.00	24.97	25.70
			1	14	24.88	24.84	24.78	25.70
8			0	24.32	24.52	24.49	24.70	
8			4	24.44	24.48	24.44	24.70	
8			7	24.41	24.47	24.37	24.70	
15			0	24.40	24.41	24.42	24.70	
16QAM		1	0	24.56	24.68	24.68	24.70	
		1	7	24.62	24.70	24.66	24.70	
		1	14	24.57	24.60	24.43	24.70	
		8	0	23.61	23.61	23.57	23.70	
		8	4	23.55	23.51	23.59	23.70	
		8	7	23.52	23.55	23.51	23.70	
		15	0	23.48	23.50	23.45	23.70	
64QAM		1	0	23.29	23.43	23.32	23.70	
		1	7	23.38	23.42	23.40	23.70	
		1	14	23.32	23.29	23.21	23.70	
		8	0	22.24	22.46	22.40	22.70	
		8	4	22.37	22.40	22.37	22.70	
		8	7	22.36	22.39	22.30	22.70	
		15	0	22.30	22.36	22.37	22.70	
256QAM		1	0	22.51	22.58	22.60	22.70	
		1	7	22.56	22.62	22.57	22.70	
		1	14	22.48	22.55	22.36	22.70	
		8	0	21.53	21.51	21.47	21.70	
		8	4	21.48	21.41	21.54	21.70	

Bandwidth	Modulation	8	7	21.46	21.50	21.42	21.70
		15	0	21.41	21.43	21.36	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	24.85	24.94	24.97	25.70
		1	13	24.84	25.01	25.01	25.70
		1	24	24.84	24.94	24.88	25.70
		12	0	23.95	24.52	24.56	24.70
		12	6	24.01	24.49	24.52	24.70
		12	13	24.11	24.49	24.31	24.70
		25	0	23.95	24.46	24.53	24.70
	16QAM	1	0	24.29	24.66	24.61	24.70
		1	13	24.22	24.57	24.57	24.70
		1	24	24.38	24.59	24.47	24.70
		12	0	23.05	23.61	23.64	23.70
		12	6	23.10	23.60	23.61	23.70
		12	13	23.17	23.53	23.52	23.70
		25	0	23.05	23.47	23.56	23.70
	64QAM	1	0	23.32	23.39	23.36	23.70
		1	13	23.40	23.40	23.39	23.70
		1	24	23.32	23.27	23.22	23.70
		12	0	22.27	22.46	22.39	22.70
		12	6	22.36	22.41	22.36	22.70
		12	13	22.33	22.40	22.28	22.70
		25	0	22.30	22.32	22.33	22.70
	256QAM	1	0	22.47	22.61	22.63	22.70
		1	13	22.53	22.60	22.56	22.70
		1	24	22.50	22.53	22.38	22.70
		12	0	21.56	21.54	21.50	21.70
		12	6	21.47	21.41	21.52	21.70
		12	13	21.43	21.49	21.41	21.70
		25	0	21.42	21.42	21.40	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	24.85	24.94	24.99	25.70
		1	25	24.86	24.95	24.97	25.70
		1	49	24.80	24.92	24.90	25.70
		25	0	24.00	24.51	24.50	24.70
		25	13	24.33	24.51	24.57	24.70
		25	25	24.42	24.48	24.51	24.70
		50	0	24.28	24.48	24.54	24.70
	16QAM	1	0	24.17	24.67	24.68	24.70
		1	25	24.36	24.61	24.69	24.70
		1	49	24.57	24.57	24.59	24.70
		25	0	23.09	23.56	23.53	23.70
		25	13	23.38	23.51	23.60	23.70
		25	25	23.41	23.53	23.54	23.70
		50	0	23.42	23.48	23.56	23.70
	64QAM	1	0	23.31	23.39	23.34	23.70
		1	25	23.43	23.43	23.42	23.70
		1	49	23.29	23.24	23.23	23.70

		25	0	22.27	22.45	22.43	22.70	
		25	13	22.36	22.41	22.34	22.70	
		25	25	22.34	22.42	22.29	22.70	
		50	0	22.31	22.33	22.37	22.70	
		256QAM	1	0	22.51	22.59	22.63	22.70
			1	25	22.55	22.65	22.59	22.70
			1	49	22.49	22.50	22.33	22.70
			25	0	21.53	21.56	21.48	21.70
			25	13	21.49	21.43	21.49	21.70
			25	25	21.46	21.48	21.46	21.70
50	0	21.38	21.44	21.40	21.70			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	24.75	24.85	24.81	25.70	
		1	38	24.79	24.83	24.84	25.70	
		1	74	24.79	24.84	24.78	25.70	
		36	0	24.24	24.39	24.38	24.70	
		36	18	24.34	24.37	24.37	24.70	
		36	39	24.35	24.43	24.41	24.70	
		75	0	24.35	24.37	24.37	24.70	
	16QAM	1	0	24.26	24.67	24.66	24.70	
		1	38	24.62	24.56	24.66	24.70	
		1	74	24.63	24.61	24.63	24.70	
		36	0	23.29	23.41	23.39	23.70	
		36	18	23.39	23.40	23.40	23.70	
		36	39	23.35	23.45	23.43	23.70	
		75	0	23.36	23.37	23.40	23.70	
	64QAM	1	0	23.30	23.41	23.33	23.70	
		1	38	23.41	23.44	23.41	23.70	
		1	74	23.32	23.26	23.18	23.70	
		36	0	22.25	22.44	22.42	22.70	
		36	18	22.39	22.38	22.39	22.70	
		36	39	22.35	22.40	22.29	22.70	
		75	0	22.33	22.31	22.37	22.70	
	256QAM	1	0	22.47	22.60	22.63	22.70	
		1	38	22.56	22.60	22.61	22.70	
		1	74	22.47	22.53	22.37	22.70	
		36	0	21.53	21.53	21.47	21.70	
		36	18	21.49	21.45	21.51	21.70	
		36	39	21.46	21.50	21.43	21.70	
		75	0	21.38	21.45	21.35	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	QPSK	1	0	24.98	25.03	24.84	25.70	
		1	50	24.80	24.88	24.90	25.70	
		1	99	24.78	24.86	24.85	25.70	
		50	0	24.30	24.39	24.39	24.70	
		50	25	24.36	24.40	24.41	24.70	
		50	50	24.35	24.44	24.34	24.70	
		100	0	24.38	24.38	24.38	24.70	
	16QAM	1	0	24.13	24.60	24.58	24.70	

		1	50	24.68	24.66	24.69	24.70
		1	99	24.52	24.57	24.54	24.70
		50	0	23.33	23.44	23.42	23.70
		50	25	23.41	23.41	23.39	23.70
		50	50	23.39	23.45	23.44	23.70
		100	0	23.39	23.39	23.38	23.70
	64QAM	1	0	23.32	23.38	23.32	23.70
		1	50	23.41	23.41	23.40	23.70
		1	99	23.28	23.26	23.23	23.70
		50	0	22.22	22.45	22.41	22.70
		50	25	22.36	22.41	22.34	22.70
		50	50	22.36	22.42	22.29	22.70
	256QAM	100	0	22.35	22.31	22.36	22.70
		1	0	22.46	22.62	22.63	22.70
		1	50	22.52	22.64	22.57	22.70
		1	99	22.50	22.50	22.38	22.70
		50	0	21.56	21.55	21.47	21.70
		50	25	21.45	21.41	21.49	21.70
		50	50	21.44	21.45	21.41	21.70
	100	0	21.38	21.40	21.35	21.70	

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.26	20.36	20.29	21.20
		1	2	20.34	20.39	20.32	21.20
		1	5	20.16	20.28	20.19	21.20
		3	0	20.51	20.28	20.34	21.20
		3	2	20.38	20.46	20.39	21.20
		3	3	20.37	20.32	20.30	21.20
		6	0	20.42	20.30	20.29	21.20
	16QAM	1	0	20.72	20.43	20.65	21.20
		1	2	20.45	20.46	20.45	21.20
		1	5	20.65	20.55	20.60	21.20
		3	0	20.52	20.50	20.43	21.20
		3	2	20.49	20.42	20.36	21.20
		3	3	20.31	20.27	20.29	21.20
		6	0	20.46	20.40	20.25	21.20
	64QAM	1	0	20.21	20.30	20.23	21.20
		1	2	20.27	20.32	20.25	21.20
		1	5	20.06	20.22	20.09	21.20
		3	0	20.45	20.21	20.24	21.20
		3	2	20.28	20.37	20.29	21.20
		3	3	20.29	20.27	20.21	21.20
		6	0	20.36	20.23	20.23	21.20
	256QAM	1	0	20.62	20.37	20.57	21.20
		1	2	20.38	20.37	20.38	21.20
		1	5	20.59	20.49	20.54	21.20
		3	0	20.44	20.42	20.38	21.20
		3	2	20.40	20.32	20.30	21.20

		3	3	20.24	20.20	20.22	21.20
		6	0	20.40	20.30	20.16	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.34	20.32	20.24	21.20
		1	7	20.35	20.39	20.25	21.20
		1	14	20.19	20.13	20.08	21.20
		8	0	20.44	20.38	20.26	21.20
		8	4	20.42	20.39	20.3	21.20
		8	7	20.37	20.34	20.29	21.20
		15	0	20.37	20.26	20.2	21.20
	16QAM	1	0	20.55	20.27	20.25	21.20
		1	7	20.39	20.48	20.33	21.20
		1	14	20.19	20.21	20.19	21.20
		8	0	20.43	20.43	20.32	21.20
		8	4	20.47	20.47	20.32	21.20
		8	7	20.42	20.37	20.3	21.20
		15	0	20.36	20.26	20.19	21.20
	64QAM	1	0	20.16	20.28	20.22	21.20
		1	7	20.25	20.31	20.26	21.20
		1	14	20.11	20.21	20.12	21.20
		8	0	20.43	20.19	20.29	21.20
		8	4	20.28	20.37	20.30	21.20
		8	7	20.27	20.26	20.23	21.20
		15	0	20.33	20.23	20.24	21.20
	256QAM	1	0	20.65	20.38	20.55	21.20
		1	7	20.37	20.39	20.40	21.20
		1	14	20.58	20.47	20.51	21.20
		8	0	20.47	20.41	20.34	21.20
		8	4	20.43	20.32	20.30	21.20
		8	7	20.23	20.22	20.21	21.20
		15	0	20.40	20.30	20.16	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	20.37	20.33	20.26	21.20
		1	13	20.37	20.38	20.28	21.20
		1	24	20.22	20.27	20.18	21.20
		12	0	20.43	20.37	20.37	21.20
		12	6	20.46	20.44	20.39	21.20
		12	13	20.34	20.31	20.25	21.20
		25	0	20.41	20.31	20.3	21.20
	16QAM	1	0	20.52	20.29	20.26	21.20
		1	13	20.41	20.43	20.39	21.20
		1	24	20.13	20.18	20.17	21.20
		12	0	20.42	20.43	20.37	21.20
		12	6	20.44	20.44	20.34	21.20
		12	13	20.4	20.36	20.26	21.20
		25	0	20.33	20.23	20.19	21.20
	64QAM	1	0	20.18	20.31	20.19	21.20
		1	13	20.28	20.34	20.27	21.20
		1	24	20.11	20.18	20.11	21.20

		12	0	20.41	20.19	20.24	21.20
		12	6	20.32	20.39	20.29	21.20
		12	13	20.31	20.27	20.22	21.20
		25	0	20.34	20.22	20.22	21.20
	256QAM	1	0	20.67	20.37	20.57	21.20
		1	13	20.39	20.41	20.38	21.20
		1	24	20.57	20.47	20.52	21.20
		12	0	20.45	20.41	20.34	21.20
		12	6	20.39	20.33	20.26	21.20
		12	13	20.22	20.18	20.20	21.20
		25	0	20.38	20.32	20.19	21.20
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	20.44	20.43	20.34	21.20
		1	25	20.34	20.34	20.27	21.20
		1	49	20.26	20.25	20.21	21.20
		25	0	20.44	20.42	20.29	21.20
		25	13	20.47	20.37	20.3	21.20
		25	25	20.36	20.35	20.34	21.20
		50	0	20.47	20.37	20.25	21.20
	16QAM	1	0	20.49	20.34	20.19	21.20
		1	25	20.42	20.45	20.34	21.20
		1	49	20.15	20.18	20.17	21.20
		25	0	20.45	20.41	20.3	21.20
		25	13	20.46	20.48	20.36	21.20
		25	25	20.42	20.28	20.26	21.20
		50	0	20.35	20.32	20.23	21.20
	64QAM	1	0	20.21	20.31	20.19	21.20
		1	25	20.29	20.29	20.25	21.20
		1	49	20.08	20.22	20.14	21.20
		25	0	20.46	20.19	20.28	21.20
		25	13	20.31	20.40	20.30	21.20
		25	25	20.29	20.27	20.22	21.20
		50	0	20.37	20.23	20.20	21.20
	256QAM	1	0	20.64	20.38	20.58	21.20
		1	25	20.38	20.41	20.38	21.20
		1	49	20.55	20.49	20.51	21.20
		25	0	20.42	20.42	20.35	21.20
		25	13	20.39	20.36	20.28	21.20
		25	25	20.24	20.18	20.21	21.20
		50	0	20.41	20.31	20.16	21.20
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	20.3	20.3	20.15	21.20
		1	38	20.18	20.22	20.16	21.20
		1	74	20.1	20.14	20.03	21.20
		36	0	20.26	20.29	20.15	21.20
		36	18	20.27	20.24	20.13	21.20
		36	39	20.24	20.24	20.18	21.20
		75	0	20.29	20.2	20.15	21.20
	16QAM	1	0	20.47	20.31	20.24	21.20

		1	38	20.37	20.44	20.39	21.20	
		1	74	20.13	20.17	20.22	21.20	
		36	0	20.43	20.44	20.38	21.20	
		36	18	20.41	20.44	20.35	21.20	
		36	39	20.36	20.32	20.29	21.20	
		75	0	20.39	20.31	20.22	21.20	
	64QAM	1	0	20.18	20.27	20.22	21.20	
		1	38	20.25	20.32	20.23	21.20	
		1	74	20.11	20.23	20.13	21.20	
		36	0	20.41	20.23	20.25	21.20	
		36	18	20.32	20.38	20.31	21.20	
		36	39	20.29	20.27	20.21	21.20	
	256QAM	75	0	20.33	20.22	20.23	21.20	
		1	0	20.63	20.33	20.57	21.20	
		1	38	20.39	20.40	20.36	21.20	
		1	74	20.55	20.46	20.50	21.20	
		36	0	20.45	20.43	20.34	21.20	
		36	18	20.43	20.35	20.27	21.20	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18700	18900	19100	
	<b>20MHz</b>	QPSK	1	0	20.36	20.33	20.25	21.20
1			50	20.24	20.29	20.20	21.20	
1			99	20.07	20.18	20.05	21.20	
50			0	20.33	20.33	20.23	21.20	
50			25	20.28	20.26	20.19	21.20	
50			50	20.27	20.28	20.21	21.20	
100			0	20.29	20.25	20.17	21.20	
16QAM		1	0	20.48	20.36	20.25	21.20	
		1	50	20.39	20.42	20.37	21.20	
		1	99	20.09	20.20	20.21	21.20	
		50	0	20.41	20.42	20.35	21.20	
		50	25	20.47	20.43	20.32	21.20	
		50	50	20.35	20.30	20.22	21.20	
		100	0	20.40	20.30	20.23	21.20	
64QAM		1	0	20.17	20.26	20.23	21.20	
		1	50	20.28	20.34	20.22	21.20	
		1	99	20.08	20.19	20.13	21.20	
		50	0	20.46	20.22	20.28	21.20	
		50	25	20.33	20.39	20.34	21.20	
		50	50	20.29	20.22	20.21	21.20	
		100	0	20.32	20.22	20.20	21.20	
256QAM		1	0	20.66	20.36	20.59	21.20	
		1	50	20.39	20.39	20.40	21.20	
		1	99	20.57	20.50	20.51	21.20	
		50	0	20.44	20.43	20.38	21.20	
		50	25	20.40	20.32	20.26	21.20	
		50	50	20.21	20.20	20.19	21.20	
		100	0	20.40	20.32	20.15	21.20	

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	15.18	15.35	15.24	16.20
		1	2	15.29	15.29	15.26	16.20
		1	5	15.09	15.24	15.09	16.20
		3	0	15.45	15.27	15.26	16.20
		3	2	15.33	15.38	15.25	16.20
		3	3	15.28	15.22	15.26	16.20
		6	0	15.36	15.20	15.21	16.20
	16QAM	1	0	15.61	15.36	15.59	16.20
		1	2	15.33	15.39	15.40	16.20
		1	5	15.59	15.51	15.49	16.20
		3	0	15.41	15.41	15.35	16.20
		3	2	15.39	15.34	15.27	16.20
		3	3	15.26	15.21	15.18	16.20
		6	0	15.37	15.28	15.17	16.20
	64QAM	1	0	15.40	15.33	15.13	16.20
		1	2	15.06	15.07	15.08	16.20
		1	5	14.93	14.97	14.91	16.20
		3	0	15.15	15.15	15.15	16.20
		3	2	15.18	15.17	15.10	16.20
		3	3	15.08	15.13	15.03	16.20
		6	0	15.18	15.08	15.07	16.20
	256QAM	1	0	15.41	15.17	15.09	16.20
		1	2	15.26	15.28	15.23	16.20
		1	5	14.94	15.01	15.05	16.20
		3	0	15.25	15.32	15.26	16.20
		3	2	15.29	15.26	15.21	16.20
		3	3	15.23	15.13	15.06	16.20
		6	0	15.26	15.13	15.08	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	15.22	15.24	15.19	16.20
		1	7	15.20	15.28	15.16	16.20
		1	14	15.10	15.05	15.00	16.20
		8	0	15.41	15.33	15.18	16.20
		8	4	15.35	15.30	15.26	16.20
		8	7	15.27	15.29	15.18	16.20
		15	0	15.33	15.18	15.15	16.20
	16QAM	1	0	15.45	15.18	15.15	16.20
		1	7	15.25	15.41	15.24	16.20
		1	14	15.08	15.10	15.10	16.20
		8	0	15.38	15.34	15.26	16.20
		8	4	15.37	15.37	15.26	16.20
		8	7	15.30	15.27	15.20	16.20
		15	0	15.29	15.23	15.15	16.20
	64QAM	1	0	15.40	15.33	15.13	16.20
		1	7	15.06	15.10	15.09	16.20
		1	14	14.93	14.93	14.93	16.20

		8	0	15.14	15.18	15.12	16.20	
		8	4	15.21	15.12	15.06	16.20	
		8	7	15.09	15.16	15.02	16.20	
		15	0	15.22	15.12	15.08	16.20	
	256QAM	1	0	15.42	15.14	15.08	16.20	
		1	7	15.24	15.28	15.21	16.20	
		1	14	14.96	15.05	15.06	16.20	
		8	0	15.28	15.29	15.29	16.20	
		8	4	15.32	15.21	15.19	16.20	
		8	7	15.21	15.11	15.07	16.20	
		15	0	15.24	15.10	15.11	16.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	15.26	15.25	15.17	16.20	
		1	13	15.27	15.31	15.22	16.20	
		1	24	15.13	15.22	15.11	16.20	
		12	0	15.4	15.31	15.34	16.20	
		12	6	15.39	15.43	15.31	16.20	
		12	13	15.27	15.22	15.14	16.20	
		25	0	15.32	15.25	15.25	16.20	
	16QAM	1	0	15.4	15.21	15.17	16.20	
		1	13	15.29	15.36	15.33	16.20	
		1	24	15.04	15.14	15.15	16.20	
		12	0	15.35	15.36	15.28	16.20	
		12	6	15.38	15.37	15.23	16.20	
		12	13	15.33	15.27	15.21	16.20	
		25	0	15.31	15.19	15.11	16.20	
	64QAM	1	0	15.43	15.36	15.13	16.20	
		1	13	15.08	15.08	15.07	16.20	
		1	24	14.93	14.95	14.92	16.20	
		12	0	15.13	15.16	15.11	16.20	
		12	6	15.17	15.15	15.09	16.20	
		12	13	15.09	15.15	15.01	16.20	
		25	0	15.23	15.08	15.04	16.20	
	256QAM	1	0	15.39	15.15	15.04	16.20	
		1	13	15.25	15.30	15.20	16.20	
		1	24	14.94	15.02	15.06	16.20	
		12	0	15.23	15.31	15.24	16.20	
		12	6	15.30	15.23	15.17	16.20	
		12	13	15.18	15.14	15.08	16.20	
		25	0	15.26	15.14	15.10	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	15.35	15.36	15.23	16.20	
		1	25	15.29	15.28	15.19	16.20	
		1	49	15.2	15.16	15.14	16.20	
		25	0	15.36	15.35	15.29	16.20	
		25	13	15.41	15.29	15.24	16.20	
		25	25	15.29	15.29	15.21	16.20	
		50	0	15.39	15.27	15.21	16.20	
	16QAM	1	0	15.45	15.27	15.11	16.20	

		1	25	15.3	15.38	15.27	16.20			
		1	49	15.06	15.1	15.11	16.20			
		25	0	15.35	15.39	15.2	16.20			
		25	13	15.37	15.39	15.29	16.20			
		25	25	15.28	15.28	15.2	16.20			
		50	0	15.29	15.24	15.18	16.20			
	64QAM	1	0	15.40	15.34	15.09	16.20			
		1	25	15.11	15.10	15.05	16.20			
		1	49	14.92	14.94	14.89	16.20			
		25	0	15.13	15.18	15.12	16.20			
		25	13	15.20	15.13	15.07	16.20			
		25	25	15.12	15.12	15.02	16.20			
	256QAM	50	0	15.18	15.10	15.09	16.20			
		1	0	15.38	15.13	15.04	16.20			
		1	25	15.26	15.29	15.18	16.20			
		1	49	14.99	15.05	15.03	16.20			
		25	0	15.27	15.29	15.29	16.20			
		25	13	15.28	15.22	15.20	16.20			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					18675	18900	19125			
					50	0	15.23		15.10	15.11
1					0	15.19	15.23		15.04	16.20
1					38	15.16	15.12		15.07	16.20
1					74	15.04	15.06		14.99	16.20
15MHz	QPSK	36	0	15.16	15.19	15.11	16.20			
		36	18	15.23	15.1	15.07	16.20			
		36	39	15.12	15.18	15.15	16.20			
		75	0	15.21	15.09	15.11	16.20			
		1	0	15.45	15.25	15.14	16.20			
		1	38	15.31	15.4	15.3	16.20			
	16QAM	1	74	15.02	15.11	15.15	16.20			
		36	0	15.32	15.35	15.3	16.20			
		36	18	15.36	15.36	15.27	16.20			
		36	39	15.32	15.24	15.18	16.20			
		75	0	15.33	15.25	15.12	16.20			
		1	0	15.40	15.37	15.14	16.20			
	64QAM	1	38	15.09	15.09	15.04	16.20			
		1	74	14.89	14.97	14.88	16.20			
		36	0	15.13	15.14	15.13	16.20			
		36	18	15.20	15.14	15.09	16.20			
		36	39	15.12	15.11	15.03	16.20			
		75	0	15.19	15.10	15.06	16.20			
	256QAM	1	0	15.42	15.13	15.08	16.20			
		1	38	15.22	15.30	15.23	16.20			
		1	74	14.98	15.06	15.08	16.20			
36		0	15.24	15.32	15.24	16.20				
36		18	15.30	15.25	15.21	16.20				
36		39	15.19	15.13	15.08	16.20				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				18675	18900	19125				
				75	0	15.25		15.12	15.09	16.20

				18700	18900	19100	
<b>20MHz</b>	<b>QPSK</b>	1	0	15.50	15.42	15.19	16.20
		1	50	15.16	15.17	15.14	16.20
		1	99	14.99	15.03	14.98	16.20
		50	0	15.23	15.23	15.21	16.20
		50	25	15.27	15.22	15.16	16.20
		50	50	15.17	15.21	15.11	16.20
		100	0	15.28	15.18	15.14	16.20
	<b>16QAM</b>	1	0	15.48	15.23	15.14	16.20
		1	50	15.32	15.38	15.28	16.20
		1	99	15.04	15.11	15.13	16.20
		50	0	15.33	15.39	15.34	16.20
		50	25	15.37	15.31	15.27	16.20
		50	50	15.28	15.20	15.13	16.20
		100	0	15.33	15.20	15.18	16.20
	<b>64QAM</b>	1	0	15.41	15.36	15.11	16.20
		1	50	15.11	15.09	15.06	16.20
		1	99	14.94	14.98	14.91	16.20
		50	0	15.17	15.15	15.16	16.20
		50	25	15.17	15.17	15.11	16.20
		50	50	15.12	15.12	15.02	16.20
		100	0	15.21	15.11	15.07	16.20
	<b>256QAM</b>	1	0	15.40	15.13	15.09	16.20
		1	50	15.26	15.33	15.20	16.20
		1	99	14.99	15.04	15.06	16.20
		50	0	15.27	15.32	15.24	16.20
		50	25	15.29	15.24	15.21	16.20
		50	50	15.22	15.10	15.06	16.20
		100	0	15.26	15.15	15.13	16.20

<b>LTE Band 4 Full Power</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>
				19957	20175	20393	
<b>1.4MHz</b>	<b>QPSK</b>	1	0	24.83	24.92	24.91	25.70
		1	2	24.81	24.92	24.94	25.70
		1	5	24.88	24.91	24.95	25.70
		3	0	24.92	25.03	24.97	25.70
		3	2	24.92	24.98	24.97	25.70
		3	3	24.91	24.96	24.95	25.70
		6	0	24.45	24.48	24.44	24.70
	<b>16QAM</b>	1	0	24.51	24.44	24.47	24.70
		1	2	24.44	24.63	24.56	24.70
		1	5	24.52	24.48	24.47	24.70
		3	0	24.58	24.65	24.66	24.70
		3	2	24.63	24.67	24.56	24.70
		3	3	24.60	24.67	24.56	24.70
		6	0	23.53	23.51	23.52	23.70
	<b>64QAM</b>	1	0	23.25	23.32	23.33	23.70
		1	2	23.24	23.37	23.34	23.70
		1	5	23.31	23.35	23.38	23.70

		3	0	22.82	22.98	22.92	23.70
		3	2	22.82	22.90	22.89	23.70
		3	3	22.83	22.88	22.87	23.70
		6	0	22.40	22.39	22.38	22.70
	256QAM	1	0	22.42	22.34	22.37	22.70
		1	2	22.38	22.53	22.49	22.70
		1	5	22.44	22.41	22.40	22.70
		3	0	22.53	22.57	22.57	22.70
		3	2	22.53	22.57	22.48	22.70
		3	3	22.54	22.57	22.50	22.70
6	0	21.45	21.41	21.44	21.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	24.86	24.93	24.87	25.70
		1	7	24.93	24.95	24.97	25.70
		1	14	24.84	24.89	24.84	25.70
		8	0	24.45	24.45	24.40	24.70
		8	4	24.50	24.52	24.43	24.70
		8	7	24.48	24.50	24.51	24.70
		15	0	24.43	24.41	24.38	24.70
	16QAM	1	0	24.47	24.43	24.38	24.70
		1	7	24.43	24.55	24.38	24.70
		1	14	24.41	24.47	24.42	24.70
		8	0	23.60	23.50	23.48	23.70
		8	4	23.55	23.63	23.48	23.70
		8	7	23.52	23.57	23.55	23.70
		15	0	23.49	23.46	23.41	23.70
	64QAM	1	0	23.28	23.33	23.27	23.70
		1	7	23.38	23.40	23.42	23.70
		1	14	23.28	23.32	23.29	23.70
		8	0	22.37	22.35	22.34	22.70
		8	4	22.44	22.44	22.33	22.70
		8	7	22.42	22.43	22.42	22.70
		15	0	22.34	22.31	22.29	22.70
	256QAM	1	0	22.39	22.38	22.30	22.70
		1	7	22.37	22.50	22.33	22.70
		1	14	22.34	22.37	22.34	22.70
		8	0	21.52	21.41	21.39	21.70
		8	4	21.50	21.58	21.41	21.70
		8	7	21.45	21.51	21.45	21.70
		15	0	21.44	21.36	21.33	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.90	24.96	24.96	25.70
		1	13	24.97	24.98	24.96	25.70
		1	24	24.91	24.97	24.95	25.70
		12	0	24.46	24.45	24.43	24.70
		12	6	24.51	24.47	24.49	24.70
		12	13	24.47	24.51	24.51	24.70
		25	0	24.48	24.43	24.51	24.70
	16QAM	1	0	24.50	24.60	24.43	24.70
		1	13	24.57	24.55	24.68	24.70

		1	24	24.43	24.51	24.51	24.70
		12	0	23.52	23.53	23.49	23.70
		12	6	23.58	23.52	23.55	23.70
		12	13	23.54	23.57	23.53	23.70
		25	0	23.49	23.51	23.51	23.70
	64QAM	1	0	23.26	23.34	23.30	23.70
		1	13	23.34	23.39	23.41	23.70
		1	24	23.27	23.32	23.24	23.70
		12	0	22.35	22.36	22.33	22.70
		12	6	22.41	22.42	22.38	22.70
		12	13	22.40	22.45	22.43	22.70
	256QAM	25	0	22.34	22.34	22.29	22.70
		1	0	22.38	22.37	22.29	22.70
		1	13	22.38	22.47	22.33	22.70
		1	24	22.33	22.37	22.35	22.70
		12	0	21.50	21.45	21.38	21.70
		12	6	21.50	21.55	21.40	21.70
		12	13	21.45	21.52	21.47	21.70
		25	0	21.43	21.39	21.31	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	24.91	24.98	24.93	25.70
		1	25	24.92	24.95	24.94	25.70
		1	49	24.84	24.85	24.86	25.70
		25	0	24.43	24.48	24.48	24.70
		25	13	24.52	24.48	24.49	24.70
		25	25	24.48	24.52	24.51	24.70
		50	0	24.51	24.48	24.45	24.70
	16QAM	1	0	24.43	24.64	24.54	24.70
		1	25	24.50	24.50	24.52	24.70
		1	49	24.55	24.52	24.50	24.70
		25	0	23.44	23.51	23.49	23.70
		25	13	23.55	23.50	23.48	23.70
		25	25	23.51	23.53	23.50	23.70
		50	0	23.51	23.44	23.46	23.70
	64QAM	1	0	23.29	23.34	23.32	23.70
		1	25	23.37	23.40	23.42	23.70
		1	49	23.26	23.32	23.24	23.70
		25	0	22.39	22.40	22.32	22.70
		25	13	22.40	22.46	22.34	22.70
		25	25	22.40	22.45	22.46	22.70
		50	0	22.36	22.32	22.32	22.70
	256QAM	1	0	22.42	22.35	22.32	22.70
		1	25	22.35	22.48	22.33	22.70
		1	49	22.32	22.37	22.33	22.70
		25	0	21.54	21.44	21.41	21.70
		25	13	21.46	21.57	21.38	21.70
		25	25	21.45	21.49	21.48	21.70
		50	0	21.43	21.38	21.36	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	24.80	24.82	24.86	25.70

		1	38	24.82	24.84	24.84	25.70			
		1	74	24.68	24.77	24.72	25.70			
		36	0	24.29	24.36	24.36	24.70			
		36	18	24.38	24.33	24.41	24.70			
		36	39	24.34	24.34	24.35	24.70			
		75	0	24.36	24.30	24.39	24.70			
	16QAM	1	0	24.63	24.53	24.65	24.70			
		1	38	24.68	24.63	24.64	24.70			
		1	74	24.56	24.62	24.60	24.70			
		36	0	23.34	23.37	23.36	23.70			
		36	18	23.43	23.36	23.43	23.70			
		36	39	23.33	23.36	23.36	23.70			
	64QAM	75	0	23.37	23.33	23.40	23.70			
		1	0	23.26	23.37	23.28	23.70			
		1	38	23.36	23.38	23.41	23.70			
		1	74	23.29	23.30	23.24	23.70			
		36	0	22.39	22.35	22.30	22.70			
		36	18	22.43	22.44	22.33	22.70			
	256QAM	36	39	22.39	22.42	22.41	22.70			
		75	0	22.33	22.32	22.33	22.70			
		1	0	22.41	22.34	22.29	22.70			
1		38	22.36	22.46	22.28	22.70				
1		74	22.36	22.38	22.36	22.70				
36		0	21.50	21.45	21.42	21.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20050	20175	20300				
				1	0	24.93		24.88	24.97	25.70
				1	50	24.85		24.88	24.90	25.70
				1	99	24.86		24.85	24.77	25.70
				50	0	24.38		24.40	24.38	24.70
20MHz	QPSK	50	25	24.44	24.37	24.44	24.70			
		50	50	24.41	24.41	24.35	24.70			
		100	0	24.44	24.34	24.42	24.70			
		16QAM	1	0	24.29	24.43	24.40	24.70		
			1	50	24.48	24.66	24.32	24.70		
			1	99	24.34	24.14	24.24	24.70		
	50		0	23.38	23.40	23.41	23.70			
	50		25	23.44	23.39	23.44	23.70			
	50		50	23.42	23.40	23.37	23.70			
	64QAM	100	0	23.43	23.34	23.43	23.70			
		1	0	23.28	23.34	23.30	23.70			
		1	50	23.38	23.38	23.38	23.70			
1		99	23.26	23.30	23.25	23.70				
50		0	22.39	22.36	22.30	22.70				
50		25	22.45	22.45	22.33	22.70				
256QAM	50	50	22.43	22.43	22.46	22.70				
	100	0	22.36	22.33	22.30	22.70				
256QAM	1	0	22.38	22.36	22.30	22.70				

		1	50	22.35	22.48	22.30	22.70
		1	99	22.32	22.42	22.33	22.70
		50	0	21.55	21.42	21.39	21.70
		50	25	21.47	21.55	21.40	21.70
		50	50	21.45	21.52	21.46	21.70
		100	0	21.42	21.41	21.35	21.70

LTE Band 4 Sensor on/hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.84	20.80	20.82	21.70
		1	2	20.96	20.91	21.00	21.70
		1	5	20.89	20.85	20.94	21.70
		3	0	21.09	21.00	20.87	21.70
		3	2	21.04	20.99	20.99	21.70
		3	3	21.06	21.01	20.99	21.70
		6	0	21.03	20.81	20.87	21.70
	16QAM	1	0	21.04	20.94	20.83	21.70
		1	2	20.94	21.05	21.00	21.70
		1	5	20.74	20.57	20.62	21.70
		3	0	20.94	20.90	20.88	21.70
		3	2	20.95	20.85	20.76	21.70
		3	3	20.86	20.84	20.82	21.70
		6	0	20.88	20.85	20.75	21.70
	64QAM	1	0	20.76	20.73	20.75	21.70
		1	2	20.89	20.86	20.95	21.70
		1	5	20.82	20.77	20.85	21.70
		3	0	21.01	20.94	20.79	21.70
		3	2	20.94	20.90	20.93	21.70
		3	3	20.96	20.91	20.89	21.70
		6	0	20.94	20.73	20.82	21.70
	256QAM	1	0	20.94	20.86	20.77	21.70
		1	2	20.87	21.00	20.94	21.70
		1	5	20.66	20.50	20.57	21.70
		3	0	20.88	20.80	20.83	21.70
		3	2	20.86	20.79	20.69	21.70
		3	3	20.76	20.75	20.73	21.70
		6	0	20.81	20.78	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.91	20.83	20.88	21.70
		1	7	21.03	20.89	20.96	21.70
		1	14	20.85	20.84	20.8	21.70
		8	0	21.03	20.91	20.87	21.70
		8	4	21.08	20.95	20.9	21.70
		8	7	21.02	20.9	20.94	21.70
		15	0	21.01	20.8	20.85	21.70
	16QAM	1	0	21.05	20.96	20.84	21.70
		1	7	20.94	21.07	20.93	21.70
1		14	20.71	20.59	20.67	21.70	

		8	0	20.94	20.91	20.83	21.70	
		8	4	20.93	20.82	20.8	21.70	
		8	7	20.82	20.82	20.76	21.70	
		15	0	20.92	20.82	20.8	21.70	
	64QAM	1	0	20.78	20.73	20.75	21.70	
		1	7	20.91	20.81	20.91	21.70	
		1	14	20.81	20.75	20.89	21.70	
		8	0	21.02	20.92	20.78	21.70	
		8	4	20.95	20.89	20.91	21.70	
		8	7	20.96	20.91	20.89	21.70	
		15	0	20.95	20.76	20.77	21.70	
	256QAM	1	0	20.98	20.84	20.73	21.70	
		1	7	20.84	20.97	20.94	21.70	
		1	14	20.68	20.52	20.57	21.70	
		8	0	20.88	20.83	20.78	21.70	
		8	4	20.86	20.77	20.71	21.70	
		8	7	20.77	20.75	20.72	21.70	
		15	0	20.82	20.78	20.67	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	20.99	20.9	20.95	21.70	
		1	13	20.99	20.94	20.92	21.70	
		1	24	20.93	20.86	20.82	21.70	
		12	0	21.07	20.92	20.92	21.70	
		12	6	21.11	20.89	20.99	21.70	
		12	13	21.01	20.98	20.93	21.70	
		25	0	21.05	20.87	21.01	21.70	
	16QAM	1	0	21.06	20.94	20.83	21.70	
		1	13	20.98	21.04	20.96	21.70	
		1	24	20.7	20.55	20.64	21.70	
		12	0	20.92	20.88	20.88	21.70	
		12	6	20.95	20.84	20.81	21.70	
		12	13	20.88	20.77	20.81	21.70	
		25	0	20.89	20.82	20.78	21.70	
	64QAM	1	0	20.78	20.73	20.74	21.70	
		1	13	20.89	20.84	20.91	21.70	
		1	24	20.79	20.76	20.89	21.70	
		12	0	21.01	20.92	20.81	21.70	
		12	6	20.94	20.90	20.91	21.70	
		12	13	21.00	20.92	20.91	21.70	
		25	0	20.93	20.74	20.77	21.70	
	256QAM	1	0	20.99	20.84	20.77	21.70	
		1	13	20.85	20.98	20.93	21.70	
		1	24	20.66	20.51	20.57	21.70	
		12	0	20.84	20.85	20.83	21.70	
		12	6	20.88	20.75	20.68	21.70	
		12	13	20.81	20.77	20.74	21.70	
		25	0	20.83	20.78	20.66	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
10MHz	QPSK	1	0	20.95	20.88	21	21.70	
		1	25	20.97	20.91	20.91	21.70	

		1	49	20.91	20.83	20.82	21.70	
		25	0	21.06	20.96	20.97	21.70	
		25	13	21.07	20.92	20.97	21.70	
		25	25	21.01	20.92	20.95	21.70	
		50	0	21.08	20.9	20.96	21.70	
		1	0	21.02	20.94	20.85	21.70	
		1	25	20.95	21	21.02	21.70	
	16QAM	1	49	20.71	20.52	20.68	21.70	
		25	0	20.91	20.92	20.86	21.70	
		25	13	20.91	20.76	20.78	21.70	
		25	25	20.91	20.78	20.79	21.70	
		50	0	20.92	20.84	20.77	21.70	
		1	0	20.77	20.71	20.76	21.70	
	64QAM	1	25	20.88	20.84	20.92	21.70	
		1	49	20.80	20.78	20.84	21.70	
		25	0	21.03	20.94	20.82	21.70	
		25	13	20.94	20.89	20.89	21.70	
		25	25	21.01	20.96	20.89	21.70	
		50	0	20.94	20.75	20.79	21.70	
	256QAM	1	0	20.97	20.87	20.77	21.70	
		1	25	20.85	20.99	20.94	21.70	
		1	49	20.69	20.52	20.53	21.70	
		25	0	20.88	20.80	20.82	21.70	
		25	13	20.85	20.79	20.71	21.70	
		25	25	20.77	20.76	20.72	21.70	
	50	0	20.82	20.78	20.66	21.70		
	<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	20.92	20.82	20.85	21.70	
		1	38	20.92	20.83	20.78	21.70	
		1	74	20.74	20.69	20.66	21.70	
		36	0	20.86	20.83	20.83	21.70	
		36	18	20.93	20.80	20.75	21.70	
		36	39	20.87	20.78	20.77	21.70	
		75	0	20.90	20.80	20.85	21.70	
	16QAM	1	0	21.05	20.92	20.83	21.70	
		1	38	20.94	21.08	21.01	21.70	
		1	74	20.67	20.57	20.70	21.70	
		36	0	20.92	20.86	20.85	21.70	
		36	18	20.94	20.83	20.77	21.70	
		36	39	20.88	20.80	20.76	21.70	
		75	0	20.90	20.82	20.81	21.70	
	64QAM	1	0	20.76	20.72	20.77	21.70	
		1	38	20.86	20.83	20.91	21.70	
		1	74	20.82	20.76	20.84	21.70	
		36	0	21.02	20.93	20.79	21.70	
		36	18	20.99	20.92	20.91	21.70	
		36	39	20.96	20.95	20.93	21.70	
		75	0	20.96	20.71	20.78	21.70	
	256QAM	1	0	20.95	20.88	20.76	21.70	
		1	38	20.87	20.99	20.90	21.70	
		1	74	20.68	20.51	20.53	21.70	

		36	0	20.87	20.84	20.82	21.70
		36	18	20.88	20.76	20.69	21.70
		36	39	20.78	20.78	20.75	21.70
		75	0	20.81	20.80	20.65	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.04	20.92	21.03	21.70
		1	50	20.84	20.8	20.79	21.70
		1	99	20.71	20.7	20.64	21.70
		50	0	20.89	20.85	20.87	21.70
		50	25	20.96	20.78	20.79	21.70
		50	50	20.82	20.76	20.76	21.70
		100	0	20.94	20.79	20.72	21.70
	16QAM	1	0	21.05	20.97	20.82	21.70
		1	50	20.99	21.04	21	21.70
		1	99	20.71	20.56	20.7	21.70
		50	0	20.91	20.87	20.89	21.70
		50	25	20.97	20.85	20.82	21.70
		50	50	20.88	20.8	20.8	21.70
		100	0	20.89	20.83	20.79	21.70
	64QAM	1	0	20.77	20.73	20.72	21.70
		1	50	20.90	20.83	20.94	21.70
		1	99	20.84	20.75	20.88	21.70
		50	0	21.04	20.94	20.82	21.70
		50	25	20.96	20.90	20.91	21.70
		50	50	20.96	20.96	20.91	21.70
		100	0	20.94	20.74	20.80	21.70
	256QAM	1	0	20.97	20.84	20.77	21.70
		1	50	20.89	20.97	20.92	21.70
		1	99	20.69	20.49	20.55	21.70
		50	0	20.84	20.84	20.79	21.70
		50	25	20.87	20.79	20.68	21.70
		50	50	20.78	20.77	20.74	21.70
		100	0	20.82	20.78	20.65	21.70

LTE Band 7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.59	24.65	24.86	25.70
		1	13	24.68	24.77	24.86	25.70
		1	24	24.86	24.95	24.96	25.70
		12	0	24.09	24.21	24.22	24.70
		12	6	24.34	24.39	24.46	24.70
		12	13	24.30	24.43	24.60	24.70
		25	0	24.29	24.45	24.38	24.70
	16QAM	1	0	24.17	24.21	24.16	24.70
		1	13	24.27	24.42	24.44	24.70
		1	24	24.27	24.26	24.47	24.70
		12	0	22.91	23.04	23.01	23.70
		12	6	23.05	23.20	23.10	23.70

		12	13	23.16	23.28	23.35	23.70	
		25	0	23.00	23.08	23.06	23.70	
	64QAM	1	0	23.04	23.05	23.28	23.70	
		1	13	23.11	23.18	23.30	23.70	
		1	24	23.31	23.36	23.40	23.70	
		12	0	22.04	22.15	22.17	22.70	
		12	6	22.29	22.34	22.39	22.70	
		12	13	22.20	22.38	22.54	22.70	
		25	0	22.19	22.36	22.33	22.70	
		256QAM	1	0	22.09	22.11	22.09	22.70
	1		13	22.17	22.33	22.36	22.70	
	1		24	22.21	22.19	22.39	22.70	
	12		0	20.85	20.95	20.96	21.70	
	12		6	20.99	21.12	21.01	21.70	
	12		13	21.11	21.23	21.27	21.70	
	25		0	20.92	20.99	21.00	21.70	
<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	24.52	24.67	24.84	25.70	
		1	25	24.61	24.84	24.88	25.70	
		1	49	24.76	24.87	24.88	25.70	
		25	0	24.06	24.30	24.24	24.70	
		25	13	24.28	24.49	24.38	24.70	
		25	25	24.34	24.55	24.46	24.70	
		50	0	24.20	24.37	24.41	24.70	
	16QAM	1	0	24.11	24.21	24.25	24.70	
		1	25	24.42	24.34	24.44	24.70	
		1	49	24.28	24.32	24.35	24.70	
		25	0	22.85	23.04	23.01	23.70	
		25	13	23.03	23.13	23.20	23.70	
		25	25	23.06	23.25	23.27	23.70	
		50	0	23.04	23.20	23.18	23.70	
	64QAM	1	0	23.02	23.07	23.30	23.70	
		1	25	23.12	23.22	23.27	23.70	
		1	49	23.30	23.39	23.40	23.70	
		25	0	22.00	22.12	22.13	22.70	
		25	13	22.29	22.33	22.40	22.70	
		25	25	22.21	22.34	22.55	22.70	
		50	0	22.21	22.37	22.32	22.70	
	256QAM	1	0	22.10	22.14	22.06	22.70	
		1	25	22.18	22.36	22.38	22.70	
		1	49	22.18	22.18	22.39	22.70	
		25	0	20.81	20.96	20.95	21.70	
		25	13	20.95	21.11	21.00	21.70	
		25	25	21.11	21.21	21.30	21.70	
		50	0	20.94	20.99	20.98	21.70	
	<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	24.64	24.68	24.75	25.70	
		1	38	24.58	24.78	24.83	25.70	
		1	74	24.82	24.94	25.05	25.70	

		36	0	24.10	24.24	24.22	24.70	
		36	18	24.18	24.42	24.46	24.70	
		36	39	24.38	24.50	24.56	24.70	
		75	0	24.37	24.38	24.33	24.70	
		16QAM	1	0	24.22	24.29	24.27	24.70
			1	38	24.30	24.42	24.37	24.70
			1	74	24.19	24.39	24.49	24.70
	36		0	22.82	23.00	23.11	23.70	
	36		18	23.07	23.08	23.15	23.70	
	36		39	23.12	23.21	23.33	23.70	
	75		0	23.03	23.18	23.12	23.70	
	64QAM	1	0	22.99	23.06	23.28	23.70	
		1	38	23.10	23.22	23.27	23.70	
		1	74	23.27	23.38	23.41	23.70	
		36	0	22.04	22.16	22.17	22.70	
		36	18	22.24	22.29	22.40	22.70	
		36	39	22.22	22.37	22.51	22.70	
		75	0	22.23	22.38	22.31	22.70	
	256QAM	1	0	22.08	22.12	22.11	22.70	
		1	38	22.17	22.36	22.37	22.70	
		1	74	22.19	22.16	22.41	22.70	
		36	0	20.81	20.97	20.93	21.70	
		36	18	20.95	21.11	21.01	21.70	
		36	39	21.08	21.19	21.27	21.70	
		75	0	20.94	21.00	21.01	21.70	
	<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>	<b>QPSK</b>			20850	21100	21350	
			1	0	24.91	25.08	25.05	25.70
1			50	24.76	24.96	24.92	25.70	
1			99	24.69	24.84	24.89	25.70	
50			0	24.46	24.63	24.63	24.70	
50			25	24.37	24.52	24.48	24.70	
50			50	24.23	24.41	24.41	24.70	
<b>16QAM</b>		100	0	24.40	24.49	24.48	24.70	
		1	0	24.29	24.31	24.35	24.70	
		1	50	24.46	24.49	24.53	24.70	
		1	99	24.39	24.45	24.52	24.70	
		50	0	22.97	23.14	23.17	23.70	
		50	25	23.14	23.24	23.22	23.70	
		50	50	23.20	23.34	23.37	23.70	
<b>64QAM</b>		100	0	23.11	23.23	23.22	23.70	
		1	0	23.00	23.06	23.29	23.70	
		1	50	23.11	23.17	23.29	23.70	
		1	99	23.29	23.37	23.40	23.70	
		50	0	22.01	22.14	22.17	22.70	
		50	25	22.25	22.31	22.37	22.70	
		50	50	22.21	22.34	22.53	22.70	
<b>256QAM</b>		100	0	22.20	22.38	22.30	22.70	
		1	0	22.10	22.14	22.08	22.70	
		1	50	22.17	22.34	22.37	22.70	
			1	99	22.21	22.20	22.42	22.70

		50	0	20.83	20.95	20.96	21.70
		50	25	20.98	21.10	21.00	21.70
		50	50	21.09	21.22	21.30	21.70
		100	0	20.90	20.99	20.97	21.70

LTE Band 7 Sensor on/hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.66	16.80	16.87	17.70
		1	13	16.74	16.90	16.89	17.70
		1	24	16.75	16.90	17.09	17.70
		12	0	17.14	17.10	17.07	17.70
		12	6	16.94	17.00	17.22	17.70
		12	13	16.91	16.97	17.24	17.70
	16QAM	25	0	17.12	16.90	17.00	17.70
		1	0	16.65	17.08	17.10	17.70
		1	13	17.22	17.20	17.39	17.70
		1	24	16.78	17.10	17.13	17.70
		12	0	16.52	16.78	16.97	17.70
		12	6	16.70	16.91	16.98	17.70
	64QAM	12	13	16.81	17.07	16.87	17.70
		25	0	16.87	16.95	16.82	17.70
		1	0	16.58	16.75	16.77	17.70
		1	13	16.66	16.83	16.81	17.70
		1	24	16.68	16.82	16.99	17.70
		12	0	17.05	17.01	16.99	17.70
	256QAM	12	6	16.87	16.93	17.12	17.70
		12	13	16.86	16.88	17.15	17.70
		25	0	17.06	16.80	16.91	17.70
		1	0	16.58	17.03	17.03	17.70
		1	13	17.17	17.13	17.34	17.70
		1	24	16.72	17.04	17.04	17.70
10MHz	QPSK	12	0	16.47	16.70	16.91	17.70
		12	6	16.62	16.85	16.91	17.70
12		13	16.73	16.98	16.80	17.70	
25		0	16.80	16.88	16.77	17.70	
1		0	16.91	16.75	16.87	17.70	
1		25	16.90	17.10	16.94	17.70	
10MHz	QPSK	1	49	17.03	16.94	17.13	17.70
		25	0	16.96	16.97	17.10	17.70
		25	13	17.05	17.18	17.23	17.70
		25	25	16.95	17.21	17.03	17.70
		50	0	17.11	17.21	17.08	17.70
	16QAM	1	0	16.76	16.87	16.87	17.70
		1	25	17.41	17.08	17.26	17.70
		1	49	16.85	17.09	17.17	17.70
		25	0	16.76	16.85	16.81	17.70
		25	13	16.94	16.78	16.88	17.70

		25	25	16.81	16.92	16.96	17.70	
		50	0	16.83	16.94	17.05	17.70	
	64QAM	1	0	16.59	16.73	16.78	17.70	
		1	25	16.69	16.82	16.81	17.70	
		1	49	16.68	16.82	17.00	17.70	
		25	0	17.04	17.02	17.00	17.70	
		25	13	16.89	16.92	17.12	17.70	
		25	25	16.86	16.90	17.15	17.70	
		50	0	17.02	16.82	16.94	17.70	
		256QAM	1	0	16.60	16.99	17.02	17.70
	1		25	17.13	17.13	17.30	17.70	
	1		49	16.69	17.01	17.05	17.70	
	25		0	16.43	16.68	16.88	17.70	
	25		13	16.61	16.86	16.89	17.70	
	25		25	16.72	16.98	16.79	17.70	
	50		0	16.78	16.89	16.72	17.70	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
<b>15MHz</b>	QPSK	1	0	16.61	16.71	16.89	17.70	
		1	38	16.75	16.99	16.89	17.70	
		1	74	16.79	16.83	17.08	17.70	
		36	0	17.09	17.10	17.16	17.70	
		36	18	17.04	17.12	17.33	17.70	
		36	39	16.88	17.21	17.27	17.70	
		75	0	16.89	17.17	17.18	17.70	
	16QAM	1	0	16.62	16.87	17.03	17.70	
		1	38	17.20	16.96	17.30	17.70	
		1	74	17.03	17.12	17.25	17.70	
		36	0	16.57	16.77	16.70	17.70	
		36	18	16.80	17.04	16.90	17.70	
		36	39	16.82	16.99	17.03	17.70	
		75	0	16.80	17.05	17.03	17.70	
	64QAM	1	0	16.56	16.75	16.77	17.70	
		1	38	16.68	16.80	16.83	17.70	
		1	74	16.65	16.85	17.03	17.70	
		36	0	17.07	17.00	17.01	17.70	
		36	18	16.86	16.91	17.14	17.70	
		36	39	16.81	16.91	17.15	17.70	
		75	0	17.06	16.85	16.95	17.70	
	256QAM	1	0	16.59	16.98	17.05	17.70	
		1	38	17.17	17.11	17.33	17.70	
		1	74	16.70	17.04	17.07	17.70	
		36	0	16.44	16.68	16.89	17.70	
		36	18	16.61	16.84	16.88	17.70	
		36	39	16.75	16.98	16.81	17.70	
		75	0	16.79	16.90	16.75	17.70	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	16.76	16.85	16.83	17.70	
		1	50	16.86	17.04	16.99	17.70	
		1	99	16.87	17.06	17.35	17.70	

		50	0	17.10	16.97	17.05	17.70
		50	25	16.91	17.02	17.22	17.70
		50	50	17.00	17.09	17.15	17.70
		100	0	16.97	17.03	17.03	17.70
	16QAM	1	0	16.73	16.93	17.02	17.70
		1	50	17.30	17.08	17.30	17.70
		1	99	16.96	17.08	17.20	17.70
		50	0	16.74	16.80	16.81	17.70
		50	25	16.83	16.92	16.84	17.70
		50	50	16.85	16.99	17.01	17.70
		100	0	16.85	16.90	16.97	17.70
	64QAM	1	0	16.57	16.70	16.80	17.70
		1	50	16.65	16.83	16.82	17.70
		1	99	16.66	16.83	17.03	17.70
		50	0	17.08	17.02	17.00	17.70
		50	25	16.84	16.91	17.12	17.70
		50	50	16.81	16.92	17.15	17.70
		100	0	17.02	16.81	16.90	17.70
	256QAM	1	0	16.57	16.98	17.05	17.70
		1	50	17.12	17.10	17.31	17.70
		1	99	16.68	17.04	17.05	17.70
		50	0	16.45	16.71	16.90	17.70
		50	25	16.63	16.82	16.92	17.70
		50	50	16.73	16.97	16.80	17.70
		100	0	16.77	16.86	16.72	17.70

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.83	24.85	24.89	25.70
		1	13	24.75	24.99	24.82	25.70
		1	24	24.97	24.83	24.82	25.70
		12	0	24.27	24.35	24.36	24.70
		12	6	24.39	24.31	24.47	24.70
		12	13	24.41	24.37	24.40	24.70
		25	0	24.33	24.44	24.32	24.70
	16QAM	1	0	24.46	24.50	24.33	24.70
		1	13	24.35	24.53	24.58	24.70
		1	24	24.26	24.53	24.26	24.70
		12	0	23.22	23.43	23.41	23.70
		12	6	23.45	23.42	23.43	23.70
		12	13	23.40	23.37	23.34	23.70
		25	0	23.43	23.43	23.38	23.70
	64QAM	1	0	23.25	23.30	23.32	23.70
		1	13	23.16	23.39	23.22	23.70
		1	24	23.38	23.28	23.24	23.70
		12	0	22.18	22.27	22.26	22.70
		12	6	22.32	22.22	22.41	22.70
		12	13	22.32	22.30	22.30	22.70
		25	0	22.24	22.38	22.27	22.70

		1	0	22.36	22.42	22.26	22.70
		1	13	22.30	22.47	22.48	22.70
		1	24	22.18	22.48	22.18	22.70
	256QAM	12	0	21.15	21.34	21.35	21.70
		12	6	21.36	21.35	21.38	21.70
		12	13	21.31	21.29	21.28	21.70
		25	0	21.33	21.37	21.28	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.86	24.93	24.79	25.70
		1	25	24.74	24.98	24.90	25.70
		1	49	24.89	24.95	24.80	25.70
		25	0	24.31	24.32	24.42	24.70
		25	13	24.40	24.36	24.42	24.70
		25	25	24.30	24.48	24.40	24.70
		50	0	24.45	24.33	24.43	24.70
	16QAM	1	0	24.40	24.40	24.33	24.70
		1	25	24.28	24.62	24.43	24.70
		1	49	24.38	24.54	24.30	24.70
		25	0	23.28	23.36	23.40	23.70
		25	13	23.45	23.40	23.36	23.70
		25	25	23.38	23.49	23.39	23.70
		50	0	23.37	23.27	23.35	23.70
	64QAM	1	0	23.23	23.25	23.33	23.70
		1	25	23.18	23.43	23.24	23.70
		1	49	23.42	23.25	23.26	23.70
		25	0	22.18	22.27	22.26	22.70
		25	13	22.29	22.23	22.42	22.70
		25	25	22.32	22.31	22.30	22.70
		50	0	22.23	22.38	22.24	22.70
	256QAM	1	0	22.38	22.45	22.27	22.70
		1	25	22.25	22.48	22.51	22.70
		1	49	22.16	22.43	22.16	22.70
		25	0	21.16	21.34	21.35	21.70
		25	13	21.40	21.32	21.37	21.70
		25	25	21.34	21.30	21.29	21.70
		50	0	21.34	21.36	21.28	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	24.88	24.91	24.87	25.70
		1	38	24.79	24.84	24.73	25.70
		1	74	24.92	24.79	24.90	25.70
		36	0	24.35	24.40	24.33	24.70
		36	18	24.41	24.39	24.53	24.70
		36	39	24.31	24.34	24.29	24.70
		75	0	24.46	24.27	24.33	24.70
	16QAM	1	0	24.46	24.49	24.30	24.70
		1	38	24.30	24.55	24.56	24.70
		1	74	24.39	24.54	24.25	24.70
		36	0	23.31	23.44	23.45	23.70
		36	18	23.30	23.41	23.47	23.70

		36	39	23.42	23.35	23.41	23.70	
		75	0	23.43	23.31	23.31	23.70	
	64QAM	1	0	23.23	23.26	23.32	23.70	
		1	38	23.17	23.40	23.25	23.70	
		1	74	23.38	23.25	23.24	23.70	
		36	0	22.17	22.29	22.27	22.70	
		36	18	22.33	22.22	22.40	22.70	
		36	39	22.34	22.28	22.34	22.70	
		75	0	22.24	22.36	22.22	22.70	
	256QAM	1	0	22.38	22.43	22.23	22.70	
		1	38	22.28	22.43	22.51	22.70	
		1	74	22.20	22.46	22.20	22.70	
		36	0	21.17	21.38	21.32	21.70	
		36	18	21.40	21.34	21.34	21.70	
		36	39	21.30	21.31	21.26	21.70	
			75	0	21.36	21.33	21.33	21.70
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
37850					38000	38150		
<b>20MHz</b>	QPSK	1	0	24.91	25.04	24.93	25.70	
		1	50	24.91	25.00	24.97	25.70	
		1	99	25.01	24.97	24.95	25.70	
		50	0	24.52	24.55	24.51	24.70	
		50	25	24.39	24.44	24.51	24.70	
		50	50	24.50	24.54	24.49	24.70	
		100	0	24.48	24.47	24.48	24.70	
	16QAM	1	0	24.54	24.53	24.44	24.70	
		1	50	24.45	24.68	24.62	24.70	
		1	99	24.43	24.62	24.45	24.70	
		50	0	23.38	23.46	23.51	23.70	
		50	25	23.49	23.48	23.53	23.70	
		50	50	23.52	23.53	23.48	23.70	
		100	0	23.48	23.47	23.49	23.70	
	64QAM	1	0	23.27	23.30	23.30	23.70	
		1	50	23.19	23.41	23.23	23.70	
		1	99	23.41	23.28	23.27	23.70	
		50	0	22.22	22.26	22.28	22.70	
		50	25	22.32	22.23	22.39	22.70	
		50	50	22.32	22.30	22.33	22.70	
		100	0	22.27	22.37	22.23	22.70	
	256QAM	1	0	22.41	22.42	22.23	22.70	
		1	50	22.28	22.44	22.48	22.70	
		1	99	22.17	22.43	22.16	22.70	
		50	0	21.13	21.37	21.34	21.70	
		50	25	21.36	21.34	21.38	21.70	
		50	50	21.32	21.32	21.25	21.70	
		100	0	21.34	21.37	21.31	21.70	

LTE Band 38 Sensor on				Conducted Power(dBm)			
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	

5MHz	QPSK	1	0	21.57	21.69	21.83	22.20
		1	13	21.85	21.74	21.91	22.20
		1	24	21.98	21.98	21.86	22.20
		12	0	21.81	21.80	21.92	22.20
		12	6	21.89	21.92	21.84	22.20
		12	13	21.80	21.87	21.63	22.20
		25	0	21.90	21.82	21.82	22.20
	16QAM	1	0	21.63	21.67	21.99	22.20
		1	13	22.01	21.57	22.03	22.20
		1	24	21.84	21.77	21.72	22.20
		12	0	21.74	21.74	21.93	22.20
		12	6	21.79	21.83	21.92	22.20
		12	13	21.75	21.99	21.79	22.20
		25	0	21.75	21.99	21.79	22.20
	64QAM	1	0	21.47	21.62	21.77	22.20
		1	13	21.80	21.67	21.85	22.20
		1	24	21.90	21.92	21.76	22.20
		12	0	21.74	21.71	21.87	22.20
		12	6	21.84	21.82	21.75	22.20
		12	13	21.71	21.78	21.54	22.20
		25	0	21.81	21.72	21.73	22.20
	256QAM	1	0	21.56	21.57	21.90	22.20
		1	13	21.91	21.49	21.95	22.20
		1	24	21.75	21.70	21.67	22.20
		12	0	21.24	21.20	21.42	21.70
		12	6	21.23	21.27	21.42	21.70
		12	13	21.15	21.43	21.27	21.70
		25	0	21.21	21.44	21.22	21.70
<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	
10MHz	QPSK	1	0	21.62	21.67	21.78	22.20
		1	25	21.83	21.71	21.91	22.20
		1	49	22.03	21.95	21.83	22.20
		25	0	21.77	21.78	21.95	22.20
		25	13	21.89	21.90	21.83	22.20
		25	25	21.84	21.83	21.65	22.20
		50	0	21.89	21.87	21.85	22.20
	16QAM	1	0	21.59	21.68	21.98	22.20
		1	25	22.00	21.54	22.05	22.20
		1	49	21.80	21.81	21.75	22.20
		25	0	21.77	21.74	21.92	22.20
		25	13	21.75	21.81	21.90	22.20
		25	25	21.78	21.94	21.81	22.20
		50	0	21.92	21.94	21.70	22.20
	64QAM	1	0	21.49	21.63	21.77	22.20
		1	25	21.77	21.69	21.85	22.20
		1	49	21.92	21.90	21.79	22.20
		25	0	21.72	21.74	21.84	22.20
		25	13	21.80	21.87	21.79	22.20
		25	25	21.73	21.82	21.55	22.20
		50	0	21.82	21.72	21.73	22.20

		1	0	21.56	21.57	21.92	22.20	
		1	25	21.95	21.47	21.96	22.20	
		1	49	21.75	21.69	21.67	22.20	
	256QAM	25	0	21.17	21.23	21.34	22.20	
		25	13	21.23	21.23	21.35	21.70	
		25	25	21.24	21.47	21.21	21.70	
		50	0	21.24	21.43	21.29	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	21.68	21.75	21.72	22.20	
		1	38	21.93	21.76	21.83	22.20	
		1	74	21.89	21.84	21.90	22.20	
		36	0	21.72	21.78	21.85	22.20	
		36	18	21.85	21.92	21.83	22.20	
		36	39	21.81	22.03	21.77	22.20	
		75	0	21.82	21.79	21.85	22.20	
	16QAM	1	0	21.52	21.83	22.03	22.20	
		1	38	21.97	21.75	21.90	22.20	
		1	74	22.03	21.83	21.83	22.20	
		36	0	21.82	21.84	21.93	22.20	
		36	18	21.77	21.76	21.84	22.20	
		36	39	21.79	21.89	21.78	22.20	
		75	0	21.83	21.78	21.94	22.20	
	64QAM	1	0	21.51	21.60	21.74	22.20	
		1	38	21.76	21.67	21.85	22.20	
		1	74	21.92	21.90	21.77	22.20	
		36	0	21.76	21.73	21.84	22.20	
		36	18	21.79	21.86	21.76	22.20	
		36	39	21.74	21.79	21.58	22.20	
		75	0	21.84	21.77	21.77	22.20	
	256QAM	1	0	21.55	21.60	21.93	22.20	
		1	38	21.95	21.50	21.96	22.20	
		1	74	21.79	21.69	21.66	22.20	
		36	0	21.24	21.15	21.35	22.20	
		36	18	21.27	21.25	21.33	21.70	
		36	39	21.17	21.40	21.25	21.70	
		75	0	21.21	21.48	21.21	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
20MHz	QPSK	1	0	21.98	21.80	21.87	22.20	
		1	50	21.94	21.86	21.92	22.20	
		1	99	21.95	21.92	21.94	22.20	
		50	0	21.85	21.90	21.88	22.20	
		50	25	21.94	21.90	21.88	22.20	
		50	50	21.89	21.87	21.86	22.20	
		100	0	21.82	21.77	21.90	22.20	
	16QAM	1	0	21.64	21.83	21.90	22.20	
		1	50	21.88	21.77	21.89	22.20	
		1	99	21.83	21.97	21.79	22.20	
		50	0	21.87	21.83	21.92	22.20	
		50	25	21.94	21.89	21.96	22.20	

		50	50	21.87	21.94	21.93	22.20
		100	0	21.84	21.88	21.90	22.20
	64QAM	1	0	21.49	21.64	21.77	22.20
		1	50	21.79	21.66	21.84	22.20
		1	99	21.91	21.92	21.80	22.20
		50	0	21.75	21.74	21.85	22.20
		50	25	21.79	21.86	21.76	22.20
		50	50	21.70	21.77	21.54	22.20
		100	0	21.81	21.77	21.72	22.20
	256QAM	1	0	21.56	21.57	21.89	22.20
		1	50	21.93	21.52	21.96	22.20
		1	99	21.79	21.68	21.65	22.20
		50	0	21.24	21.15	21.33	22.20
		50	25	21.26	21.27	21.36	21.70
		50	50	21.19	21.45	21.22	21.70
100		0	21.20	21.43	21.19	21.70	

LTE Band 38 hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	20.49	20.61	20.77	21.20
		1	13	20.77	20.65	20.84	21.20
		1	24	20.93	20.89	20.76	21.20
		12	0	20.74	20.73	20.82	21.20
		12	6	20.81	20.83	20.76	21.20
		12	13	20.74	20.79	20.56	21.20
		25	0	20.80	20.74	20.73	21.20
	16QAM	1	0	20.54	20.58	20.90	21.20
		1	13	20.91	20.52	20.94	21.20
		1	24	20.79	20.67	20.62	21.20
		12	0	20.69	20.68	20.84	21.20
		12	6	20.73	20.73	20.82	21.20
		12	13	20.67	20.91	20.69	21.20
		25	0	20.67	20.91	20.73	21.20
	64QAM	1	0	20.85	20.61	20.71	21.20
		1	13	20.83	20.69	20.80	21.20
		1	24	20.79	20.77	20.78	21.20
		12	0	20.73	20.77	20.76	21.20
		12	6	20.82	20.71	20.69	21.20
		12	13	20.71	20.73	20.71	21.20
		25	0	20.66	20.62	20.73	21.20
	256QAM	1	0	20.47	20.72	20.78	21.20
		1	13	20.73	20.60	20.75	21.20
		1	24	20.73	20.83	20.63	21.20
		12	0	20.72	20.67	20.77	21.20
		12	6	20.78	20.71	20.81	21.20
		12	13	20.68	20.77	20.78	21.20
		25	0	20.72	20.71	20.77	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	

10MHz	QPSK	1	0	20.53	20.62	20.68	21.20
		1	25	20.74	20.62	20.84	21.20
		1	49	20.96	20.87	20.74	21.20
		25	0	20.67	20.71	20.90	21.20
		25	13	20.84	20.84	20.78	21.20
		25	25	20.78	20.78	20.57	21.20
		50	0	20.79	20.80	20.75	21.20
	16QAM	1	0	20.52	20.61	20.92	21.20
		1	25	20.93	20.49	20.97	21.20
		1	49	20.74	20.74	20.66	21.20
		25	0	20.67	20.69	20.87	21.20
		25	13	20.69	20.73	20.81	21.20
		25	25	20.71	20.89	20.73	21.20
		50	0	20.84	20.86	20.64	21.20
	64QAM	1	0	20.85	20.61	20.75	21.20
		1	25	20.80	20.72	20.76	21.20
		1	49	20.83	20.76	20.76	21.20
		25	0	20.75	20.78	20.76	21.20
		25	13	20.83	20.73	20.71	21.20
		25	25	20.74	20.77	20.68	21.20
		50	0	20.70	20.59	20.74	21.20
	256QAM	1	0	20.47	20.71	20.78	21.20
		1	25	20.74	20.58	20.76	21.20
		1	49	20.69	20.84	20.63	21.20
		25	0	20.73	20.68	20.78	21.20
		25	13	20.79	20.69	20.79	21.20
		25	25	20.71	20.81	20.80	21.20
		50	0	20.69	20.71	20.73	21.20
<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>
				37825	38000	38175	
15MHz	QPSK	1	0	20.59	20.70	20.63	21.20
		1	38	20.83	20.66	20.76	21.20
		1	74	20.82	20.77	20.82	21.20
		36	0	20.64	20.71	20.78	21.20
		36	18	20.79	20.84	20.78	21.20
		36	39	20.76	20.97	20.69	21.20
		75	0	20.72	20.72	20.76	21.20
	16QAM	1	0	20.46	20.74	20.96	21.20
		1	38	20.88	20.66	20.82	21.20
		1	74	20.94	20.75	20.75	21.20
		36	0	20.72	20.76	20.84	21.20
		36	18	20.70	20.66	20.75	21.20
		36	39	20.70	20.82	20.71	21.20
		75	0	20.76	20.71	20.89	21.20
	64QAM	1	0	20.85	20.66	20.74	21.20
		1	38	20.79	20.68	20.77	21.20
		1	74	20.81	20.75	20.79	21.20
		36	0	20.71	20.76	20.73	21.20
		36	18	20.82	20.76	20.74	21.20
		36	39	20.72	20.73	20.72	21.20
		75	0	20.67	20.59	20.75	21.20

		1	0	20.46	20.71	20.76	21.20
		1	38	20.76	20.59	20.76	21.20
		1	74	20.68	20.85	20.63	21.20
	256QAM	36	0	20.74	20.71	20.75	21.20
		36	18	20.79	20.71	20.83	21.20
		36	39	20.67	20.78	20.78	21.20
		75	0	20.73	20.70	20.78	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.90	20.71	20.80	21.20
		1	50	20.89	20.77	20.85	21.20
		1	99	20.89	20.85	20.86	21.20
		50	0	20.80	20.83	20.83	21.20
		50	25	20.89	20.81	20.79	21.20
		50	50	20.80	20.82	20.78	21.20
		100	0	20.75	20.67	20.80	21.20
	16QAM	1	0	20.54	20.78	20.83	21.20
		1	50	20.83	20.68	20.81	21.20
		1	99	20.78	20.90	20.69	21.20
		50	0	20.80	20.76	20.85	21.20
		50	25	20.88	20.79	20.89	21.20
		50	50	20.77	20.86	20.88	21.20
		100	0	20.79	20.79	20.83	21.20
	64QAM	1	0	20.85	20.66	20.73	21.20
		1	50	20.80	20.71	20.80	21.20
		1	99	20.83	20.76	20.79	21.20
		50	0	20.74	20.77	20.75	21.20
		50	25	20.83	20.74	20.74	21.20
		50	50	20.72	20.75	20.70	21.20
		100	0	20.70	20.58	20.70	21.20
	256QAM	1	0	20.48	20.71	20.76	21.20
		1	50	20.73	20.59	20.72	21.20
		1	99	20.71	20.81	20.59	21.20
		50	0	20.72	20.68	20.76	21.20
		50	25	20.81	20.72	20.79	21.20
		50	50	20.68	20.81	20.82	21.20
		100	0	20.71	20.74	20.78	21.20

LTE Band 41 Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.81	24.86	24.91	24.88	24.87	25.70
		1	13	24.92	24.99	25.01	24.99	24.95	25.70
		1	24	24.87	24.88	25	24.98	24.89	25.70
		12	0	24.47	24.46	24.51	24.55	24.46	24.70
		12	6	24.48	24.5	24.54	24.56	24.45	24.70
		12	13	24.47	24.45	24.52	24.51	24.44	24.70
		25	0	24.46	24.46	24.5	24.54	24.45	24.70
	16QAM	1	0	24.38	24.45	24.39	24.47	24.47	24.70
		1	13	24.46	24.56	24.56	24.55	24.47	24.70

		1	24	24.39	24.46	24.48	24.55	24.47	24.70
		12	0	23.46	23.4	23.52	23.57	23.46	23.70
		12	6	23.55	23.57	23.57	23.63	23.47	23.70
		12	13	23.44	23.49	23.57	23.51	23.49	23.70
		25	0	23.48	23.5	23.54	23.52	23.44	23.70
	64QAM	1	0	23.26	23.31	23.33	23.31	23.27	23.70
		1	13	23.33	23.39	23.44	23.43	23.40	23.70
		1	24	23.27	23.31	23.42	23.38	23.32	23.70
		12	0	22.41	22.37	22.43	22.46	22.37	22.70
		12	6	22.42	22.42	22.45	22.48	22.39	22.70
		12	13	22.42	22.35	22.45	22.46	22.35	22.70
		25	0	22.40	22.36	22.41	22.44	22.36	22.70
	256QAM	1	0	22.30	22.36	22.33	22.40	22.37	22.70
		1	13	22.40	22.46	22.51	22.46	22.37	22.70
		1	24	22.32	22.36	22.42	22.45	22.40	22.70
		12	0	21.40	21.30	21.42	21.50	21.38	21.70
		12	6	21.46	21.52	21.47	21.56	21.41	21.70
		12	13	21.37	21.44	21.52	21.44	21.41	21.70
		25	0	21.40	21.41	21.49	21.43	21.36	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	24.89	24.89	24.91	24.96	24.89	25.70
		1	25	24.86	24.91	24.96	24.97	24.89	25.70
		1	49	24.78	24.89	24.91	24.95	24.87	25.70
		25	0	24.45	24.38	24.43	24.46	24.4	24.70
		25	13	24.49	24.49	24.53	24.57	24.42	24.70
		25	25	24.46	24.48	24.53	24.54	24.45	24.70
		50	0	24.49	24.5	24.53	24.49	24.39	24.70
	16QAM	1	0	24.5	24.49	24.59	24.44	24.49	24.70
		1	25	24.5	24.46	24.5	24.57	24.49	24.70
		1	49	24.37	24.36	24.54	24.45	24.4	24.70
		25	0	23.46	23.42	23.45	23.45	23.43	23.70
		25	13	23.53	23.47	23.53	23.59	23.42	23.70
		25	25	23.46	23.51	23.55	23.58	23.5	23.70
		50	0	23.5	23.48	23.54	23.49	23.4	23.70
	64QAM	1	0	23.22	23.30	23.31	23.29	23.28	23.70
		1	25	23.36	23.40	23.44	23.44	23.35	23.70
		1	49	23.27	23.30	23.45	23.41	23.29	23.70
		25	0	22.39	22.40	22.46	22.49	22.40	22.70
		25	13	22.43	22.41	22.46	22.50	22.36	22.70
		25	25	22.39	22.38	22.42	22.41	22.35	22.70
		50	0	22.41	22.37	22.40	22.48	22.39	22.70
	256QAM	1	0	22.32	22.37	22.32	22.39	22.37	22.70
		1	25	22.39	22.46	22.47	22.47	22.39	22.70
		1	49	22.34	22.40	22.41	22.49	22.41	22.70
		25	0	21.38	21.30	21.45	21.52	21.36	21.70
		25	13	21.48	21.52	21.48	21.54	21.41	21.70
		25	25	21.37	21.40	21.50	21.44	21.40	21.70
		50	0	21.40	21.40	21.48	21.45	21.38	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	

15MHz	QPSK	1	0	24.77	24.78	24.83	24.83	24.84	25.70
		1	38	24.77	24.79	24.8	24.78	24.75	25.70
		1	74	24.72	24.82	24.78	24.84	24.69	25.70
		36	0	24.38	24.34	24.35	24.37	24.29	24.70
		36	18	24.38	24.4	24.44	24.34	24.28	24.70
		36	39	24.37	24.41	24.43	24.41	24.29	24.70
		75	0	24.4	24.41	24.41	24.35	24.27	24.70
	16QAM	1	0	24.31	24.28	24.44	24.35	24.33	24.70
		1	38	24.24	24.32	24.44	24.39	24.27	24.70
		1	74	24.26	24.26	24.27	24.46	24.27	24.70
		36	0	23.43	23.35	23.39	23.4	23.31	23.70
		36	18	23.42	23.43	23.43	23.41	23.31	23.70
		36	39	23.41	23.43	23.45	23.44	23.35	23.70
		75	0	23.41	23.41	23.45	23.34	23.3	23.70
	64QAM	1	0	23.21	23.28	23.35	23.32	23.29	23.70
		1	38	23.35	23.39	23.45	23.43	23.36	23.70
		1	74	23.27	23.33	23.45	23.42	23.30	23.70
		36	0	22.37	22.38	22.44	22.46	22.41	22.70
		36	18	22.38	22.44	22.46	22.46	22.35	22.70
		36	39	22.39	22.39	22.47	22.43	22.39	22.70
		75	0	22.38	22.37	22.41	22.46	22.40	22.70
	256QAM	1	0	22.33	22.38	22.32	22.40	22.39	22.70
		1	38	22.37	22.46	22.47	22.45	22.37	22.70
		1	74	22.29	22.38	22.40	22.47	22.39	22.70
		36	0	21.37	21.32	21.42	21.49	21.39	21.70
		36	18	21.50	21.51	21.50	21.58	21.40	21.70
		36	39	21.38	21.39	21.50	21.43	21.40	21.70
		75	0	21.38	21.42	21.48	21.46	21.39	21.70
<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	
20MHz	QPSK	1	0	24.93	24.88	24.97	24.93	24.96	25.70
		1	50	24.91	24.82	24.85	24.87	24.82	25.70
		1	99	24.81	24.91	24.89	24.88	24.73	25.70
		50	0	24.49	24.49	24.51	24.41	24.37	24.70
		50	25	24.48	24.5	24.5	24.47	24.39	24.70
		50	50	24.48	24.47	24.48	24.45	24.37	24.70
		100	0	24.49	24.45	24.47	24.47	24.34	24.70
	16QAM	1	0	24.4	24.41	24.33	24.43	24.48	24.70
		1	50	24.43	24.53	24.53	24.65	24.4	24.70
		1	99	24.31	24.38	24.4	24.32	24.35	24.70
		50	0	23.51	23.5	23.42	23.44	23.41	23.70
		50	25	23.49	23.5	23.49	23.51	23.43	23.70
		50	50	23.46	23.45	23.49	23.48	23.41	23.70
		100	0	23.5	23.47	23.5	23.49	23.36	23.70
	64QAM	1	0	23.24	23.27	23.36	23.31	23.31	23.70
		1	50	23.35	23.43	23.44	23.39	23.40	23.70
		1	99	23.32	23.32	23.44	23.43	23.31	23.70
		50	0	22.37	22.36	22.45	22.47	22.39	22.70
		50	25	22.41	22.45	22.46	22.49	22.38	22.70
		50	50	22.40	22.40	22.44	22.44	22.35	22.70
		100	0	22.40	22.41	22.45	22.48	22.36	22.70

256QAM	1	0	22.33	22.35	22.32	22.40	22.38	22.70
	1	50	22.38	22.49	22.50	22.47	22.38	22.70
	1	99	22.30	22.38	22.40	22.47	22.41	22.70
	50	0	21.40	21.32	21.46	21.49	21.40	21.70
	50	25	21.46	21.48	21.52	21.54	21.40	21.70
	50	50	21.36	21.39	21.48	21.43	21.40	21.70
	100	0	21.39	21.41	21.44	21.47	21.34	21.70

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	21.77	21.59	21.7	21.75	21.6	22.20
		1	13	21.82	21.72	21.78	21.87	21.72	22.20
		1	24	21.69	21.74	21.83	21.71	21.78	22.20
		12	0	21.74	21.67	21.77	21.78	21.75	22.20
		12	6	21.84	21.73	21.98	21.78	21.76	22.20
		12	13	21.77	21.69	21.87	21.66	21.67	22.20
		25	0	21.67	21.65	21.77	21.7	21.73	22.20
	16QAM	1	0	21.3	21.91	21.91	21.43	21.78	22.20
		1	13	21.84	21.97	21.62	21.65	21.61	22.20
		1	24	22.1	21.84	21.7	21.6	21.4	22.20
		12	0	21.74	21.59	21.88	21.68	21.78	22.20
		12	6	21.88	21.67	21.9	21.84	21.7	22.20
		12	13	21.9	21.62	21.84	21.74	21.69	22.20
		25	0	21.75	21.76	21.82	21.78	21.69	22.20
	64QAM	1	0	21.73	21.43	21.71	21.57	21.48	22.20
		1	13	21.60	21.91	21.59	21.65	21.35	22.20
		1	24	21.42	21.42	21.48	21.51	21.42	22.20
		12	0	21.54	21.53	21.64	21.54	21.55	22.20
		12	6	21.65	21.56	21.70	21.52	21.57	22.20
		12	13	21.54	21.65	21.62	21.49	21.62	22.20
		25	0	21.56	21.63	21.64	21.45	21.56	22.20
	256QAM	1	0	21.89	21.48	21.82	21.57	21.31	22.20
		1	13	21.52	21.54	21.50	21.38	21.57	22.20
		1	24	21.60	20.97	21.72	21.48	21.18	22.20
		12	0	21.05	20.95	21.35	21.16	21.03	21.70
		12	6	21.13	21.16	21.29	21.07	21.12	21.70
		12	13	21.18	21.19	21.28	21.05	21.05	21.70
		25	0	21.13	21.09	21.29	21.00	20.93	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.95	21.59	21.6	21.76	21.7	22.20
		1	25	21.78	21.83	21.61	21.81	21.66	22.20
		1	49	21.72	21.79	21.86	21.75	21.69	22.20
		25	0	21.72	21.82	21.85	21.77	21.75	22.20
		25	13	21.77	21.82	21.87	21.69	21.75	22.20
		25	25	21.78	21.73	21.92	21.77	21.78	22.20
		50	0	21.81	21.76	21.83	21.78	21.65	22.20
	16QAM	1	0	21.89	21.68	21.98	21.94	21.95	22.20
		1	25	21.78	21.5	21.86	21.66	21.4	22.20

		1	49	22	21.78	21.78	21.63	21.73	22.20	
		25	0	21.91	21.76	21.84	21.78	21.69	22.20	
		25	13	21.85	21.82	21.86	21.76	21.78	22.20	
		25	25	21.78	21.78	22.01	21.84	21.74	22.20	
		50	0	21.75	21.79	21.98	21.7	21.71	22.20	
	64QAM	1	0	21.73	21.47	21.74	21.60	21.47	22.20	
		1	25	21.57	21.90	21.57	21.69	21.32	22.20	
		1	49	21.43	21.38	21.53	21.51	21.43	22.20	
		25	0	21.54	21.52	21.66	21.53	21.58	22.20	
		25	13	21.65	21.57	21.75	21.49	21.61	22.20	
		25	25	21.58	21.61	21.63	21.50	21.60	22.20	
		50	0	21.58	21.66	21.68	21.48	21.55	22.20	
	256QAM	1	0	21.88	21.43	21.85	21.62	21.27	22.20	
		1	25	21.54	21.57	21.49	21.39	21.61	22.20	
		1	49	21.62	20.97	21.74	21.47	21.16	22.20	
		25	0	20.99	20.96	21.26	21.08	21.01	21.70	
		25	13	21.15	21.19	21.28	21.02	21.10	21.70	
		25	25	21.25	21.16	21.23	21.10	21.08	21.70	
		50	0	21.09	21.11	21.28	20.98	20.97	21.70	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
<b>15MHz</b>	QPSK	1	0	21.5	21.44	21.83	21.62	21.63	22.20	
		1	38	21.55	21.69	21.58	21.55	21.64	22.20	
		1	74	21.43	21.5	21.71	21.58	21.48	22.20	
		36	0	21.63	21.65	21.88	21.6	21.56	22.20	
		36	18	21.64	21.62	21.81	21.62	21.63	22.20	
		36	39	21.59	21.67	21.77	21.6	21.72	22.20	
		75	0	21.63	21.56	21.8	21.63	21.57	22.20	
		16QAM	1	0	21.45	21.84	21.66	21.78	21.68	22.20
			1	38	21.59	21.48	21.85	21.82	21.45	22.20
			1	74	21.51	21.48	21.39	21.78	21.6	22.20
			36	0	21.64	21.66	21.85	21.58	21.48	22.20
			36	18	21.65	21.53	21.88	21.6	21.53	22.20
			36	39	21.67	21.69	21.79	21.62	21.66	22.20
			75	0	21.74	21.71	21.82	21.61	21.5	22.20
		64QAM	1	0	21.71	21.47	21.72	21.60	21.49	22.20
			1	38	21.58	21.93	21.58	21.67	21.35	22.20
			1	74	21.41	21.42	21.49	21.52	21.44	22.20
			36	0	21.53	21.50	21.68	21.55	21.60	22.20
			36	18	21.61	21.58	21.71	21.48	21.60	22.20
			36	39	21.57	21.63	21.61	21.51	21.61	22.20
			75	0	21.58	21.64	21.64	21.46	21.54	22.20
		256QAM	1	0	21.90	21.48	21.84	21.57	21.31	22.20
			1	38	21.51	21.55	21.53	21.39	21.61	22.20
			1	74	21.58	21.00	21.69	21.46	21.15	22.20
			36	0	21.04	20.98	21.32	21.08	21.01	21.70
			36	18	21.12	21.14	21.27	21.06	21.06	21.70
			36	39	21.25	21.15	21.25	21.01	21.11	21.70
			75	0	21.10	21.07	21.22	21.01	20.96	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		

<b>20MHz</b>	<b>QPSK</b>	1	0	21.8	21.52	21.79	21.67	21.56	22.20
		1	50	21.65	21.99	21.67	21.74	21.4	22.20
		1	99	21.48	21.47	21.58	21.6	21.5	22.20
		50	0	21.62	21.58	21.73	21.63	21.65	22.20
		50	25	21.71	21.66	21.8	21.58	21.66	22.20
		50	50	21.64	21.7	21.7	21.58	21.67	22.20
		100	0	21.65	21.71	21.74	21.55	21.63	22.20
	<b>16QAM</b>	1	0	21.97	21.53	21.91	21.67	21.36	22.20
		1	50	21.6	21.64	21.58	21.48	21.66	22.20
		1	99	21.68	21.07	21.79	21.56	21.24	22.20
		50	0	21.58	21.51	21.85	21.68	21.56	22.20
		50	25	21.7	21.69	21.79	21.62	21.66	22.20
		50	50	21.77	21.74	21.81	21.61	21.61	22.20
		100	0	21.68	21.61	21.81	21.57	21.53	22.20
	<b>64QAM</b>	1	0	21.74	21.47	21.69	21.60	21.50	22.20
		1	50	21.56	21.91	21.60	21.69	21.35	22.20
		1	99	21.41	21.40	21.51	21.51	21.45	22.20
		50	0	21.55	21.52	21.66	21.57	21.55	22.20
		50	25	21.63	21.56	21.70	21.49	21.58	22.20
		50	50	21.57	21.60	21.63	21.52	21.60	22.20
		100	0	21.56	21.61	21.69	21.49	21.57	22.20
	<b>256QAM</b>	1	0	21.90	21.43	21.81	21.62	21.27	22.20
		1	50	21.50	21.54	21.50	21.43	21.59	22.20
		1	99	21.60	21.02	21.72	21.50	21.14	22.20
		50	0	20.98	20.92	21.35	21.14	20.97	21.70
		50	25	21.10	21.19	21.28	21.11	21.14	21.70
		50	50	21.24	21.17	21.30	21.07	21.09	21.70
		100	0	21.18	21.02	21.22	21.07	20.95	21.70

<b>LTE Band 41 hotspot on</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>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				39675	40148	40620	41093	41565	
<b>5MHz</b>	<b>QPSK</b>	1	0	21.23	21.1	21.18	21.26	21.14	21.70
		1	13	21.35	21.18	21.27	21.34	21.25	21.70
		1	24	21.22	21.2	21.32	21.18	21.3	21.70
		12	0	21.22	21.16	21.28	21.27	21.21	21.70
		12	6	21.3	21.26	21.45	21.25	21.25	21.70
		12	13	21.29	21.2	21.32	21.15	21.2	21.70
		25	0	21.18	21.17	21.3	21.24	21.19	21.70
	<b>16QAM</b>	1	0	20.8	21.39	21.41	20.92	21.29	21.70
		1	13	21.35	21.5	21.15	21.13	21.15	21.70
		1	24	21.61	21.37	21.15	21.08	20.89	21.70
		12	0	21.21	21.13	21.41	21.2	21.29	21.70
		12	6	21.39	21.21	21.4	21.35	21.19	21.70
		12	13	21.42	21.14	21.32	21.19	21.24	21.70
		25	0	21.25	21.23	21.33	21.33	21.15	21.70
	<b>64QAM</b>	1	0	21.18	21.02	21.11	21.20	21.04	21.70
		1	13	21.30	21.11	21.20	21.24	21.15	21.70
		1	24	21.17	21.12	21.24	21.13	21.23	21.70
		12	0	21.12	21.08	21.23	21.21	21.11	21.70

		12	6	21.25	21.19	21.38	21.15	21.16	21.70
		12	13	21.21	21.12	21.23	21.07	21.15	21.70
		25	0	21.13	21.10	21.20	21.17	21.14	21.70
	256QAM	1	0	20.72	21.34	21.32	20.84	21.19	21.70
		1	13	21.28	21.43	21.09	21.04	21.05	21.70
		1	24	21.56	21.30	21.08	21.00	20.82	21.70
		12	0	21.15	21.08	21.34	21.12	21.21	21.70
		12	6	21.31	21.12	21.32	21.27	21.14	21.70
		12	13	21.33	21.06	21.26	21.12	21.15	21.70
		25	0	21.18	21.17	21.27	21.26	21.06	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.48	21.09	21.1	21.28	21.21	21.70
		1	25	21.26	21.33	21.14	21.33	21.19	21.70
		1	49	21.2	21.27	21.38	21.2	21.18	21.70
		25	0	21.21	21.34	21.4	21.29	21.25	21.70
		25	13	21.26	21.28	21.38	21.18	21.22	21.70
		25	25	21.28	21.24	21.43	21.25	21.26	21.70
		50	0	21.26	21.27	21.35	21.27	21.17	21.70
	16QAM	1	0	21.36	21.14	21.46	21.43	21.44	21.70
		1	25	21.24	21.01	21.36	21.19	20.87	21.70
		1	49	21.5	21.32	21.26	21.11	21.21	21.70
		25	0	21.38	21.26	21.31	21.28	21.19	21.70
		25	13	21.34	21.32	21.4	21.28	21.25	21.70
		25	25	21.26	21.27	21.49	21.35	21.28	21.70
		50	0	21.21	21.3	21.45	21.22	21.25	21.70
	64QAM	1	0	21.15	21.03	21.09	21.19	21.09	21.70
		1	25	21.29	21.09	21.20	21.25	21.16	21.70
		1	49	21.14	21.12	21.27	21.13	21.21	21.70
		25	0	21.12	21.11	21.21	21.22	21.15	21.70
		25	13	21.22	21.21	21.36	21.18	21.20	21.70
		25	25	21.19	21.15	21.26	21.08	21.12	21.70
		50	0	21.12	21.09	21.23	21.19	21.09	21.70
	256QAM	1	0	20.73	21.32	21.31	20.82	21.21	21.70
		1	25	21.28	21.40	21.06	21.07	21.08	21.70
		1	49	21.56	21.31	21.08	21.02	20.84	21.70
		25	0	21.15	21.05	21.33	21.10	21.20	21.70
		25	13	21.30	21.13	21.35	21.25	21.09	21.70
		25	25	21.32	21.05	21.22	21.14	21.17	21.70
		50	0	21.20	21.15	21.25	21.26	21.07	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.97	20.97	21.32	21.1	21.08	21.70
		1	38	21.08	21.17	21.08	21.08	21.09	21.70
		1	74	20.95	21.05	21.2	21.11	20.98	21.70
		36	0	21.14	21.11	21.34	21.12	21.01	21.70
		36	18	21.14	21.16	21.32	21.13	21.14	21.70
		36	39	21.12	21.17	21.31	21.09	21.22	21.70
		75	0	21.15	21.06	21.3	21.08	21.07	21.70
	16QAM	1	0	20.98	21.34	21.18	21.3	21.17	21.70
		1	38	21.08	20.93	21.33	21.31	20.96	21.70

		1	74	21.02	20.96	20.88	21.3	21.08	21.70
		36	0	21.13	21.16	21.35	21.12	20.99	21.70
		36	18	21.18	21.04	21.42	21.15	21.01	21.70
		36	39	21.14	21.15	21.28	21.1	21.12	21.70
		75	0	21.23	21.22	21.29	21.13	20.96	21.70
	64QAM	1	0	21.14	21.01	21.09	21.20	21.07	21.70
		1	38	21.26	21.12	21.19	21.26	21.18	21.70
		1	74	21.16	21.10	21.22	21.08	21.24	21.70
		36	0	21.12	21.07	21.21	21.22	21.15	21.70
		36	18	21.22	21.19	21.38	21.15	21.18	21.70
		36	39	21.22	21.10	21.25	21.06	21.15	21.70
		75	0	21.09	21.09	21.24	21.16	21.10	21.70
	256QAM	1	0	20.70	21.30	21.35	20.84	21.22	21.70
		1	38	21.29	21.44	21.08	21.06	21.06	21.70
		1	74	21.54	21.29	21.10	21.03	20.79	21.70
		36	0	21.12	21.06	21.36	21.10	21.19	21.70
		36	18	21.32	21.14	21.33	21.29	21.09	21.70
		36	39	21.37	21.05	21.23	21.11	21.14	21.70
		75	0	21.15	21.17	21.23	21.24	21.08	21.70
<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	21.33	20.98	21.32	21.16	21.47	21.70
		1	50	21.11	21.36	21.17	21.25	20.93	21.70
		1	99	20.98	20.98	21.07	21.08	21	21.70
		50	0	21.1	21.08	21.22	21.14	21.15	21.70
		50	25	21.22	21.18	21.26	21.08	21.26	21.70
		50	50	21.15	21.17	21.25	21.06	21.16	21.70
		100	0	21.16	21.18	21.24	21.05	21.1	21.70
	16QAM	1	0	21.46	20.99	21.38	21.16	20.88	21.70
		1	50	21.1	21.13	21.06	20.96	21.13	21.70
		1	99	21.17	20.55	21.27	21.04	20.7	21.70
		50	0	21.09	20.97	21.33	21.2	21.07	21.70
		50	25	21.2	21.18	21.27	21.09	21.19	21.70
		50	50	21.27	21.25	21.34	21.11	21.12	21.70
		100	0	21.15	21.14	21.32	21.05	21.04	21.70
	64QAM	1	0	21.13	21.03	21.13	21.21	21.06	21.70
		1	50	21.28	21.12	21.17	21.25	21.15	21.70
		1	99	21.13	21.14	21.24	21.13	21.20	21.70
		50	0	21.14	21.08	21.20	21.22	21.12	21.70
		50	25	21.20	21.19	21.39	21.15	21.19	21.70
		50	50	21.24	21.10	21.27	21.10	21.15	21.70
		100	0	21.08	21.09	21.23	21.14	21.14	21.70
	256QAM	1	0	20.75	21.33	21.31	20.87	21.22	21.70
		1	50	21.30	21.40	21.08	21.03	21.08	21.70
		1	99	21.55	21.32	21.09	21.03	20.84	21.70
		50	0	21.15	21.03	21.36	21.13	21.19	21.70
		50	25	21.33	21.13	21.34	21.25	21.09	21.70
		50	50	21.34	21.09	21.26	21.10	21.19	21.70
		100	0	21.18	21.15	21.23	21.26	21.09	21.70



## 4 Conducted Power of Main Antenna (Ant4)

### 4.1 Conducted Power of LTE

LTE Band 4 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.54	23.61	23.67	25.00
		1	2	23.62	23.71	23.74	25.00
		1	5	23.50	23.61	23.58	25.00
		3	0	23.61	23.62	23.61	25.00
		3	2	23.58	23.68	23.61	25.00
		3	3	23.60	23.68	23.67	25.00
		6	0	23.10	23.15	23.14	24.00
	16QAM	1	0	23.41	23.48	23.59	24.00
		1	2	23.57	23.48	23.59	24.00
		1	5	23.39	23.53	23.44	24.00
		3	0	22.50	22.50	22.57	24.00
		3	2	22.58	22.65	22.58	24.00
		3	3	22.52	22.64	22.58	24.00
		6	0	22.16	22.17	22.19	23.00
	64QAM	1	0	21.44	21.55	21.62	23.00
		1	2	21.55	21.63	21.69	23.00
		1	5	21.41	21.53	21.51	23.00
		3	0	21.54	21.53	21.53	23.00
		3	2	21.52	21.58	21.52	23.00
		3	3	21.51	21.58	21.62	23.00
		6	0	21.00	21.10	21.08	22.00
	256QAM	1	0	21.31	21.43	21.52	22.00
		1	2	21.50	21.43	21.51	22.00
		1	5	21.31	21.45	21.38	22.00
		3	0	20.43	20.42	20.48	22.00
		3	2	20.51	20.55	20.52	22.00
		3	3	20.44	20.58	20.51	22.00
		6	0	20.06	20.08	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.59	23.61	23.67	25.00
		1	7	23.64	23.71	23.74	25.00
		1	14	23.58	23.61	23.58	25.00
		8	0	23.23	23.20	23.19	24.00
		8	4	23.22	23.26	23.19	24.00
		8	7	23.19	23.26	23.25	24.00
		15	0	23.19	23.15	23.14	24.00
	16QAM	1	0	23.45	23.48	23.59	24.00
		1	7	23.63	23.48	23.59	24.00
		1	14	23.47	23.53	23.44	24.00
		8	0	22.27	22.20	22.27	23.00
		8	4	22.29	22.35	22.28	23.00
		8	7	22.29	22.34	22.28	23.00
	64QAM	1	0	22.25	22.17	22.19	23.00
	64QAM	1	0	21.99	22.05	22.10	23.00

		1	7	22.09	22.14	22.16	23.00
		1	14	22.01	22.01	22.01	23.00
		8	0	21.14	21.12	21.10	22.00
		8	4	21.12	21.16	21.11	22.00
		8	7	21.09	21.18	21.16	22.00
		15	0	21.11	21.07	21.06	22.00
	256QAM	1	0	21.40	21.39	21.52	22.00
		1	7	21.55	21.38	21.54	22.00
		1	14	21.41	21.44	21.35	22.00
		8	0	20.19	20.15	20.19	21.00
		8	4	20.23	20.29	20.20	21.00
		8	7	20.20	20.28	20.19	21.00
		15	0	20.20	20.08	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.69	23.71	23.72	25.00
		1	13	23.73	23.77	23.77	25.00
		1	24	23.66	23.70	23.71	25.00
		12	0	23.24	23.22	23.23	24.00
		12	6	23.25	23.20	23.30	24.00
		12	13	23.25	23.25	23.25	24.00
		25	0	23.24	23.20	23.28	24.00
	16QAM	1	0	23.55	23.65	23.54	24.00
		1	13	23.72	23.72	23.62	24.00
		1	24	23.62	23.59	23.58	24.00
		12	0	22.29	22.23	22.25	23.00
		12	6	22.32	22.28	22.30	23.00
		12	13	22.27	22.27	22.34	23.00
		25	0	22.25	22.22	22.28	23.00
	64QAM	1	0	22.01	22.06	22.07	23.00
		1	13	22.04	22.14	22.19	23.00
		1	24	22.03	22.04	21.99	23.00
		12	0	21.15	21.10	21.11	22.00
		12	6	21.15	21.18	21.13	22.00
		12	13	21.09	21.21	21.20	22.00
		25	0	21.13	21.10	21.04	22.00
	256QAM	1	0	21.38	21.38	21.54	22.00
		1	13	21.56	21.42	21.50	22.00
		1	24	21.39	21.44	21.37	22.00
		12	0	20.19	20.11	20.20	21.00
		12	6	20.24	20.29	20.19	21.00
		12	13	20.24	20.25	20.22	21.00
		25	0	20.20	20.08	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.68	23.68	23.74	25.00
		1	25	23.68	23.79	23.76	25.00
		1	49	23.59	23.66	23.69	25.00
		25	0	23.21	23.24	23.27	24.00
		25	13	23.29	23.22	23.26	24.00
		25	25	23.25	23.29	23.32	24.00

		50	0	23.26	23.23	23.26	24.00
	16QAM	1	0	23.60	23.64	23.68	24.00
		1	25	23.58	23.56	23.58	24.00
		1	49	23.64	23.47	23.64	24.00
		25	0	22.24	22.26	22.29	23.00
		25	13	22.32	22.24	22.27	23.00
		25	25	22.26	22.27	22.32	23.00
		50	0	22.26	22.22	22.25	23.00
	64QAM	1	0	22.03	22.05	22.11	23.00
		1	25	22.04	22.11	22.19	23.00
		1	49	21.99	22.01	22.01	23.00
		25	0	21.15	21.15	21.12	22.00
		25	13	21.16	21.16	21.10	22.00
		25	25	21.10	21.21	21.20	22.00
		50	0	21.13	21.10	21.08	22.00
	256QAM	1	0	21.38	21.42	21.50	22.00
		1	25	21.58	21.43	21.54	22.00
		1	49	21.41	21.45	21.34	22.00
		25	0	20.21	20.11	20.20	21.00
		25	13	20.24	20.29	20.19	21.00
		25	25	20.19	20.24	20.19	21.00
		50	0	20.18	20.11	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.59	23.58	23.61	25.00
		1	38	23.53	23.62	23.60	25.00
		1	74	23.50	23.50	23.53	25.00
		36	0	23.03	23.09	23.12	24.00
		36	18	23.10	23.08	23.17	24.00
		36	39	23.08	23.12	23.10	24.00
		75	0	23.09	23.03	23.16	24.00
	16QAM	1	0	23.42	23.37	23.49	24.00
		1	38	23.45	23.44	23.44	24.00
		1	74	23.34	23.47	23.36	24.00
		36	0	22.04	22.11	22.11	23.00
		36	18	22.18	22.10	22.20	23.00
		36	39	22.08	22.11	22.11	23.00
		75	0	22.12	22.07	22.16	23.00
	64QAM	1	0	22.04	22.03	22.11	23.00
		1	38	22.05	22.12	22.19	23.00
		1	74	21.99	22.06	21.99	23.00
		36	0	21.13	21.10	21.09	22.00
		36	18	21.15	21.19	21.12	22.00
		36	39	21.12	21.18	21.20	22.00
		75	0	21.12	21.08	21.04	22.00
	256QAM	1	0	21.38	21.39	21.53	22.00
		1	38	21.54	21.43	21.49	22.00
		1	74	21.38	21.46	21.39	22.00
		36	0	20.21	20.12	20.21	21.00
		36	18	20.24	20.30	20.22	21.00
		36	39	20.22	20.29	20.21	21.00

Bandwidth	Modulation	75	0	20.18	20.09	20.14	21.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.67	23.58	23.64	25.00
		1	50	23.56	23.59	23.55	25.00
		1	99	23.55	23.62	23.54	25.00
		50	0	23.19	23.08	23.11	24.00
		50	25	23.18	23.09	23.17	24.00
		50	50	23.10	23.11	23.10	24.00
		100	0	23.16	23.04	23.15	24.00
	16QAM	1	0	23.46	23.43	23.50	24.00
		1	50	23.31	23.46	23.39	24.00
		1	99	23.29	23.37	23.42	24.00
		50	0	22.11	22.11	22.13	23.00
		50	25	22.17	22.10	22.19	23.00
		50	50	22.12	22.11	22.13	23.00
		100	0	22.16	22.08	22.18	23.00
	64QAM	1	0	22.03	22.04	22.10	23.00
		1	50	22.04	22.12	22.19	23.00
		1	99	21.99	22.04	22.00	23.00
		50	0	21.14	21.13	21.13	22.00
		50	25	21.13	21.21	21.12	22.00
		50	50	21.13	21.18	21.18	22.00
		100	0	21.12	21.07	21.09	22.00
	256QAM	1	0	21.36	21.38	21.50	22.00
		1	50	21.53	21.41	21.51	22.00
		1	99	21.41	21.47	21.36	22.00
		50	0	20.22	20.14	20.20	21.00
		50	25	20.24	20.27	20.20	21.00
		50	50	20.24	20.26	20.19	21.00
		100	0	20.20	20.10	20.12	21.00

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	14.96	14.98	14.82	16.50
		1	2	15.01	14.91	14.89	16.50
		1	5	15.10	14.84	14.80	16.50
		3	0	15.10	14.88	14.93	16.50
		3	2	15.00	14.96	14.91	16.50
		3	3	15.04	15.02	14.96	16.50
		6	0	15.04	14.95	14.93	16.50
	16QAM	1	0	15.01	15.03	14.91	16.50
		1	2	15.07	15.08	14.97	16.50
		1	5	14.94	15.00	14.91	16.50
		3	0	15.05	14.98	14.91	16.50
		3	2	15.06	14.92	15.01	16.50
		3	3	15.09	14.96	15.01	16.50
		6	0	15.10	14.88	14.82	16.50
	64QAM	1	0	14.95	14.89	14.81	16.50

		1	2	14.77	14.72	14.69	16.50
		1	5	14.60	14.54	14.60	16.50
		3	0	14.79	14.79	14.73	16.50
		3	2	14.82	14.67	14.71	16.50
		3	3	14.70	14.74	14.64	16.50
		6	0	14.79	14.68	14.62	16.50
	256QAM	1	0	15.05	15.01	14.91	16.50
		1	2	14.88	14.81	14.89	16.50
		1	5	14.85	14.90	14.83	16.50
		3	0	14.94	14.91	14.75	16.50
		3	2	15.03	14.82	14.90	16.50
		3	3	14.98	14.90	14.91	16.50
6	0	14.91	14.79	14.78	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.02	14.86	14.83	16.50
		1	7	15.03	14.93	14.83	16.50
		1	14	15.03	14.83	14.88	16.50
		8	0	15.15	14.89	14.82	16.50
		8	4	15.12	14.96	15.03	16.50
		8	7	14.95	14.95	14.86	16.50
	15	0	14.99	14.92	14.96	16.50	
	16QAM	1	0	14.98	15.00	14.94	16.50
		1	7	15.05	15.15	15.05	16.50
		1	14	14.96	15.01	14.91	16.50
		8	0	15.04	14.98	14.91	16.50
		8	4	15.05	14.89	14.98	16.50
		8	7	15.05	14.97	15.00	16.50
	15	0	15.10	14.87	14.87	16.50	
	64QAM	1	0	14.91	14.89	14.82	16.50
		1	7	14.77	14.73	14.68	16.50
		1	14	14.55	14.57	14.62	16.50
		8	0	14.82	14.79	14.74	16.50
		8	4	14.83	14.68	14.72	16.50
		8	7	14.71	14.71	14.66	16.50
	15	0	14.83	14.70	14.64	16.50	
	256QAM	1	0	15.06	14.96	14.95	16.50
		1	7	14.92	14.84	14.88	16.50
		1	14	14.84	14.90	14.86	16.50
8		0	14.97	14.86	14.77	16.50	
8		4	15.04	14.80	14.89	16.50	
8		7	14.97	14.92	14.92	16.50	
15	0	14.88	14.75	14.79	16.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.01	14.93	14.9	16.50
		1	13	15.03	14.94	14.86	16.50
		1	24	15.03	14.88	14.84	16.50
		12	0	15.1	14.9	14.91	16.50
		12	6	15.07	14.9	14.99	16.50
		12	13	15	14.93	14.95	16.50

		25	0	15.03	14.9	14.95	16.50
	16QAM	1	0	15.04	15.03	14.93	16.50
		1	13	15.05	15.1	15	16.50
		1	24	14.93	14.93	14.92	16.50
		12	0	15.06	14.97	14.88	16.50
		12	6	15.05	14.94	15.02	16.50
		12	13	15.06	15.02	15.03	16.50
		25	0	15.1	14.91	14.82	16.50
	64QAM	1	0	14.91	14.91	14.79	16.50
		1	13	14.74	14.74	14.66	16.50
		1	24	14.58	14.58	14.59	16.50
		12	0	14.84	14.80	14.77	16.50
		12	6	14.80	14.68	14.72	16.50
		12	13	14.72	14.73	14.65	16.50
		25	0	14.80	14.71	14.62	16.50
	256QAM	1	0	15.05	14.99	14.90	16.50
		1	13	14.89	14.85	14.85	16.50
		1	24	14.88	14.86	14.84	16.50
		12	0	14.97	14.90	14.78	16.50
		12	6	15.02	14.82	14.89	16.50
		12	13	14.99	14.95	14.91	16.50
		25	0	14.91	14.80	14.79	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	14.98	14.98	14.88	16.50
		1	25	15.05	14.95	14.95	16.50
		1	49	14.88	14.79	14.82	16.50
		25	0	14.98	14.96	14.92	16.50
		25	13	15.06	14.94	14.92	16.50
		25	25	15.03	14.92	14.93	16.50
		50	0	15.03	14.89	14.9	16.50
	16QAM	1	0	14.97	15	14.91	16.50
		1	25	15.03	15.09	15.02	16.50
		1	49	14.92	14.97	14.95	16.50
		25	0	15.03	14.95	14.87	16.50
		25	13	15.07	14.93	15.02	16.50
		25	25	15.07	15	15.03	16.50
		50	0	14.94	14.91	14.89	16.50
	64QAM	1	0	14.92	14.92	14.82	16.50
		1	25	14.76	14.73	14.69	16.50
		1	49	14.59	14.54	14.59	16.50
		25	0	14.80	14.81	14.76	16.50
		25	13	14.80	14.67	14.71	16.50
		25	25	14.72	14.72	14.66	16.50
		50	0	14.82	14.72	14.67	16.50
	256QAM	1	0	15.03	15.01	14.91	16.50
		1	25	14.93	14.85	14.87	16.50
		1	49	14.84	14.85	14.84	16.50
		25	0	14.95	14.90	14.75	16.50
		25	13	15.01	14.82	14.91	16.50
		25	25	14.97	14.90	14.89	16.50

Bandwidth	Modulation	50	0	14.87	14.76	14.82	16.50
		RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.91	14.85	14.87	16.50
		1	38	14.83	14.75	14.79	16.50
		1	74	14.68	14.69	14.62	16.50
		36	0	14.87	14.8	14.84	16.50
		36	18	14.92	14.8	14.79	16.50
		36	39	14.85	14.77	14.8	16.50
		75	0	14.92	14.77	14.84	16.50
	16QAM	1	0	14.99	14.95	14.91	16.50
		1	38	15.09	15.1	15.01	16.50
		1	74	14.97	15.01	14.92	16.50
		36	0	15.02	14.93	14.91	16.50
		36	18	15.07	14.91	15.06	16.50
		36	39	15.05	14.98	15.01	16.50
		75	0	15.11	14.89	14.9	16.50
	64QAM	1	0	14.93	14.89	14.82	16.50
		1	38	14.73	14.73	14.68	16.50
		1	74	14.55	14.56	14.57	16.50
		36	0	14.82	14.77	14.77	16.50
		36	18	14.80	14.65	14.75	16.50
		36	39	14.70	14.73	14.68	16.50
		75	0	14.83	14.67	14.62	16.50
	256QAM	1	0	15.06	14.96	14.92	16.50
		1	38	14.93	14.82	14.87	16.50
		1	74	14.88	14.87	14.84	16.50
		36	0	14.94	14.91	14.76	16.50
		36	18	14.99	14.82	14.88	16.50
		36	39	14.97	14.90	14.92	16.50
		75	0	14.86	14.75	14.79	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	15	14.98	14.89	16.50
		1	50	14.83	14.79	14.74	16.50
		1	99	14.65	14.63	14.67	16.50
		50	0	14.89	14.87	14.82	16.50
		50	25	14.9	14.75	14.8	16.50
		50	50	14.8	14.79	14.74	16.50
		100	0	14.88	14.77	14.72	16.50
	16QAM	1	0	15.11	15.06	15	16.50
		1	50	14.98	14.91	14.95	16.50
		1	99	14.93	14.95	14.93	16.50
		50	0	15.04	14.96	14.84	16.50
		50	25	15.09	14.87	14.98	16.50
		50	50	15.04	15	14.99	16.50
		100	0	14.96	14.85	14.87	16.50
	64QAM	1	0	14.93	14.89	14.83	16.50
		1	50	14.74	14.72	14.67	16.50
		1	99	14.59	14.54	14.61	16.50
		50	0	14.80	14.82	14.75	16.50

		50	25	14.83	14.66	14.73	16.50
		50	50	14.70	14.70	14.64	16.50
		100	0	14.78	14.72	14.63	16.50
	256QAM	1	0	15.06	15.01	14.93	16.50
		1	50	14.90	14.82	14.87	16.50
		1	99	14.88	14.89	14.87	16.50
		50	0	14.99	14.91	14.79	16.50
		50	25	15.00	14.81	14.91	16.50
		50	50	14.95	14.95	14.91	16.50
		100	0	14.86	14.76	14.80	16.50

LTE Band 4 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.52	22.44	22.36	23.00
		1	2	22.53	22.39	22.47	23.00
		1	5	22.53	22.31	22.28	23.00
		3	0	22.63	22.41	22.39	23.00
		3	2	22.63	22.35	22.37	23.00
		3	3	22.54	22.46	22.44	23.00
		6	0	22.55	22.38	22.45	23.00
	16QAM	1	0	22.49	22.40	22.39	23.00
		1	2	22.49	22.30	22.27	23.00
		1	5	22.23	22.20	22.07	23.00
		3	0	22.34	22.31	22.34	23.00
		3	2	22.38	22.24	22.27	23.00
		3	3	22.26	22.21	22.26	23.00
		6	0	22.40	22.21	22.22	23.00
	64QAM	1	0	21.45	21.53	21.59	23.00
		1	2	21.52	21.61	21.67	23.00
		1	5	21.40	21.53	21.52	23.00
		3	0	21.51	21.55	21.54	22.00
		3	2	21.50	21.60	21.55	22.00
		3	3	21.54	21.61	21.61	22.00
		6	0	21.05	21.08	21.06	22.00
	256QAM	1	0	21.33	21.39	21.53	22.00
		1	2	21.48	21.41	21.50	22.00
		1	5	21.29	21.43	21.37	22.00
		3	0	20.41	20.43	20.47	21.00
		3	2	20.48	20.58	20.51	21.00
		3	3	20.47	20.55	20.53	21.00
		6	0	20.08	20.12	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.47	22.39	22.33	23.00
		1	7	22.56	22.42	22.38	23.00
		1	14	22.41	22.41	22.31	23.00
		8	0	22.60	22.38	22.45	23.00
		8	4	22.54	22.43	22.49	23.00
		8	7	22.57	22.38	22.44	23.00

		15	0	22.48	22.32	22.47	23.00
	16QAM	1	0	22.46	22.40	22.43	23.00
		1	7	22.49	22.28	22.28	23.00
		1	14	22.23	22.17	22.03	23.00
		8	0	22.34	22.33	22.31	23.00
		8	4	22.37	22.21	22.24	23.00
		8	7	22.28	22.21	22.23	23.00
		15	0	22.40	22.24	22.23	23.00
	64QAM	1	0	22.01	22.02	22.12	23.00
		1	7	22.09	22.14	22.14	23.00
		1	14	21.98	22.03	22.00	23.00
		8	0	21.18	21.11	21.13	22.00
		8	4	21.12	21.21	21.10	22.00
		8	7	21.10	21.16	21.17	22.00
		15	0	21.11	21.07	21.08	22.00
	256QAM	1	0	21.38	21.39	21.52	22.00
		1	7	21.56	21.40	21.51	22.00
		1	14	21.41	21.45	21.39	22.00
		8	0	20.20	20.12	20.21	21.00
		8	4	20.21	20.30	20.21	21.00
		8	7	20.22	20.24	20.20	21.00
		15	0	20.16	20.10	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.53	22.39	22.38	23.00
		1	13	22.55	22.44	22.45	23.00
		1	24	22.48	22.38	22.3	23.00
		12	0	22.58	22.43	22.38	23.00
		12	6	22.56	22.41	22.44	23.00
		12	13	22.52	22.43	22.38	23.00
		25	0	22.53	22.39	22.42	23.00
	16QAM	1	0	22.44	22.4	22.41	23.00
		1	13	22.46	22.31	22.25	23.00
		1	24	22.18	22.18	22.05	23.00
		12	0	22.39	22.34	22.3	23.00
		12	6	22.34	22.21	22.23	23.00
		12	13	22.3	22.23	22.26	23.00
		25	0	22.39	22.25	22.2	23.00
	64QAM	1	0	22.02	22.02	22.07	23.00
		1	13	22.08	22.13	22.16	23.00
		1	24	22.00	22.02	22.03	23.00
		12	0	21.15	21.10	21.12	22.00
		12	6	21.14	21.17	21.13	22.00
		12	13	21.12	21.21	21.19	22.00
		25	0	21.12	21.07	21.06	22.00
	256QAM	1	0	21.38	21.39	21.51	22.00
		1	13	21.55	21.41	21.50	22.00
		1	24	21.39	21.48	21.34	22.00
		12	0	20.19	20.15	20.21	21.00
		12	6	20.23	20.28	20.20	21.00
		12	13	20.19	20.29	20.21	21.00

		25	0	20.20	20.10	20.11	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.51	22.44	22.43	23.00
		1	25	22.49	22.41	22.37	23.00
		1	49	22.37	22.29	22.3	23.00
		25	0	22.53	22.45	22.43	23.00
		25	13	22.58	22.42	22.4	23.00
		25	25	22.52	22.43	22.42	23.00
		50	0	22.57	22.37	22.39	23.00
	16QAM	1	0	22.47	22.4	22.4	23.00
		1	25	22.49	22.31	22.29	23.00
		1	49	22.22	22.18	22.06	23.00
		25	0	22.38	22.35	22.3	23.00
		25	13	22.39	22.21	22.27	23.00
		25	25	22.25	22.24	22.25	23.00
		50	0	22.37	22.22	22.21	23.00
	64QAM	1	0	21.99	22.03	22.09	23.00
		1	25	22.09	22.14	22.15	23.00
		1	49	21.99	22.03	22.03	23.00
		25	0	21.15	21.15	21.11	22.00
		25	13	21.12	21.18	21.11	22.00
		25	25	21.11	21.21	21.17	22.00
		50	0	21.09	21.08	21.09	22.00
	256QAM	1	0	21.40	21.42	21.49	22.00
		1	25	21.55	21.39	21.51	22.00
		1	49	21.39	21.46	21.38	22.00
		25	0	20.20	20.14	20.21	21.00
		25	13	20.21	20.30	20.23	21.00
		25	25	20.19	20.27	20.19	21.00
		50	0	20.17	20.08	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.43	22.33	22.36	23.00
		1	38	22.31	22.26	22.25	23.00
		1	74	22.17	22.16	22.18	23.00
		36	0	22.38	22.28	22.33	23.00
		36	18	22.41	22.21	22.31	23.00
		36	39	22.31	22.27	22.29	23.00
		75	0	22.34	22.22	22.34	23.00
	16QAM	1	0	22.48	22.39	22.4	23.00
		1	38	22.47	22.33	22.28	23.00
		1	74	22.19	22.18	22.02	23.00
		36	0	22.35	22.31	22.33	23.00
		36	18	22.35	22.22	22.27	23.00
		36	39	22.27	22.23	22.22	23.00
		75	0	22.36	22.22	22.22	23.00
	64QAM	1	0	22.02	22.02	22.12	23.00
		1	38	22.04	22.14	22.19	23.00
		1	74	21.98	22.03	21.99	23.00
		36	0	21.15	21.10	21.11	22.00

		36	18	21.12	21.16	21.09	22.00
		36	39	21.13	21.16	21.15	22.00
		75	0	21.09	21.10	21.08	22.00
	256QAM	1	0	21.39	21.38	21.52	22.00
		1	38	21.56	21.38	21.50	22.00
		1	74	21.40	21.47	21.39	22.00
		36	0	20.18	20.12	20.22	21.00
		36	18	20.22	20.30	20.22	21.00
		36	39	20.19	20.26	20.21	21.00
		75	0	20.19	20.10	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.61	22.5	22.59	23.00
		1	50	22.36	22.25	22.27	23.00
		1	99	22.3	22.14	22.1	23.00
		50	0	22.39	22.35	22.34	23.00
		50	25	22.59	22.49	22.58	23.00
		50	50	22.29	22.22	22.2	23.00
		100	0	22.37	22.22	22.29	23.00
	16QAM	1	0	22.45	22.42	22.42	23.00
		1	50	22.47	22.33	22.25	23.00
		1	99	22.18	22.17	22.07	23.00
		50	0	22.35	22.32	22.31	23.00
		50	25	22.38	22.21	22.24	23.00
		50	50	22.27	22.22	22.21	23.00
		100	0	22.38	22.23	22.21	23.00
	64QAM	1	0	22.02	22.05	22.08	23.00
		1	50	22.05	22.12	22.17	23.00
		1	99	22.00	22.01	22.01	23.00
		50	0	21.15	21.15	21.11	22.00
		50	25	21.13	21.20	21.12	22.00
		50	50	21.11	21.20	21.16	22.00
		100	0	21.14	21.06	21.09	22.00
	256QAM	1	0	21.35	21.43	21.51	22.00
		1	50	21.56	21.39	21.49	22.00
		1	99	21.39	21.46	21.36	22.00
		50	0	20.18	20.10	20.18	21.00
		50	25	20.20	20.30	20.19	21.00
		50	50	20.21	20.26	20.22	21.00
		100	0	20.15	20.11	20.10	21.00

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	11.75	11.91	12.06	13.50
		1	13	11.93	12.06	12.16	13.50
		1	24	12.15	12.35	12.20	13.50
		12	0	11.93	12.26	12.35	13.50
		12	6	12.06	12.26	12.20	13.50

		12	13	12.01	12.47	12.30	13.50	
		25	0	12.25	12.14	12.26	13.50	
	16QAM	1	0	11.84	12.16	12.22	13.50	
		1	13	12.34	12.05	12.24	13.50	
		1	24	12.11	12.25	12.26	13.50	
		12	0	11.77	12.10	11.90	13.50	
		12	6	11.79	11.91	11.92	13.50	
		12	13	11.97	12.33	12.22	13.50	
		25	0	11.85	11.93	12.07	13.50	
	64QAM	1	0	11.75	11.86	11.99	13.50	
		1	13	11.87	12.08	12.06	13.50	
		1	24	12.02	12.29	12.19	13.50	
		12	0	11.88	12.10	12.18	13.50	
		12	6	12.01	12.14	12.24	13.50	
		12	13	12.06	12.26	12.24	13.50	
	256QAM	25	0	12.02	12.04	12.21	13.50	
		1	0	11.91	11.94	12.19	13.50	
		1	13	12.10	12.10	12.11	13.50	
		1	24	11.97	12.05	12.17	13.50	
		12	0	11.77	11.88	11.89	13.50	
		12	6	11.79	11.91	11.95	13.50	
		12	13	11.84	12.04	12.10	13.50	
	25	0	11.77	11.92	12.02	13.50		
	<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>
					20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	11.97	12.12	11.94	13.50	
		1	25	11.98	11.99	12.25	13.50	
		1	49	11.98	12.35	12.26	13.50	
		25	0	12.11	12.29	12.06	13.50	
		25	13	12.32	12.11	12.51	13.50	
		25	25	12.25	12.13	12.36	13.50	
		50	0	12.05	12.10	12.25	13.50	
	16QAM	1	0	11.84	11.91	12.40	13.50	
		1	25	12.28	12.25	12.25	13.50	
		1	49	11.92	12.05	12.22	13.50	
		25	0	11.74	11.94	12.06	13.50	
		25	13	11.84	11.91	11.91	13.50	
		25	25	11.95	12.10	12.15	13.50	
		50	0	11.83	11.79	11.88	13.50	
	64QAM	1	0	11.79	11.90	12.02	13.50	
		1	25	11.85	12.10	12.07	13.50	
		1	49	12.03	12.32	12.22	13.50	
		25	0	11.89	12.13	12.20	13.50	
		25	13	12.02	12.15	12.24	13.50	
		25	25	12.03	12.26	12.25	13.50	
		50	0	12.05	12.06	12.17	13.50	
	256QAM	1	0	11.93	11.95	12.18	13.50	
		1	25	12.13	12.07	12.13	13.50	
		1	49	12.02	12.02	12.18	13.50	
		25	0	11.77	11.88	11.88	13.50	
25		13	11.79	11.86	11.95	13.50		

Bandwidth	Modulation	25	25	11.84	12.01	12.05	13.50	
		50	0	11.77	11.88	12.01	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	11.95	12.06	11.90	13.50	
		1	38	11.95	12.02	12.25	13.50	
		1	74	11.93	12.33	12.19	13.50	
		36	0	12.05	12.27	12.11	13.50	
		36	18	12.26	12.12	12.43	13.50	
		36	39	12.31	12.14	12.34	13.50	
		75	0	12.07	12.10	12.24	13.50	
	16QAM	1	0	11.88	11.91	12.41	13.50	
		1	38	12.27	12.23	12.30	13.50	
		1	74	11.96	12.09	12.17	13.50	
		36	0	11.71	11.90	12.07	13.50	
		36	18	11.88	11.94	11.93	13.50	
		36	39	11.91	12.11	12.19	13.50	
		75	0	11.83	11.87	11.91	13.50	
	64QAM	1	0	11.78	11.91	11.98	13.50	
		1	38	11.87	12.09	12.07	13.50	
		1	74	12.03	12.31	12.23	13.50	
		36	0	11.89	12.13	12.16	13.50	
		36	18	12.02	12.13	12.28	13.50	
		36	39	12.04	12.24	12.20	13.50	
		75	0	12.06	12.04	12.20	13.50	
	256QAM	1	0	11.94	11.92	12.17	13.50	
		1	38	12.14	12.12	12.13	13.50	
		1	74	12.00	12.07	12.19	13.50	
		36	0	11.77	11.88	11.90	13.50	
		36	18	11.77	11.88	11.99	13.50	
		36	39	11.79	12.03	12.07	13.50	
		75	0	11.76	11.91	12.00	13.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
20MHz	QPSK	1	0	11.84	11.96	12.07	13.50	
		1	50	11.93	12.17	12.13	13.50	
		1	99	12.11	12.37	12.28	13.50	
		50	0	11.95	12.18	12.25	13.50	
		50	25	12.09	12.22	12.33	13.50	
		50	50	12.12	12.34	12.30	13.50	
		100	0	12.11	12.12	12.27	13.50	
	16QAM	1	0	12.01	12.01	12.25	13.50	
		1	50	12.20	12.17	12.19	13.50	
		1	99	12.07	12.12	12.24	13.50	
		50	0	11.84	11.98	11.96	13.50	
		50	25	11.85	11.96	12.04	13.50	
		50	50	11.89	12.09	12.15	13.50	
		100	0	11.84	11.98	12.08	13.50	
	64QAM	1	0	11.75	11.87	12.01	13.50	
		1	50	11.86	12.08	12.06	13.50	
		1	99	12.02	12.30	12.23	13.50	

		50	0	11.87	12.10	12.17	13.50
		50	25	11.99	12.14	12.25	13.50
		50	50	12.02	12.26	12.23	13.50
		100	0	12.04	12.06	12.21	13.50
	256QAM	1	0	11.92	11.93	12.20	13.50
		1	50	12.14	12.09	12.10	13.50
		1	99	11.99	12.07	12.14	13.50
		50	0	11.77	11.91	11.87	13.50
		50	25	11.79	11.87	11.96	13.50
		50	50	11.79	12.04	12.09	13.50
		100	0	11.76	11.89	12.03	13.50

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	16.96	16.99	17.02	18.50
		1	13	17.01	17.21	17.10	18.50
		1	24	16.89	17.14	17.56	18.50
		12	0	17.07	17.19	17.06	18.50
		12	6	17.11	17.03	17.41	18.50
		12	13	17.14	17.18	17.30	18.50
		25	0	17.11	17.31	17.33	18.50
	16QAM	1	0	16.93	17.17	16.96	18.50
		1	13	16.88	17.40	17.36	18.50
		1	24	17.05	17.26	17.35	18.50
		12	0	16.75	16.81	17.02	18.50
		12	6	16.92	17.16	16.93	18.50
		12	13	16.90	17.01	17.27	18.50
		25	0	17.02	16.85	16.96	18.50
	64QAM	1	0	16.88	16.94	16.95	18.50
		1	13	16.91	17.13	17.00	18.50
		1	24	16.81	17.09	17.47	18.50
		12	0	17.00	17.11	17.00	18.50
		12	6	17.04	16.97	17.34	18.50
		12	13	17.08	17.13	17.23	18.50
		25	0	17.01	17.22	17.24	18.50
	256QAM	1	0	16.86	17.11	16.90	18.50
		1	13	16.79	17.32	17.30	18.50
		1	24	16.95	17.18	17.28	18.50
		12	0	16.65	16.72	16.93	18.50
		12	6	16.84	17.08	16.86	18.50
		12	13	16.81	16.95	17.20	18.50
		25	0	16.97	16.79	16.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	16.80	16.91	17.12	18.50
		1	25	17.00	17.10	17.08	18.50
		1	49	17.09	17.01	17.46	18.50
		25	0	16.93	17.09	17.13	18.50
		25	13	17.04	17.03	17.26	18.50

		25	25	17.22	17.16	17.21	18.50	
		50	0	17.01	17.24	17.23	18.50	
	16QAM	1	0	17.01	17.10	17.26	18.50	
		1	25	16.93	17.18	17.54	18.50	
		1	49	17.20	17.22	17.45	18.50	
		25	0	16.68	17.04	16.92	18.50	
		25	13	16.71	16.99	16.92	18.50	
		25	25	16.87	16.98	17.08	18.50	
		50	0	16.77	17.06	17.10	18.50	
		64QAM	1	0	16.86	16.94	16.92	18.50
	1		25	16.93	17.15	17.03	18.50	
	1		49	16.82	17.08	17.47	18.50	
	25		0	16.97	17.09	16.96	18.50	
	25		13	17.06	16.98	17.31	18.50	
	25		25	17.04	17.10	17.24	18.50	
	50		0	17.03	17.22	17.27	18.50	
	256QAM	1	0	16.85	17.12	16.91	18.50	
		1	25	16.81	17.35	17.26	18.50	
		1	49	16.97	17.20	17.28	18.50	
		25	0	16.69	16.74	16.92	18.50	
		25	13	16.87	17.10	16.87	18.50	
		25	25	16.80	16.93	17.17	18.50	
		50	0	16.95	16.76	16.90	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	16.81	16.91	17.03	18.50
			1	38	16.94	16.98	17.16	18.50
			1	74	16.82	17.10	17.52	18.50
36			0	17.01	17.15	17.20	18.50	
36			18	16.99	17.03	17.56	18.50	
36			39	17.18	17.16	17.35	18.50	
75			0	17.10	17.22	17.28	18.50	
16QAM		1	0	16.77	17.24	16.97	18.50	
		1	38	16.96	17.33	17.34	18.50	
		1	74	17.02	17.42	17.31	18.50	
		36	0	16.83	17.04	16.93	18.50	
		36	18	16.82	17.07	17.02	18.50	
		36	39	16.74	17.13	17.11	18.50	
		75	0	16.77	16.85	16.92	18.50	
64QAM		1	0	16.90	16.93	16.96	18.50	
		1	38	16.94	17.14	17.00	18.50	
		1	74	16.82	17.07	17.49	18.50	
		36	0	17.02	17.10	17.00	18.50	
		36	18	17.02	16.96	17.32	18.50	
		36	39	17.05	17.10	17.25	18.50	
		75	0	17.01	17.22	17.28	18.50	
256QAM		1	0	16.87	17.12	16.88	18.50	
		1	38	16.80	17.31	17.28	18.50	
		1	74	16.97	17.18	17.29	18.50	
		36	0	16.69	16.76	16.97	18.50	
		36	18	16.84	17.06	16.86	18.50	

Bandwidth	Modulation	36	39	16.83	16.95	17.19	18.50
		75	0	16.96	16.79	16.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.81	16.95	17.02	18.50
		1	50	16.95	17.12	17.22	18.50
		1	99	17.23	17.55	17.45	18.50
		50	0	16.92	17.07	17.18	18.50
		50	25	17.04	17.16	17.41	18.50
		50	50	17.09	17.25	17.30	18.50
		100	0	17.05	17.16	17.21	18.50
	16QAM	1	0	16.92	17.16	17.11	18.50
		1	50	17.01	17.26	17.43	18.50
		1	99	17.15	17.37	17.41	18.50
		50	0	16.69	16.90	16.97	18.50
		50	25	16.86	17.02	17.03	18.50
		50	50	16.88	17.06	17.21	18.50
		100	0	16.87	17.00	17.05	18.50
	64QAM	1	0	16.88	16.94	16.94	18.50
		1	50	16.95	17.12	17.04	18.50
		1	99	16.79	17.05	17.46	18.50
		50	0	17.01	17.14	16.97	18.50
		50	25	17.04	16.96	17.32	18.50
		50	50	17.05	17.13	17.20	18.50
		100	0	17.05	17.23	17.28	18.50
	256QAM	1	0	16.86	17.11	16.89	18.50
		1	50	16.82	17.31	17.30	18.50
		1	99	16.97	17.19	17.27	18.50
		50	0	16.68	16.73	16.97	18.50
		50	25	16.82	17.07	16.85	18.50
		50	50	16.84	16.93	17.22	18.50
		100	0	16.96	16.80	16.91	18.50

LTE Band 7 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.04	21.04	21.11	22.50
		1	13	21.10	21.29	21.18	22.50
		1	24	20.99	21.21	21.62	22.50
		12	0	21.12	21.28	21.16	22.50
		12	6	21.21	21.11	21.48	22.50
		12	13	21.23	21.28	21.35	22.50
		25	0	21.19	21.40	21.40	22.50
	16QAM	1	0	21.02	21.22	21.02	22.50
		1	13	20.98	21.49	21.46	22.50
		1	24	21.15	21.36	21.42	22.50
		12	0	20.84	20.86	21.09	22.50
		12	6	21.00	21.22	21.03	22.50
		12	13	20.98	21.07	21.37	22.50
		25	0	21.09	20.95	21.02	22.50

		1	0	21.26	21.27	21.54	22.50
		1	13	21.24	21.52	21.43	22.50
		1	24	21.59	21.67	21.69	22.50
	64QAM	12	0	20.34	20.41	20.48	21.50
		12	6	20.53	20.55	20.48	21.50
		12	13	20.39	20.54	20.50	21.50
		25	0	20.42	20.56	20.42	21.50
		1	0	20.54	20.79	20.47	21.50
	256QAM	1	13	20.86	20.87	20.97	21.50
		1	24	20.79	20.73	20.80	21.50
		12	0	19.26	19.45	19.50	20.50
		12	6	19.49	19.68	19.58	20.50
		12	13	19.59	19.58	19.75	20.50
		25	0	19.63	19.48	19.62	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.87	20.99	21.18	22.50
		1	25	21.07	21.19	21.17	22.50
		1	49	21.19	21.10	21.54	22.50
		25	0	20.99	21.18	21.20	22.50
		25	13	21.09	21.08	21.31	22.50
		25	25	21.30	21.25	21.28	22.50
		50	0	21.08	21.29	21.29	22.50
	16QAM	1	0	21.08	21.18	21.36	22.50
		1	25	20.98	21.26	21.63	22.50
		1	49	21.26	21.28	21.54	22.50
		25	0	20.76	21.10	20.98	22.50
		25	13	20.78	21.08	21.01	22.50
		25	25	20.93	21.06	21.17	22.50
		50	0	20.87	21.15	21.15	22.50
	64QAM	1	0	21.16	21.15	21.47	22.50
		1	25	21.17	21.37	21.33	22.50
		1	49	21.47	21.57	21.62	22.50
		25	0	20.39	20.39	20.48	21.50
		25	13	20.54	20.51	20.52	21.50
		25	25	20.38	20.58	20.54	21.50
		50	0	20.45	20.57	20.45	21.50
	256QAM	1	0	20.56	20.79	20.42	21.50
		1	25	20.87	20.87	20.97	21.50
		1	49	20.79	20.69	20.78	21.50
		25	0	19.26	19.47	19.53	20.50
		25	13	19.49	19.63	19.54	20.50
		25	25	19.59	19.57	19.75	20.50
		50	0	19.61	19.51	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.90	21.00	21.09	22.50
		1	38	21.01	21.05	21.21	22.50
		1	74	20.87	21.17	21.61	22.50
		36	0	21.06	21.25	21.25	22.50
		36	18	21.05	21.12	21.65	22.50

		36	39	21.26	21.23	21.42	22.50	
		75	0	21.19	21.32	21.33	22.50	
	16QAM	1	0	20.82	21.34	21.04	22.50	
		1	38	21.05	21.38	21.44	22.50	
		1	74	21.08	21.49	21.41	22.50	
		36	0	20.89	21.10	21.00	22.50	
		36	18	20.88	21.14	21.12	22.50	
		36	39	20.82	21.22	21.16	22.50	
		75	0	20.82	20.94	21.01	22.50	
		64QAM	1	0	21.13	21.17	21.45	22.50
	1		38	21.17	21.41	21.35	22.50	
	1		74	21.47	21.56	21.61	22.50	
	36		0	20.34	20.37	20.48	21.50	
	36		18	20.57	20.52	20.50	21.50	
	36		39	20.34	20.56	20.51	21.50	
	75		0	20.44	20.59	20.46	21.50	
	256QAM	1	0	20.56	20.82	20.44	21.50	
		1	38	20.86	20.88	20.93	21.50	
		1	74	20.81	20.72	20.80	21.50	
		36	0	19.29	19.42	19.52	20.50	
		36	18	19.52	19.65	19.54	20.50	
		36	39	19.56	19.61	19.71	20.50	
		75	0	19.65	19.51	19.59	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>
					20850	21100	21350	
	<b>20MHz</b>	QPSK	1	0	20.89	21.05	21.12	22.50
			1	50	21.03	21.21	21.31	22.50
			1	99	21.32	21.62	21.50	22.50
50			0	21.00	21.15	21.28	22.50	
50			25	21.09	21.23	21.48	22.50	
50			50	21.14	21.32	21.37	22.50	
100			0	21.10	21.24	21.30	22.50	
16QAM		1	0	20.98	21.26	21.17	22.50	
		1	50	21.09	21.36	21.49	22.50	
		1	99	21.25	21.42	21.50	22.50	
		50	0	20.77	20.97	21.05	22.50	
		50	25	20.93	21.08	21.13	22.50	
		50	50	20.97	21.11	21.30	22.50	
		100	0	20.95	21.07	21.12	22.50	
64QAM		1	0	21.11	21.17	21.48	22.50	
		1	50	21.15	21.39	21.31	22.50	
		1	99	21.47	21.58	21.61	22.50	
		50	0	20.34	20.36	20.49	21.50	
		50	25	20.54	20.52	20.52	21.50	
		50	50	20.37	20.56	20.53	21.50	
		100	0	20.44	20.60	20.44	21.50	
256QAM		1	0	20.56	20.80	20.45	21.50	
		1	50	20.86	20.85	20.97	21.50	
		1	99	20.80	20.71	20.80	21.50	
		50	0	19.29	19.46	19.55	20.50	
		50	25	19.53	19.65	19.59	20.50	

		50	50	19.59	19.58	19.71	20.50
		100	0	19.63	19.52	19.62	20.50

LTE Band 38 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.65	22.51	22.55	24.50
		1	13	22.65	22.68	22.63	24.50
		1	24	22.66	22.70	22.65	24.50
		12	0	22.09	22.10	22.22	23.50
		12	6	22.26	22.16	22.23	23.50
		12	13	22.19	22.13	22.10	23.50
		25	0	22.17	22.19	22.19	23.50
	16QAM	1	0	22.10	22.05	22.12	23.50
		1	13	22.15	22.20	22.40	23.50
		1	24	22.21	22.36	22.13	23.50
		12	0	21.11	21.04	21.10	22.50
		12	6	21.05	21.13	21.27	22.50
		12	13	21.07	21.11	21.16	22.50
		25	0	21.14	21.17	21.09	22.50
	64QAM	1	0	20.98	20.84	20.87	22.50
		1	13	20.98	21.03	20.97	22.50
		1	24	20.97	21.00	20.99	22.50
		12	0	20.04	20.01	20.14	21.50
		12	6	20.19	20.08	20.14	21.50
		12	13	20.12	20.06	20.01	21.50
		25	0	20.07	20.11	20.13	21.50
	256QAM	1	0	20.03	19.97	20.02	21.50
		1	13	20.10	20.11	20.34	21.50
		1	24	20.14	20.31	20.03	21.50
		12	0	19.06	18.98	19.02	20.50
		12	6	18.99	19.04	19.19	20.50
		12	13	18.98	19.01	19.10	20.50
		25	0	19.05	19.08	19.02	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.66	22.54	22.59	24.50
		1	25	22.74	22.60	22.69	24.50
		1	49	22.67	22.65	22.68	24.50
		25	0	22.01	22.06	22.16	23.50
		25	13	22.20	22.19	22.13	23.50
		25	25	22.11	22.17	22.24	23.50
		50	0	22.09	22.12	22.12	23.50
	16QAM	1	0	22.01	22.10	22.23	23.50
		1	25	22.21	22.20	22.42	23.50
		1	49	22.22	22.27	22.14	23.50
		25	0	21.09	21.02	21.27	22.50
		25	13	21.09	21.17	21.14	22.50
		25	25	21.18	21.22	21.24	22.50
		50	0	21.16	21.03	21.18	22.50

		1	0	20.96	20.83	20.88	22.50
		1	25	20.99	21.00	20.97	22.50
		1	49	20.97	21.03	21.00	22.50
	64QAM	25	0	20.02	20.02	20.14	21.50
		25	13	20.16	20.11	20.16	21.50
		25	25	20.10	20.06	20.02	21.50
		50	0	20.12	20.14	20.11	21.50
		1	0	20.02	20.00	20.07	21.50
	256QAM	1	25	20.08	20.12	20.33	21.50
		1	49	20.13	20.27	20.04	21.50
		25	0	19.01	18.96	19.03	20.50
		25	13	18.95	19.03	19.22	20.50
		25	25	19.00	19.06	19.10	20.50
		50	0	19.04	19.11	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.63	22.58	22.64	24.50
		1	38	22.74	22.71	22.74	24.50
		1	74	22.57	22.66	22.60	24.50
		36	0	22.05	22.18	22.23	23.50
		36	18	22.25	22.12	22.16	23.50
		36	39	22.25	22.19	22.13	23.50
		75	0	22.05	22.15	22.23	23.50
	16QAM	1	0	22.11	22.08	22.15	23.50
		1	38	22.10	22.18	22.41	23.50
		1	74	22.22	22.31	22.07	23.50
		36	0	20.95	21.14	21.25	22.50
		36	18	21.18	21.14	21.12	22.50
		36	39	21.09	21.18	21.13	22.50
		75	0	21.07	21.09	21.09	22.50
	64QAM	1	0	20.97	20.82	20.85	22.50
		1	38	20.99	21.00	20.95	22.50
		1	74	20.98	21.03	20.95	22.50
		36	0	20.02	20.00	20.14	21.50
		36	18	20.19	20.11	20.17	21.50
		36	39	20.10	20.08	20.00	21.50
		75	0	20.07	20.09	20.10	21.50
	256QAM	1	0	20.01	19.98	20.05	21.50
		1	38	20.08	20.12	20.35	21.50
		1	74	20.11	20.30	20.08	21.50
		36	0	19.06	18.98	19.00	20.50
		36	18	18.97	19.04	19.17	20.50
		36	39	19.00	19.02	19.07	20.50
		75	0	19.07	19.07	19.04	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.70	22.65	22.69	24.50
		1	50	22.80	22.75	22.82	24.50
		1	99	22.74	22.73	22.75	24.50
		50	0	22.17	22.22	22.27	23.50
		50	25	22.28	22.26	22.28	23.50

		50	50	22.28	22.29	22.27	23.50
		100	0	22.23	22.22	22.28	23.50
	16QAM	1	0	22.19	22.21	22.31	23.50
		1	50	22.28	22.38	22.59	23.50
		1	99	22.28	22.39	22.23	23.50
		50	0	21.14	21.20	21.30	22.50
		50	25	21.24	21.27	21.30	22.50
		50	50	21.25	21.31	21.30	22.50
		100	0	21.22	21.22	21.26	22.50
		64QAM	1	0	20.97	20.85	20.90
	1		50	20.99	21.02	20.98	22.50
	1		99	20.96	21.05	20.95	22.50
	50		0	20.01	20.00	20.17	21.50
	50		25	20.20	20.09	20.16	21.50
	50		50	20.13	20.05	20.01	21.50
	100		0	20.10	20.10	20.10	21.50
	256QAM	1	0	20.00	19.97	20.07	21.50
		1	50	20.07	20.10	20.34	21.50
		1	99	20.12	20.31	20.06	21.50
		50	0	19.01	18.97	19.02	20.50
		50	25	18.96	19.05	19.18	20.50
		50	50	19.02	19.01	19.11	20.50
		100	0	19.08	19.08	19.02	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	14.78	14.98	14.87	16.00
		1	13	14.65	14.84	14.76	16.00
		1	24	14.73	14.73	14.80	16.00
		12	0	14.59	14.80	14.72	16.00
		12	6	14.82	14.73	14.81	16.00
		12	13	14.64	14.88	14.79	16.00
		25	0	14.94	14.70	14.73	16.00
	16QAM	1	0	14.81	14.53	14.56	16.00
		1	13	14.59	14.77	14.87	16.00
		1	24	14.45	14.44	14.58	16.00
		12	0	14.59	14.54	14.74	16.00
		12	6	14.61	14.68	14.66	16.00
		12	13	14.71	14.56	14.71	16.00
		25	0	14.46	14.70	14.75	16.00
	64QAM	1	0	14.69	14.91	14.78	16.00
		1	13	14.60	14.78	14.69	16.00
		1	24	14.68	14.65	14.73	16.00
		12	0	14.49	14.75	14.65	16.00
		12	6	14.74	14.64	14.71	16.00
		12	13	14.57	14.83	14.69	16.00
		25	0	14.87	14.64	14.68	16.00
	256QAM	1	0	14.75	14.43	14.49	16.00
		1	13	14.51	14.68	14.78	16.00

		1	24	14.35	14.39	14.53	16.00
		12	0	14.53	14.46	14.67	16.00
		12	6	14.53	14.59	14.58	16.00
		12	13	14.64	14.47	14.65	16.00
		25	0	14.40	14.64	14.69	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	14.61	14.89	14.95	16.00
		1	25	14.74	14.85	14.85	16.00
		1	49	14.61	14.89	14.82	16.00
		25	0	14.83	14.65	14.65	16.00
		25	13	14.58	14.77	14.99	16.00
		25	25	14.86	14.68	14.70	16.00
		50	0	14.72	14.67	14.98	16.00
	16QAM	1	0	14.80	14.52	14.68	16.00
		1	25	14.76	14.87	14.94	16.00
		1	49	14.46	14.66	14.48	16.00
		25	0	14.57	14.54	14.61	16.00
		25	13	14.49	14.55	14.69	16.00
		25	25	14.60	14.76	14.67	16.00
		50	0	14.60	14.45	14.79	16.00
	64QAM	1	0	14.70	14.89	14.82	16.00
		1	25	14.55	14.75	14.69	16.00
		1	49	14.65	14.65	14.74	16.00
		25	0	14.53	14.73	14.66	16.00
		25	13	14.72	14.66	14.75	16.00
		25	25	14.55	14.80	14.70	16.00
		50	0	14.88	14.61	14.63	16.00
	256QAM	1	0	14.71	14.47	14.46	16.00
		1	25	14.53	14.69	14.77	16.00
		1	49	14.40	14.36	14.49	16.00
		25	0	14.49	14.46	14.64	16.00
		25	13	14.56	14.63	14.59	16.00
		25	25	14.62	14.47	14.63	16.00
		50	0	14.36	14.61	14.70	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	14.86	14.89	14.98	16.00
		1	38	14.83	14.82	14.78	16.00
		1	74	14.89	14.71	14.66	16.00
		36	0	14.55	14.65	14.81	16.00
		36	18	14.63	14.70	14.96	16.00
		36	39	14.73	14.75	14.79	16.00
		75	0	14.62	14.83	14.89	16.00
	16QAM	1	0	14.75	14.62	14.78	16.00
		1	38	14.60	14.64	14.73	16.00
		1	74	14.41	14.58	14.47	16.00
		36	0	14.60	14.49	14.68	16.00
		36	18	14.64	14.67	14.83	16.00
		36	39	14.51	14.80	14.84	16.00
		75	0	14.40	14.45	14.50	16.00

	64QAM	1	0	14.70	14.92	14.78	16.00
		1	38	14.58	14.75	14.71	16.00
		1	74	14.63	14.64	14.72	16.00
		36	0	14.53	14.73	14.64	16.00
		36	18	14.74	14.65	14.75	16.00
		36	39	14.58	14.78	14.70	16.00
		75	0	14.89	14.63	14.65	16.00
	256QAM	1	0	14.73	14.44	14.47	16.00
		1	38	14.52	14.68	14.82	16.00
		1	74	14.36	14.39	14.50	16.00
		36	0	14.51	14.45	14.67	16.00
		36	18	14.54	14.61	14.61	16.00
		36	39	14.65	14.51	14.65	16.00
		75	0	14.41	14.61	14.68	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>
				37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	14.72	14.92	14.79	16.00
		1	50	14.73	14.88	14.74	16.00
		1	99	14.70	14.84	14.80	16.00
		50	0	14.72	14.79	14.85	16.00
		50	25	14.81	14.76	14.90	16.00
		50	50	14.71	14.91	14.81	16.00
		100	0	14.80	14.79	14.79	16.00
	16QAM	1	0	14.77	14.56	14.65	16.00
		1	50	14.57	14.74	14.89	16.00
		1	99	14.51	14.59	14.56	16.00
		50	0	14.43	14.59	14.70	16.00
		50	25	14.54	14.59	14.68	16.00
		50	50	14.54	14.67	14.75	16.00
		100	0	14.51	14.55	14.69	16.00
	64QAM	1	0	14.70	14.91	14.78	16.00
		1	50	14.57	14.78	14.70	16.00
		1	99	14.65	14.67	14.73	16.00
		50	0	14.51	14.72	14.64	16.00
		50	25	14.75	14.68	14.74	16.00
		50	50	14.54	14.78	14.70	16.00
		100	0	14.85	14.62	14.68	16.00
	256QAM	1	0	14.76	14.46	14.50	16.00
		1	50	14.53	14.70	14.77	16.00
		1	99	14.39	14.35	14.52	16.00
		50	0	14.53	14.44	14.66	16.00
		50	25	14.52	14.61	14.56	16.00
		50	50	14.61	14.48	14.61	16.00
		100	0	14.41	14.62	14.66	16.00

LTE Band 38 sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
<b>5MHz</b>	QPSK	1	0	18.81	18.81	18.76	20.00
		1	13	18.81	19.01	18.82	20.00

			1	24	18.86	18.92	18.67	20.00
			12	0	18.60	18.63	18.71	20.00
			12	6	18.86	18.82	18.76	20.00
			12	13	18.94	18.87	18.94	20.00
			25	0	18.72	18.73	18.84	20.00
		16QAM	1	0	18.58	18.55	18.58	20.00
			1	13	18.55	18.89	18.92	20.00
			1	24	18.44	18.57	18.56	20.00
			12	0	18.45	18.61	18.62	20.00
			12	6	18.51	18.47	18.67	20.00
			12	13	18.50	18.76	18.52	20.00
		64QAM	25	0	18.53	18.58	18.52	20.00
	1		0	18.63	18.73	18.73	20.00	
	1		13	18.67	18.78	18.78	20.00	
	1		24	18.65	18.82	18.72	20.00	
	12		0	18.61	18.65	18.77	20.00	
	12		6	18.69	18.74	18.84	20.00	
	12		13	18.69	18.76	18.78	20.00	
	25	0	18.68	18.69	18.79	20.00		
	256QAM	1	0	18.51	18.48	18.61	20.00	
		1	13	18.50	18.76	18.71	20.00	
		1	24	18.50	18.58	18.57	20.00	
		12	0	18.41	18.53	18.58	20.00	
		12	6	18.53	18.51	18.66	20.00	
		12	13	18.55	18.66	18.62	20.00	
		25	0	18.53	18.49	18.53	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37800	38000	38200	
10MHz	QPSK	1	0	18.59	18.69	18.70	20.00	
		1	25	18.68	18.93	18.95	20.00	
		1	49	18.81	18.96	18.93	20.00	
		25	0	18.82	18.59	18.81	20.00	
		25	13	18.67	18.94	19.01	20.00	
		25	25	18.93	18.79	18.99	20.00	
		50	0	18.70	18.86	18.87	20.00	
	16QAM	1	0	18.63	18.52	18.82	20.00	
		1	25	18.47	18.73	18.84	20.00	
		1	49	18.42	18.66	18.62	20.00	
		25	0	18.54	18.54	18.73	20.00	
		25	13	18.74	18.72	18.75	20.00	
		25	25	18.61	18.78	18.66	20.00	
		50	0	18.71	18.58	18.65	20.00	
	64QAM	1	0	18.60	18.72	18.71	20.00	
		1	25	18.65	18.79	18.79	20.00	
		1	49	18.62	18.81	18.68	20.00	
		25	0	18.63	18.69	18.75	20.00	
		25	13	18.72	18.71	18.84	20.00	
		25	25	18.73	18.81	18.80	20.00	
		50	0	18.65	18.70	18.77	20.00	
	256QAM	1	0	18.48	18.50	18.66	20.00	
		1	25	18.52	18.75	18.69	20.00	

		1	49	18.50	18.59	18.57	20.00
		25	0	18.45	18.52	18.63	20.00
		25	13	18.54	18.54	18.61	20.00
		25	25	18.54	18.62	18.61	20.00
		50	0	18.50	18.49	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.65	18.85	18.70	20.00
		1	38	18.89	18.82	18.74	20.00
		1	74	18.57	19.02	18.79	20.00
		36	0	18.57	18.69	18.85	20.00
		36	18	18.74	18.73	18.99	20.00
		36	39	18.68	19.01	18.83	20.00
		75	0	18.69	18.79	18.86	20.00
	16QAM	1	0	18.53	18.73	18.78	20.00
		1	38	18.61	18.76	18.86	20.00
		1	74	18.47	18.66	18.79	20.00
		36	0	18.43	18.46	18.69	20.00
		36	18	18.60	18.50	18.63	20.00
		36	39	18.69	18.63	18.61	20.00
		75	0	18.63	18.50	18.48	20.00
	64QAM	1	0	18.58	18.74	18.75	20.00
		1	38	18.68	18.83	18.78	20.00
		1	74	18.64	18.81	18.68	20.00
		36	0	18.63	18.65	18.79	20.00
		36	18	18.72	18.73	18.85	20.00
		36	39	18.74	18.79	18.78	20.00
		75	0	18.63	18.70	18.78	20.00
	256QAM	1	0	18.49	18.53	18.66	20.00
		1	38	18.51	18.73	18.70	20.00
		1	74	18.49	18.59	18.59	20.00
		36	0	18.42	18.49	18.60	20.00
		36	18	18.55	18.50	18.66	20.00
		36	39	18.54	18.64	18.59	20.00
		75	0	18.50	18.53	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	18.68	18.81	18.80	20.00
		1	50	18.75	18.88	18.86	20.00
		1	99	18.72	18.87	18.78	20.00
		50	0	18.71	18.74	18.85	20.00
		50	25	18.77	18.79	18.90	20.00
		50	50	18.79	18.86	18.87	20.00
		100	0	18.73	18.77	18.85	20.00
	16QAM	1	0	18.57	18.58	18.71	20.00
		1	50	18.58	18.81	18.79	20.00
		1	99	18.55	18.64	18.64	20.00
		50	0	18.50	18.58	18.68	20.00
		50	25	18.60	18.59	18.71	20.00
		50	50	18.62	18.71	18.67	20.00
		100	0	18.59	18.59	18.62	20.00

	64QAM	1	0	18.59	18.76	18.71	20.00
		1	50	18.65	18.82	18.79	20.00
		1	99	18.62	18.78	18.72	20.00
		50	0	18.66	18.65	18.79	20.00
		50	25	18.68	18.71	18.83	20.00
		50	50	18.73	18.76	18.77	20.00
		100	0	18.63	18.70	18.79	20.00
	256QAM	1	0	18.50	18.51	18.64	20.00
		1	50	18.49	18.71	18.71	20.00
		1	99	18.45	18.55	18.56	20.00
		50	0	18.42	18.49	18.58	20.00
		50	25	18.54	18.54	18.65	20.00
		50	50	18.53	18.61	18.57	20.00
		100	0	18.51	18.51	18.57	20.00

LTE Band 41 Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	22.88	22.95	23.03	23.07	23.06	24.50
		1	13	23.09	23	23.12	23.23	23.19	24.50
		1	24	22.99	23.01	23.1	23.21	23.13	24.50
		12	0	22.53	22.54	22.62	22.7	22.72	23.50
		12	6	22.55	22.58	22.65	22.74	22.75	23.50
		12	13	22.52	22.54	22.63	22.69	22.71	23.50
		25	0	22.52	22.53	22.63	22.68	22.69	23.50
	16QAM	1	0	22.49	22.49	22.51	22.62	22.64	23.50
		1	13	22.59	22.55	22.82	22.75	22.81	23.50
		1	24	22.52	22.62	22.61	22.68	22.79	23.50
		12	0	21.56	21.47	21.56	21.74	21.75	22.50
		12	6	21.53	21.62	21.7	21.76	21.75	22.50
		12	13	21.63	21.6	21.68	21.75	21.73	22.50
		25	0	21.57	21.59	21.64	21.73	21.69	22.50
	64QAM	1	0	21.18	21.29	21.37	21.41	21.39	22.50
		1	13	21.43	21.31	21.43	21.57	21.54	22.50
		1	24	21.33	21.32	21.44	21.53	21.47	22.50
		12	0	20.88	20.85	20.57	20.65	20.67	21.50
		12	6	20.86	20.91	20.55	20.66	20.68	21.50
		12	13	20.85	20.88	20.57	20.60	20.64	21.50
		25	0	20.87	20.85	20.56	20.58	20.61	21.50
	256QAM	1	0	20.81	20.81	20.41	20.56	20.56	21.50
		1	13	20.92	20.86	20.73	20.70	20.76	21.50
		1	24	20.85	20.97	20.55	20.62	20.70	21.50
		12	0	19.90	19.82	19.47	19.64	19.68	20.50
		12	6	19.87	19.96	19.62	19.69	19.70	20.50
		12	13	19.95	19.90	19.59	19.66	19.68	20.50
		25	0	19.88	19.94	19.56	19.63	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.98	23.02	23.07	23.25	23.16	24.50
		1	25	22.99	23.04	23.16	23.2	23.18	24.50

		1	49	22.93	22.98	23.08	23.11	23.14	24.50
		25	0	22.55	22.54	22.56	22.68	22.67	23.50
		25	13	22.59	22.62	22.7	22.8	22.72	23.50
		25	25	22.56	22.6	22.7	22.76	22.78	23.50
		50	0	22.58	22.61	22.7	22.69	22.7	23.50
	16QAM	1	0	22.62	22.53	22.66	22.73	22.78	23.50
		1	25	22.5	22.54	22.59	22.74	22.77	23.50
		1	49	22.44	22.48	22.61	22.71	22.69	23.50
		25	0	21.59	21.54	21.62	21.71	21.73	22.50
		25	13	21.63	21.66	21.68	21.79	21.71	22.50
		25	25	21.62	21.61	21.73	21.78	21.75	22.50
		50	0	21.62	21.62	21.69	21.69	21.72	22.50
	64QAM	1	0	21.19	21.26	21.33	21.38	21.40	22.50
		1	25	21.41	21.35	21.44	21.53	21.49	22.50
		1	49	21.32	21.31	21.43	21.53	21.46	22.50
		25	0	20.86	20.86	20.52	20.63	20.64	21.50
		25	13	20.88	20.89	20.56	20.66	20.65	21.50
		25	25	20.85	20.85	20.58	20.64	20.65	21.50
		50	0	20.82	20.85	20.53	20.62	20.64	21.50
	256QAM	1	0	20.81	20.82	20.43	20.53	20.57	21.50
		1	25	20.93	20.85	20.77	20.66	20.72	21.50
		1	49	20.83	20.93	20.52	20.61	20.69	21.50
		25	0	19.88	19.77	19.47	19.66	19.67	20.50
		25	13	19.87	19.96	19.65	19.69	19.69	20.50
		25	25	19.98	19.91	19.59	19.68	19.67	20.50
		50	0	19.90	19.92	19.55	19.65	19.64	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	22.89	22.93	22.97	23.1	22.99	24.50
		1	38	22.84	22.89	22.88	22.97	23.02	24.50
		1	74	22.84	22.9	23.01	22.98	23.02	24.50
		36	0	22.5	22.42	22.47	22.52	22.57	23.50
		36	18	22.45	22.48	22.54	22.51	22.5	23.50
		36	39	22.49	22.5	22.56	22.58	22.57	23.50
		75	0	22.47	22.48	22.54	22.52	22.53	23.50
	16QAM	1	0	22.36	22.51	22.45	22.62	22.55	23.50
		1	38	22.39	22.39	22.49	22.58	22.49	23.50
		1	74	22.37	22.42	22.51	22.63	22.48	23.50
		36	0	21.51	21.45	21.47	21.55	21.57	22.50
		36	18	21.49	21.51	21.54	21.53	21.51	22.50
		36	39	21.48	21.48	21.55	21.56	21.61	22.50
		75	0	21.51	21.5	21.57	21.53	21.55	22.50
	64QAM	1	0	21.20	21.28	21.38	21.41	21.41	22.50
		1	38	21.43	21.34	21.47	21.55	21.51	22.50
		1	74	21.34	21.33	21.40	21.53	21.47	22.50
		36	0	20.83	20.88	20.52	20.62	20.65	21.50
		36	18	20.87	20.92	20.60	20.66	20.66	21.50
		36	39	20.82	20.87	20.58	20.63	20.64	21.50
		75	0	20.84	20.87	20.58	20.62	20.63	21.50
	256QAM	1	0	20.79	20.84	20.45	20.52	20.54	21.50
		1	38	20.90	20.87	20.77	20.65	20.72	21.50

		1	74	20.84	20.94	20.51	20.61	20.72	21.50	
		36	0	19.87	19.81	19.50	19.69	19.67	20.50	
		36	18	19.88	19.95	19.62	19.70	19.65	20.50	
		36	39	19.96	19.90	19.61	19.69	19.68	20.50	
		75	0	19.87	19.89	19.57	19.67	19.61	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	0	22.96	22.96	23.04	23.14	23.14	24.50	
		1	50	22.87	22.9	22.98	23.06	23.03	24.50	
		1	99	22.92	22.95	23.1	23.07	23.07	24.50	
		50	0	22.54	22.56	22.53	22.57	22.59	23.50	
		50	25	22.53	22.56	22.58	22.65	22.67	23.50	
		50	50	22.5	22.54	22.6	22.63	22.61	23.50	
	16QAM	100	0	22.51	22.56	22.6	22.62	22.57	23.50	
		1	0	22.45	22.53	22.66	22.7	22.62	23.50	
		1	50	22.42	22.65	22.53	22.55	22.58	23.50	
		1	99	22.47	22.4	22.35	22.52	22.44	23.50	
		50	0	21.57	21.57	21.51	21.62	21.62	22.50	
		50	25	21.56	21.54	21.6	21.66	21.66	22.50	
	64QAM	50	50	21.54	21.53	21.61	21.65	21.62	22.50	
		100	0	21.55	21.56	21.6	21.67	21.59	22.50	
		1	0	21.21	21.27	21.36	21.41	21.38	22.50	
		1	50	21.39	21.30	21.43	21.54	21.54	22.50	
		1	99	21.31	21.34	21.41	21.52	21.43	22.50	
		50	0	20.85	20.85	20.56	20.65	20.64	21.50	
	256QAM	50	25	20.89	20.89	20.56	20.67	20.65	21.50	
		50	50	20.86	20.87	20.54	20.62	20.61	21.50	
		100	0	20.84	20.88	20.54	20.63	20.64	21.50	
		1	0	20.80	20.79	20.43	20.53	20.55	21.50	
		1	50	20.93	20.85	20.76	20.68	20.76	21.50	
		1	99	20.82	20.97	20.56	20.61	20.72	21.50	
			50	0	19.88	19.78	19.47	19.65	19.70	20.50
			50	25	19.85	19.97	19.64	19.69	19.69	20.50
			50	50	19.98	19.91	19.59	19.65	19.66	20.50
			100	0	19.89	19.93	19.55	19.65	19.63	20.50

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	15.3	15.06	15.39	15.16	14.93	16.50
		1	13	15.24	14.85	15.08	15.14	14.79	16.50
		1	24	15.13	15.07	15.18	14.97	14.93	16.50
		12	0	15.28	14.92	15.12	15.23	14.85	16.50
		12	6	15.35	15.21	15.11	15.21	15.09	16.50
		12	13	15.42	15.11	15.14	15.26	14.96	16.50
	16QAM	25	0	15.28	15.2	15.17	15.06	15.1	16.50
		1	0	15.26	14.84	15.14	15.16	14.68	16.50
		1	13	15.08	14.74	15.23	14.94	14.64	16.50
		1	24	15.03	14.83	15.04	14.95	14.72	16.50
		12	0	15.38	14.85	15.14	15.26	14.78	16.50

		12	6	15.34	14.91	15	15.23	14.83	16.50
		12	13	15.26	14.87	15.1	15.1	14.72	16.50
		25	0	15.18	15.1	15.11	15.08	14.9	16.50
	64QAM	1	0	15.20	14.97	15.28	15.08	14.88	16.50
		1	13	15.20	14.88	15.02	15.05	14.68	16.50
		1	24	15.03	14.97	15.13	14.87	14.88	16.50
		12	0	15.22	14.87	15.03	15.11	14.76	16.50
		12	6	15.25	15.15	15.00	15.16	15.05	16.50
		12	13	15.29	14.99	15.06	15.19	14.86	16.50
		25	0	15.18	15.20	15.10	15.03	15.02	16.50
	256QAM	1	0	15.23	14.74	15.00	15.04	14.63	16.50
		1	13	14.99	14.69	15.15	14.87	14.64	16.50
		1	24	15.01	14.84	15.01	14.91	14.60	16.50
		12	0	15.34	14.76	15.12	15.17	14.64	16.50
		12	6	15.30	14.89	14.88	15.10	14.77	16.50
		12	13	15.18	14.75	15.00	15.09	14.63	16.50
		25	0	15.10	14.99	15.00	15.03	14.85	16.50
<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>
				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	15.26	15.07	15.37	15.14	14.98	16.50
		1	25	15.25	14.94	15.09	15.12	14.77	16.50
		1	49	15.11	15.06	15.21	14.96	14.93	16.50
		25	0	15.28	14.93	15.12	15.2	14.85	16.50
		25	13	15.32	15.24	15.08	15.22	15.11	16.50
		25	25	15.39	15.05	15.12	15.28	14.91	16.50
		50	0	15.23	15.27	15.16	15.1	15.1	16.50
	16QAM	1	0	15.28	14.82	15.09	15.13	14.68	16.50
		1	25	15.08	14.77	15.2	14.96	14.59	16.50
		1	49	15.07	14.91	15.11	14.97	14.69	16.50
		25	0	15.39	14.86	15.19	15.24	14.74	16.50
		25	13	15.37	14.96	14.96	15.19	14.83	16.50
		25	25	15.24	14.85	15.08	15.17	14.7	16.50
		50	0	15.2	15.07	15.09	15.08	14.93	16.50
	64QAM	1	0	15.16	14.97	15.30	15.06	14.90	16.50
		1	25	15.17	14.84	15.00	15.06	14.68	16.50
		1	49	15.02	14.96	15.11	14.89	14.83	16.50
		25	0	15.22	14.88	15.05	15.11	14.75	16.50
		25	13	15.25	15.18	14.98	15.17	15.04	16.50
		25	25	15.34	14.96	15.02	15.19	14.85	16.50
		50	0	15.17	15.21	15.11	15.03	15.02	16.50
	256QAM	1	0	15.19	14.75	15.01	15.08	14.60	16.50
		1	25	14.98	14.68	15.14	14.91	14.60	16.50
		1	49	15.01	14.83	15.04	14.91	14.59	16.50
		25	0	15.31	14.76	15.09	15.16	14.65	16.50
		25	13	15.27	14.89	14.89	15.11	14.74	16.50
		25	25	15.14	14.79	15.02	15.07	14.64	16.50
		50	0	15.15	14.98	15.02	15.01	14.86	16.50
<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	15.27	15.03	15.39	15.12	14.94	16.50
		1	38	15.24	14.88	15.07	15.17	14.79	16.50

		1	74	15.15	15.11	15.18	14.96	14.95	16.50	
		36	0	15.25	14.91	15.18	15.16	14.84	16.50	
		36	18	15.35	15.19	15.03	15.21	15.09	16.50	
		36	39	15.37	15.07	15.13	15.32	14.93	16.50	
		75	0	15.2	15.21	15.16	15.09	15.09	16.50	
		16QAM	1	0	15.24	14.82	15.05	15.1	14.77	16.50
			1	38	15.07	14.73	15.23	14.91	14.61	16.50
			1	74	15.07	14.9	15.06	14.95	14.74	16.50
			36	0	15.32	14.86	15.13	15.25	14.76	16.50
			36	18	15.39	14.93	15.01	15.21	14.82	16.50
	36		39	15.23	14.89	15.05	15.15	14.73	16.50	
	75	0	15.13	15.04	15.07	15.06	14.91	16.50		
	64QAM	1	0	15.21	14.98	15.34	15.07	14.87	16.50	
		1	38	15.13	14.84	15.02	15.02	14.75	16.50	
		1	74	15.04	14.98	15.05	14.91	15.25	16.50	
		36	0	15.18	14.84	15.06	15.13	14.72	16.50	
		36	18	15.27	15.11	15.00	15.09	15.03	16.50	
		36	39	15.10	14.97	15.06	15.20	15.29	16.50	
		75	0	15.13	15.14	15.11	15.03	15.01	16.50	
	256QAM	1	0	15.19	14.70	15.03	15.02	14.61	16.50	
		1	38	15.02	14.66	15.13	14.85	14.60	16.50	
		1	74	15.00	14.81	15.07	14.83	14.69	16.50	
		36	0	15.28	14.83	15.11	15.16	14.68	16.50	
		36	18	15.26	14.87	14.96	15.12	14.72	16.50	
		36	39	15.10	14.80	14.96	15.00	14.64	16.50	
		75	0	15.10	14.99	15.03	15.02	14.84	16.50	
	<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	15.26	15.07	15.42	15.16	14.92	16.50	
		1	50	15.23	14.91	15.1	15.11	14.8	16.50	
		1	99	15.1	15.05	15.15	14.98	15.35	16.50	
		50	0	15.28	14.93	15.16	15.18	14.81	16.50	
		50	25	15.33	15.17	15.1	15.19	15.12	16.50	
		50	50	15.2	15.06	15.13	15.29	15.34	16.50	
		100	0	15.22	15.22	15.21	15.11	15.09	16.50	
	16QAM	1	0	15.29	14.8	15.11	15.1	14.69	16.50	
		1	50	15.09	14.73	15.22	14.92	14.58	16.50	
		1	99	15.09	14.89	15.12	14.89	14.76	16.50	
		50	0	15.35	14.9	15.18	15.23	14.73	16.50	
		50	25	15.32	14.95	15.02	15.18	14.78	16.50	
		50	50	15.19	14.85	15.04	15.09	14.71	16.50	
		100	0	15.19	15.06	15.11	15.08	14.93	16.50	
	64QAM	1	0	15.18	14.99	15.37	15.07	14.82	16.50	
		1	50	15.17	14.82	15.05	15.01	14.71	16.50	
		1	99	15.03	14.99	15.09	14.92	15.25	16.50	
		50	0	15.22	14.86	15.11	15.08	14.71	16.50	
		50	25	15.25	15.08	15.00	15.09	15.02	16.50	
		50	50	15.13	15.01	15.07	15.23	15.26	16.50	
		100	0	15.17	15.14	15.16	15.01	15.01	16.50	
	256QAM	1	0	15.24	14.71	15.05	15.04	14.64	16.50	
		1	50	14.99	14.64	15.17	14.82	14.60	16.50	

		1	99	15.03	14.79	15.02	14.81	14.71	16.50
		50	0	15.29	14.85	15.12	15.16	14.66	16.50
		50	25	15.24	14.86	14.93	15.08	14.73	16.50
		50	50	15.12	14.77	14.99	15.02	14.63	16.50
		100	0	15.14	14.96	15.05	15.00	14.84	16.50

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	20.89	20.68	20.98	20.81	20.59	21.50	
		1	13	20.73	20.43	20.76	20.6	20.36	21.50	
		1	24	20.86	20.67	20.74	20.69	20.55	21.50	
		12	0	20.95	20.47	20.72	20.78	20.38	21.50	
		12	6	20.88	20.66	20.85	20.74	20.51	21.50	
		12	13	20.89	20.7	20.8	20.78	20.6	21.50	
	16QAM	25	0	20.81	20.64	20.78	20.72	20.45	21.50	
		1	0	20.91	20.42	20.61	20.78	20.25	21.50	
		1	13	20.74	20.48	20.71	20.61	20.26	21.50	
		1	24	20.89	20.45	20.66	20.78	20.34	21.50	
		12	0	20.83	20.43	20.54	20.7	20.32	21.50	
		12	6	20.84	20.47	20.56	20.66	20.43	21.50	
	64QAM	12	13	20.97	20.64	20.69	20.85	20.44	21.50	
		25	0	20.78	20.48	20.59	20.63	20.4	21.50	
		1	0	20.79	20.58	20.89	20.72	20.50	21.50	
		1	13	20.67	20.35	20.69	20.53	20.28	21.50	
		1	24	20.79	20.59	20.64	20.60	20.48	21.50	
		12	0	20.88	20.37	20.65	20.68	20.30	21.50	
	256QAM	12	6	20.82	20.56	20.78	20.64	20.43	21.50	
		12	13	20.84	20.60	20.73	20.71	20.51	21.50	
		25	0	20.72	20.54	20.72	20.64	20.35	21.50	
		1	0	20.81	20.34	20.51	20.73	20.19	21.50	
		1	13	20.66	20.38	20.65	20.52	20.17	21.50	
		1	24	20.84	20.40	20.61	20.72	20.29	21.50	
	10MHz	QPSK	12	0	20.34	19.95	20.05	20.20	19.85	20.50
			12	6	20.37	19.98	20.09	20.21	19.93	20.50
			12	13	20.47	20.15	20.20	20.35	19.95	20.50
			25	0	20.28	20.03	20.11	20.16	19.94	20.50
1			0	20.83	20.51	20.81	20.77	20.48	21.50	
1			25	20.6	20.31	20.62	20.5	20.2	21.50	
16QAM		1	49	20.74	20.58	20.63	20.51	20.54	21.50	
		25	0	20.84	20.37	20.64	20.68	20.3	21.50	
		25	13	20.77	20.53	20.74	20.61	20.41	21.50	
		25	25	20.8	20.53	20.75	20.67	20.46	21.50	
16QAM	50	0	20.65	20.45	20.73	20.61	20.39	21.50		
	1	0	20.79	20.3	20.52	20.64	20.16	21.50		
	1	25	20.59	20.31	20.57	20.4	20.15	21.50		
	1	49	20.71	20.23	20.59	20.63	20.17	21.50		
		25	0	20.72	20.26	20.43	20.49	20.25	21.50	

		25	13	20.68	20.36	20.42	20.54	20.31	21.50	
		25	25	20.84	20.48	20.64	20.64	20.33	21.50	
		50	0	20.59	20.45	20.43	20.49	20.31	21.50	
	64QAM	1	0	20.79	20.63	20.92	20.73	20.53	21.50	
		1	25	20.66	20.36	20.70	20.50	20.26	21.50	
		1	49	20.80	20.60	20.66	20.61	20.46	21.50	
		25	0	20.86	20.41	20.67	20.72	20.28	21.50	
		25	13	20.80	20.59	20.79	20.68	20.43	21.50	
		25	25	20.81	20.61	20.72	20.68	20.55	21.50	
		50	0	20.73	20.54	20.71	20.62	20.38	21.50	
		256QAM	1	0	20.81	20.36	20.54	20.69	20.18	21.50
	1		25	20.66	20.38	20.61	20.52	20.19	21.50	
	1		49	20.83	20.38	20.56	20.73	20.29	21.50	
	25		0	20.38	19.95	20.06	20.23	19.87	20.50	
	25		13	20.38	19.99	20.11	20.20	19.95	20.50	
	25		25	20.38	20.17	20.21	20.40	19.95	20.50	
	50		0	20.30	20.01	20.13	20.17	19.90	20.50	
<b>Bandwidth</b>	Modulation		RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
		39725			40173	40620	41068	41515		
<b>15MHz</b>	QPSK	1	0	20.74	20.37	20.7	20.62	20.32	21.50	
		1	38	20.48	20.27	20.48	20.3	20.1	21.50	
		1	74	20.55	20.4	20.42	20.45	20.33	21.50	
		36	0	20.67	20.32	20.48	20.52	20.08	21.50	
		36	18	20.64	20.39	20.63	20.49	20.24	21.50	
		36	39	20.68	20.51	20.53	20.53	20.32	21.50	
		75	0	20.61	20.34	20.56	20.5	20.2	21.50	
	16QAM	1	0	20.66	20.22	20.37	20.49	20.06	21.50	
		1	38	20.56	20.22	20.46	20.33	20.08	21.50	
		1	74	20.69	20.14	20.43	20.51	19.98	21.50	
		36	0	20.59	20.11	20.27	20.43	20.13	21.50	
		36	18	20.56	20.31	20.26	20.46	20.11	21.50	
		36	39	20.66	20.38	20.47	20.56	20.23	21.50	
		75	0	20.54	20.26	20.34	20.33	20.1	21.50	
	64QAM	1	0	20.80	20.59	20.90	20.74	20.51	21.50	
		1	38	20.63	20.37	20.71	20.54	20.28	21.50	
		1	74	20.77	20.62	20.64	20.64	20.48	21.50	
		36	0	20.88	20.42	20.62	20.72	20.33	21.50	
		36	18	20.81	20.57	20.78	20.68	20.41	21.50	
		36	39	20.84	20.62	20.70	20.72	20.50	21.50	
		75	0	20.73	20.59	20.70	20.63	20.37	21.50	
	256QAM	1	0	20.86	20.34	20.55	20.70	20.18	21.50	
		1	38	20.64	20.38	20.61	20.54	20.17	21.50	
		1	74	20.83	20.40	20.59	20.71	20.26	21.50	
		36	0	20.38	19.97	20.05	20.21	19.87	20.50	
		36	18	20.39	19.99	20.11	20.20	19.95	20.50	
		36	39	20.50	20.16	20.22	20.36	19.97	20.50	
		75	0	20.32	20.00	20.12	20.14	19.92	20.50	
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	20.97	20.6	20.88	20.87	20.47	21.50	
		1	50	20.81	20.53	20.75	20.71	20.45	21.50	

		1	99	20.79	20.59	20.8	20.64	20.49	21.50
		50	0	20.87	20.55	20.77	20.79	20.52	21.50
		50	25	20.95	20.64	20.74	20.8	20.5	21.50
		50	50	20.92	20.63	20.83	20.78	20.54	21.50
		100	0	20.95	20.66	20.76	20.81	20.55	21.50
	16QAM	1	0	20.84	20.59	20.75	20.76	20.43	21.50
		1	50	20.86	20.49	20.76	20.71	20.33	21.50
		1	99	20.73	20.6	20.68	20.66	20.39	21.50
		50	0	20.83	20.59	20.64	20.69	20.41	21.50
		50	25	20.83	20.55	20.64	20.75	20.39	21.50
		50	50	20.85	20.52	20.69	20.72	20.45	21.50
		100	0	20.88	20.64	20.65	20.79	20.49	21.50
	64QAM	1	0	20.81	20.59	20.92	20.74	20.54	21.50
		1	50	20.68	20.38	20.70	20.53	20.28	21.50
		1	99	20.80	20.59	20.66	20.61	20.48	21.50
		50	0	20.90	20.41	20.62	20.72	20.28	21.50
		50	25	20.80	20.58	20.77	20.65	20.46	21.50
		50	50	20.83	20.62	20.75	20.71	20.53	21.50
		100	0	20.73	20.55	20.71	20.65	20.37	21.50
	256QAM	1	0	20.85	20.35	20.55	20.72	20.17	21.50
		1	50	20.65	20.43	20.63	20.55	20.16	21.50
		1	99	20.81	20.40	20.56	20.69	20.26	21.50
		50	0	20.34	19.97	20.05	20.25	19.85	20.50
		50	25	20.35	20.00	20.09	20.16	19.97	20.50
		50	50	20.48	20.15	20.22	20.35	19.98	20.50
		100	0	20.33	20.03	20.12	20.17	19.94	20.50

## 5 Conducted Power of Main Antenna (Ant5)

### 5.1 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	28.15	28.06	28.10	29.50	-9.19	18.96	18.87	18.91	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.23	28.10	28.18	29.50	-9.19	19.04	18.91	18.99	20.31
	2 TX Slots	24.95	25.02	24.86	26.50	-6.18	18.77	18.84	18.68	20.32
	3 TX Slots	23.34	23.77	23.92	24.70	-4.42	18.92	19.35	19.50	20.28
	4 TX Slots	22.05	22.38	22.33	23.50	-3.17	18.88	19.21	19.16	20.33
EGPRS(8PSK)	1 TX Slot	24.48	24.63	24.71	25.00	-9.19	15.29	15.44	15.52	15.81
	2 TX Slots	21.32	21.52	21.61	22.00	-6.18	15.14	15.34	15.43	15.82
	3 TX Slots	19.38	19.53	19.53	20.20	-4.42	14.96	15.11	15.11	15.78
	4 TX Slots	17.72	18.02	18.14	19.00	-3.17	14.55	14.85	14.97	15.83

## 5.2 Conducted Power of WCDMA

WCDMA Band II Full power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.77	24.82	24.8	25.70
	12.2kbps AMR	24.73	24.81	24.78	25.70
HSDPA	Subtest 1	23.51	23.62	23.53	24.70
	Subtest 2	23.60	23.45	23.60	24.70
	Subtest 3	22.98	23.02	23.07	24.20
	Subtest 4	23.04	22.84	23.08	24.20
HSUPA	Subtest 1	23.42	23.54	23.47	24.70
	Subtest 2	21.44	21.52	21.46	22.70
	Subtest 3	22.45	22.54	22.49	23.70
	Subtest 4	21.38	21.49	21.45	22.70
	Subtest 5	23.43	23.51	23.47	24.70
DC-HSDPA	Subtest 1	23.44	23.54	23.47	24.70
	Subtest 2	23.49	23.36	23.52	24.70
	Subtest 3	22.92	22.96	22.94	24.20
	Subtest 4	23.02	22.77	23.00	24.20

WCDMA Band II Receiver on / hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.23	18.25	18.18	19.70
	12.2kbps AMR	18.2	18.23	18.16	19.70
HSDPA	Subtest 1	17.05	17.15	17.09	18.70
	Subtest 2	17.12	16.99	17.12	18.70
	Subtest 3	16.53	16.58	16.57	18.20
	Subtest 4	16.59	16.42	16.65	18.20
HSUPA	Subtest 1	16.96	17.12	17.00	18.70
	Subtest 2	14.98	15.06	15.00	16.70
	Subtest 3	16.02	16.10	16.05	17.70
	Subtest 4	14.98	15.04	15.03	16.70
	Subtest 5	16.96	17.10	17.00	18.70
DC-HSDPA	Subtest 1	16.98	17.09	17.05	18.70
	Subtest 2	17.07	16.90	17.06	18.70
	Subtest 3	16.47	16.53	16.52	18.20
	Subtest 4	16.54	16.29	16.55	18.20

WCDMA Band II Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.7	18.76	18.66	20.20
	12.2kbps AMR	18.68	18.72	18.63	20.20
HSDPA	Subtest 1	17.53	17.62	17.62	19.20
	Subtest 2	17.60	17.49	17.62	19.20
	Subtest 3	17.04	17.08	17.10	18.70
	Subtest 4	17.10	16.92	17.14	18.70
HSUPA	Subtest 1	17.44	17.59	17.52	19.20
	Subtest 2	15.47	15.55	15.52	17.20

	Subtest 3	16.49	16.59	16.55	18.20
	Subtest 4	15.46	15.56	15.54	17.20
	Subtest 5	17.44	17.58	17.50	19.20
DC-HSDPA	Subtest 1	17.48	17.56	17.57	19.20
	Subtest 2	17.55	17.42	17.56	19.20
	Subtest 3	16.95	17.03	17.03	18.70
	Subtest 4	17.03	16.81	17.05	18.70

WCDMA Band IV					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.7	24.82	24.71	25.70
	12.2kbps AMR	24.65	24.78	24.66	25.70
HSDPA	Subtest 1	23.52	23.59	23.53	24.70
	Subtest 2	23.57	23.42	23.56	24.70
	Subtest 3	23.01	23.02	23.02	24.20
	Subtest 4	23.04	22.84	23.05	24.20
HSUPA	Subtest 1	23.43	23.57	23.46	24.70
	Subtest 2	21.42	21.53	21.48	22.70
	Subtest 3	22.48	22.52	22.48	23.70
	Subtest 4	21.41	21.50	21.46	22.70
	Subtest 5	23.39	23.55	23.48	24.70
DC-HSDPA	Subtest 1	23.43	23.52	23.49	24.70
	Subtest 2	23.52	23.34	23.52	24.70
	Subtest 3	22.92	22.96	22.96	24.20
	Subtest 4	22.97	22.73	23.02	24.20

### 5.3 Conducted Power of LTE

LTE Band 2 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	25.01	25.10	25.00	25.70
		1	2	24.99	25.09	25.01	25.70
		1	5	24.91	25.00	24.93	25.70
		3	0	25.03	25.09	25.04	25.70
		3	2	24.97	25.10	25.04	25.70
		3	3	24.96	25.05	25.01	25.70
		6	0	24.49	24.62	24.53	24.70
	16QAM	1	0	24.43	24.64	24.52	24.70
		1	2	24.50	24.65	24.68	24.70
		1	5	24.47	24.56	24.55	24.70
		3	0	24.69	24.43	24.43	24.70
		3	2	24.68	24.43	24.36	24.70
		3	3	24.62	24.42	24.39	24.70
		6	0	23.55	23.62	23.65	23.70
	64QAM	1	0	23.45	23.51	23.44	23.70
		1	2	23.42	23.54	23.44	23.70
		1	5	23.36	23.45	23.34	23.70

		3	0	22.97	23.04	22.95	23.70	
		3	2	22.88	23.04	22.95	23.70	
		3	3	22.90	22.97	22.93	23.70	
		6	0	22.39	22.56	22.46	22.70	
	256QAM	1	0	22.36	22.58	22.45	22.70	
		1	2	22.43	22.60	22.60	22.70	
		1	5	22.40	22.47	22.50	22.70	
		3	0	22.64	22.37	22.37	22.70	
		3	2	22.61	22.34	22.30	22.70	
		3	3	22.52	22.37	22.32	22.70	
		6	0	21.50	21.54	21.56	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	24.96	25.05	25.07	25.70	
		1	7	24.98	25.10	25.07	25.70	
		1	14	24.81	24.94	24.88	25.70	
		8	0	24.57	24.61	24.65	24.70	
		8	4	24.51	24.65	24.59	24.70	
		8	7	24.45	24.60	24.52	24.70	
		15	0	24.47	24.53	24.56	24.70	
	16QAM	1	0	24.43	24.65	24.66	24.70	
		1	7	24.52	24.62	24.70	24.70	
		1	14	24.29	24.48	24.53	24.70	
		8	0	23.68	23.69	23.51	23.70	
		8	4	23.63	23.66	23.70	23.70	
		8	7	23.53	23.67	23.65	23.70	
		15	0	23.56	23.56	23.61	23.70	
	64QAM	1	0	23.40	23.48	23.47	23.70	
		1	7	23.39	23.53	23.49	23.70	
		1	14	23.21	23.39	23.28	23.70	
		8	0	22.52	22.54	22.59	22.70	
		8	4	22.41	22.56	22.50	22.70	
		8	7	22.40	22.51	22.44	22.70	
		15	0	22.38	22.43	22.51	22.70	
	256QAM	1	0	22.33	22.57	22.57	22.70	
		1	7	22.46	22.56	22.60	22.70	
		1	14	22.20	22.43	22.48	22.70	
		8	0	21.59	21.64	21.43	21.70	
		8	4	21.58	21.59	21.63	21.70	
		8	7	21.44	21.60	21.55	21.70	
		15	0	21.47	21.49	21.52	21.70	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
5MHz	QPSK	1	0	24.96	25.05	25.01	25.70	
		1	13	25.02	25.11	25.04	25.70	
		1	24	24.90	25.01	24.98	25.70	
		12	0	24.58	24.61	24.57	24.70	
		12	6	24.55	24.59	24.56	24.70	
		12	13	24.47	24.55	24.53	24.70	
		25	0	24.52	24.55	24.53	24.70	
	16QAM	1	0	24.46	24.58	24.64	24.70	

		1	13	24.64	24.54	24.67	24.70	
		1	24	24.40	24.53	24.55	24.70	
		12	0	23.66	23.66	23.62	23.70	
		12	6	23.65	23.65	23.59	23.70	
		12	13	23.51	23.60	23.59	23.70	
		25	0	23.55	23.56	23.54	23.70	
	64QAM	1	0	23.41	23.48	23.51	23.70	
		1	13	23.40	23.55	23.49	23.70	
		1	24	23.22	23.38	23.32	23.70	
		12	0	22.47	22.53	22.60	22.70	
		12	6	22.46	22.55	22.53	22.70	
		12	13	22.36	22.55	22.42	22.70	
	256QAM	25	0	22.40	22.46	22.47	22.70	
		1	0	22.33	22.58	22.58	22.70	
		1	13	22.45	22.53	22.62	22.70	
		1	24	22.23	22.41	22.48	22.70	
		12	0	21.62	21.63	21.46	21.70	
		12	6	21.56	21.56	21.61	21.70	
		12	13	21.44	21.61	21.55	21.70	
		25	0	21.49	21.51	21.53	21.70	
		<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
<b>10MHz</b>		QPSK	1	0	25.02	25.06	25.06	25.70
			1	25	24.98	25.05	25.04	25.70
			1	49	24.91	25.00	25.07	25.70
	25		0	24.52	24.62	24.61	24.70	
	25		13	24.59	24.59	24.58	24.70	
	25		25	24.54	24.60	24.60	24.70	
	16QAM	50	0	24.55	24.56	24.54	24.70	
		1	0	24.69	24.55	24.66	24.70	
		1	25	24.63	24.58	24.67	24.70	
		1	49	24.61	24.60	24.51	24.70	
		25	0	23.53	23.66	23.63	23.70	
		25	13	23.60	23.63	23.61	23.70	
	64QAM	25	25	23.56	23.68	23.61	23.70	
		50	0	23.60	23.59	23.55	23.70	
		1	0	23.36	23.45	23.51	23.70	
		1	25	23.38	23.50	23.47	23.70	
		1	49	23.25	23.39	23.31	23.70	
		25	0	22.48	22.53	22.56	22.70	
	256QAM	25	13	22.43	22.58	22.51	22.70	
		25	25	22.37	22.52	22.44	22.70	
		50	0	22.37	22.46	22.46	22.70	
1		0	22.33	22.60	22.60	22.70		
1		25	22.45	22.57	22.65	22.70		
1		49	22.21	22.43	22.44	22.70		
	25	0	21.61	21.62	21.42	21.70		
	25	13	21.57	21.58	21.65	21.70		
	25	25	21.47	21.61	21.59	21.70		
	50	0	21.49	21.46	21.54	21.70		
	<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>

				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	24.86	24.91	24.92	25.70
		1	38	24.87	25.00	24.92	25.70
		1	74	24.83	24.93	24.82	25.70
		36	0	24.39	24.50	24.43	24.70
		36	18	24.46	24.48	24.55	24.70
		36	39	24.49	24.52	24.49	24.70
		75	0	24.49	24.48	24.53	24.70
	16QAM	1	0	24.41	24.48	24.40	24.70
		1	38	24.37	24.52	24.46	24.70
		1	74	24.34	24.39	24.42	24.70
		36	0	23.42	23.50	23.48	23.70
		36	18	23.49	23.52	23.54	23.70
		36	39	23.46	23.54	23.52	23.70
		75	0	23.47	23.51	23.54	23.70
	64QAM	1	0	23.40	23.45	23.50	23.70
		1	38	23.42	23.50	23.48	23.70
		1	74	23.23	23.39	23.28	23.70
		36	0	22.52	22.54	22.55	22.70
		36	18	22.42	22.59	22.51	22.70
		36	39	22.38	22.50	22.43	22.70
		75	0	22.40	22.43	22.49	22.70
	256QAM	1	0	22.36	22.57	22.58	22.70
		1	38	22.46	22.56	22.65	22.70
		1	74	22.19	22.43	22.47	22.70
		36	0	21.62	21.64	21.43	21.70
		36	18	21.56	21.57	21.60	21.70
		36	39	21.44	21.58	21.55	21.70
		75	0	21.49	21.46	21.51	21.70
<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>
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	24.95	25.05	25.02	25.70
		1	50	24.93	25.00	24.96	25.70
		1	99	24.92	25.01	25.02	25.70
		50	0	24.52	24.58	24.50	24.70
		50	25	24.51	24.50	24.48	24.70
		50	50	24.51	24.53	24.45	24.70
		100	0	24.52	24.51	24.52	24.70
	16QAM	1	0	24.38	24.45	24.55	24.70
		1	50	24.56	24.61	24.70	24.70
		1	99	24.36	24.40	24.44	24.70
		50	0	23.49	23.56	23.53	23.70
		50	25	23.51	23.52	23.52	23.70
		50	50	23.53	23.59	23.58	23.70
		100	0	23.51	23.52	23.53	23.70
	64QAM	1	0	23.36	23.48	23.49	23.70
		1	50	23.38	23.54	23.51	23.70
		1	99	23.26	23.39	23.30	23.70
		50	0	22.52	22.52	22.56	22.70
		50	25	22.44	22.60	22.49	22.70
		50	50	22.38	22.55	22.45	22.70

		100	0	22.42	22.48	22.48	22.70
	256QAM	1	0	22.38	22.55	22.60	22.70
		1	50	22.47	22.57	22.62	22.70
		1	99	22.21	22.43	22.43	22.70
		50	0	21.60	21.60	21.44	21.70
		50	25	21.57	21.56	21.62	21.70
		50	50	21.48	21.62	21.56	21.70
		100	0	21.46	21.47	21.56	21.70

LTE Band 2 Receiver on / hotspot on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	14.82	14.74	14.86	15.70	
		1	2	14.81	14.90	14.87	15.70	
		1	5	14.73	14.69	14.69	15.70	
		3	0	14.92	14.92	14.88	15.70	
		3	2	14.90	14.99	14.82	15.70	
		3	3	14.84	14.89	14.83	15.70	
		6	0	14.97	14.85	14.75	15.70	
	16QAM	1	0	14.65	15.02	14.81	15.70	
		1	2	14.91	14.32	14.74	15.70	
		1	5	14.59	14.77	14.47	15.70	
		3	0	14.87	14.87	14.66	15.70	
		3	2	14.78	14.72	14.61	15.70	
		3	3	14.73	14.87	14.71	15.70	
		6	0	14.72	14.73	14.66	15.70	
	64QAM	1	0	14.77	14.66	14.81	15.70	
		1	2	14.72	14.80	14.82	15.70	
		1	5	14.65	14.64	14.62	15.70	
		3	0	14.86	14.86	14.80	15.70	
		3	2	14.80	14.92	14.75	15.70	
		3	3	14.74	14.81	14.76	15.70	
		6	0	14.91	14.75	14.69	15.70	
	256QAM	1	0	14.57	14.96	14.73	15.70	
		1	2	14.86	14.22	14.65	15.70	
		1	5	14.50	14.72	14.37	15.70	
		3	0	14.80	14.82	14.59	15.70	
		3	2	14.68	14.66	14.51	15.70	
		3	3	14.67	14.78	14.61	15.70	
		6	0	14.64	14.64	14.61	15.70	
	<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>
					18615	18900	19185	
3MHz	QPSK	1	0	14.87	14.76	14.89	15.70	
		1	7	14.82	14.97	14.92	15.70	
		1	14	14.75	14.71	14.65	15.70	
		8	0	14.94	14.95	14.92	15.70	
		8	4	14.91	14.92	14.86	15.70	
		8	7	14.93	14.86	14.9	15.70	
		15	0	15	14.82	14.82	15.70	
	16QAM	1	0	14.64	15.01	14.8	15.70	



				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	14.87	14.91	14.78	15.70
		1	25	14.77	14.8	14.82	15.70
		1	49	14.82	14.71	14.82	15.70
		25	0	14.89	14.85	14.85	15.70
		25	13	14.85	14.83	14.86	15.70
		25	25	14.9	14.95	14.84	15.70
		50	0	14.93	14.86	14.78	15.70
	16QAM	1	0	14.65	15.01	14.84	15.70
		1	25	14.88	14.36	14.73	15.70
		1	49	14.57	14.76	14.5	15.70
		25	0	14.87	14.87	14.67	15.70
		25	13	14.78	14.77	14.64	15.70
		25	25	14.74	14.89	14.77	15.70
		50	0	14.71	14.71	14.66	15.70
	64QAM	1	0	14.75	14.64	14.81	15.70
		1	25	14.75	14.84	14.79	15.70
		1	49	14.65	14.59	14.61	15.70
		25	0	14.84	14.85	14.82	15.70
		25	13	14.84	14.89	14.73	15.70
		25	25	14.77	14.83	14.76	15.70
		50	0	14.87	14.80	14.69	15.70
	256QAM	1	0	14.59	14.92	14.74	15.70
		1	25	14.82	14.24	14.67	15.70
		1	49	14.52	14.67	14.37	15.70
		25	0	14.80	14.81	14.61	15.70
		25	13	14.70	14.63	14.55	15.70
		25	25	14.68	14.77	14.63	15.70
		50	0	14.64	14.65	14.57	15.70
<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>
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	14.63	14.88	14.53	15.70
		1	38	14.59	14.81	14.63	15.70
		1	74	14.59	14.53	14.58	15.70
		36	0	14.73	14.76	14.67	15.70
		36	18	14.74	14.76	14.65	15.70
		36	39	14.75	14.7	14.75	15.70
		75	0	14.74	14.71	14.71	15.70
		16QAM	1	0	14.7	14.95	14.81
	1		38	14.87	14.37	14.75	15.70
	1		74	14.54	14.7	14.47	15.70
	36		0	14.83	14.87	14.7	15.70
	36		18	14.75	14.74	14.65	15.70
	36		39	14.74	14.82	14.71	15.70
	75		0	14.74	14.72	14.71	15.70
	64QAM	1	0	14.77	14.67	14.77	15.70
		1	38	14.72	14.84	14.81	15.70
		1	74	14.67	14.64	14.64	15.70
		36	0	14.86	14.86	14.79	15.70
		36	18	14.83	14.94	14.72	15.70
		36	39	14.77	14.79	14.76	15.70

		75	0	14.87	14.80	14.67	15.70
	256QAM	1	0	14.57	14.95	14.76	15.70
		1	38	14.85	14.23	14.68	15.70
		1	74	14.53	14.68	14.37	15.70
		36	0	14.78	14.82	14.61	15.70
		36	18	14.69	14.67	14.54	15.70
		36	39	14.65	14.82	14.66	15.70
		75	0	14.65	14.68	14.57	15.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	14.74	15.13	14.85	15.70
		1	50	14.69	14.73	14.79	15.70
		1	99	14.65	14.65	14.62	15.70
		50	0	14.72	14.86	14.7	15.70
		50	25	14.72	14.65	14.74	15.70
		50	50	14.77	14.74	14.77	15.70
		100	0	14.74	14.72	14.68	15.70
	16QAM	1	0	15.1	15.12	15.04	15.70
		1	50	15.02	14.55	14.95	15.70
		1	99	14.78	14.95	14.71	15.70
		50	0	14.85	14.86	14.73	15.70
		50	25	14.75	14.73	14.63	15.70
		50	50	14.71	14.82	14.78	15.70
		100	0	14.74	14.75	14.68	15.70
	64QAM	1	0	14.75	14.65	14.78	15.70
		1	50	14.72	14.84	14.82	15.70
		1	99	14.65	14.62	14.59	15.70
		50	0	14.82	14.82	14.78	15.70
		50	25	14.82	14.89	14.76	15.70
		50	50	14.75	14.83	14.75	15.70
		100	0	14.92	14.75	14.69	15.70
	256QAM	1	0	14.58	14.95	14.74	15.70
		1	50	14.83	14.25	14.66	15.70
		1	99	14.52	14.69	14.38	15.70
		50	0	14.82	14.82	14.59	15.70
		50	25	14.73	14.66	14.54	15.70
		50	50	14.64	14.78	14.65	15.70
		100	0	14.67	14.65	14.57	15.70

LTE Band 2 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.50	20.46	20.52	21.20
		1	2	20.48	20.63	20.25	21.20
		1	5	20.24	20.24	20.43	21.20
		3	0	20.56	20.47	20.47	21.20
		3	2	20.58	20.54	20.51	21.20
		3	3	20.49	20.43	20.49	21.20
		6	0	20.54	20.46	20.41	21.20
	16QAM	1	0	20.45	20.50	20.40	21.20

		1	2	20.42	20.53	20.13	21.20	
		1	5	20.02	20.04	20.22	21.20	
		3	0	20.58	20.58	20.41	21.20	
		3	2	20.62	20.56	20.40	21.20	
		3	3	20.48	20.65	20.53	21.20	
		6	0	20.48	20.38	20.45	21.20	
	64QAM	1	0	20.39	20.38	20.34	21.20	
		1	2	20.25	20.68	20.36	21.20	
		1	5	20.05	20.37	20.22	21.20	
		3	0	20.43	20.38	20.31	21.20	
		3	2	20.28	20.30	20.27	21.20	
		3	3	20.27	20.33	20.25	21.20	
		6	0	20.29	20.25	20.25	21.20	
	256QAM	1	0	20.36	20.24	20.13	21.20	
		1	2	20.28	20.40	20.03	21.20	
		1	5	20.25	19.59	20.13	21.20	
		3	0	20.08	20.27	20.09	21.20	
		3	2	20.22	20.03	20.02	21.20	
		3	3	20.17	20.08	20.18	21.20	
		6	0	20.11	20.14	20.10	21.20	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
<b>3MHz</b>	QPSK	1	0	20.47	20.42	20.58	21.20	
		1	7	20.45	20.6	20.25	21.20	
		1	14	20.21	20.25	20.4	21.20	
		8	0	20.56	20.49	20.44	21.20	
		8	4	20.53	20.57	20.53	21.20	
		8	7	20.43	20.49	20.48	21.20	
		15	0	20.56	20.45	20.38	21.20	
		16QAM	1	0	21	20.95	20.87	21.20
			1	7	20.99	21.04	20.7	21.20
			1	14	20.54	20.55	20.74	21.20
			8	0	20.78	20.59	20.49	21.20
			8	4	20.63	20.61	20.69	21.20
			8	7	20.51	20.67	20.58	21.20
			15	0	20.52	20.41	20.43	21.20
		64QAM	1	0	20.37	20.39	20.31	21.20
			1	7	20.23	20.68	20.34	21.20
			1	14	20.00	20.40	20.25	21.20
			8	0	20.42	20.37	20.28	21.20
			8	4	20.30	20.31	20.26	21.20
			8	7	20.29	20.32	20.27	21.20
			15	0	20.30	20.24	20.28	21.20
		256QAM	1	0	20.35	20.25	20.15	21.20
			1	7	20.30	20.42	20.06	21.20
			1	14	20.27	19.57	20.13	21.20
			8	0	20.09	20.29	20.08	21.20
			8	4	20.20	20.04	20.02	21.20
			8	7	20.17	20.08	20.17	21.20
			15	0	20.09	20.16	20.08	21.20
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	20.51	20.57	20.53	21.20
		1	13	20.55	20.43	20.5	21.20
		1	24	20.3	20.39	20.44	21.20
		12	0	20.62	20.54	20.59	21.20
		12	6	20.56	20.54	20.5	21.20
		12	13	20.47	20.49	20.48	21.20
		25	0	20.55	20.53	20.52	21.20
	16QAM	1	0	20.23	20.32	20.37	21.20
		1	13	20.65	20.59	20.6	21.20
		1	24	20.37	20.16	20.21	21.20
		12	0	20.59	20.62	20.62	21.20
		12	6	20.55	20.55	20.68	21.20
		12	13	20.6	20.56	20.63	21.20
		25	0	20.55	20.55	20.44	21.20
	64QAM	1	0	20.35	20.39	20.33	21.20
		1	13	20.20	20.70	20.36	21.20
		1	24	20.05	20.42	20.24	21.20
		12	0	20.44	20.35	20.26	21.20
		12	6	20.29	20.33	20.28	21.20
		12	13	20.31	20.34	20.25	21.20
		25	0	20.31	20.27	20.25	21.20
	256QAM	1	0	20.36	20.27	20.12	21.20
		1	13	20.27	20.40	20.03	21.20
		1	24	20.29	19.60	20.12	21.20
		12	0	20.10	20.25	20.08	21.20
		12	6	20.23	20.04	20.05	21.20
		12	13	20.19	20.12	20.15	21.20
		25	0	20.11	20.16	20.10	21.20
<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>
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	20.52	20.51	20.59	21.20
		1	25	20.45	20.53	20.49	21.20
		1	49	20.31	20.33	20.49	21.20
		25	0	20.55	20.57	20.52	21.20
		25	13	20.51	20.58	20.55	21.20
		25	25	20.46	20.52	20.5	21.20
		50	0	20.53	20.56	20.48	21.20
	16QAM	1	0	20.44	20.35	20.24	21.20
		1	25	20.36	20.45	20.13	21.20
		1	49	20.39	19.69	20.22	21.20
		25	0	20.44	20.64	20.47	21.20
		25	13	20.56	20.43	20.41	21.20
		25	25	20.55	20.49	20.56	21.20
		50	0	20.43	20.55	20.46	21.20
	64QAM	1	0	20.35	20.37	20.32	21.20
		1	25	20.23	20.70	20.35	21.20
		1	49	20.01	20.37	20.26	21.20
		25	0	20.43	20.33	20.31	21.20
		25	13	20.29	20.34	20.31	21.20
		25	25	20.32	20.35	20.28	21.20
		25	25	20.32	20.35	20.28	21.20

		50	0	20.29	20.24	20.28	21.20
	256QAM	1	0	20.39	20.22	20.16	21.20
		1	25	20.29	20.44	20.03	21.20
		1	49	20.26	19.61	20.14	21.20
		25	0	20.09	20.26	20.09	21.20
		25	13	20.24	20.05	20.03	21.20
		25	25	20.16	20.10	20.18	21.20
		50	0	20.07	20.13	20.10	21.20
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
<b>15MHz</b>	QPSK	1	0	20.31	20.25	20.33	21.20
		1	38	20.3	20.32	20.36	21.20
		1	74	20.26	20.38	20.31	21.20
		36	0	20.42	20.34	20.42	21.20
		36	18	20.43	20.35	20.37	21.20
		36	39	20.43	20.41	20.45	21.20
		75	0	20.44	20.44	20.36	21.20
	16QAM	1	0	20.43	20.35	20.22	21.20
		1	38	20.39	20.5	20.14	21.20
		1	74	20.38	19.67	20.22	21.20
		36	0	20.16	20.37	20.16	21.20
		36	18	20.26	20.13	20.12	21.20
		36	39	20.26	20.22	20.24	21.20
		75	0	20.18	20.21	20.18	21.20
	64QAM	1	0	20.37	20.40	20.29	21.20
		1	38	20.22	20.69	20.32	21.20
		1	74	20.04	20.42	20.23	21.20
		36	0	20.42	20.33	20.30	21.20
		36	18	20.26	20.33	20.29	21.20
		36	39	20.28	20.31	20.26	21.20
		75	0	20.32	20.23	20.24	21.20
	256QAM	1	0	20.36	20.26	20.17	21.20
		1	38	20.27	20.40	20.08	21.20
		1	74	20.28	19.59	20.12	21.20
		36	0	20.10	20.25	20.11	21.20
		36	18	20.21	20.05	20.07	21.20
		36	39	20.16	20.10	20.16	21.20
		75	0	20.10	20.18	20.09	21.20
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	20.44	20.47	20.39	21.20
		1	50	20.3	20.78	20.41	21.20
		1	99	20.1	20.47	20.32	21.20
		50	0	20.49	20.43	20.36	21.20
		50	25	20.35	20.4	20.36	21.20
		50	50	20.37	20.41	20.35	21.20
		100	0	20.39	20.33	20.34	21.20
	16QAM	1	0	20.44	20.32	20.22	21.20
		1	50	20.37	20.49	20.13	21.20
		1	99	20.35	19.66	20.21	21.20
		50	0	20.16	20.35	20.16	21.20

		50	25	20.3	20.13	20.12	21.20
		50	50	20.24	20.18	20.24	21.20
		100	0	20.16	20.23	20.15	21.20
	64QAM	1	0	20.36	20.41	20.34	21.20
		1	50	20.22	20.73	20.34	21.20
		1	99	20.01	20.42	20.26	21.20
		50	0	20.43	20.35	20.30	21.20
		50	25	20.27	20.30	20.28	21.20
		50	50	20.28	20.34	20.25	21.20
		100	0	20.34	20.25	20.25	21.20
	256QAM	1	0	20.35	20.23	20.16	21.20
		1	50	20.30	20.41	20.08	21.20
		1	99	20.30	19.60	20.12	21.20
		50	0	20.08	20.29	20.10	21.20
		50	25	20.22	20.04	20.04	21.20
50		50	20.19	20.11	20.15	21.20	
100		0	20.11	20.14	20.08	21.20	

LTE Band 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.79	24.79	24.78	25.70
		1	2	24.87	24.92	24.95	25.70
		1	5	24.76	24.81	24.85	25.70
		3	0	24.38	24.36	24.37	25.70
		3	2	24.47	24.53	24.46	25.70
		3	3	24.38	24.44	24.45	25.70
		6	0	24.38	24.35	24.35	24.70
	16QAM	1	0	24.68	24.62	24.64	24.70
		1	2	24.67	24.63	24.63	24.70
		1	5	24.69	24.58	24.61	24.70
		3	0	23.53	23.54	23.51	24.70
		3	2	23.55	23.60	23.54	24.70
		3	3	23.54	23.54	23.56	24.70
		6	0	23.44	23.39	23.38	23.70
	64QAM	1	0	23.19	23.21	23.21	23.70
		1	2	23.30	23.33	23.35	23.70
		1	5	23.20	23.26	23.28	23.70
		3	0	22.33	22.30	22.30	23.70
		3	2	22.40	22.46	22.40	23.70
		3	3	22.29	22.37	22.36	23.70
		6	0	22.33	22.27	22.27	22.70
	256QAM	1	0	22.59	22.56	22.59	22.70
		1	2	22.61	22.57	22.55	22.70
		1	5	22.60	22.51	22.52	22.70
		3	0	21.47	21.47	21.42	22.70
		3	2	21.45	21.50	21.48	22.70
		3	3	21.49	21.48	21.46	22.70
		6	0	21.34	21.33	21.31	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19965	20175	20385		
<b>3MHz</b>	QPSK	1	0	24.88	24.88	24.87	25.70	
		1	7	24.95	25.00	25.03	25.70	
		1	14	24.80	24.85	24.89	25.70	
		8	0	24.47	24.45	24.46	24.70	
		8	4	24.49	24.55	24.48	24.70	
		8	7	24.45	24.51	24.52	24.70	
		15	0	24.45	24.42	24.42	24.70	
	16QAM	1	0	24.57	24.66	24.68	24.70	
		1	7	24.64	24.66	24.66	24.70	
		1	14	24.58	24.62	24.65	24.70	
		8	0	23.55	23.56	23.53	23.70	
		8	4	23.56	23.61	23.55	23.70	
		8	7	23.59	23.59	23.61	23.70	
		15	0	23.51	23.46	23.45	23.70	
	64QAM	1	0	23.30	23.29	23.32	23.70	
		1	7	23.39	23.40	23.47	23.70	
		1	14	23.21	23.26	23.34	23.70	
		8	0	22.37	22.35	22.40	22.70	
		8	4	22.40	22.50	22.43	22.70	
		8	7	22.38	22.42	22.43	22.70	
		15	0	22.39	22.37	22.36	22.70	
	256QAM	1	0	22.50	22.60	22.63	22.70	
		1	7	22.55	22.60	22.58	22.70	
		1	14	22.49	22.57	22.60	22.70	
		8	0	21.45	21.47	21.47	21.70	
		8	4	21.51	21.56	21.50	21.70	
		8	7	21.54	21.52	21.52	21.70	
		15	0	21.41	21.36	21.40	21.70	
	<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>
					19975	20175	20375	
	<b>5MHz</b>	QPSK	1	0	24.92	24.94	24.97	25.70
			1	13	24.94	24.98	25.08	25.70
			1	24	24.89	24.97	24.98	25.70
			12	0	24.47	24.47	24.48	24.70
			12	6	24.49	24.45	24.55	24.70
			12	13	24.47	24.48	24.51	24.70
25			0	24.48	24.45	24.56	24.70	
16QAM		1	0	24.63	24.63	24.64	24.70	
		1	13	24.66	24.62	24.62	24.70	
		1	24	24.61	24.65	24.67	24.70	
		12	0	23.53	23.56	23.49	23.70	
		12	6	23.53	23.53	23.61	23.70	
		12	13	23.49	23.55	23.52	23.70	
		25	0	23.47	23.44	23.54	23.70	
64QAM		1	0	23.33	23.30	23.29	23.70	
		1	13	23.36	23.42	23.48	23.70	
		1	24	23.25	23.26	23.30	23.70	
		12	0	22.39	22.35	22.38	22.70	
		12	6	22.42	22.45	22.42	22.70	
		12	13	22.39	22.42	22.47	22.70	

		25	0	22.39	22.36	22.33	22.70
	256QAM	1	0	22.52	22.60	22.59	22.70
		1	13	22.59	22.57	22.58	22.70
		1	24	22.48	22.55	22.60	22.70
		12	0	21.45	21.51	21.46	21.70
		12	6	21.46	21.52	21.50	21.70
		12	13	21.54	21.49	21.52	21.70
		25	0	21.42	21.41	21.40	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	24.90	24.91	25.00	25.70
		1	25	24.93	24.97	24.97	25.70
		1	49	24.87	24.88	24.96	25.70
		25	0	24.43	24.49	24.51	24.70
		25	13	24.50	24.48	24.50	24.70
		25	25	24.50	24.53	24.51	24.70
		50	0	24.50	24.45	24.49	24.70
	16QAM	1	0	24.62	24.69	24.70	24.70
		1	25	24.63	24.67	24.70	24.70
		1	49	24.70	24.67	24.58	24.70
		25	0	23.47	23.49	23.54	23.70
		25	13	23.55	23.52	23.55	23.70
		25	25	23.53	23.54	23.56	23.70
		50	0	23.50	23.42	23.50	23.70
	64QAM	1	0	23.33	23.29	23.30	23.70
		1	25	23.37	23.45	23.44	23.70
		1	49	23.24	23.30	23.30	23.70
		25	0	22.38	22.39	22.36	22.70
		25	13	22.44	22.50	22.39	22.70
		25	25	22.38	22.42	22.42	22.70
		50	0	22.37	22.34	22.35	22.70
	256QAM	1	0	22.47	22.61	22.61	22.70
		1	25	22.54	22.58	22.56	22.70
		1	49	22.50	22.52	22.60	22.70
		25	0	21.48	21.51	21.46	21.70
		25	13	21.46	21.56	21.47	21.70
		25	25	21.52	21.49	21.54	21.70
		50	0	21.45	21.39	21.40	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	24.77	24.88	24.89	25.70
		1	38	24.80	24.84	24.90	25.70
		1	74	24.76	24.78	24.77	25.70
		36	0	24.29	24.37	24.37	24.70
		36	18	24.38	24.34	24.45	24.70
		36	39	24.34	24.37	24.40	24.70
		75	0	24.38	24.29	24.43	24.70
	16QAM	1	0	24.62	24.67	24.67	24.70
		1	38	24.65	24.67	24.69	24.70
		1	74	24.62	24.62	24.65	24.70
		36	0	23.32	23.38	23.36	23.70
		36	18	23.42	23.38	23.44	23.70

		36	39	23.36	23.39	23.44	23.70
		75	0	23.40	23.33	23.42	23.70
	64QAM	1	0	23.32	23.28	23.27	23.70
		1	38	23.35	23.45	23.43	23.70
		1	74	23.20	23.26	23.32	23.70
		36	0	22.40	22.36	22.37	22.70
		36	18	22.44	22.49	22.40	22.70
		36	39	22.37	22.43	22.45	22.70
		75	0	22.40	22.35	22.33	22.70
	256QAM	1	0	22.50	22.57	22.58	22.70
		1	38	22.56	22.59	22.60	22.70
		1	74	22.48	22.55	22.56	22.70
		36	0	21.47	21.49	21.43	21.70
		36	18	21.49	21.55	21.48	21.70
		36	39	21.51	21.54	21.56	21.70
		75	0	21.44	21.41	21.39	21.70
	<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel
20050					20175	20300	
<b>20MHz</b>	QPSK	1	0	24.95	24.92	24.95	25.70
		1	50	24.81	24.85	24.86	25.70
		1	99	24.82	24.78	24.84	25.70
		50	0	24.33	24.38	24.37	24.70
		50	25	24.42	24.36	24.45	24.70
		50	50	24.35	24.37	24.39	24.70
		100	0	24.37	24.32	24.42	24.70
	16QAM	1	0	24.56	24.70	24.64	24.70
		1	50	24.70	24.67	24.68	24.70
		1	99	24.66	24.65	24.64	24.70
		50	0	23.37	23.42	23.43	23.70
		50	25	23.42	23.34	23.46	23.70
		50	50	23.39	23.38	23.42	23.70
		100	0	23.39	23.35	23.44	23.70
	64QAM	1	0	23.29	23.33	23.32	23.70
		1	50	23.40	23.45	23.47	23.70
		1	99	23.24	23.26	23.31	23.70
		50	0	22.41	22.40	22.37	22.70
		50	25	22.43	22.47	22.42	22.70
		50	50	22.37	22.43	22.45	22.70
		100	0	22.40	22.33	22.37	22.70
	256QAM	1	0	22.52	22.56	22.61	22.70
		1	50	22.58	22.60	22.57	22.70
		1	99	22.53	22.56	22.58	22.70
		50	0	21.50	21.50	21.48	21.70
		50	25	21.46	21.53	21.45	21.70
		50	50	21.54	21.50	21.56	21.70
		100	0	21.45	21.39	21.35	21.70

LTE Band 7 Full power				Conducted Power(dBm)			
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	

5MHz	QPSK	1	0	24.38	24.50	24.60	25.70
		1	13	24.38	24.73	24.64	25.70
		1	24	24.66	24.75	24.84	25.70
		12	0	23.97	24.06	24.08	24.70
		12	6	24.08	24.14	24.18	24.70
		12	13	24.19	24.24	24.30	24.70
		25	0	24.09	24.22	24.12	24.70
	16QAM	1	0	24.16	24.17	24.34	24.70
		1	13	24.32	24.38	24.46	24.70
		1	24	24.23	24.42	24.34	24.70
		12	0	22.81	23.15	23.07	23.70
		12	6	23.02	23.15	23.15	23.70
		12	13	23.09	23.23	23.34	23.70
		25	0	22.92	23.15	23.17	23.70
	64QAM	1	0	22.78	22.90	23.00	23.70
		1	13	22.83	23.18	23.08	23.70
		1	24	23.08	23.15	23.25	23.70
		12	0	21.88	21.99	22.03	22.70
		12	6	22.02	22.08	22.09	22.70
		12	13	22.12	22.16	22.23	22.70
		25	0	22.03	22.17	22.06	22.70
	256QAM	1	0	22.08	22.09	22.27	22.70
		1	13	22.23	22.29	22.40	22.70
		1	24	22.14	22.34	22.27	22.70
		12	0	20.73	21.09	21.01	21.70
		12	6	20.94	21.08	21.05	21.70
		12	13	21.04	21.15	21.26	21.70
		25	0	20.83	21.10	21.07	21.70
<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	
10MHz	QPSK	1	0	24.45	24.65	24.50	25.70
		1	25	24.33	24.62	24.57	25.70
		1	49	24.51	24.87	24.75	25.70
		25	0	23.95	24.16	24.13	24.70
		25	13	24.09	24.11	24.19	24.70
		25	25	24.15	24.31	24.26	24.70
		50	0	24.01	24.06	24.29	24.70
	16QAM	1	0	24.28	24.27	24.41	24.70
		1	25	24.27	24.33	24.58	24.70
		1	49	24.20	24.36	24.30	24.70
		25	0	22.85	23.06	23.01	23.70
		25	13	23.02	23.02	23.02	23.70
		25	25	23.12	23.30	23.25	23.70
		50	0	23.03	23.07	23.11	23.70
	64QAM	1	0	22.81	22.92	23.04	23.70
		1	25	22.79	23.17	23.05	23.70
		1	49	23.07	23.20	23.27	23.70
		25	0	21.92	22.01	22.01	22.70
		25	13	22.01	22.08	22.13	22.70
		25	25	22.11	22.15	22.25	22.70
		50	0	21.99	22.16	22.07	22.70

		1	0	22.10	22.09	22.26	22.70
		1	25	22.26	22.33	22.41	22.70
		1	49	22.13	22.34	22.25	22.70
	256QAM	25	0	20.72	21.10	21.02	21.70
		25	13	20.97	21.05	21.10	21.70
		25	25	21.04	21.15	21.27	21.70
		50	0	20.87	21.10	21.07	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	24.47	24.51	24.45	25.70
		1	38	24.41	24.58	24.65	25.70
		1	74	24.54	24.72	24.87	25.70
		36	0	23.95	24.10	24.21	24.70
		36	18	24.01	24.17	24.23	24.70
		36	39	24.21	24.26	24.27	24.70
		75	0	24.05	24.14	24.28	24.70
	16QAM	1	0	24.30	24.32	24.45	24.70
		1	38	24.35	24.32	24.44	24.70
		1	74	24.32	24.31	24.36	24.70
		36	0	22.78	23.15	23.01	23.70
		36	18	23.08	23.15	23.18	23.70
		36	39	23.14	23.18	23.29	23.70
		75	0	23.00	23.17	23.07	23.70
	64QAM	1	0	22.79	22.91	23.02	23.70
		1	38	22.82	23.17	23.04	23.70
		1	74	23.11	23.16	23.24	23.70
		36	0	21.87	21.96	21.98	22.70
		36	18	22.03	22.08	22.11	22.70
		36	39	22.12	22.17	22.23	22.70
		75	0	22.00	22.17	22.05	22.70
	256QAM	1	0	22.09	22.12	22.27	22.70
		1	38	22.24	22.32	22.40	22.70
		1	74	22.18	22.33	22.27	22.70
		36	0	20.76	21.08	20.97	21.70
		36	18	20.95	21.09	21.05	21.70
		36	39	21.00	21.13	21.29	21.70
		75	0	20.84	21.06	21.09	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
<b>20MHz</b>	QPSK	1	0	24.49	24.68	24.64	25.70
		1	50	24.52	24.78	24.74	25.70
		1	99	24.69	24.90	24.94	25.70
		50	0	24.03	24.19	24.23	24.70
		50	25	24.18	24.28	24.27	24.70
		50	50	24.25	24.41	24.44	24.70
		100	0	24.20	24.26	24.32	24.70
	16QAM	1	0	24.33	24.36	24.51	24.70
		1	50	24.42	24.44	24.63	24.70
		1	99	24.35	24.47	24.42	24.70
		50	0	22.97	23.18	23.19	23.70
		50	25	23.11	23.18	23.22	23.70
		50	50	23.11	23.18	23.22	23.70

		50	50	23.19	23.37	23.37	23.70
		100	0	23.12	23.22	23.19	23.70
	64QAM	1	0	22.81	22.93	23.04	23.70
		1	50	22.79	23.17	23.08	23.70
		1	99	23.10	23.15	23.27	23.70
		50	0	21.90	21.97	22.03	22.70
		50	25	22.02	22.04	22.08	22.70
		50	50	22.14	22.16	22.24	22.70
		100	0	22.02	22.16	22.07	22.70
	256QAM	1	0	22.11	22.09	22.25	22.70
		1	50	22.26	22.32	22.38	22.70
		1	99	22.18	22.33	22.27	22.70
		50	0	20.71	21.09	21.02	21.70
		50	25	20.93	21.08	21.09	21.70
		50	50	21.04	21.15	21.27	21.70
100		0	20.84	21.10	21.07	21.70	

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	17.66	17.70	17.64	18.20
		1	13	17.69	18.03	17.75	18.20
		1	24	17.70	17.81	18.04	18.20
		12	0	17.63	17.93	17.78	18.20
		12	6	17.67	17.86	18.04	18.20
		12	13	17.73	17.84	17.95	18.20
		25	0	17.67	17.82	17.95	18.20
	16QAM	1	0	17.57	17.83	17.82	18.20
		1	13	17.71	17.78	17.83	18.20
		1	24	17.73	18.04	18.12	18.20
		12	0	17.62	17.59	17.56	18.20
		12	6	17.55	17.85	17.71	18.20
		12	13	17.70	17.71	17.86	18.20
		25	0	17.75	17.66	17.80	18.20
	64QAM	1	0	17.58	17.65	17.58	18.20
		1	13	17.64	17.93	17.68	18.20
		1	24	17.64	17.73	17.94	18.20
		12	0	17.54	17.86	17.71	18.20
		12	6	17.59	17.80	17.97	18.20
		12	13	17.65	17.79	17.89	18.20
		25	0	17.62	17.73	17.88	18.20
	256QAM	1	0	17.47	17.75	17.74	18.20
		1	13	17.61	17.71	17.74	18.20
		1	24	17.67	17.98	18.07	18.20
		12	0	17.53	17.51	17.48	18.20
		12	6	17.48	17.77	17.62	18.20
		12	13	17.62	17.64	17.80	18.20
		25	0	17.69	17.59	17.73	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

<b>10MHz</b>	QPSK	1	0	17.59	17.77	17.75	18.20
		1	25	17.70	17.88	17.87	18.20
		1	49	17.68	17.94	17.86	18.20
		25	0	17.49	17.99	17.74	18.20
		25	13	17.89	17.97	17.73	18.20
		25	25	17.97	17.89	17.87	18.20
		50	0	17.68	18.03	17.79	18.20
	16QAM	1	0	17.61	17.80	17.88	18.20
		1	25	17.45	17.77	18.09	18.20
		1	49	17.91	17.82	18.11	18.20
		25	0	17.38	17.48	17.82	18.20
		25	13	17.62	17.64	17.69	18.20
		25	25	17.64	17.64	17.83	18.20
		50	0	17.69	17.79	17.76	18.20
	64QAM	1	0	17.58	17.61	17.58	18.20
		1	25	17.62	17.95	17.65	18.20
		1	49	17.64	17.76	17.97	18.20
		25	0	17.54	17.84	17.72	18.20
		25	13	17.60	17.78	17.95	18.20
		25	25	17.68	17.74	17.90	18.20
		50	0	17.58	17.72	17.88	18.20
	256QAM	1	0	17.49	17.75	17.72	18.20
		1	25	17.65	17.73	17.78	18.20
		1	49	17.67	17.98	18.03	18.20
		25	0	17.52	17.50	17.51	18.20
		25	13	17.46	17.76	17.62	18.20
		25	25	17.63	17.66	17.80	18.20
		50	0	17.66	17.58	17.71	18.20
<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>
				20825	21100	21375	
<b>15MHz</b>	QPSK	1	0	17.54	17.83	17.61	18.20
		1	38	17.78	17.90	17.65	18.20
		1	74	17.79	17.77	17.95	18.20
		36	0	17.66	17.93	17.82	18.20
		36	18	17.81	18.02	17.74	18.20
		36	39	17.62	17.95	17.88	18.20
		75	0	17.83	17.93	17.93	18.20
	16QAM	1	0	17.59	17.89	17.91	18.20
		1	38	17.56	17.78	17.86	18.20
		1	74	17.74	17.85	18.00	18.20
		36	0	17.45	17.70	17.81	18.20
		36	18	17.76	17.61	17.78	18.20
		36	39	17.63	17.74	17.84	18.20
		75	0	17.76	17.55	17.60	18.20
	64QAM	1	0	17.60	17.63	17.57	18.20
		1	38	17.63	17.93	17.70	18.20
		1	74	17.65	17.75	17.99	18.20
		36	0	17.54	17.83	17.68	18.20
		36	18	17.60	17.78	17.95	18.20
		36	39	17.68	17.74	17.88	18.20
		75	0	17.61	17.76	17.90	18.20

		1	0	17.48	17.75	17.73	18.20
		1	38	17.62	17.72	17.78	18.20
		1	74	17.68	17.98	18.06	18.20
	256QAM	36	0	17.52	17.51	17.47	18.20
		36	18	17.49	17.79	17.66	18.20
		36	39	17.64	17.65	17.78	18.20
		75	0	17.65	17.56	17.74	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.62	17.68	17.70	18.20
		1	50	17.73	17.88	17.83	18.20
		1	99	17.74	17.89	18.06	18.20
		50	0	17.65	17.84	17.88	18.20
		50	25	17.79	17.88	17.89	18.20
		50	50	17.80	17.90	17.96	18.20
		100	0	17.76	17.91	17.93	18.20
	16QAM	1	0	17.61	17.70	17.85	18.20
		1	50	17.65	17.73	18.01	18.20
		1	99	17.82	17.88	18.05	18.20
		50	0	17.48	17.58	17.68	18.20
		50	25	17.59	17.73	17.73	18.20
		50	50	17.64	17.67	17.80	18.20
		100	0	17.60	17.68	17.69	18.20
	64QAM	1	0	17.60	17.63	17.56	18.20
		1	50	17.63	17.96	17.68	18.20
		1	99	17.60	17.72	17.94	18.20
		50	0	17.58	17.85	17.73	18.20
		50	25	17.62	17.76	17.94	18.20
		50	50	17.68	17.75	17.86	18.20
		100	0	17.60	17.74	17.89	18.20
	256QAM	1	0	17.51	17.76	17.75	18.20
		1	50	17.62	17.68	17.73	18.20
		1	99	17.65	17.96	18.05	18.20
		50	0	17.55	17.53	17.49	18.20
		50	25	17.45	17.79	17.65	18.20
		50	50	17.63	17.62	17.76	18.20
		100	0	17.67	17.61	17.70	18.20

LTE Band 7 Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.39	20.54	20.48	21.20
		1	13	20.40	20.76	20.65	21.20
		1	24	20.68	20.74	20.82	21.20
		12	0	20.46	20.68	20.49	21.20
		12	6	20.63	20.59	20.64	21.20
		12	13	20.60	20.84	20.81	21.20
		25	0	20.59	20.55	20.58	21.20
	16QAM	1	0	20.50	20.48	20.81	21.20
		1	13	20.60	20.79	20.97	21.20

		1	24	20.52	20.83	20.85	21.20	
		12	0	20.13	20.39	20.47	21.20	
		12	6	20.35	20.52	20.53	21.20	
		12	13	20.35	20.72	20.63	21.20	
		25	0	20.38	20.39	20.55	21.20	
		64QAM	1	0	20.34	20.48	20.42	21.20
			1	13	20.34	20.68	20.60	21.20
			1	24	20.62	20.67	20.72	21.20
			12	0	20.41	20.59	20.39	21.20
			12	6	20.53	20.53	20.58	21.20
			12	13	20.50	20.77	20.76	21.20
		256QAM	25	0	20.50	20.46	20.52	21.20
			1	0	20.44	20.41	20.74	21.20
			1	13	20.53	20.73	20.89	21.20
			1	24	20.46	20.74	20.80	21.20
	12		0	20.07	20.33	20.40	21.20	
	12		6	20.26	20.42	20.44	21.20	
	12		13	20.26	20.67	20.55	21.20	
	25	0	20.28	20.33	20.48	21.20		
	<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>
					20800	21100	21400	
<b>10MHz</b>	QPSK	1	0	20.31	20.46	20.56	21.20	
		1	25	20.56	20.63	20.70	21.20	
		1	49	20.49	20.91	20.90	21.20	
		25	0	20.55	20.65	20.71	21.20	
		25	13	20.58	20.74	20.68	21.20	
		25	25	20.73	20.88	20.68	21.20	
		50	0	20.67	20.64	20.53	21.20	
	16QAM	1	0	20.51	20.58	20.70	21.20	
		1	25	20.67	20.91	20.92	21.20	
		1	49	20.57	20.98	20.86	21.20	
		25	0	20.19	20.29	20.49	21.20	
		25	13	20.46	20.41	20.40	21.20	
		25	25	20.58	20.68	20.63	21.20	
		50	0	20.50	20.39	20.34	21.20	
	64QAM	1	0	20.29	20.44	20.38	21.20	
		1	25	20.33	20.71	20.58	21.20	
		1	49	20.60	20.64	20.77	21.20	
		25	0	20.38	20.58	20.43	21.20	
		25	13	20.55	20.50	20.57	21.20	
		25	25	20.51	20.74	20.71	21.20	
		50	0	20.53	20.50	20.53	21.20	
	256QAM	1	0	20.44	20.39	20.76	21.20	
		1	25	20.55	20.69	20.90	21.20	
		1	49	20.42	20.76	20.75	21.20	
		25	0	20.06	20.32	20.40	21.20	
		25	13	20.30	20.42	20.43	21.20	
		25	25	20.26	20.65	20.57	21.20	
		50	0	20.28	20.33	20.48	21.20	
	<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>
					20825	21100	21375	

15MHz	QPSK	1	0	20.38	20.44	20.61	21.20
		1	38	20.49	20.70	20.71	21.20
		1	74	20.63	20.82	20.87	21.20
		36	0	20.42	20.45	20.65	21.20
		36	18	20.51	20.58	20.63	21.20
		36	39	20.68	20.72	20.71	21.20
		75	0	20.58	20.63	20.75	21.20
	16QAM	1	0	20.54	20.58	20.82	21.20
		1	38	20.53	20.97	20.91	21.20
		1	74	20.56	20.83	20.82	21.20
		36	0	20.28	20.38	20.46	21.20
		36	18	20.33	20.37	20.43	21.20
		36	39	20.42	20.53	20.72	21.20
		75	0	20.32	20.39	20.51	21.20
	64QAM	1	0	20.30	20.48	20.38	21.20
		1	38	20.30	20.66	20.55	21.20
		1	74	20.59	20.64	20.76	21.20
		36	0	20.40	20.58	20.41	21.20
		36	18	20.56	20.54	20.54	21.20
		36	39	20.54	20.75	20.74	21.20
		75	0	20.51	20.45	20.53	21.20
	256QAM	1	0	20.41	20.39	20.76	21.20
		1	38	20.50	20.74	20.91	21.20
		1	74	20.43	20.77	20.76	21.20
		36	0	20.07	20.33	20.41	21.20
		36	18	20.29	20.47	20.47	21.20
		36	39	20.29	20.65	20.56	21.20
		75	0	20.29	20.34	20.46	21.20
<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>
				20850	21100	21350	
20MHz	QPSK	1	0	20.43	20.53	20.63	21.20
		1	50	20.52	20.72	20.66	21.20
		1	99	20.61	20.81	21.03	21.20
		50	0	20.46	20.60	20.62	21.20
		50	25	20.60	20.64	20.69	21.20
		50	50	20.66	20.78	20.81	21.20
		100	0	20.62	20.65	20.68	21.20
	16QAM	1	0	20.58	20.62	20.75	21.20
		1	50	20.60	20.87	21.01	21.20
		1	99	20.67	20.90	20.90	21.20
		50	0	20.27	20.42	20.44	21.20
		50	25	20.40	20.48	20.52	21.20
		50	50	20.50	20.62	20.68	21.20
		100	0	20.42	20.48	20.48	21.20
	64QAM	1	0	20.30	20.45	20.43	21.20
		1	50	20.32	20.70	20.57	21.20
		1	99	20.58	20.65	20.77	21.20
		50	0	20.41	20.58	20.43	21.20
		50	25	20.55	20.52	20.56	21.20
		50	50	20.55	20.77	20.73	21.20
		100	0	20.54	20.48	20.50	21.20

256QAM	1	0	20.42	20.42	20.73	21.20
	1	50	20.54	20.69	20.92	21.20
	1	99	20.47	20.73	20.80	21.20
	50	0	20.03	20.29	20.38	21.20
	50	25	20.28	20.43	20.47	21.20
	50	50	20.26	20.67	20.57	21.20
	100	0	20.31	20.29	20.50	21.20

LTE Band 38 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.74	24.73	24.79	25.70
		1	13	24.63	24.83	24.68	25.70
		1	24	24.81	24.72	24.70	25.70
		12	0	24.01	24.17	24.20	24.70
		12	6	24.17	24.34	24.22	24.70
		12	13	24.12	24.29	24.33	24.70
		25	0	24.27	24.10	24.18	24.70
	16QAM	1	0	24.08	24.27	24.40	24.70
		1	13	24.22	24.46	24.30	24.70
		1	24	24.11	24.37	24.22	24.70
		12	0	23.16	23.17	23.18	23.70
		12	6	23.20	23.33	23.23	23.70
		12	13	23.26	23.31	23.17	23.70
		25	0	23.24	23.25	23.26	23.70
	64QAM	1	0	23.16	23.15	23.23	23.70
		1	13	23.07	23.28	23.09	23.70
		1	24	23.26	23.12	23.15	23.70
		12	0	21.93	22.07	22.10	22.70
		12	6	22.07	22.27	22.12	22.70
		12	13	22.07	22.23	22.23	22.70
		25	0	22.17	22.05	22.11	22.70
	256QAM	1	0	22.02	22.17	22.30	22.70
		1	13	22.17	22.38	22.23	22.70
		1	24	22.05	22.30	22.12	22.70
		12	0	21.11	21.10	21.11	21.70
		12	6	21.15	21.24	21.13	21.70
		12	13	21.16	21.23	21.09	21.70
		25	0	21.14	21.19	21.17	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.70	24.82	24.67	25.70
		1	25	24.70	24.80	24.70	25.70
		1	49	24.79	24.64	24.71	25.70
		25	0	24.01	24.17	24.33	24.70
		25	13	24.14	24.21	24.30	24.70
		25	25	24.27	24.36	24.35	24.70
		50	0	24.24	24.14	24.14	24.70
	16QAM	1	0	24.15	24.16	24.31	24.70
		1	25	24.20	24.47	24.21	24.70
		1	25	24.20	24.47	24.21	24.70

		1	49	24.18	24.46	24.28	24.70	
		25	0	23.18	23.09	23.34	23.70	
		25	13	23.27	23.28	23.24	23.70	
		25	25	23.32	23.39	23.20	23.70	
		50	0	23.27	23.15	23.30	23.70	
		64QAM	1	0	23.15	23.15	23.23	23.70
			1	25	23.05	23.24	23.08	23.70
			1	49	23.26	23.16	23.15	23.70
			25	0	21.95	22.09	22.14	22.70
			25	13	22.08	22.24	22.13	22.70
			25	25	22.04	22.20	22.26	22.70
		256QAM	50	0	22.21	22.02	22.09	22.70
	1		0	21.99	22.21	22.34	22.70	
	1		25	22.17	22.39	22.21	22.70	
	1		49	22.05	22.27	22.16	22.70	
	25		0	21.08	21.08	21.13	21.70	
	25		13	21.13	21.27	21.15	21.70	
	25		25	21.19	21.24	21.07	21.70	
	50	0	21.15	21.18	21.20	21.70		
	<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	24.76	24.80	24.73	25.70	
		1	38	24.73	24.73	24.76	25.70	
		1	74	24.71	24.68	24.80	25.70	
		36	0	24.04	24.14	24.34	24.70	
		36	18	24.14	24.26	24.26	24.70	
		36	39	24.27	24.27	24.19	24.70	
		75	0	24.24	24.13	24.18	24.70	
	16QAM	1	0	24.09	24.27	24.41	24.70	
		1	38	24.15	24.41	24.30	24.70	
		1	74	24.18	24.33	24.30	24.70	
		36	0	23.15	23.13	23.26	23.70	
		36	18	23.25	23.34	23.36	23.70	
		36	39	23.25	23.39	23.28	23.70	
		75	0	23.26	23.20	23.22	23.70	
	64QAM	1	0	23.19	23.14	23.19	23.70	
		1	38	23.08	23.24	23.12	23.70	
		1	74	23.26	23.13	23.11	23.70	
		36	0	21.92	22.09	22.12	22.70	
		36	18	22.11	22.25	22.16	22.70	
		36	39	22.06	22.23	22.28	22.70	
		75	0	22.21	22.04	22.10	22.70	
	256QAM	1	0	22.00	22.17	22.33	22.70	
		1	38	22.17	22.37	22.22	22.70	
		1	74	22.03	22.27	22.17	22.70	
		36	0	21.08	21.07	21.13	21.70	
		36	18	21.11	21.24	21.17	21.70	
		36	39	21.20	21.25	21.10	21.70	
		75	0	21.14	21.16	21.17	21.70	
	<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	24.78	24.93	24.83	25.70
		1	50	24.78	24.90	24.83	25.70
		1	99	24.84	24.84	24.86	25.70
		50	0	24.21	24.29	24.36	24.70
		50	25	24.32	24.36	24.39	24.70
		50	50	24.32	24.39	24.39	24.70
		100	0	24.31	24.30	24.34	24.70
	16QAM	1	0	24.20	24.29	24.44	24.70
		1	50	24.34	24.52	24.34	24.70
		1	99	24.27	24.51	24.32	24.70
		50	0	23.20	23.27	23.36	23.70
		50	25	23.37	23.36	23.40	23.70
		50	50	23.34	23.41	23.35	23.70
		100	0	23.33	23.30	23.33	23.70
	64QAM	1	0	23.16	23.18	23.20	23.70
		1	50	23.05	23.27	23.08	23.70
		1	99	23.23	23.15	23.12	23.70
		50	0	21.93	22.10	22.12	22.70
		50	25	22.12	22.29	22.13	22.70
		50	50	22.04	22.19	22.25	22.70
		100	0	22.20	22.00	22.08	22.70
	256QAM	1	0	22.02	22.19	22.35	22.70
		1	50	22.16	22.36	22.25	22.70
		1	99	22.01	22.30	22.13	22.70
		50	0	21.10	21.10	21.12	21.70
		50	25	21.10	21.24	21.13	21.70
		50	50	21.21	21.23	21.10	21.70
		100	0	21.19	21.15	21.21	21.70

LTE Band 38 Receiver on / hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
<b>5MHz</b>	QPSK	1	0	18.42	18.34	18.34	19.20
		1	13	18.30	18.32	18.48	19.20
		1	24	18.21	18.41	18.22	19.20
		12	0	18.18	18.32	18.35	19.20
		12	6	18.44	18.31	18.42	19.20
		12	13	18.20	18.37	18.31	19.20
		25	0	18.39	18.39	18.16	19.20
	16QAM	1	0	18.24	18.38	18.22	19.20
		1	13	18.41	18.36	18.20	19.20
		1	24	18.25	18.24	18.12	19.20
		12	0	18.17	18.02	18.03	19.20
		12	6	18.08	18.04	18.15	19.20
		12	13	18.30	18.21	18.34	19.20
		25	0	18.19	18.16	18.19	19.20
	64QAM	1	0	18.34	18.25	18.28	19.20
		1	13	18.25	18.26	18.39	19.20
		1	24	18.12	18.33	18.13	19.20
		12	0	18.08	18.24	18.29	19.20

		12	6	18.36	18.22	18.35	19.20	
		12	13	18.15	18.29	18.22	19.20	
		25	0	18.32	18.30	18.08	19.20	
		256QAM	1	0	18.15	18.33	18.14	19.20
			1	13	18.35	18.27	18.14	19.20
			1	24	18.15	18.19	18.07	19.20
			12	0	18.08	17.92	17.94	19.20
			12	6	18.03	17.94	18.09	19.20
			12	13	18.24	18.11	18.26	19.20
			25	0	18.11	18.06	18.11	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37800	38000	38200		
10MHz	QPSK	1	0	18.42	18.50	18.31	19.20	
		1	25	18.29	18.36	18.39	19.20	
		1	49	18.35	18.19	18.18	19.20	
		25	0	18.20	18.15	18.40	19.20	
		25	13	18.42	18.36	18.42	19.20	
		25	25	18.27	18.42	18.34	19.20	
		50	0	18.29	18.23	18.34	19.20	
	16QAM	1	0	18.37	18.37	18.42	19.20	
		1	25	18.16	18.37	18.22	19.20	
		1	49	18.30	18.08	18.10	19.20	
		25	0	18.24	18.08	18.27	19.20	
		25	13	18.36	18.19	18.21	19.20	
		25	25	18.26	18.18	18.35	19.20	
		50	0	18.15	18.28	18.37	19.20	
	64QAM	1	0	18.32	18.29	18.29	19.20	
		1	25	18.23	18.23	18.38	19.20	
		1	49	18.16	18.31	18.13	19.20	
		25	0	18.13	18.22	18.25	19.20	
		25	13	18.37	18.26	18.32	19.20	
		25	25	18.14	18.31	18.24	19.20	
		50	0	18.34	18.34	18.10	19.20	
	256QAM	1	0	18.17	18.30	18.17	19.20	
		1	25	18.35	18.31	18.10	19.20	
		1	49	18.17	18.19	18.05	19.20	
		25	0	18.10	17.94	17.98	19.20	
		25	13	18.02	17.99	18.05	19.20	
		25	25	18.22	18.13	18.29	19.20	
		50	0	18.13	18.10	18.12	19.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37825	38000	38175	
15MHz	QPSK	1	0	18.31	18.29	18.38	19.20	
		1	38	18.20	18.24	18.14	19.20	
		1	74	18.22	18.27	18.09	19.20	
		36	0	18.23	18.22	18.32	19.20	
		36	18	18.25	18.46	18.24	19.20	
		36	39	18.20	18.31	18.41	19.20	
		75	0	18.54	18.14	18.13	19.20	
	16QAM	1	0	18.05	18.30	18.11	19.20	
		1	38	18.24	18.17	18.19	19.20	

		1	74	18.13	18.15	18.15	19.20	
		36	0	18.04	18.18	18.09	19.20	
		36	18	18.21	18.38	18.09	19.20	
		36	39	18.35	18.44	18.15	19.20	
		75	0	18.25	18.28	18.27	19.20	
	64QAM	1	0	18.37	18.25	18.24	19.20	
		1	38	18.24	18.22	18.38	19.20	
		1	74	18.15	18.35	18.15	19.20	
		36	0	18.10	18.25	18.27	19.20	
		36	18	18.34	18.26	18.35	19.20	
		36	39	18.12	18.27	18.24	19.20	
		75	0	18.34	18.30	18.07	19.20	
	256QAM	1	0	18.18	18.32	18.15	19.20	
		1	38	18.32	18.31	18.14	19.20	
		1	74	18.15	18.17	18.04	19.20	
		36	0	18.08	17.97	17.93	19.20	
		36	18	18.02	17.98	18.08	19.20	
		36	39	18.20	18.13	18.24	19.20	
		75	0	18.11	18.11	18.10	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>
					37850	38000	38150	
<b>20MHz</b>	QPSK	1	0	18.32	18.44	18.33	19.20	
		1	50	18.30	18.26	18.30	19.20	
		1	99	18.33	18.65	18.36	19.20	
		50	0	18.31	18.29	18.36	19.20	
		50	25	18.34	18.26	18.34	19.20	
		50	50	18.32	18.35	18.30	19.20	
		100	0	18.33	18.25	18.31	19.20	
	16QAM	1	0	18.23	18.31	18.24	19.20	
		1	50	18.27	18.26	18.11	19.20	
		1	99	18.11	18.20	18.14	19.20	
		50	0	18.09	18.19	18.16	19.20	
		50	25	18.24	18.17	18.23	19.20	
		50	50	18.28	18.25	18.23	19.20	
		100	0	18.25	18.23	18.23	19.20	
	64QAM	1	0	18.32	18.27	18.25	19.20	
		1	50	18.23	18.27	18.40	19.20	
		1	99	18.12	18.33	18.14	19.20	
		50	0	18.12	18.25	18.26	19.20	
		50	25	18.35	18.25	18.34	19.20	
		50	50	18.13	18.32	18.25	19.20	
		100	0	18.31	18.32	18.07	19.20	
	256QAM	1	0	18.19	18.31	18.13	19.20	
		1	50	18.32	18.26	18.12	19.20	
		1	99	18.17	18.14	18.02	19.20	
		50	0	18.09	17.92	17.96	19.20	
		50	25	18.03	17.98	18.07	19.20	
		50	50	18.25	18.12	18.26	19.20	
		100	0	18.09	18.08	18.10	19.20	

<b>LTE Band 38 Sensor on</b>	<b>Conducted Power(dBm)</b>
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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.25	22.17	22.17	22.70
		1	13	22.16	22.41	22.34	22.70
		1	24	22.34	22.26	22.30	22.70
		12	0	22.10	22.16	22.28	22.70
		12	6	22.39	22.36	22.25	22.70
		12	13	22.34	22.42	22.20	22.70
		25	0	22.14	22.26	22.22	22.70
	16QAM	1	0	21.99	22.28	22.12	22.70
		1	13	22.28	22.25	22.11	22.70
		1	24	22.06	21.98	22.15	22.70
		12	0	21.89	22.14	21.97	22.70
		12	6	22.15	22.03	22.09	22.70
		12	13	21.97	22.19	22.20	22.70
		25	0	22.10	22.05	22.14	22.70
	64QAM	1	0	22.22	22.33	22.28	22.70
		1	13	22.19	22.31	22.28	22.70
		1	24	22.24	22.24	22.29	22.70
		12	0	22.11	22.20	22.27	22.70
		12	6	22.26	22.30	22.32	22.70
		12	13	22.22	22.30	22.31	22.70
		25	0	22.22	22.21	22.24	22.70
	256QAM	1	0	22.12	22.23	22.39	22.70
		1	13	22.28	22.42	22.28	22.70
		1	24	22.20	22.44	22.26	22.70
		12	0	21.15	21.20	21.28	21.70
		12	6	21.31	21.31	21.31	21.70
		12	13	21.25	21.32	21.26	21.70
		25	0	21.28	21.20	21.25	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.09	22.23	22.29	22.70
		1	25	22.22	22.26	22.29	22.70
		1	49	22.20	22.19	22.18	22.70
		25	0	22.15	22.17	22.17	22.70
		25	13	22.19	22.31	22.31	22.70
		25	25	22.33	22.42	22.32	22.70
		50	0	22.12	22.08	22.29	22.70
	16QAM	1	0	22.04	22.25	22.15	22.70
		1	25	22.28	22.25	22.12	22.70
		1	49	22.14	22.05	22.21	22.70
		25	0	21.90	22.11	22.17	22.70
		25	13	22.21	22.02	22.08	22.70
		25	25	22.05	22.09	22.04	22.70
		50	0	21.94	22.05	22.19	22.70
	64QAM	1	0	22.19	22.37	22.23	22.70
		1	25	22.23	22.33	22.27	22.70
		1	49	22.26	22.29	22.28	22.70
		25	0	22.15	22.21	22.28	22.70

		25	13	22.22	22.29	22.32	22.70
		25	25	22.27	22.33	22.34	22.70
		50	0	22.21	22.20	22.25	22.70
	256QAM	1	0	22.13	22.22	22.35	22.70
		1	25	22.29	22.44	22.29	22.70
		1	49	22.20	22.45	22.22	22.70
		25	0	21.15	21.20	21.30	21.70
		25	13	21.27	21.30	21.33	21.70
		25	25	21.25	21.31	21.29	21.70
50	0	21.23	21.20	21.28	21.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.18	22.07	22.31	22.70
		1	38	22.16	22.31	22.26	22.70
		1	74	22.23	22.23	22.17	22.70
		36	0	22.11	22.11	22.17	22.70
		36	18	22.39	22.25	22.43	22.70
		36	39	22.29	22.21	22.38	22.70
		75	0	22.34	22.16	22.31	22.70
	16QAM	1	0	22.10	22.07	22.08	22.70
		1	38	22.10	22.20	22.09	22.70
		1	74	21.98	22.04	22.11	22.70
		36	0	22.00	22.08	22.14	22.70
		36	18	22.11	22.04	22.01	22.70
		36	39	22.17	22.17	22.15	22.70
		75	0	22.06	22.13	22.06	22.70
	64QAM	1	0	22.19	22.33	22.25	22.70
		1	38	22.19	22.30	22.23	22.70
		1	74	22.25	22.29	22.30	22.70
		36	0	22.16	22.19	22.27	22.70
		36	18	22.27	22.28	22.34	22.70
		36	39	22.23	22.30	22.29	22.70
		75	0	22.22	22.23	22.27	22.70
	256QAM	1	0	22.11	22.19	22.39	22.70
		1	38	22.24	22.43	22.27	22.70
		1	74	22.17	22.43	22.23	22.70
		36	0	21.10	21.19	21.26	21.70
		36	18	21.27	21.27	21.32	21.70
		36	39	21.28	21.32	21.30	21.70
		75	0	21.25	21.22	21.25	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.17	22.22	22.23	22.70
		1	50	22.24	22.34	22.26	22.70
		1	99	22.29	22.26	22.32	22.70
		50	0	22.17	22.20	22.31	22.70
		50	25	22.29	22.26	22.33	22.70
		50	50	22.26	22.33	22.30	22.70
		100	0	22.27	22.22	22.28	22.70
	16QAM	1	0	22.02	22.20	22.11	22.70
		1	50	22.18	22.33	22.02	22.70

		1	99	22.11	22.09	22.13	22.70
		50	0	21.99	22.06	22.11	22.70
		50	25	22.13	22.10	22.16	22.70
		50	50	22.10	22.15	22.13	22.70
		100	0	22.09	22.05	22.10	22.70
	64QAM	1	0	22.21	22.00	22.27	22.70
		1	50	22.20	22.33	22.25	22.70
		1	99	22.27	22.29	22.27	22.70
		50	0	22.13	22.21	22.31	22.70
		50	25	22.22	22.31	22.30	22.70
		50	50	22.23	22.34	22.32	22.70
	256QAM	100	0	22.23	22.25	22.29	22.70
		1	0	22.11	22.20	22.36	22.70
		1	50	22.25	22.47	22.29	22.70
		1	99	22.18	22.45	22.24	22.70
		50	0	21.13	21.17	21.31	21.70
		50	25	21.29	21.29	21.31	21.70
		50	50	21.26	21.31	21.27	21.70
	100	0	21.25	21.23	21.25	21.70	

LTE Band 41 Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	24.7	24.71	24.74	24.77	24.8	25.70
		1	13	24.87	24.84	24.86	24.91	24.91	25.70
		1	24	24.77	24.81	24.82	24.86	24.79	25.70
		12	0	24.32	24.31	24.36	24.4	24.38	24.70
		12	6	24.36	24.37	24.43	24.42	24.38	24.70
		12	13	24.33	24.34	24.35	24.41	24.34	24.70
	16QAM	25	0	24.33	24.32	24.37	24.43	24.38	24.70
		1	0	24.44	24.32	24.34	24.36	24.34	24.70
		1	13	24.37	24.38	24.35	24.45	24.49	24.70
		1	24	24.33	24.34	24.37	24.38	24.34	24.70
		12	0	23.33	23.26	23.39	23.48	23.35	23.70
		12	6	23.36	23.33	23.43	23.4	23.47	23.70
	64QAM	12	13	23.43	23.29	23.38	23.46	23.39	23.70
		25	0	23.42	23.33	23.37	23.42	23.39	23.70
		1	0	23.15	23.14	23.17	23.18	23.21	23.70
		1	13	23.29	23.19	23.29	23.31	23.35	23.70
		1	24	23.22	23.12	23.24	23.26	23.23	23.70
		12	0	22.23	22.21	22.31	22.33	22.32	22.70
	256QAM	12	6	22.30	22.27	22.35	22.33	22.31	22.70
		12	13	22.28	22.26	22.27	22.34	22.25	22.70
		25	0	22.25	22.26	22.28	22.38	22.29	22.70
		1	0	22.35	22.26	22.28	22.29	22.27	22.70
		1	13	22.27	22.32	22.28	22.36	22.41	22.70
		1	24	22.23	22.28	22.28	22.30	22.25	22.70
		12	0	21.25	21.17	21.31	21.38	21.25	21.70
		12	6	21.28	21.23	21.33	21.33	21.40	21.70
		12	13	21.36	21.24	21.33	21.36	21.33	21.70

Bandwidth	Modulation	RB size	RB offset	21.37	21.26	21.31	21.32	21.34	21.70
				Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	24.8	24.78	24.83	24.88	24.88	25.70
		1	25	24.8	24.84	24.84	24.92	24.87	25.70
		1	49	24.71	24.78	24.77	24.83	24.78	25.70
		25	0	24.37	24.27	24.32	24.39	24.35	24.70
		25	13	24.4	24.41	24.44	24.47	24.37	24.70
		25	25	24.36	24.39	24.44	24.44	24.43	24.70
		50	0	24.4	24.39	24.41	24.39	24.37	24.70
	16QAM	1	0	24.42	24.45	24.39	24.46	24.44	24.70
		1	25	24.33	24.48	24.5	24.46	24.42	24.70
		1	49	24.41	24.27	24.42	24.41	24.39	24.70
		25	0	23.41	23.29	23.36	23.37	23.38	23.70
		25	13	23.4	23.43	23.42	23.49	23.37	23.70
		25	25	23.37	23.4	23.47	23.46	23.42	23.70
		50	0	23.41	23.39	23.44	23.39	23.38	23.70
	64QAM	1	0	23.14	23.14	23.17	23.21	23.23	23.70
		1	25	23.28	23.19	23.28	23.31	23.36	23.70
		1	49	23.19	23.14	23.26	23.30	23.24	23.70
		25	0	22.27	22.21	22.30	22.30	22.31	22.70
		25	13	22.30	22.32	22.33	22.32	22.32	22.70
		25	25	22.23	22.28	22.28	22.31	22.25	22.70
		50	0	22.26	22.22	22.29	22.35	22.29	22.70
	256QAM	1	0	22.35	22.26	22.25	22.31	22.25	22.70
		1	25	22.31	22.33	22.26	22.39	22.44	22.70
		1	49	22.25	22.29	22.28	22.31	22.24	22.70
		25	0	21.27	21.17	21.29	21.43	21.26	21.70
		25	13	21.28	21.28	21.33	21.34	21.37	21.70
		25	25	21.33	21.20	21.33	21.38	21.33	21.70
		50	0	21.35	21.27	21.30	21.34	21.34	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	24.66	24.68	24.7	24.72	24.72	25.70
		1	38	24.68	24.68	24.68	24.69	24.74	25.70
		1	74	24.71	24.68	24.72	24.75	24.67	25.70
		36	0	24.29	24.22	24.24	24.24	24.25	24.70
		36	18	24.29	24.27	24.29	24.24	24.2	24.70
		36	39	24.29	24.28	24.31	24.3	24.26	24.70
		75	0	24.28	24.31	24.3	24.24	24.22	24.70
	16QAM	1	0	24.25	24.19	24.25	24.3	24.29	24.70
		1	38	24.13	24.14	24.24	24.35	24.21	24.70
		1	74	24.16	24.21	24.22	24.25	24.17	24.70
		36	0	23.35	23.24	23.24	23.28	23.26	23.70
		36	18	23.32	23.29	23.31	23.27	23.21	23.70
		36	39	23.32	23.28	23.31	23.32	23.31	23.70
		75	0	23.32	23.31	23.3	23.23	23.24	23.70
	64QAM	1	0	23.13	23.16	23.18	23.19	23.22	23.70
		1	38	23.30	23.19	23.28	23.36	23.32	23.70
		1	74	23.19	23.11	23.25	23.31	23.21	23.70
		36	0	22.25	22.25	22.30	22.34	22.32	22.70

		36	18	22.30	22.31	22.36	22.32	22.31	22.70
		36	39	22.23	22.25	22.29	22.35	22.24	22.70
		75	0	22.23	22.25	22.28	22.33	22.29	22.70
	256QAM	1	0	22.36	22.26	22.25	22.30	22.24	22.70
		1	38	22.31	22.31	22.27	22.39	22.39	22.70
		1	74	22.28	22.25	22.31	22.33	22.29	22.70
		36	0	21.25	21.20	21.33	21.41	21.29	21.70
		36	18	21.30	21.26	21.35	21.34	21.39	21.70
		36	39	21.38	21.19	21.29	21.40	21.31	21.70
		75	0	21.32	21.28	21.29	21.32	21.34	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	24.73	24.73	24.74	24.76	24.81	25.70
		1	50	24.67	24.66	24.69	24.7	24.67	25.70
		1	99	24.73	24.71	24.8	24.77	24.7	25.70
		50	0	24.32	24.33	24.25	24.29	24.27	24.70
		50	25	24.31	24.33	24.33	24.32	24.31	24.70
		50	50	24.31	24.32	24.32	24.31	24.28	24.70
		100	0	24.32	24.31	24.32	24.32	24.24	24.70
	16QAM	1	0	24.24	24.37	24.3	24.35	24.34	24.70
		1	50	24.31	24.26	24.35	24.31	24.22	24.70
		1	99	24.29	24.28	24.19	24.2	24.21	24.70
		50	0	23.35	23.34	23.28	23.29	23.29	23.70
		50	25	23.34	23.3	23.32	23.32	23.32	23.70
		50	50	23.33	23.32	23.32	23.34	23.31	23.70
		100	0	23.33	23.3	23.32	23.34	23.25	23.70
	64QAM	1	0	23.10	23.16	23.17	23.21	23.24	23.70
		1	50	23.31	23.14	23.26	23.34	23.35	23.70
		1	99	23.17	23.14	23.26	23.29	23.22	23.70
		50	0	22.22	22.25	22.29	22.35	22.33	22.70
		50	25	22.31	22.31	22.35	22.37	22.30	22.70
		50	50	22.23	22.28	22.25	22.31	22.26	22.70
		100	0	22.23	22.22	22.29	22.34	22.31	22.70
	256QAM	1	0	22.36	22.22	22.26	22.28	22.28	22.70
		1	50	22.30	22.28	22.29	22.35	22.39	22.70
		1	99	22.28	22.27	22.27	22.32	22.28	22.70
		50	0	21.23	21.19	21.34	21.43	21.26	21.70
		50	25	21.27	21.25	21.34	21.35	21.39	21.70
		50	50	21.38	21.23	21.32	21.38	21.32	21.70
		100	0	21.37	21.26	21.30	21.33	21.32	21.70

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	22.09	22.06	22.05	22.16	22.11	22.70
		1	13	22.18	22.21	22.22	22.21	22.22	22.70
		1	24	22.13	22.11	22.19	22.26	22.11	22.70
		12	0	22.27	22.27	22.29	22.35	22.34	22.70
		12	6	22.34	22.33	22.39	22.42	22.34	22.70
		12	13	22.31	22.31	22.26	22.38	22.25	22.70

		25	0	22.27	22.31	22.35	22.42	22.36	22.70
	16QAM	1	0	22.39	22.25	22.31	22.35	22.27	22.70
		1	13	22.3	22.36	22.34	22.41	22.48	22.70
		1	24	22.27	22.27	22.3	22.31	22.33	22.70
		12	0	22.15	22.06	22.22	22.36	22.19	22.70
		12	6	22.23	22.14	22.28	22.26	22.34	22.70
		12	13	22.33	22.19	22.19	22.26	22.25	22.70
		25	0	22.3	22.22	22.19	22.25	22.28	22.70
	64QAM	1	0	22.13	22.11	22.19	22.20	22.25	22.70
		1	13	22.28	22.28	22.30	22.34	22.36	22.70
		1	24	22.21	22.21	22.26	22.29	22.24	22.70
		12	0	22.25	22.25	22.29	22.34	22.29	22.70
		12	6	22.27	22.28	22.38	22.37	22.31	22.70
		12	13	22.27	22.26	22.29	22.35	22.27	22.70
		25	0	22.25	22.22	22.29	22.34	22.28	22.70
	256QAM	1	0	22.36	22.27	22.24	22.30	22.27	22.70
		1	13	22.28	22.30	22.25	22.40	22.40	22.70
		1	24	22.24	22.27	22.28	22.33	22.28	22.70
		12	0	21.27	21.19	21.32	21.38	21.28	21.70
		12	6	21.29	21.27	21.38	21.34	21.37	21.70
		12	13	21.34	21.23	21.31	21.37	21.30	21.70
		25	0	21.32	21.23	21.32	21.32	21.33	21.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	22.17	22.12	22.22	22.28	22.26	22.70
		1	25	22.11	22.19	22.21	22.23	22.27	22.70
		1	49	22.11	22.1	22.14	22.18	22.12	22.70
		25	0	22.37	22.27	22.26	22.31	22.31	22.70
		25	13	22.4	22.4	22.42	22.41	22.37	22.70
		25	25	22.28	22.3	22.35	22.39	22.4	22.70
		50	0	22.33	22.38	22.33	22.32	22.36	22.70
	16QAM	1	0	22.41	22.43	22.32	22.42	22.41	22.70
		1	25	22.26	22.46	22.49	22.4	22.37	22.70
		1	49	22.36	22.21	22.36	22.37	22.34	22.70
		25	0	22.3	22.13	22.16	22.18	22.25	22.70
		25	13	22.25	22.26	22.22	22.29	22.18	22.70
		25	25	22.24	22.23	22.28	22.36	22.3	22.70
		50	0	22.21	22.21	22.24	22.26	22.21	22.70
	64QAM	1	0	22.11	22.12	22.15	22.19	22.24	22.70
		1	25	22.32	22.25	22.30	22.32	22.32	22.70
		1	49	22.20	22.24	22.27	22.29	22.21	22.70
		25	0	22.24	22.25	22.29	22.31	22.33	22.70
		25	13	22.27	22.30	22.36	22.36	22.33	22.70
		25	25	22.27	22.24	22.28	22.36	22.25	22.70
		50	0	22.27	22.22	22.30	22.35	22.31	22.70
	256QAM	1	0	22.39	22.23	22.25	22.26	22.26	22.70
		1	25	22.29	22.31	22.27	22.38	22.42	22.70
		1	49	22.26	22.29	22.29	22.29	22.26	22.70
		25	0	21.28	21.21	21.34	21.41	21.28	21.70
		25	13	21.27	21.27	21.37	21.34	21.42	21.70
		25	25	21.33	21.19	21.31	21.39	21.33	21.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	50	0	21.32	21.23	21.30	21.35	21.30	21.70
		1	0	22.05	22.01	22.05	22.12	22.09	22.70
		1	38	22.07	22.04	22.01	22.01	22.09	22.70
		1	74	22.11	22.04	22.11	22.12	22.07	22.70
		36	0	22.26	22.12	22.22	22.22	22.22	22.70
		36	18	22.22	22.19	22.23	22.16	22.11	22.70
		36	39	22.26	22.26	22.27	22.24	22.19	22.70
	75	0	22.26	22.23	22.23	22.17	22.2	22.70	
	16QAM	1	0	22.2	22.18	22.16	22.2	22.26	22.70
		1	38	22.09	22.04	22.24	22.32	22.18	22.70
		1	74	22.15	22.16	22.13	22.17	22.09	22.70
		36	0	22.21	22.14	22.12	22.08	22.07	22.70
		36	18	22.14	22.09	22.16	22.08	22.06	22.70
		36	39	22.13	22.12	22.21	22.16	22.17	22.70
		75	0	22.2	22.16	22.17	22.04	22.13	22.70
	64QAM	1	0	22.15	22.15	22.19	22.20	22.24	22.70
		1	38	22.32	22.25	22.27	22.31	22.34	22.70
		1	74	22.17	22.24	22.25	22.31	22.24	22.70
		36	0	22.26	22.25	22.27	22.31	22.28	22.70
		36	18	22.30	22.27	22.36	22.34	22.33	22.70
		36	39	22.24	22.27	22.30	22.35	22.29	22.70
		75	0	22.24	22.22	22.29	22.36	22.28	22.70
	256QAM	1	0	22.38	22.22	22.24	22.31	22.24	22.70
		1	38	22.31	22.32	22.29	22.36	22.41	22.70
		1	74	22.26	22.28	22.29	22.31	22.27	22.70
		36	0	21.25	21.19	21.33	21.38	21.28	21.70
		36	18	21.26	21.25	21.34	21.31	21.40	21.70
		36	39	21.37	21.24	21.28	21.36	21.29	21.70
75		0	21.34	21.28	21.31	21.36	21.30	21.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	39750		39750	40185	40620	41055	41490	
		1	0	22.12	22.07	22.06	22.11	22.16	22.70
		1	50	22.07	22.01	21.99	22.07	22.05	22.70
		1	99	22.13	22.03	22.18	22.1	22.1	22.70
		50	0	22.23	22.31	22.25	22.24	22.18	22.70
		50	25	22.21	22.33	22.32	22.31	22.21	22.70
		50	50	22.29	22.32	22.28	22.23	22.24	22.70
	16QAM	100	0	22.22	22.31	22.26	22.27	22.24	22.70
		1	0	22.23	22.28	22.27	22.33	22.24	22.70
		1	50	22.29	22.18	22.33	22.25	22.21	22.70
		1	99	22.22	22.28	22.19	22.18	22.13	22.70
		50	0	22.16	22.21	22.08	22.16	22.11	22.70
		50	25	22.23	22.18	22.15	22.13	22.2	22.70
		50	50	22.22	22.14	22.2	22.19	22.14	22.70
	100	0	22.21	22.17	22.15	22.17	22.12	22.70	
	64QAM	1	0	22.10	22.15	22.19	22.19	22.22	22.70
		1	50	22.31	22.25	22.27	22.31	22.36	22.70
		1	99	22.21	22.21	22.25	22.30	22.20	22.70
		50	0	22.22	22.21	22.31	22.33	22.33	22.70

		50	25	22.28	22.32	22.37	22.34	22.31	22.70
		50	50	22.27	22.25	22.27	22.36	22.27	22.70
		100	0	22.28	22.22	22.30	22.34	22.31	22.70
	256QAM	1	0	22.36	22.27	22.28	22.26	22.25	22.70
		1	50	22.32	22.30	22.28	22.40	22.41	22.70
		1	99	22.25	22.28	22.28	22.30	22.26	22.70
		50	0	21.28	21.17	21.34	21.41	21.25	21.70
		50	25	21.27	21.27	21.33	21.33	21.37	21.70
		50	50	21.38	21.19	21.33	21.37	21.32	21.70
		100	0	21.37	21.26	21.27	21.35	21.34	21.70

LTE Band 41 Receiver on / hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	17.49	17.49	17.45	17.59	17.52	18.70
		1	13	17.62	17.64	17.67	17.64	17.65	18.70
		1	24	17.57	17.51	17.62	17.66	17.55	18.70
		12	0	17.71	17.69	17.7	17.77	17.79	18.70
		12	6	17.75	17.74	17.83	17.83	17.77	18.70
		12	13	17.72	17.71	17.7	17.83	17.68	18.70
		25	0	17.69	17.72	17.75	17.86	17.79	18.70
	16QAM	1	0	17.84	17.67	17.75	17.79	17.68	18.70
		1	13	17.71	17.77	17.76	17.86	17.88	18.70
		1	24	17.67	17.68	17.72	17.73	17.78	18.70
		12	0	17.57	17.47	17.65	17.79	17.61	18.70
		12	6	17.68	17.54	17.71	17.66	17.77	18.70
		12	13	17.77	17.64	17.62	17.71	17.7	18.70
		25	0	17.74	17.63	17.63	17.67	17.68	18.70
	64QAM	1	0	17.43	17.42	17.39	17.54	17.42	18.70
		1	13	17.56	17.56	17.57	17.56	17.58	18.70
		1	24	17.49	17.46	17.55	17.58	17.49	18.70
		12	0	17.63	17.62	17.64	17.70	17.72	18.70
		12	6	17.66	17.67	17.78	17.75	17.72	18.70
		12	13	17.64	17.66	17.65	17.78	17.59	18.70
		25	0	17.62	17.63	17.66	17.81	17.69	18.70
	256QAM	1	0	17.79	17.59	17.69	17.69	17.63	18.70
		1	13	17.61	17.68	17.71	17.81	17.82	18.70
		1	24	17.57	17.62	17.65	17.65	17.68	18.70
		12	0	17.11	17.01	17.58	17.71	17.53	18.70
		12	6	17.18	17.09	17.65	17.60	17.72	18.70
		12	13	17.28	17.18	17.57	17.66	17.65	18.70
		25	0	17.25	17.17	17.58	17.61	17.62	18.70
<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>
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	17.62	17.54	17.65	17.68	17.71	18.70
		1	25	17.55	17.59	17.62	17.67	17.7	18.70
		1	49	17.55	17.54	17.58	17.63	17.52	18.70
		25	0	17.79	17.72	17.7	17.71	17.74	18.70
		25	13	17.84	17.83	17.83	17.81	17.82	18.70
		25	25	17.68	17.7	17.77	17.82	17.81	18.70

		50	0	17.73	17.82	17.73	17.73	17.78	18.70
	16QAM	1	0	17.84	17.86	17.72	17.84	17.82	18.70
		1	25	17.67	17.91	17.94	17.82	17.77	18.70
		1	49	17.81	17.64	17.81	17.79	17.75	18.70
		25	0	17.72	17.56	17.59	17.61	17.68	18.70
		25	13	17.67	17.66	17.63	17.73	17.63	18.70
		25	25	17.65	17.66	17.69	17.78	17.71	18.70
		50	0	17.66	17.64	17.69	17.68	17.65	18.70
	64QAM	1	0	17.43	17.41	17.39	17.53	17.44	18.70
		1	25	17.54	17.58	17.59	17.57	17.57	18.70
		1	49	17.48	17.43	17.53	17.59	17.45	18.70
		25	0	17.63	17.64	17.64	17.70	17.69	18.70
		25	13	17.68	17.67	17.74	17.75	17.72	18.70
		25	25	17.64	17.66	17.64	17.77	17.63	18.70
		50	0	17.64	17.64	17.65	17.80	17.74	18.70
	256QAM	1	0	17.79	17.57	17.66	17.73	17.59	18.70
		1	25	17.65	17.70	17.66	17.80	17.82	18.70
		1	49	17.60	17.61	17.64	17.64	17.73	18.70
		25	0	17.09	17.02	17.55	17.73	17.55	18.70
		25	13	17.18	17.05	17.62	17.57	17.67	18.70
		25	25	17.28	17.17	17.53	17.61	17.65	18.70
		50	0	17.28	17.14	17.56	17.60	17.58	18.70
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	17.48	17.46	17.47	17.55	17.49	18.70
		1	38	17.52	17.49	17.43	17.45	17.51	18.70
		1	74	17.51	17.44	17.56	17.53	17.51	18.70
		36	0	17.7	17.56	17.64	17.62	17.65	18.70
		36	18	17.62	17.62	17.65	17.61	17.54	18.70
		36	39	17.66	17.71	17.7	17.66	17.62	18.70
		75	0	17.7	17.68	17.68	17.59	17.65	18.70
	16QAM	1	0	17.61	17.63	17.61	17.65	17.66	18.70
		1	38	17.49	17.49	17.66	17.75	17.6	18.70
		1	74	17.56	17.59	17.58	17.59	17.52	18.70
		36	0	17.61	17.54	17.53	17.48	17.52	18.70
		36	18	17.57	17.51	17.6	17.5	17.51	18.70
		36	39	17.53	17.54	17.65	17.6	17.58	18.70
		75	0	17.6	17.61	17.62	17.48	17.53	18.70
	64QAM	1	0	17.39	17.44	17.39	17.52	17.46	18.70
		1	38	17.54	17.54	17.57	17.55	17.56	18.70
		1	74	17.50	17.43	17.53	17.60	17.46	18.70
		36	0	17.66	17.62	17.60	17.70	17.70	18.70
		36	18	17.67	17.69	17.77	17.78	17.72	18.70
		36	39	17.64	17.61	17.64	17.77	17.63	18.70
		75	0	17.64	17.65	17.70	17.79	17.72	18.70
	256QAM	1	0	17.76	17.62	17.66	17.69	17.58	18.70
		1	38	17.63	17.72	17.66	17.76	17.78	18.70
		1	74	17.60	17.60	17.66	17.65	17.68	18.70
		36	0	17.08	17.00	17.57	17.71	17.54	18.70
		36	18	17.20	17.06	17.62	17.60	17.68	18.70
		36	39	17.29	17.15	17.55	17.62	17.61	18.70

Bandwidth	Modulation	75	0	17.27	17.17	17.53	17.62	17.60	18.70
		RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	17.52	17.47	17.47	17.57	17.61	18.70
		1	50	17.47	17.44	17.44	17.52	17.45	18.70
		1	99	17.54	17.47	17.61	17.51	17.53	18.70
		50	0	17.65	17.73	17.66	17.55	17.62	18.70
		50	25	17.62	17.74	17.76	17.71	17.65	18.70
		50	50	17.72	17.72	17.69	17.68	17.66	18.70
		100	0	17.62	17.75	17.7	17.72	17.66	18.70
	16QAM	1	0	17.64	17.7	17.68	17.75	17.69	18.70
		1	50	17.74	17.63	17.78	17.7	17.66	18.70
		1	99	17.65	17.72	17.64	17.59	17.54	18.70
		50	0	17.59	17.64	17.48	17.57	17.55	18.70
		50	25	17.64	17.59	17.55	17.57	17.64	18.70
		50	50	17.66	17.55	17.65	17.6	17.58	18.70
		100	0	17.64	17.58	17.6	17.62	17.52	18.70
	64QAM	1	0	17.42	17.42	17.40	17.52	17.45	18.70
		1	50	17.54	17.56	17.59	17.54	17.56	18.70
		1	99	17.50	17.44	17.57	17.57	17.48	18.70
		50	0	17.61	17.64	17.64	17.68	17.73	18.70
		50	25	17.69	17.64	17.78	17.74	17.68	18.70
		50	50	17.64	17.63	17.65	17.76	17.59	18.70
		100	0	17.60	17.67	17.66	17.76	17.73	18.70
	256QAM	1	0	17.75	17.61	17.68	17.74	17.62	18.70
		1	50	17.64	17.70	17.66	17.80	17.80	18.70
		1	99	17.58	17.63	17.65	17.64	17.70	18.70
		50	0	17.09	16.98	17.59	17.71	17.54	18.70
		50	25	17.19	17.05	17.66	17.58	17.67	18.70
		50	50	17.32	17.14	17.53	17.64	17.63	18.70
		100	0	17.29	17.15	17.58	17.60	17.62	18.70

## 6 Conducted Power of Main Antenna (Ant6)

### 6.1 Conducted Power of LTE

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	19.78	19.74	19.76	21.00
		1	2	19.74	19.78	19.79	21.00
		1	5	19.74	19.63	19.66	21.00
		3	0	19.85	19.82	19.78	21.00
		3	2	19.89	19.83	19.71	21.00
		3	3	19.81	19.79	19.87	21.00
		6	0	19.92	19.65	19.67	21.00
	16QAM	1	0	19.59	19.55	19.37	21.00
		1	2	19.73	19.69	19.58	21.00
		1	5	19.44	19.54	19.52	21.00
		3	0	19.54	19.44	19.47	21.00
		3	2	19.58	19.63	19.52	21.00
		3	3	19.51	19.60	19.61	21.00
		6	0	19.54	19.44	19.45	21.00
	64QAM	1	0	19.75	19.69	19.65	21.00
		1	2	19.60	19.60	19.50	21.00
		1	5	19.55	19.40	19.39	21.00
		3	0	19.63	19.64	19.63	21.00
		3	2	19.71	19.55	19.56	21.00
		3	3	19.61	19.56	19.53	21.00
		6	0	19.66	19.53	19.56	21.00
	256QAM	1	0	19.55	19.44	19.33	21.00
		1	2	19.64	19.58	19.54	21.00
		1	5	19.32	19.45	19.47	21.00
		3	0	19.49	19.39	19.41	21.00
		3	2	19.45	19.55	19.46	21.00
		3	3	19.42	19.54	19.54	21.00
		6	0	19.14	19.02	19.10	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.76	19.69	19.71	21.00
		1	7	19.81	19.77	19.76	21.00
		1	14	19.72	19.69	19.67	21.00
		8	0	19.87	19.76	19.73	21.00
		8	4	19.88	19.83	19.72	21.00
		8	7	19.85	19.79	19.79	21.00
		15	0	19.84	19.72	19.69	21.00
	16QAM	1	0	19.58	19.59	19.38	21.00
		1	7	19.73	19.68	19.59	21.00
		1	14	19.42	19.56	19.52	21.00
		8	0	19.54	19.44	19.47	21.00
		8	4	19.54	19.63	19.54	21.00
		8	7	19.52	19.57	19.62	21.00
		15	0	19.54	19.45	19.45	21.00

		1	0	19.71	19.68	19.66	21.00
		1	7	19.60	19.60	19.51	21.00
		1	14	19.55	19.40	19.40	21.00
		8	0	19.68	19.63	19.63	21.00
		8	4	19.67	19.58	19.54	21.00
		8	4	19.60	19.55	19.53	21.00
		8	7	19.69	19.53	19.51	21.00
		1	0	19.52	19.45	19.32	21.00
		1	7	19.64	19.59	19.52	21.00
		1	14	19.33	19.48	19.45	21.00
		8	0	19.13	19.03	19.05	20.50
		8	4	19.12	19.18	19.13	20.50
		8	7	19.10	19.14	19.17	20.50
		15	0	19.13	19.03	19.10	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
<b>5MHz</b>	QPSK	1	0	19.84	19.82	19.81	21.00
		1	13	19.89	19.84	19.79	21.00
		1	24	19.81	19.76	19.73	21.00
		12	0	19.89	19.77	19.75	21.00
		12	6	19.92	19.75	19.81	21.00
		12	13	19.86	19.8	19.74	21.00
		25	0	19.88	19.74	19.79	21.00
	16QAM	1	0	19.58	19.54	19.41	21.00
		1	13	19.7	19.68	19.58	21.00
		1	24	19.42	19.54	19.5	21.00
		12	0	19.58	19.45	19.5	21.00
		12	6	19.54	19.62	19.55	21.00
		12	13	19.52	19.57	19.58	21.00
		25	0	19.58	19.42	19.46	21.00
	64QAM	1	0	19.74	19.72	19.68	21.00
		1	13	19.61	19.62	19.54	21.00
		1	24	19.50	19.37	19.40	21.00
		12	0	19.68	19.63	19.65	21.00
		12	6	19.70	19.57	19.58	21.00
		12	13	19.60	19.58	19.55	21.00
		25	0	19.66	19.53	19.56	21.00
	256QAM	1	0	19.54	19.44	19.32	21.00
		1	13	19.64	19.61	19.54	21.00
		1	24	19.34	19.46	19.47	21.00
		12	0	19.10	19.03	19.03	20.50
		12	6	19.15	19.16	19.13	20.50
		12	13	19.11	19.16	19.17	20.50
		25	0	19.15	19.00	19.09	20.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	19.86	19.78	19.79	21.00
		1	25	19.83	19.77	19.79	21.00
		1	49	19.74	19.67	19.69	21.00
		25	0	19.88	19.81	19.8	21.00
		25	13	19.94	19.8	19.78	21.00

		25	25	19.88	19.8	19.82	21.00	
		50	0	19.88	19.78	19.76	21.00	
	16QAM	1	0	19.57	19.59	19.36	21.00	
		1	25	19.72	19.69	19.6	21.00	
		1	49	19.42	19.58	19.52	21.00	
		25	0	19.55	19.47	19.48	21.00	
		25	13	19.56	19.62	19.53	21.00	
		25	25	19.56	19.58	19.59	21.00	
		50	0	19.56	19.46	19.5	21.00	
		64QAM	1	0	19.73	19.70	19.68	21.00
	1		25	19.62	19.60	19.50	21.00	
	1		49	19.55	19.36	19.42	21.00	
	25		0	19.68	19.65	19.66	21.00	
	25		13	19.70	19.56	19.56	21.00	
	25		25	19.60	19.54	19.56	21.00	
	50		0	19.65	19.54	19.56	21.00	
	256QAM	1	0	19.53	19.48	19.33	21.00	
		1	25	19.62	19.59	19.55	21.00	
		1	49	19.32	19.48	19.47	21.00	
		25	0	19.14	19.05	19.06	20.50	
		25	13	19.13	19.16	19.14	20.50	
		25	25	19.11	19.18	19.16	20.50	
		50	0	19.14	18.98	19.06	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>
					20025	20175	20325	
	<b>15MHz</b>	QPSK	1	0	19.71	19.67	19.72	21.00
			1	38	19.66	19.65	19.64	21.00
			1	74	19.61	19.53	19.5	21.00
36			0	19.72	19.71	19.7	21.00	
36			18	19.78	19.65	19.65	21.00	
36			39	19.68	19.66	19.64	21.00	
75			0	19.73	19.62	19.7	21.00	
16QAM		1	0	19.59	19.54	19.38	21.00	
		1	38	19.72	19.66	19.58	21.00	
		1	74	19.39	19.55	19.48	21.00	
		36	0	19.58	19.43	19.5	21.00	
		36	18	19.56	19.63	19.54	21.00	
		36	39	19.54	19.57	19.62	21.00	
		75	0	19.57	19.46	19.49	21.00	
64QAM		1	0	19.74	19.68	19.68	21.00	
		1	38	19.60	19.60	19.51	21.00	
		1	74	19.51	19.39	19.42	21.00	
		36	0	19.66	19.63	19.66	21.00	
		36	18	19.70	19.54	19.57	21.00	
		36	39	19.62	19.55	19.54	21.00	
		75	0	19.70	19.55	19.56	21.00	
256QAM		1	0	19.54	19.46	19.31	21.00	
		1	38	19.65	19.62	19.52	21.00	
		1	74	19.31	19.48	19.44	21.00	
		36	0	19.13	19.08	19.05	20.50	
		36	18	19.15	19.20	19.15	20.50	

Bandwidth	Modulation	36	39	19.11	19.17	19.17	20.50
		75	0	19.15	18.98	19.08	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.8	19.78	19.75	21.00
		1	50	19.69	19.67	19.59	21.00
		1	99	19.6	19.45	19.49	21.00
		50	0	19.73	19.71	19.71	21.00
		50	25	19.77	19.64	19.64	21.00
		50	50	19.67	19.63	19.61	21.00
		100	0	19.75	19.61	19.61	21.00
	16QAM	1	0	19.6	19.54	19.4	21.00
		1	50	19.71	19.68	19.62	21.00
		1	99	19.41	19.53	19.53	21.00
		50	0	19.55	19.48	19.47	21.00
		50	25	19.55	19.61	19.55	21.00
		50	50	19.51	19.59	19.61	21.00
		100	0	19.56	19.43	19.5	21.00
	64QAM	1	0	19.71	19.72	19.70	21.00
		1	50	19.64	19.60	19.52	21.00
		1	99	19.55	19.39	19.44	21.00
		50	0	19.68	19.63	19.62	21.00
		50	25	19.68	19.58	19.55	21.00
		50	50	19.60	19.54	19.56	21.00
		100	0	19.69	19.54	19.54	21.00
	256QAM	1	0	19.54	19.48	19.35	21.00
		1	50	19.65	19.58	19.52	21.00
		1	99	19.35	19.47	19.44	21.00
		50	0	19.12	19.07	19.04	20.50
		50	25	19.10	19.16	19.12	20.50
		50	50	19.07	19.19	19.16	20.50
		100	0	19.14	19.02	19.08	20.50

LTE Band 4 full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.39	21.28	21.20	22.50
		1	2	21.48	21.39	21.37	22.50
		1	5	21.33	21.31	21.20	22.50
		3	0	21.42	21.35	21.29	22.50
		3	2	21.49	21.31	21.37	22.50
		3	3	21.34	21.33	21.20	22.50
		6	0	21.45	21.26	21.38	22.50
	16QAM	1	0	21.05	21.15	21.07	22.50
		1	2	20.85	20.94	21.13	22.50
		1	5	20.84	20.81	20.77	22.50
		3	0	20.90	20.93	20.87	22.50
		3	2	20.93	20.85	20.83	22.50
		3	3	20.92	20.81	20.77	22.50
		6	0	20.91	20.83	20.78	22.50

		1	0	21.20	21.16	21.16	22.50
		1	2	21.24	21.20	21.22	22.50
		1	5	21.17	21.15	21.12	22.50
	64QAM	3	0	20.80	20.81	20.83	22.50
		3	2	20.86	20.85	20.81	22.50
		3	3	20.83	20.79	20.82	22.50
		6	0	20.32	20.34	20.27	21.50
		1	0	20.74	20.75	20.60	21.50
	256QAM	1	2	20.70	20.76	20.62	21.50
		1	5	20.76	20.68	20.67	21.50
		3	0	20.52	20.54	20.44	21.50
		3	2	20.53	20.49	20.46	21.50
		3	3	20.50	20.52	20.44	21.50
		6	0	19.40	19.36	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.37	21.27	21.29	22.50
		1	7	21.48	21.38	21.44	22.50
		1	14	21.29	21.20	21.20	22.50
		8	0	21.42	21.25	21.25	22.50
		8	4	21.40	21.36	21.41	22.50
		8	7	21.32	21.32	21.28	22.50
		15	0	21.39	21.28	21.34	22.50
	16QAM	1	0	21.08	21.16	21.07	22.50
		1	7	20.85	20.93	21.17	22.50
		1	14	20.79	20.84	20.72	22.50
		8	0	20.95	20.95	20.92	22.50
		8	4	20.95	20.85	20.80	22.50
		8	7	20.90	20.86	20.80	22.50
		15	0	20.96	20.83	20.77	22.50
	64QAM	1	0	21.14	21.13	21.08	22.50
		1	7	21.24	21.19	21.17	22.50
		1	14	21.10	21.17	21.10	22.50
		8	0	20.40	20.24	20.27	21.50
		8	4	20.38	20.38	20.30	21.50
		8	4	20.37	20.34	20.28	21.50
		8	7	20.36	20.26	20.21	21.50
	256QAM	1	0	20.62	20.73	20.58	21.50
		1	7	20.75	20.70	20.73	21.50
		1	14	20.60	20.53	20.58	21.50
		8	0	19.47	19.40	19.32	20.50
		8	4	19.43	19.47	19.29	20.50
		8	7	19.41	19.49	19.35	20.50
		15	0	19.35	19.32	19.24	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.33	21.3	21.27	22.50
		1	13	21.41	21.33	21.36	22.50
		1	24	21.33	21.28	21.2	22.50
		12	0	21.42	21.27	21.25	22.50
		12	6	21.44	21.28	21.35	22.50

		12	13	21.4	21.32	21.28	22.50	
		25	0	21.39	21.25	21.32	22.50	
	16QAM	1	0	21.05	21.15	21.04	22.50	
		1	13	20.88	20.94	21.14	22.50	
		1	24	20.82	20.81	20.74	22.50	
		12	0	20.94	20.92	20.87	22.50	
		12	6	20.97	20.83	20.81	22.50	
		12	13	20.87	20.84	20.75	22.50	
		25	0	20.91	20.78	20.77	22.50	
	64QAM	1	0	21.12	21.16	21.07	22.50	
		1	13	21.26	21.19	21.20	22.50	
		1	24	21.10	21.17	21.07	22.50	
		12	0	20.39	20.29	20.26	21.50	
		12	6	20.42	20.37	20.27	21.50	
		12	13	20.37	20.38	20.32	21.50	
		25	0	20.36	20.25	20.26	21.50	
	256QAM	1	0	20.67	20.78	20.57	21.50	
		1	13	20.73	20.69	20.76	21.50	
		1	24	20.61	20.53	20.62	21.50	
		12	0	19.44	19.40	19.35	20.50	
		12	6	19.45	19.44	19.33	20.50	
		12	13	19.45	19.45	19.36	20.50	
		25	0	19.34	19.31	19.26	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>
					20000	20175	20350	
<b>10MHz</b>	QPSK	1	0	21.34	21.28	21.31	22.50	
		1	25	21.33	21.27	21.29	22.50	
		1	49	21.22	21.17	21.14	22.50	
		25	0	21.36	21.32	21.32	22.50	
		25	13	21.46	21.3	21.3	22.50	
		25	25	21.39	21.33	21.32	22.50	
		50	0	21.4	21.27	21.26	22.50	
	16QAM	1	0	21.06	21.17	21.05	22.50	
		1	25	20.85	20.96	21.18	22.50	
		1	49	20.81	20.81	20.75	22.50	
		25	0	20.94	20.92	20.92	22.50	
		25	13	20.97	20.86	20.82	22.50	
		25	25	20.89	20.82	20.76	22.50	
		50	0	20.91	20.79	20.79	22.50	
	64QAM	1	0	21.14	21.17	21.07	22.50	
		1	25	21.22	21.21	21.17	22.50	
		1	49	21.07	21.13	21.08	22.50	
		25	0	20.41	20.28	20.26	21.50	
		25	13	20.41	20.35	20.30	21.50	
		25	25	20.34	20.37	20.32	21.50	
		50	0	20.36	20.27	20.21	21.50	
	256QAM	1	0	20.63	20.77	20.59	21.50	
		1	25	20.74	20.67	20.76	21.50	
		1	49	20.58	20.56	20.58	21.50	
		25	0	19.44	19.38	19.32	20.50	
25		13	19.47	19.48	19.33	20.50		

Bandwidth	Modulation	25	25	19.42	19.45	19.38	20.50	
		50	0	19.36	19.27	19.24	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20025	20175	20325		
15MHz	QPSK	1	0	21.25	21.2	21.19	22.50	
		1	38	21.18	21.12	21.1	22.50	
		1	74	21.08	20.94	21.04	22.50	
		36	0	21.19	21.17	21.16	22.50	
		36	18	21.26	21.13	21.12	22.50	
		36	39	21.18	21.12	21.11	22.50	
		75	0	21.23	21.09	21.16	22.50	
	16QAM	1	0	21.08	21.18	21.04	22.50	
		1	38	20.88	20.98	21.14	22.50	
		1	74	20.83	20.81	20.74	22.50	
		36	0	20.95	20.95	20.87	22.50	
		36	18	20.94	20.83	20.83	22.50	
		36	39	20.92	20.84	20.75	22.50	
		75	0	20.95	20.82	20.81	22.50	
	64QAM	1	0	21.12	21.17	21.11	22.50	
		1	38	21.25	21.19	21.20	22.50	
		1	74	21.09	21.12	21.11	22.50	
		36	0	20.41	20.28	20.28	21.50	
		36	18	20.41	20.37	20.27	21.50	
		36	39	20.39	20.33	20.31	21.50	
		75	0	20.36	20.26	20.21	21.50	
	256QAM	1	0	20.66	20.77	20.54	21.50	
		1	38	20.70	20.71	20.73	21.50	
		1	74	20.57	20.56	20.58	21.50	
		36	0	19.47	19.41	19.33	20.50	
		36	18	19.48	19.46	19.34	20.50	
		36	39	19.44	19.49	19.39	20.50	
		75	0	19.33	19.31	19.27	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	21.34	21.32	21.27	22.50	
		1	50	21.17	21.13	21.12	22.50	
		1	99	21.12	20.98	20.96	22.50	
		50	0	21.22	21.2	21.19	22.50	
		50	25	21.25	21.14	21.09	22.50	
		50	50	21.17	21.11	21.11	22.50	
		100	0	21.21	21.1	21.11	22.50	
	16QAM	1	0	21.04	21.18	21.02	22.50	
		1	50	20.85	20.96	21.14	22.50	
		1	99	20.82	20.85	20.75	22.50	
		50	0	20.9	20.95	20.91	22.50	
		50	25	20.93	20.86	20.82	22.50	
		50	50	20.9	20.84	20.75	22.50	
		100	0	20.92	20.82	20.77	22.50	
	64QAM	1	0	21.14	21.12	21.09	22.50	
		1	50	21.25	21.20	21.21	22.50	
		1	99	21.07	21.12	21.07	22.50	

		50	0	20.42	20.27	20.25	21.50
		50	25	20.41	20.37	20.29	21.50
		50	50	20.37	20.36	20.27	21.50
		100	0	20.34	20.27	20.22	21.50
	256QAM	1	0	20.67	20.78	20.56	21.50
		1	50	20.71	20.69	20.73	21.50
		1	99	20.61	20.55	20.59	21.50
		50	0	19.47	19.42	19.34	20.50
		50	25	19.45	19.48	19.30	20.50
		50	50	19.46	19.48	19.37	20.50
		100	0	19.32	19.31	19.24	20.50

LTE Band 7 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	22.58	22.57	22.59	23.50	
		1	13	22.59	22.83	22.77	23.50	
		1	24	22.64	22.77	22.79	23.50	
		12	0	21.89	22.03	22.00	22.50	
		12	6	22.06	22.13	22.10	22.50	
		12	13	22.05	22.33	22.32	22.50	
		25	0	21.99	22.14	22.09	22.50	
	16QAM	1	0	22.13	22.22	22.19	22.50	
		1	13	22.21	22.26	22.20	22.50	
		1	24	22.47	22.41	22.35	22.50	
		12	0	20.99	21.06	21.05	21.50	
		12	6	21.02	21.22	21.08	21.50	
		12	13	21.15	21.33	21.35	21.50	
		25	0	21.13	21.18	21.22	21.50	
	64QAM	1	0	20.93	20.89	20.89	21.50	
		1	13	20.92	21.16	21.09	21.50	
		1	24	20.99	21.10	21.09	21.50	
		12	0	19.83	19.98	19.95	20.50	
		12	6	20.01	20.07	20.00	20.50	
		12	13	20.00	20.25	20.23	20.50	
		25	0	19.94	20.06	20.04	20.50	
	256QAM	1	0	20.06	20.14	20.09	20.50	
		1	13	20.11	20.16	20.15	20.50	
		1	24	20.40	20.34	20.25	20.50	
		12	0	18.92	18.97	18.98	19.50	
		12	6	18.93	19.17	18.99	19.50	
		12	13	19.08	19.24	19.25	19.50	
		25	0	19.05	19.09	19.14	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20800	21100	21400	
10MHz	QPSK	1	0	22.59	22.58	22.72	23.50	
		1	25	22.53	22.79	22.62	23.50	
		1	49	22.66	22.67	22.91	23.50	
		25	0	21.88	22.00	22.10	22.50	
		25	13	21.98	22.20	22.18	22.50	

		25	25	22.07	22.22	22.25	22.50				
		50	0	22.08	22.10	22.20	22.50				
	16QAM	1	0	22.23	22.34	22.43	22.50				
		1	25	22.16	22.32	22.30	22.50				
		1	49	22.43	22.15	22.12	22.50				
		25	0	20.85	21.06	21.09	21.50				
		25	13	21.00	21.11	21.09	21.50				
		25	25	21.10	21.40	21.37	21.50				
		50	0	21.14	21.16	21.17	21.50				
	64QAM	1	0	20.88	20.90	20.90	21.50				
		1	25	20.91	21.16	21.12	21.50				
		1	49	20.99	21.09	21.10	21.50				
		25	0	19.80	19.93	19.94	20.50				
		25	13	20.01	20.04	20.03	20.50				
		25	25	19.96	20.28	20.22	20.50				
	256QAM	50	0	19.93	20.09	20.01	20.50				
		1	0	20.03	20.14	20.11	20.50				
		1	25	20.14	20.18	20.12	20.50				
		1	49	20.39	20.33	20.25	20.50				
		25	0	18.93	19.00	18.96	19.50				
		25	13	18.94	19.12	18.98	19.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
					20825	21100	21375				
					1	0	22.55		22.74	22.62	23.50
					1	38	22.69		22.83	22.62	23.50
					1	74	22.56		22.77	22.83	23.50
					36	0	21.94		22.10	22.04	22.50
					36	18	22.12		22.23	22.11	22.50
36	39	22.23	22.40	22.37	22.50						
15MHz	QPSK	75	0	22.13	22.14	22.10	22.50				
		16QAM	1	0	22.14	22.29	22.31	22.50			
			1	38	22.28	22.41	22.11	22.50			
			1	74	22.33	22.40	22.49	22.50			
			36	0	20.86	21.17	20.99	21.50			
			36	18	21.16	21.12	21.23	21.50			
			36	39	21.25	21.33	21.34	21.50			
	75		0	21.14	21.26	21.14	21.50				
	64QAM	1	0	20.91	20.91	20.91	21.50				
		1	38	20.91	21.13	21.12	21.50				
		1	74	20.95	21.07	21.14	21.50				
		36	0	19.79	19.94	19.95	20.50				
		36	18	19.98	20.07	20.05	20.50				
		36	39	19.98	20.26	20.24	20.50				
75		0	19.92	20.05	19.99	20.50					
256QAM	1	0	20.07	20.17	20.11	20.50					
	1	38	20.15	20.19	20.15	20.50					
	1	74	20.42	20.36	20.29	20.50					
	36	0	18.89	18.98	18.98	19.50					
	36	18	18.96	19.14	19.03	19.50					

Bandwidth	Modulation	36	39	19.07	19.27	19.25	19.50
		75	0	19.03	19.09	19.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.70	22.97	22.86	23.50
		1	50	22.65	22.86	22.80	23.50
		1	99	22.51	22.76	22.78	23.50
		50	0	22.25	22.42	22.41	22.50
		50	25	22.17	22.28	22.25	22.50
		50	50	22.01	22.19	22.18	22.50
		100	0	22.17	22.25	22.24	22.50
	16QAM	1	0	22.27	22.38	22.36	22.50
		1	50	22.36	22.38	22.41	22.50
		1	99	22.50	22.34	22.36	22.50
		50	0	21.04	21.23	21.19	21.50
		50	25	21.18	21.31	21.26	21.50
		50	50	21.27	21.42	21.45	21.50
		100	0	21.18	21.29	21.28	21.50
	64QAM	1	0	20.90	20.87	20.89	21.50
		1	50	20.91	21.16	21.09	21.50
		1	99	20.98	21.09	21.13	21.50
		50	0	19.83	19.96	19.94	20.50
		50	25	19.99	20.05	20.04	20.50
		50	50	19.95	20.24	20.26	20.50
		100	0	19.89	20.09	20.03	20.50
	256QAM	1	0	20.08	20.13	20.09	20.50
		1	50	20.14	20.16	20.14	20.50
		1	99	20.40	20.36	20.25	20.50
		50	0	18.91	18.98	18.96	19.50
		50	25	18.95	19.16	18.98	19.50
		50	50	19.05	19.23	19.30	19.50
		100	0	19.03	19.13	19.13	19.50

LTE Band 7 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.85	19.04	18.97	20.50
		1	13	19.02	19.09	19.02	20.50
		1	24	19.14	19.35	19.22	20.50
		12	0	18.96	19.20	19.15	20.50
		12	6	18.99	19.08	19.23	20.50
		12	13	18.98	19.34	19.27	20.50
		25	0	18.99	19.17	19.00	20.50
	16QAM	1	0	19.18	19.22	19.13	20.50
		1	13	19.13	19.32	19.30	20.50
		1	24	19.46	19.33	19.22	20.50
		12	0	18.62	18.85	18.89	20.50
		12	6	18.86	18.97	18.94	20.50
		12	13	19.00	19.12	19.18	20.50
		25	0	18.94	19.06	19.06	20.50

		1	0	19.26	19.21	19.23	20.50
		1	13	19.27	19.51	19.45	20.50
		1	24	19.26	19.39	19.45	20.50
	64QAM	12	0	18.97	19.18	19.12	20.50
		12	6	19.18	19.22	19.20	20.50
		12	13	19.10	19.43	19.41	20.50
		25	0	19.11	19.22	19.19	20.50
		1	0	19.23	19.27	19.33	20.50
	256QAM	1	13	19.32	19.40	19.26	20.50
		1	24	19.59	19.47	19.46	20.50
		12	0	18.12	18.15	18.14	19.50
		12	6	18.11	18.33	18.17	19.50
		12	13	18.25	18.41	18.47	19.50
		25	0	18.27	18.27	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	18.82	19.07	18.98	20.50
		1	25	19.04	19.19	19.20	20.50
		1	49	19.03	19.30	19.32	20.50
		25	0	19.03	19.19	19.09	20.50
		25	13	19.12	19.19	19.18	20.50
		25	25	19.06	19.16	19.33	20.50
		50	0	18.92	19.28	19.07	20.50
	16QAM	1	0	19.01	19.30	19.09	20.50
		1	25	19.30	19.28	19.28	20.50
		1	49	19.26	19.37	19.30	20.50
		25	0	18.88	18.84	18.88	20.50
		25	13	19.00	18.91	18.85	20.50
		25	25	19.02	19.08	19.23	20.50
		50	0	18.99	19.03	19.06	20.50
	64QAM	1	0	19.26	19.21	19.26	20.50
		1	25	19.27	19.49	19.43	20.50
		1	49	19.28	19.39	19.48	20.50
		25	0	18.97	19.16	19.10	20.50
		25	13	19.19	19.18	19.24	20.50
		25	25	19.13	19.43	19.41	20.50
		50	0	19.07	19.21	19.16	20.50
	256QAM	1	0	19.20	19.27	19.29	20.50
		1	25	19.29	19.41	19.28	20.50
		1	49	19.59	19.51	19.46	20.50
		25	0	18.14	18.20	18.13	19.50
		25	13	18.11	18.28	18.19	19.50
		25	25	18.23	18.39	18.44	19.50
		50	0	18.24	18.30	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	18.80	19.13	18.94	20.50
		1	38	18.88	19.05	19.03	20.50
		1	74	19.01	19.16	19.28	20.50
		36	0	19.03	19.05	19.09	20.50
		36	18	19.09	19.24	19.05	20.50

		36	39	19.05	19.23	19.31	20.50	
		75	0	18.95	19.08	19.02	20.50	
	16QAM	1	0	19.14	19.38	19.19	20.50	
		1	38	19.12	19.26	19.26	20.50	
		1	74	19.22	19.37	19.32	20.50	
		36	0	18.89	18.96	18.80	20.50	
		36	18	18.90	18.89	18.92	20.50	
		36	39	18.86	19.04	19.09	20.50	
		75	0	19.10	19.13	19.06	20.50	
		64QAM	1	0	19.28	19.18	19.27	20.50
	1		38	19.25	19.53	19.45	20.50	
	1		74	19.29	19.39	19.44	20.50	
	36		0	18.98	19.15	19.11	20.50	
	36		18	19.17	19.19	19.22	20.50	
	36		39	19.11	19.44	19.43	20.50	
	75		0	19.07	19.22	19.21	20.50	
	256QAM	1	0	19.19	19.27	19.33	20.50	
		1	38	19.33	19.41	19.28	20.50	
		1	74	19.61	19.51	19.43	20.50	
		36	0	18.11	18.19	18.14	19.50	
		36	18	18.10	18.30	18.16	19.50	
		36	39	18.25	18.38	18.47	19.50	
		75	0	18.25	18.27	18.33	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>
					20850	21100	21350	
	<b>20MHz</b>	QPSK	1	0	18.87	19.58	19.05	20.50
			1	50	18.98	19.14	19.15	20.50
			1	99	19.14	19.25	19.23	20.50
50			0	18.94	19.12	19.09	20.50	
50			25	19.09	19.19	19.15	20.50	
50			50	19.15	19.51	19.31	20.50	
100			0	19.04	19.17	19.13	20.50	
16QAM		1	0	19.09	19.30	19.13	20.50	
		1	50	19.27	19.25	19.29	20.50	
		1	99	19.32	19.40	19.31	20.50	
		50	0	18.78	18.90	18.94	20.50	
		50	25	18.94	19.01	19.02	20.50	
		50	50	18.99	19.15	19.14	20.50	
		100	0	19.01	19.07	19.08	20.50	
64QAM		1	0	19.25	19.20	19.25	20.50	
		1	50	19.29	19.53	19.44	20.50	
		1	99	19.26	19.39	19.45	20.50	
		50	0	18.98	19.13	19.09	20.50	
		50	25	19.19	19.23	19.21	20.50	
		50	50	19.13	19.44	19.45	20.50	
		100	0	19.09	19.20	19.16	20.50	
256QAM		1	0	19.24	19.27	19.30	20.50	
		1	50	19.30	19.36	19.26	20.50	
		1	99	19.61	19.51	19.46	20.50	
		50	0	18.09	18.15	18.16	19.50	
		50	25	18.13	18.30	18.17	19.50	

		50	50	18.20	18.43	18.46	19.50
		100	0	18.28	18.26	18.33	19.50

LTE Band 38 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.55	22.63	22.51	24.00
		1	13	22.47	22.50	22.59	24.00
		1	24	22.53	22.47	22.58	24.00
		12	0	22.03	21.97	22.13	23.00
		12	6	22.04	22.03	22.00	23.00
		12	13	21.98	21.97	21.94	23.00
		25	0	22.03	22.09	21.94	23.00
	16QAM	1	0	22.02	22.01	22.16	23.00
		1	13	21.98	22.25	21.93	23.00
		1	24	21.97	22.01	22.06	23.00
		12	0	20.85	21.01	21.11	22.00
		12	6	21.12	20.99	21.12	22.00
		12	13	20.96	21.10	21.12	22.00
		25	0	21.01	21.07	21.00	22.00
	64QAM	1	0	20.97	21.08	20.93	22.00
		1	13	20.87	20.93	21.00	22.00
		1	24	20.96	20.91	21.00	22.00
		12	0	19.93	19.90	20.03	21.00
		12	6	19.99	19.95	19.93	21.00
		12	13	19.88	19.92	19.86	21.00
		25	0	19.97	19.99	19.89	21.00
	256QAM	1	0	19.92	19.94	20.09	21.00
		1	13	19.92	20.18	19.85	21.00
		1	24	19.90	19.93	19.97	21.00
		12	0	18.79	18.96	19.04	20.00
		12	6	19.07	18.91	19.03	20.00
		12	13	18.89	19.03	19.05	20.00
		25	0	18.91	18.98	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	22.59	22.52	22.52	24.00
		1	25	22.50	22.62	22.53	24.00
		1	49	22.37	22.62	22.47	24.00
		25	0	21.97	21.97	22.13	23.00
		25	13	22.13	22.08	22.06	23.00
		25	25	22.11	21.98	22.07	23.00
		50	0	21.96	22.07	22.07	23.00
	16QAM	1	0	22.02	22.17	22.08	23.00
		1	25	21.97	22.12	21.99	23.00
		1	49	21.91	22.08	21.89	23.00
		25	0	20.89	20.99	21.00	22.00
		25	13	21.01	21.09	21.11	22.00
		25	25	20.93	21.06	20.97	22.00
		50	0	21.03	21.02	20.92	22.00

		1	0	20.96	21.07	20.91	22.00
		1	25	20.89	20.92	21.00	22.00
		1	49	20.97	20.87	21.02	22.00
	64QAM	25	0	19.94	19.87	20.08	21.00
		25	13	19.95	19.93	19.92	21.00
		25	25	19.92	19.89	19.85	21.00
		50	0	19.95	20.00	19.85	21.00
		1	0	19.96	19.95	20.11	21.00
		1	25	19.88	20.18	19.84	21.00
		1	49	19.91	19.91	19.97	21.00
	256QAM	25	0	18.77	18.95	19.03	20.00
		25	13	19.07	18.89	19.03	20.00
		25	25	18.90	19.05	19.07	20.00
		50	0	18.96	19.01	18.95	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.54	22.67	22.46	24.00
		1	38	22.47	22.52	22.59	24.00
		1	74	22.53	22.56	22.55	24.00
		36	0	21.86	22.11	22.05	23.00
		36	18	22.11	21.97	22.04	23.00
		36	39	22.06	22.06	22.09	23.00
		75	0	21.99	22.04	22.06	23.00
	16QAM	1	0	21.88	22.07	22.08	23.00
		1	38	22.12	22.28	22.02	23.00
		1	74	21.94	22.07	22.04	23.00
		36	0	21.03	20.98	21.12	22.00
		36	18	20.98	21.05	21.10	22.00
		36	39	20.96	21.00	21.12	22.00
		75	0	20.99	20.95	20.98	22.00
	64QAM	1	0	21.00	21.05	20.95	22.00
		1	38	20.91	20.94	21.03	22.00
		1	74	20.97	20.92	20.98	22.00
		36	0	19.97	19.87	20.07	21.00
		36	18	19.94	19.97	19.90	21.00
		36	39	19.88	19.88	19.86	21.00
		75	0	19.97	20.04	19.85	21.00
	256QAM	1	0	19.97	19.96	20.08	21.00
		1	38	19.88	20.16	19.88	21.00
		1	74	19.89	19.95	19.98	21.00
		36	0	18.77	18.91	19.02	20.00
		36	18	19.05	18.92	19.04	20.00
		36	39	18.86	19.03	19.02	20.00
		75	0	18.92	19.01	18.93	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.67	22.69	22.61	24.00
		1	50	22.59	22.68	22.65	24.00
		1	99	22.57	22.65	22.65	24.00
		50	0	22.15	22.17	22.12	23.00
		50	25	22.16	22.16	22.14	23.00

		50	50	22.05	22.14	22.16	23.00
		100	0	22.14	22.11	22.13	23.00
	16QAM	1	0	22.04	22.19	22.24	23.00
		1	50	22.15	22.30	22.08	23.00
		1	99	22.06	22.11	22.08	23.00
		50	0	21.05	21.09	21.16	22.00
		50	25	21.18	21.14	21.16	22.00
		50	50	21.12	21.17	21.14	22.00
		100	0	21.16	21.12	21.11	22.00
		64QAM	1	0	20.99	21.07	20.94
	1		50	20.92	20.93	21.03	22.00
	1		99	20.94	20.90	21.02	22.00
	50		0	19.98	19.91	20.05	21.00
	50		25	19.94	19.97	19.92	21.00
	50		50	19.90	19.87	19.84	21.00
	100		0	19.93	19.99	19.85	21.00
	256QAM	1	0	19.97	19.92	20.08	21.00
		1	50	19.89	20.17	19.85	21.00
		1	99	19.92	19.92	20.00	21.00
		50	0	18.80	18.95	19.03	20.00
		50	25	19.04	18.89	19.04	20.00
		50	50	18.86	19.01	19.06	20.00
		100	0	18.91	18.97	18.95	20.00

LTE Band 38 Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.13	21.18	20.97	22.00
		1	13	21.15	21.05	21.13	22.00
		1	24	21.03	21.28	20.96	22.00
		12	0	21.05	20.99	21.05	22.00
		12	6	21.03	21.17	21.15	22.00
		12	13	21.02	21.12	21.22	22.00
		25	0	21.18	21.14	21.17	22.00
	16QAM	1	0	20.97	21.20	21.09	22.00
		1	13	21.09	21.01	21.03	22.00
		1	24	20.96	20.93	20.87	22.00
		12	0	20.85	21.01	21.11	22.00
		12	6	21.12	20.99	21.12	22.00
		12	13	20.96	21.10	21.12	22.00
		25	0	21.01	21.07	21.00	22.00
	64QAM	1	0	20.95	21.05	20.95	22.00
		1	13	20.92	20.95	21.02	22.00
		1	24	20.95	20.87	21.03	22.00
		12	0	19.98	19.90	20.06	21.00
		12	6	19.97	19.97	19.90	21.00
		12	13	19.90	19.87	19.84	21.00
		25	0	19.94	20.01	19.88	21.00
	256QAM	1	0	19.97	19.95	20.08	21.00
		1	13	19.90	20.17	19.83	21.00

		1	24	19.88	19.94	19.97	21.00
		12	0	18.75	18.92	19.06	20.00
		12	6	19.07	18.94	19.02	20.00
		12	13	18.86	19.05	19.04	20.00
		25	0	18.91	18.97	18.90	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	21.17	21.10	21.16	22.00
		1	25	21.12	21.08	21.05	22.00
		1	49	21.16	21.09	20.97	22.00
		25	0	21.00	21.12	21.22	22.00
		25	13	20.98	21.12	21.19	22.00
		25	25	21.16	21.13	21.14	22.00
		50	0	20.99	21.07	21.23	22.00
	16QAM	1	0	20.93	21.23	20.90	22.00
		1	25	21.12	21.09	21.04	22.00
		1	49	21.03	21.17	21.08	22.00
		25	0	20.89	20.99	21.00	22.00
		25	13	21.01	21.09	21.11	22.00
		25	25	20.93	21.06	20.97	22.00
		50	0	21.03	21.02	20.92	22.00
	64QAM	1	0	20.96	21.04	20.94	22.00
		1	25	20.92	20.90	21.01	22.00
		1	49	20.98	20.87	21.00	22.00
		25	0	19.93	19.89	20.05	21.00
		25	13	19.96	19.98	19.92	21.00
		25	25	19.91	19.87	19.89	21.00
		50	0	19.98	19.99	19.89	21.00
	256QAM	1	0	19.97	19.91	20.10	21.00
		1	25	19.88	20.19	19.83	21.00
		1	49	19.89	19.95	19.98	21.00
		25	0	18.80	18.94	19.04	20.00
		25	13	19.07	18.90	19.07	20.00
		25	25	18.89	19.05	19.03	20.00
		50	0	18.91	19.02	18.92	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.14	21.04	21.16	22.00
		1	38	21.13	21.21	21.15	22.00
		1	74	21.08	21.07	21.15	22.00
		36	0	20.93	21.14	21.05	22.00
		36	18	21.01	20.99	21.25	22.00
		36	39	21.05	21.18	21.22	22.00
		75	0	21.15	21.16	21.11	22.00
	16QAM	1	0	20.85	21.26	20.96	22.00
		1	38	21.24	21.02	21.23	22.00
		1	74	21.04	20.95	21.05	22.00
		36	0	21.03	20.98	21.12	22.00
		36	18	20.98	21.05	21.10	22.00
		36	39	20.96	21.00	21.12	22.00
		75	0	20.99	20.95	20.98	22.00

	64QAM	1	0	21.00	21.06	20.91	22.00
		1	38	20.90	20.93	21.01	22.00
		1	74	20.95	20.92	20.98	22.00
		36	0	19.93	19.89	20.03	21.00
		36	18	19.98	19.98	19.92	21.00
		36	39	19.89	19.88	19.87	21.00
		75	0	19.96	20.01	19.86	21.00
	256QAM	1	0	19.96	19.96	20.10	21.00
		1	38	19.93	20.19	19.88	21.00
		1	74	19.89	19.96	20.00	21.00
		36	0	18.75	18.92	19.04	20.00
		36	18	19.04	18.92	19.02	20.00
		36	39	18.91	19.05	19.07	20.00
		75	0	18.95	19.01	18.92	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	21.10	21.11	21.09	22.00
		1	50	21.07	21.19	21.18	22.00
		1	99	21.08	21.18	21.09	22.00
		50	0	21.03	21.12	21.12	22.00
		50	25	21.13	21.14	21.18	22.00
		50	50	21.09	21.18	21.12	22.00
		100	0	21.09	21.10	21.13	22.00
	16QAM	1	0	20.99	21.17	21.01	22.00
		1	50	21.17	21.09	21.18	22.00
		1	99	21.00	21.07	21.00	22.00
		50	0	21.05	21.09	21.16	22.00
		50	25	21.18	21.14	21.16	22.00
		50	50	21.12	21.17	21.14	22.00
		100	0	21.16	21.12	21.11	22.00
	64QAM	1	0	20.97	21.08	20.94	22.00
		1	50	20.89	20.95	21.02	22.00
		1	99	20.93	20.91	21.00	22.00
		50	0	19.97	19.91	20.03	21.00
		50	25	19.94	19.97	19.92	21.00
		50	50	19.89	19.91	19.87	21.00
		100	0	19.95	20.04	19.87	21.00
	256QAM	1	0	19.92	19.96	20.06	21.00
		1	50	19.88	20.17	19.85	21.00
		1	99	19.88	19.95	19.96	21.00
		50	0	18.78	18.93	19.01	20.00
		50	25	19.06	18.90	19.07	20.00
		50	50	18.91	19.00	19.06	20.00
		100	0	18.91	19.01	18.91	20.00

LTE Band 41 Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
<b>5MHz</b>	QPSK	1	0	22.47	22.44	22.43	22.36	22.20	24.00
		1	13	22.57	22.57	22.63	22.55	22.31	24.00

		1	24	22.57	22.53	22.53	22.49	22.24	24.00	
		12	0	22.08	22.09	22.05	21.95	21.75	23.00	
		12	6	22.08	22.15	22.12	22.05	21.86	23.00	
		12	13	22.08	22.06	22.08	22.02	21.80	23.00	
		25	0	22.09	22.09	22.08	21.95	21.76	23.00	
	16QAM	1	0	21.93	22.02	22.05	22.02	21.71	23.00	
		1	13	22.11	22.16	22.12	22.04	21.84	23.00	
		1	24	22.07	22.04	22.07	21.92	21.85	23.00	
		12	0	21.07	21.07	21.14	21.03	20.73	22.00	
		12	6	21.12	21.07	21.09	21.09	20.87	22.00	
		12	13	21.01	21.04	21.10	21.03	20.87	22.00	
	64QAM	25	0	21.09	21.12	21.13	20.97	20.76	22.00	
		1	0	20.89	20.89	20.88	20.81	20.61	22.00	
		1	13	20.99	20.87	21.03	20.98	20.75	22.00	
		1	24	20.98	20.84	20.97	20.92	20.69	22.00	
		12	0	20.02	19.99	19.97	19.89	19.70	21.00	
		12	6	19.99	20.05	20.05	19.95	19.77	21.00	
		12	13	19.98	20.00	20.03	19.94	19.73	21.00	
	256QAM	25	0	20.03	19.99	20.01	19.88	19.71	21.00	
		1	0	19.86	19.93	19.99	19.97	19.66	21.00	
		1	13	20.06	20.07	20.02	19.99	19.75	21.00	
		1	24	20.02	19.98	20.02	19.87	19.76	21.00	
		12	0	18.98	19.00	19.07	18.97	18.64	20.00	
		12	6	19.07	18.99	18.99	19.03	18.78	20.00	
		12	13	18.92	18.98	19.05	18.95	18.81	20.00	
	25	0	19.01	19.04	19.04	18.91	18.68	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>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					39700	40160	40620	41080	41540	
<b>10MHz</b>	QPSK	1	0	22.54	22.56	22.55	22.50	22.33	24.00	
		1	25	22.52	22.57	22.59	22.48	22.31	24.00	
		1	49	22.52	22.50	22.55	22.38	22.20	24.00	
		25	0	22.10	22.04	22.05	21.99	21.78	23.00	
		25	13	22.13	22.17	22.15	22.08	21.80	23.00	
		25	25	22.14	22.14	22.14	22.05	21.86	23.00	
		50	0	22.13	22.15	22.15	22.01	21.79	23.00	
	16QAM	1	0	22.10	22.00	22.21	22.05	21.94	23.00	
		1	25	22.02	22.07	22.06	22.20	21.82	23.00	
		1	49	22.08	22.00	22.05	21.94	21.89	23.00	
		25	0	21.10	21.05	21.08	21.00	20.82	22.00	
		25	13	21.18	21.16	21.16	21.10	20.81	22.00	
		25	25	21.18	21.12	21.15	21.05	20.85	22.00	
		50	0	21.15	21.17	21.16	21.00	20.84	22.00	
	64QAM	1	0	20.88	20.88	20.86	20.78	20.61	22.00	
		1	25	20.97	20.91	21.03	20.96	20.73	22.00	
		1	49	20.99	20.84	20.95	20.89	20.68	22.00	
		25	0	20.00	20.01	19.96	19.89	19.66	21.00	
		25	13	20.02	20.06	20.04	20.00	19.78	21.00	
		25	25	20.01	19.98	19.98	19.95	19.75	21.00	
		50	0	19.99	20.02	19.99	19.86	19.71	21.00	
	256QAM	1	0	19.84	19.94	19.96	19.94	19.65	21.00	
		1	25	20.03	20.11	20.03	19.98	19.74	21.00	

		1	49	20.02	19.99	20.00	19.85	19.75	21.00	
		25	0	19.01	19.00	19.09	18.94	18.65	20.00	
		25	13	19.05	18.98	18.99	19.00	18.82	20.00	
		25	25	18.92	18.98	19.02	18.96	18.81	20.00	
		50	0	19.03	19.07	19.06	18.91	18.68	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	22.42	22.45	22.47	22.34	22.25	24.00	
		1	38	22.37	22.37	22.43	22.33	22.13	24.00	
		1	74	22.40	22.45	22.41	22.35	22.09	24.00	
		36	0	22.03	21.98	21.97	21.89	21.69	23.00	
		36	18	22.01	22.04	22.01	21.87	21.65	23.00	
		36	39	22.02	22.00	21.99	21.90	21.69	23.00	
	16QAM	75	0	22.02	22.04	22.02	21.87	21.66	23.00	
		1	0	22.02	21.97	21.96	22.01	21.69	23.00	
		1	38	21.87	21.96	21.98	21.87	21.74	23.00	
		1	74	21.92	21.96	21.96	21.87	21.70	23.00	
		36	0	21.07	21.00	20.97	20.92	20.70	22.00	
		36	18	21.02	21.05	21.02	20.90	20.69	22.00	
	64QAM	36	39	21.04	21.04	21.02	20.93	20.68	22.00	
		75	0	21.04	21.05	21.04	20.88	20.67	22.00	
		1	0	20.87	20.88	20.85	20.79	20.62	22.00	
		1	38	20.98	20.89	21.05	20.97	20.72	22.00	
		1	74	20.97	20.87	20.96	20.94	20.65	22.00	
		36	0	19.99	20.01	19.99	19.85	19.65	21.00	
	256QAM	36	18	19.98	20.05	20.04	19.95	19.76	21.00	
		36	39	19.98	19.96	19.98	19.92	19.70	21.00	
		75	0	20.00	20.02	19.98	19.88	19.66	21.00	
		1	0	19.88	19.94	20.00	19.97	19.65	21.00	
		1	38	20.02	20.08	20.02	19.95	19.76	21.00	
		1	74	20.01	19.94	19.99	19.83	19.80	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39750	40185	40620	41055	41490	
	20MHz	QPSK	1	0	22.46	22.52	22.56	22.43	22.31	24.00
			1	50	22.41	22.42	22.42	22.35	22.12	24.00
1			99	22.51	22.54	22.56	22.34	22.10	24.00	
50			0	22.07	22.08	22.09	21.95	21.75	23.00	
50			25	22.08	22.07	22.06	21.97	21.79	23.00	
50			50	22.04	22.05	22.03	21.94	21.71	23.00	
16QAM		100	0	22.09	22.08	22.06	21.95	21.70	23.00	
		1	0	21.96	22.03	22.05	21.99	21.80	23.00	
		1	50	22.30	22.14	22.24	22.07	21.81	23.00	
		1	99	21.97	22.10	21.92	21.89	21.69	23.00	
		50	0	21.11	21.10	20.99	20.94	20.75	22.00	
		50	25	21.06	21.09	21.05	20.99	20.77	22.00	
		50	50	21.07	21.05	21.05	20.95	20.76	22.00	
		100	0	21.10	21.08	21.05	20.99	20.72	22.00	

	64QAM	1	0	20.89	20.86	20.86	20.81	20.63	22.00
		1	50	21.01	20.92	21.03	20.99	20.71	22.00
		1	99	20.99	20.88	20.93	20.94	20.66	22.00
		50	0	19.98	20.01	19.98	19.89	19.70	21.00
		50	25	20.02	20.08	20.04	20.00	19.76	21.00
		50	50	20.03	19.98	20.01	19.96	19.74	21.00
		100	0	20.03	20.01	20.01	19.88	19.68	21.00
	256QAM	1	0	19.88	19.97	19.99	19.93	19.63	21.00
		1	50	20.02	20.08	20.07	19.98	19.75	21.00
		1	99	19.97	19.99	20.00	19.83	19.75	21.00
		50	0	19.01	19.01	19.04	18.94	18.67	20.00
		50	25	19.03	18.97	19.03	19.00	18.82	20.00
		50	50	18.93	18.96	19.04	18.93	18.82	20.00
		100	0	19.01	19.02	19.07	18.91	18.70	20.00

LTE Band 41 Receiver off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.40	21.36	21.38	21.29	21.12	23.00
		1	13	21.50	21.49	21.54	21.46	21.26	23.00
		1	24	21.52	21.43	21.43	21.42	21.17	23.00
		12	0	21.98	21.94	21.95	21.84	21.65	23.00
		12	6	21.96	22.03	21.99	21.92	21.71	23.00
		12	13	21.98	21.96	21.94	21.92	21.68	23.00
		25	0	21.99	21.96	21.95	21.84	21.65	23.00
	16QAM	1	0	21.80	21.89	21.91	21.89	21.58	23.00
		1	13	21.99	22.02	22.00	21.93	21.72	23.00
		1	24	21.97	21.94	21.92	21.82	21.73	23.00
		12	0	20.97	20.94	20.99	20.89	20.63	22.00
		12	6	20.99	20.94	20.95	20.98	20.72	22.00
		12	13	20.88	20.94	20.98	20.92	20.76	22.00
		25	0	20.97	21.01	21.03	20.86	20.61	22.00
	64QAM	1	0	20.91	20.84	20.88	20.76	20.61	22.00
		1	13	20.98	20.89	21.05	20.99	20.75	22.00
		1	24	20.97	20.86	20.95	20.89	20.68	22.00
		12	0	19.99	20.02	20.00	19.90	19.70	21.00
		12	6	20.01	20.08	20.06	20.00	19.80	21.00
		12	13	20.03	19.96	20.01	19.93	19.73	21.00
		25	0	20.04	20.01	20.02	19.85	19.70	21.00
	256QAM	1	0	19.86	19.96	19.99	19.95	19.65	21.00
		1	13	20.01	20.08	20.06	19.98	19.74	21.00
		1	24	19.97	19.98	20.02	19.85	19.79	21.00
		12	0	19.02	19.00	19.06	18.98	18.68	20.00
		12	6	19.05	19.00	19.03	19.00	18.80	20.00
		12	13	18.94	18.96	19.00	18.96	18.82	20.00
		25	0	19.03	19.07	19.03	18.89	18.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.44	21.50	21.49	21.45	21.28	23.00
		1	25	21.46	21.51	21.49	21.41	21.26	23.00
		1	49	21.45	21.45	21.47	21.30	21.10	23.00
		25	0	21.98	21.92	21.90	21.89	21.67	23.00
		25	13	22.00	22.03	22.03	21.96	21.66	23.00
		25	25	22.00	21.99	22.04	21.94	21.72	23.00
		50	0	22.01	22.04	22.03	21.88	21.69	23.00
	16QAM	1	0	21.95	21.90	22.09	21.92	21.81	23.00
		1	25	21.92	21.97	21.94	22.08	21.70	23.00
		1	49	21.95	21.89	21.94	21.83	21.75	23.00
		25	0	20.97	20.92	20.95	20.85	20.68	22.00
		25	13	21.05	21.03	21.04	20.97	20.68	22.00
		25	25	21.05	20.97	21.02	20.91	20.71	22.00
	64QAM	50	0	21.03	21.06	21.06	20.90	20.72	22.00
		1	0	20.92	20.86	20.88	20.76	20.63	22.00
		1	25	21.02	20.89	21.05	20.95	20.72	22.00

		1	49	20.98	20.86	20.98	20.91	20.67	22.00
		25	0	20.02	20.01	19.97	19.90	19.69	21.00
		25	13	20.02	20.07	20.07	19.97	19.77	21.00
		25	25	19.99	20.00	20.01	19.97	19.71	21.00
		50	0	19.99	20.04	20.01	19.87	19.70	21.00
	256QAM	1	0	19.84	19.93	19.95	19.95	19.63	21.00
		1	25	20.04	20.09	20.07	19.94	19.78	21.00
		1	49	19.99	19.98	20.01	19.86	19.80	21.00
		25	0	18.98	19.00	19.06	18.98	18.63	20.00
		25	13	19.06	18.98	19.02	19.02	18.79	20.00
		25	25	18.95	18.99	19.01	18.98	18.77	20.00
		50	0	19.02	19.07	19.03	18.90	18.68	20.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
<b>15MHz</b>	QPSK	1	0	21.36	21.40	21.37	21.29	21.17	23.00
		1	38	21.27	21.27	21.35	21.28	21.07	23.00
		1	74	21.35	21.36	21.34	21.25	21.04	23.00
		36	0	21.92	21.88	21.83	21.75	21.55	23.00
		36	18	21.88	21.90	21.86	21.75	21.53	23.00
		36	39	21.90	21.88	21.85	21.76	21.58	23.00
		75	0	21.90	21.92	21.87	21.73	21.51	23.00
	16QAM	1	0	21.92	21.83	21.82	21.88	21.59	23.00
		1	38	21.77	21.84	21.83	21.76	21.64	23.00
		1	74	21.82	21.81	21.83	21.75	21.57	23.00
		36	0	20.95	20.88	20.85	20.82	20.58	22.00
		36	18	20.89	20.91	20.87	20.80	20.57	22.00
		36	39	20.90	20.89	20.90	20.79	20.53	22.00
		75	0	20.91	20.92	20.93	20.74	20.56	22.00
	64QAM	1	0	20.88	20.85	20.84	20.78	20.63	22.00
		1	38	21.02	20.90	21.07	20.99	20.75	22.00
		1	74	21.01	20.85	20.96	20.90	20.68	22.00
		36	0	20.02	20.00	19.99	19.88	19.70	21.00
		36	18	20.03	20.10	20.05	20.00	19.80	21.00
		36	39	20.00	19.98	19.99	19.97	19.74	21.00
		75	0	20.00	20.01	20.02	19.85	19.66	21.00
	256QAM	1	0	19.87	19.93	19.96	19.93	19.64	21.00
		1	38	20.02	20.06	20.04	19.95	19.75	21.00
		1	74	20.00	19.97	19.99	19.83	19.80	21.00
		36	0	18.99	18.98	19.05	18.94	18.63	20.00
		36	18	19.05	18.98	19.01	19.03	18.82	20.00
		36	39	18.93	18.98	19.05	18.95	18.80	20.00
		75	0	18.99	19.05	19.06	18.89	18.68	20.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
<b>20MHz</b>	QPSK	1	0	21.89	21.94	21.95	21.83	21.72	23.00
		1	50	21.82	21.87	21.84	21.80	21.53	23.00
		1	99	22.11	21.95	21.84	21.74	21.51	23.00
		50	0	21.99	21.95	21.88	21.85	21.60	23.00
		50	25	21.96	21.99	21.96	21.82	21.67	23.00
		50	50	21.99	21.94	21.90	21.80	21.56	23.00
		100	0	21.99	21.97	21.94	21.80	21.59	23.00

	16QAM	1	0	21.82	21.88	21.93	21.88	21.70	23.00
		1	50	22.20	22.01	22.10	21.92	21.68	23.00
		1	99	21.84	21.97	21.80	21.74	21.59	23.00
		50	0	20.99	20.96	20.88	20.80	20.65	22.00
		50	25	20.94	20.95	20.93	20.87	20.65	22.00
		50	50	20.94	20.94	20.91	20.82	20.61	22.00
		100	0	20.95	20.97	20.91	20.88	20.57	22.00
	64QAM	1	0	20.89	20.87	20.84	20.81	20.65	22.00
		1	50	20.97	20.88	21.07	20.97	20.74	22.00
		1	99	21.00	20.84	20.97	20.89	20.69	22.00
		50	0	20.00	20.00	19.97	19.89	19.67	21.00
		50	25	20.01	20.09	20.06	20.00	19.77	21.00
		50	50	19.98	19.96	20.01	19.94	19.72	21.00
	256QAM	100	0	20.04	19.99	20.00	19.88	19.69	21.00
		1	0	19.83	19.96	20.00	19.93	19.62	21.00
		1	50	20.04	20.11	20.03	19.96	19.79	21.00
		1	99	19.98	19.94	20.00	19.84	19.76	21.00
		50	0	19.02	18.97	19.05	18.96	18.66	20.00
		50	25	19.04	18.99	19.01	18.99	18.82	20.00
		50	50	18.92	18.96	19.04	18.97	18.81	20.00
	100	0	19.00	19.07	19.04	18.91	18.71	20.00	

## 7 Conducted Power of LTE Uplink CA

Ant3																
Combination	Modulation	PCC						SCC					Full Power		Sensor on/hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.85	25.70	17.26	17.70
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	24.94	25.70	17.29	17.70
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	24.95	25.70	17.34	17.70
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	24.79	25.70	17.22	17.70

Ant3																
Combination	Modulation	PCC						SCC					Full Power		Sensor on/hotspot on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	24.89	25.70	21.85	22.20
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.77	25.70	21.66	22.20
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	24.76	25.70	21.74	22.20
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	24.69	25.70	21.66	22.20

Ant4																				
Combination	Modulation	PCC						SCC					Full Power		Receiver on / Hotspot on		Sensor on		Sensor off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	23.09	24.50	12.30	13.50	17.39	18.50	21.55	22.50
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	23.10	24.50	12.29	13.50	17.45	18.50	21.54	22.50
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	23.11	24.50	12.35	13.50	17.39	18.50	21.59	22.50
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	23.08	24.50	12.34	13.50	17.41	18.50	21.60	22.50

Ant4																		
Combination	Modulation	PCC						SCC					Full Power		Receiver on / Hotspot on		Sensor on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	22.74	24.50	14.85	16.00	18.75	20.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.65	24.50	14.66	16.00	18.85	20.00
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	22.74	24.50	14.74	16.00	18.83	20.00
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	22.88	24.50	14.69	16.00	18.79	20.00

Ant5																		
Combination	Modulation	PCC						SCC					Full Power		Receiver on / Hotspot on		Sensor on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.85	25.70	17.96	18.20	21.01	21.20
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	24.79	25.70	17.85	18.20	20.99	21.20
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	24.81	25.70	17.99	18.20	21.05	21.20
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	24.88	25.70	17.81	18.20	21.00	21.20

Ant5																		
Combination	Modulation	PCC						SCC					Full Power		Receiver on / Hotspot on		Sensor on	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	24.85	25.70	18.78	19.20	22.24	22.70
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.69	25.70	18.84	19.20	22.31	22.70
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	24.71	25.70	18.69	19.20	22.30	22.70
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	24.80	25.70	17.77	19.20	22.31	22.70

Ant6																	
Combination	Modulation	PCC						SCC					Receiver on		Receiver off		
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.84	23.50	19.25	20.50	
CA_7C	QPSK	7	20	21099	1	99	3099	7	20	21297	1	0	22.90	23.50	19.24	20.50	
CA_7C	QPSK	7	20	21099	1	0	3099	7	20	20901	1	99	22.87	23.50	19.30	20.50	
CA_7C	QPSK	7	20	21152	1	0	3152	7	20	21350	1	99	22.91	23.50	19.25	20.50	

Ant6																	
Combination	Modulation	PCC						SCC					Receiver on		Receiver off		
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	
CA_38C	QPSK	38	20	38750	1	99	38750	38	20	38948	1	0	22.59	24.00	21.19	22.00	
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	22.48	24.00	21.10	22.00	
CA_38C	QPSK	38	20	37901	1	0	37901	38	20	37703	1	99	22.49	24.00	21.15	22.00	
CA_38C	QPSK	38	20	37952	1	0	37952	38	20	38150	1	99	22.46	24.00	21.11	22.00	

## 8 Conducted Power of LTE Downlink CA

CA Configuration (BCS)	PCC								SCC1				SCC2				Power	
	LTE Band	Ant	BW (MHz)	Mod.	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
CA_2C	Band 2	3	20M	QPSK	1880	18900	1	0	Band 2	20M	1979.8	1098	-	-	-	-	24.89	25.03
CA_2C	Band 2	5	20M	QPSK	1880	18900	1	0	Band 2	20M	1979.8	1098	-	-	-	-	25.01	25.05
CA_38C(4x4 MIMO)	Band 38	3	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	24.91	25.04
CA_38C(4x4 MIMO)	Band 38	4	20M	QPSK	38150	2610	1	50	Band 38	20M	2590.2	37952	-	-	-	-	22.79	22.82
CA_38C(4x4 MIMO)	Band 38	5	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	24.91	24.93
CA_38C(4x4 MIMO)	Band 38	6	20M	QPSK	37901	2585.1	1	0	Band 38	20M	2604.9	38099	-	-	-	-	22.65	22.69
CA_41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	3	20M	QPSK	39750	2506	1	50	Band 41	5M	2687.5	41565	-	-	-	-	24.88	24.91
CA_41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	4	20M	QPSK	41055	2636.5	1	0	Band 41	5M	2498.5	39675	-	-	-	-	23.11	23.14
CA_41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	5	20M	QPSK	41490	2680	1	0	Band 41	5M	2498.5	39675	-	-	-	-	24.78	24.81
CA_41A(4x4 MIMO)-41A(4x4 MIMO)	Band 41	6	20M	QPSK	40620	2593	1	99	Band 41	5M	2687.5	41565	-	-	-	-	22.35	22.56
CA_41C(4x4 MIMO)	Band 41	3	20M	QPSK	39750	2506	1	50	Band 41	20M	2525.8	39948	-	-	-	-	24.78	24.91
CA_41C(4x4 MIMO)	Band 41	4	20M	QPSK	41055	2636.5	1	0	Band 41	20M	2656.3	41253	-	-	-	-	23.01	23.14
CA_41C(4x4 MIMO)	Band 41	5	20M	QPSK	41490	2680	1	0	Band 41	20M	2660.2	41292	-	-	-	-	24.77	24.81
CA_41C(4x4 MIMO)	Band 41	6	20M	QPSK	40620	2593	1	99	Band 41	20M	2612.8	40818	-	-	-	-	22.43	22.56
CA_5A-41A(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 41	20M	2593	40620	-	-	-	-	24.16	24.28
CA_5A-41A(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 41	20M	2593	40620	-	-	-	-	23.40	23.42
CA_2A-4A(4x4 MIMO)-5A	Band 2	3	20M	QPSK	1880	18900	1	0	Band 4	20M	2132.5	2175	5	10M	881.5	2525	24.89	25.03
CA_2A-4A(4x4 MIMO)-5A	Band 2	5	20M	QPSK	1880	18900	1	0	Band 4	20M	2132.5	2175	5	10M	881.5	2525	24.81	25.05
CA_2A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 2	3	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	24.78	25.03
CA_2A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 2	5	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	24.88	25.05
CA_2A-7C(4x4 MIMO)	Band 2	3	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.91	25.03
CA_2A-7C(4x4 MIMO)	Band 2	5	20M	QPSK	1880	18900	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.95	25.05
CA_4A-7C(4x4 MIMO)	Band 4	3	20M	QPSK	20300	1745	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.91	24.97
CA_4A-7C(4x4 MIMO)	Band 4	4	20M	QPSK	20050	1720	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	23.45	23.67
CA_4A-7C(4x4 MIMO)	Band 4	5	20M	QPSK	20300	1745	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.88	24.95
CA_4A-7C(4x4 MIMO)	Band 4	6	20M	QPSK	20050	1720	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	22.91	22.96
CA_5A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	24.28	24.28
CA_5A-7A(4x4 MIMO)-7A(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	5M	2687.5	3425	23.20	23.42
CA_5A-7C(4x4 MIMO)	Band 5	0	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.29	24.28
CA_5A-7C(4x4 MIMO)	Band 5	1	10M	QPSK	20525	836.5	1	0	Band 7	20M	2655	3100	7	20M	2674.8	3298	24.38	23.42

## 9. Conducted Power of NR SA Antenna

### 9.1 Conducted Power of NR Antenna (Ant0)

NR N5 Full Power				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	24.04	23.86	23.68	25.00	
		1	53	23.98	23.84	23.74	25.00	
		1	104	23.80	23.74	23.71	25.00	
		50	0	22.98	22.72	22.70	24.00	
		50	28	23.87	23.70	23.62	25.00	
		50	56	22.87	22.65	22.67	24.00	
	DFT-s-OFDM QPSK	100	0	22.85	22.65	22.70	24.00	
		1	1	24.02	24.07	24.01	25.00	
		1	53	24.00	23.86	23.78	25.00	
		1	104	23.85	23.72	23.70	25.00	
		50	0	22.95	22.71	22.73	24.00	
		50	28	23.87	23.68	23.66	25.00	
	DFT-s-OFDM 16QAM	50	56	22.89	22.68	22.66	24.00	
		100	0	22.83	22.66	22.69	24.00	
		DFT-s-OFDM 16QAM	1	1	22.76	22.62	22.82	24.00
		DFT-s-OFDM 64QAM	1	1	21.51	21.43	21.84	22.50
DFT-s-OFDM 256QAM	1	1	19.43	19.28	19.22	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.18	21.20	21.05	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	24.02	23.75	23.75	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343000	349500	356000		
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.95	23.76	23.71	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				342500	349500	356500		
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	24.01	23.77	23.64	25.00	

NR N5 Hotspot on/Sensor 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	21.99	21.77	21.62	23.00
		1	53	21.90	21.75	21.66	23.00
		1	104	21.73	21.65	21.66	23.00
		50	0	20.88	20.65	20.64	22.00
		50	28	21.82	21.63	21.52	23.00
		50	56	20.82	20.55	20.62	22.00
	DFT-s-OFDM QPSK	100	0	20.80	20.60	20.65	22.00
		1	1	21.89	21.93	21.85	23.00
		1	53	21.92	21.80	21.73	23.00
		1	104	21.78	21.64	21.61	23.00
		50	0	20.88	20.63	20.66	22.00
		50	28	21.79	21.60	21.58	23.00
	DFT-s-OFDM 16QAM	50	56	20.79	20.63	20.59	22.00
		100	0	20.73	20.57	20.63	22.00
		1	1	20.71	20.52	20.76	22.00
DFT-s-OFDM 64QAM	1	1	19.46	19.36	19.75	20.50	
DFT-s-OFDM 256QAM	1	1	17.34	17.18	17.15	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.18	21.20	21.05	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.67	22.75	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.95	22.76	22.71	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.77	22.64	24.00

## 9.2 Conducted Power of NR Antenna (Ant1)

NR N5 Full Power				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	23.25	23.29	23.13	24.00	
		1	53	22.42	22.57	22.51	24.00	
		1	104	22.91	23.01	22.98	24.00	
		50	0	21.84	21.88	21.75	23.00	
		50	28	22.85	22.86	22.88	24.00	
		50	56	22.20	22.23	21.92	23.00	
	DFT-s-OFDM QPSK	100	0	21.88	21.81	21.88	23.00	
		1	1	23.27	23.18	23.28	24.00	
		1	53	22.48	22.52	22.55	24.00	
		1	104	22.93	23.06	23.00	24.00	
		50	0	21.80	21.82	21.77	23.00	
		50	28	22.86	22.92	22.93	24.00	
			50	56	22.16	22.18	21.97	23.00
			100	0	21.85	21.80	21.82	23.00
		DFT-s-OFDM 16QAM	1	1	22.23	22.33	22.29	23.00
	DFT-s-OFDM 64QAM	1	1	20.87	20.83	20.75	21.50	
	DFT-s-OFDM 256QAM	1	1	18.62	18.66	18.71	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800		
				21.45	21.36	21.41	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	343500	349500	355500		
				23.23	23.09	23.19	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800		
				23.22	23.11	23.15	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300		
				23.18	23.15	23.16	24.00	

NR n77 Full Power				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	/	22.78	/	23.00	
		1	137	/	22.67	/	23.00	
		1	271	/	22.76	/	23.00	
		135	0	/	21.71	/	22.00	
		135	69	/	22.63	/	23.00	
		135	138	/	21.62	/	22.00	
			270	0	/	21.64	/	22.00
		DFT-s-OFDM QPSK	1	1	/	22.90	/	23.00
	1		137	/	22.71	/	23.00	
	1		271	/	22.78	/	23.00	
	135		0	/	21.66	/	22.00	
	135		69	/	22.65	/	23.00	
	135		138	/	21.63	/	22.00	
			270	0	/	21.61	/	22.00
		DFT-s-OFDM 16QAM	1	1	/	21.98	/	22.00
		DFT-s-OFDM 64QAM	1	1	/	20.45	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	18.30	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.67	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.87	/	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	/	22.67	/	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	/	22.65	/	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	/	22.77	/	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	/	22.77	/	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	/	22.85	/	23.00	

NR n77 Full Power				Conducted Power(dBm)						
SCS 30kHz(3700-3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.84	22.40	22.23	22.01	21.89	21.95	23.00
		1	137	22.79	22.25	22.16	22.20	22.05	22.26	23.00
		1	271	21.93	21.93	21.88	21.88	21.93	21.90	23.00
		135	0	21.79	21.74	21.69	21.61	21.71	21.62	22.00
		135	69	22.13	22.06	22.12	22.06	22.24	22.27	23.00
		135	138	21.52	21.65	21.47	21.48	21.52	21.55	22.00
	DFT-s-OFDM QPSK	270	0	21.60	21.82	21.65	21.59	21.54	21.64	22.00
		1	1	22.91	22.38	22.18	22.02	21.92	22.05	23.00
		1	137	22.85	22.34	22.23	22.21	22.12	22.17	23.00
		1	271	21.93	21.93	21.90	21.88	21.89	21.91	23.00
		135	0	21.74	21.83	21.64	21.69	21.66	21.63	22.00
		135	69	22.14	22.11	22.21	22.15	22.15	22.25	23.00
		135	138	21.53	21.55	21.44	21.58	21.65	21.57	22.00
		270	0	21.65	21.73	21.74	21.61	21.59	21.65	22.00
DFT-s-OFDM 16QAM	1	1	21.89	21.94	21.88	21.87	21.88	21.97	22.00	
DFT-s-OFDM 64QAM	1	1	19.42	19.51	19.64	19.43	19.46	19.50	20.50	
DFT-s-OFDM 256QAM	1	1	17.51	17.48	17.46	17.41	17.50	17.56	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	20.10	20.03	20.11	20.08	20.12	20.22	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.74	22.78	22.59	22.70	22.06	21.94	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.74	22.69	22.67	22.57	22.01	22.20	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.68	22.78	22.60	22.71	22.04	21.89	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.68	22.78	22.59	22.72	21.99	21.93	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.72	22.80	22.63	22.75	22.05	21.92	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.71	22.79	22.64	22.76	22.03	21.91	23.00

NR n78 Power Class 2 Full Power				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	/	24.79	/	26.50	
		1	137	/	24.78	/	26.50	
		1	271	/	24.73	/	26.50	
		135	0	/	23.87	/	25.50	
		135	69	/	24.71	/	26.50	
		135	138	/	23.86	/	25.50	
			270	0	/	23.93	/	25.50
	DFT-s-OFDM QPSK	1	1	/	24.85	/	26.50	
		1	137	/	24.81	/	26.50	
		1	271	/	24.72	/	26.50	
		135	0	/	23.85	/	25.50	
		135	69	/	24.70	/	26.50	
		135	138	/	23.81	/	25.50	
			270	0	/	23.88	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	24.12	/	25.50	
	DFT-s-OFDM 64QAM	1	1	/	22.45	/	24.00	
	DFT-s-OFDM 256QAM	1	1	/	20.31	/	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
100MHz	CP-OFDM QPSK	1	1	/	23.28	/	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
90MHz	DFT-s-OFDM QPSK	1	1	/	24.76	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
80MHz	DFT-s-OFDM QPSK	1	1	/	24.55	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
60MHz	DFT-s-OFDM QPSK	1	1	/	24.56	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
50MHz	DFT-s-OFDM QPSK	1	1	/	24.62	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
40MHz	DFT-s-OFDM QPSK	1	1	/	24.66	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
30MHz	DFT-s-OFDM QPSK	1	1	/	24.73	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
20MHz	DFT-s-OFDM QPSK	1	1	/	24.76	/	26.50	

NR n78 Power Class 2 Full Power				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	/	24.73	/	26.50	
		1	137	/	24.71	/	26.50	
		1	271	/	24.66	/	26.50	
		135	0	/	23.77	/	25.50	
		135	69	/	24.66	/	26.50	
		135	138	/	23.78	/	25.50	
	DFT-s-OFDM QPSK	270	0	/	23.85	/	25.50	
		1	1	/	24.88	/	26.50	
		1	137	/	24.81	/	26.50	
		1	271	/	24.66	/	26.50	
		135	0	/	23.75	/	25.50	
		135	69	/	24.63	/	26.50	
					/	23.76	/	25.50
					/	23.79	/	25.50
		DFT-s-OFDM 16QAM	1	1	/	24.07	/	25.50
	DFT-s-OFDM 64QAM	1	1	/	22.40	/	24.00	
	DFT-s-OFDM 256QAM	1	1	/	20.26	/	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	23.02	/	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.70	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.65	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	/	24.76	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.66	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.76	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.77	/	26.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	24.76	/	26.50	

NR n78 Power Class 3 Full Power				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	/	23.74	/	24.50	
		1	137	/	23.76	/	24.50	
		1	271	/	23.72	/	24.50	
		135	0	/	22.82	/	23.50	
		135	69	/	23.67	/	24.50	
		135	138	/	22.86	/	23.50	
			270	0	/	22.93	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.84	/	24.50	
		1	137	/	23.81	/	24.50	
		1	271	/	23.70	/	24.50	
		135	0	/	22.81	/	23.50	
		135	69	/	23.70	/	24.50	
		135	138	/	22.76	/	23.50	
			270	0	/	22.87	/	23.50
		DFT-s-OFDM 16QAM	1	1	/	23.09	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.45	/	22.00	
	DFT-s-OFDM 256QAM	1	1	/	19.27	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	20.32	/	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
90MHz	DFT-s-OFDM QPSK	1	1	/	23.31	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
80MHz	DFT-s-OFDM QPSK	1	1	/	23.21	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
60MHz	DFT-s-OFDM QPSK	1	1	/	23.28	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
50MHz	DFT-s-OFDM QPSK	1	1	/	23.09	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
40MHz	DFT-s-OFDM QPSK	1	1	/	23.28	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
30MHz	DFT-s-OFDM QPSK	1	1	/	23.32	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
20MHz	DFT-s-OFDM QPSK	1	1	/	23.22	/	24.50	

NR n78 Power Class 3 Full Power				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	/	23.79	/	24.50	
		1	137	/	23.77	/	24.50	
		1	271	/	23.72	/	24.50	
		135	0	/	22.82	/	23.50	
		135	69	/	23.68	/	24.50	
		135	138	/	22.81	/	23.50	
			270	0	/	22.92	/	23.50
		DFT-s-OFDM QPSK	1	1	/	23.84	/	24.50
	1		137	/	23.81	/	24.50	
	1		271	/	23.72	/	24.50	
	135		0	/	22.81	/	23.50	
	135		69	/	23.70	/	24.50	
	135		138	/	22.79	/	23.50	
			270	0	/	22.86	/	23.50
		DFT-s-OFDM 16QAM	1	1	/	23.07	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.40	/	22.00	
	DFT-s-OFDM 256QAM	1	1	/	19.28	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.33	/	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.27	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.20	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	/	23.30	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.14	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.27	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.32	/	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.24	/	24.50	

NR N5 Receiver 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	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.03	18.09	17.85	19.00
		1	53	17.20	17.35	17.31	19.00
		1	104	17.67	17.78	17.69	19.00
		50	0	16.59	16.64	16.54	18.00
		50	28	17.63	17.61	17.67	19.00
		50	56	16.96	17.03	16.71	18.00
	DFT-s-OFDM QPSK	100	0	16.69	16.55	16.63	18.00
		1	1	18.09	17.94	18.00	19.00
		1	53	17.24	17.35	17.27	19.00
		1	104	17.71	17.89	17.78	19.00
		50	0	16.50	16.64	16.56	18.00
		50	28	17.66	17.71	17.66	19.00
	DFT-s-OFDM 16QAM	50	56	16.97	16.97	16.80	18.00
		100	0	16.60	16.57	16.57	18.00
DFT-s-OFDM 16QAM		1	1	17.03	17.06	17.06	18.00
DFT-s-OFDM 64QAM		1	1	15.64	15.54	15.54	16.50
DFT-s-OFDM 256QAM	1	1	13.37	13.42	13.48	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349500	355500	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	19.00
5MHz	DFT-s-OFDM QPSK	1	1	18.05	17.93	17.90	19.00

NR 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	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.70	/	17.00	
		1	137	/	16.60	/	17.00	
		1	271	/	16.69	/	17.00	
		135	0	/	15.61	/	16.00	
		135	69	/	16.56	/	17.00	
		135	138	/	15.53	/	16.00	
			270	0	/	15.57	/	16.00
		DFT-s-OFDM QPSK	1	1	/	16.82	/	17.00
	1		137	/	16.64	/	17.00	
	1		271	/	16.68	/	17.00	
	135		0	/	15.58	/	16.00	
	135		69	/	16.59	/	17.00	
	135		138	/	15.54	/	16.00	
			270	0	/	15.53	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.89	/	16.00	
	DFT-s-OFDM 64QAM	1	1	/	14.40	/	14.50	
	DFT-s-OFDM 256QAM	1	1	/	12.20	/	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.47	/	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.76	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.78	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.11	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.05	/	17.00	
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	/	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				630668	633334	636000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.31	/	17.00	

NR n77 Receiver on/hotspot on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz(3700-3980)						Tune up
				Channel	Channel	Channel	Channel	Channel	Channel	
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.74	16.31	16.13	15.94	15.81	15.86	17.00
		1	137	16.71	16.19	16.08	16.10	15.98	16.21	17.00
		1	271	15.86	15.83	15.78	15.79	15.87	15.84	17.00
		135	0	15.69	15.69	15.63	15.56	15.64	15.54	16.00
		135	69	16.08	15.96	16.06	15.98	16.17	16.17	17.00
		135	138	15.46	15.55	15.40	15.42	15.47	15.47	16.00
	DFT-s-OFDM QPSK	270	0	15.54	15.73	15.57	15.50	15.47	15.54	16.00
		1	1	16.83	16.29	16.15	16.14	16.07	16.11	17.00
		1	137	16.77	16.28	16.12	15.96	15.87	15.95	17.00
		1	271	15.88	15.86	15.85	15.82	15.82	15.84	17.00
		135	0	15.68	15.78	15.58	15.64	15.57	15.54	16.00
		135	69	16.07	16.01	16.16	16.09	16.07	16.16	17.00
	DFT-s-OFDM 16QAM	135	138	15.46	15.49	15.34	15.49	15.55	15.50	16.00
	DFT-s-OFDM 64QAM	270	0	15.57	15.65	15.65	15.55	15.53	15.59	16.00
DFT-s-OFDM 256QAM	1	1	11.45	11.40	11.36	11.36	11.42	11.49	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	17.00



NR n78 Power Class 2 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	/	14.34	/	15.50
		1	137	/	14.25	/	15.50
		1	271	/	14.27	/	15.50
		135	0	/	13.37	/	14.50
		135	69	/	14.29	/	15.50
		135	138	/	13.43	/	14.50
	DFT-s-OFDM QPSK	270	0	/	13.40	/	14.50
		1	1	/	14.40	/	15.50
		1	137	/	14.39	/	15.50
		1	271	/	14.17	/	15.50
		135	0	/	13.30	/	14.50
		135	69	/	14.30	/	15.50
	DFT-s-OFDM 16QAM	135	138	/	13.30	/	14.50
		270	0	/	13.44	/	14.50
DFT-s-OFDM 64QAM	1	1	/	13.70	/	14.50	
DFT-s-OFDM 256QAM	1	1	/	11.87	/	13.00	
DFT-s-OFDM 256QAM	1	1	/	9.77	/	11.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	12.84	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	14.31	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	13.96	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	/	14.01	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	14.07	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	14.23	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	/	14.16	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	14.21	/	15.50



NR n78 Power Class 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	/	13.09	/	13.50
		1	137	/	12.98	/	13.50
		1	271	/	12.95	/	13.50
		135	0	/	12.05	/	12.50
		135	69	/	12.96	/	13.50
		135	138	/	12.11	/	12.50
	DFT-s-OFDM QPSK	270	0	/	12.08	/	12.50
		1	1	/	13.10	/	13.50
		1	137	/	13.07	/	13.50
		1	271	/	12.90	/	13.50
		135	0	/	12.04	/	12.50
		135	69	/	12.97	/	13.50
	DFT-s-OFDM 16QAM	135	138	/	11.98	/	12.50
		270	0	/	12.12	/	12.50
1		1	/	12.37	/	12.50	
1		1	/	10.55	/	11.00	
DFT-s-OFDM 256QAM	1	1	/	8.41	/	9.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	10.25	/	11.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.85	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.66	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>60MHz</b>	<b>DFT-s-OFDM QPSK</b>	1	1	/	12.84	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.88	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.89	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.87	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	12.68	/	13.50

NR 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	/	19.69	/	20.00
		1	137	/	19.60	/	20.00
		1	271	/	19.70	/	20.00
		135	0	/	18.64	/	19.00
		135	69	/	19.56	/	20.00
		135	138	/	18.54	/	19.00
		270	0	/	18.55	/	19.00
	DFT-s-OFDM QPSK	1	1	/	19.80	/	20.00
		1	137	/	19.62	/	20.00
		1	271	/	19.70	/	20.00
		135	0	/	18.61	/	19.00
		135	69	/	19.55	/	20.00
		135	138	/	18.53	/	19.00
		270	0	/	18.53	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.89	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.37	/	17.50
DFT-s-OFDM 256QAM	1	1	/	15.24	/	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.79	/	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	/	19.74	/	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	/	19.12	/	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	/	19.83	/	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	/	19.03	/	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	/	19.29	/	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	/	19.03	/	20.00

NR n77 Sensor on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz(3700-3980)						Tune up
				Channel	Channel	Channel	Channel	Channel	Channel	
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.79	19.31	19.17	18.92	18.79	18.88	20.00
		1	137	19.72	19.17	19.11	19.12	18.97	19.18	20.00
		1	271	18.88	18.88	18.80	18.83	18.83	18.82	20.00
		135	0	18.70	18.68	18.64	18.55	18.64	18.57	19.00
		135	69	19.05	18.98	19.04	19.01	19.17	19.22	20.00
		135	138	18.43	18.57	18.37	18.39	18.46	18.50	19.00
	DFT-s-OFDM QPSK	270	0	18.52	18.76	18.57	18.54	18.44	18.56	19.00
		1	1	19.84	19.32	19.12	18.94	18.87	18.95	20.00
		1	137	19.79	19.26	19.18	19.15	19.03	19.10	20.00
		1	271	18.83	18.83	18.82	18.82	18.83	18.82	20.00
		135	0	18.69	18.75	18.55	18.61	18.57	18.56	19.00
		135	69	19.04	19.04	19.15	19.07	19.08	19.19	20.00
	DFT-s-OFDM 16QAM	135	138	18.45	18.48	18.36	18.50	18.59	18.48	19.00
		270	0	18.57	18.66	18.68	18.51	18.49	18.59	19.00
DFT-s-OFDM 16QAM		1	1	18.81	18.89	18.82	18.77	18.80	18.89	19.00
DFT-s-OFDM 64QAM		1	1	16.37	16.41	16.57	16.37	16.40	16.42	17.50
DFT-s-OFDM 256QAM	1	1	14.43	14.43	14.37	14.33	14.41	14.51	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	20.00

NR n78 Power Class2 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.87	/	22.50
		1	137	/	20.79	/	22.50
		1	271	/	20.85	/	22.50
		135	0	/	20.01	/	21.50
		135	69	/	20.80	/	22.50
		135	138	/	19.96	/	21.50
		270	0	/	19.98	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.89	/	22.50
		1	137	/	20.82	/	22.50
		1	271	/	20.81	/	22.50
		135	0	/	19.94	/	21.50
		135	69	/	20.75	/	22.50
		135	138	/	19.96	/	21.50
		270	0	/	19.96	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.26	/	21.50
DFT-s-OFDM 64QAM	1	1	/	18.59	/	20.00	
DFT-s-OFDM 256QAM	1	1	/	16.32	/	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.29	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.79	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.62	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.70	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.62	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.77	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	20.73	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.81	/	22.50

NR n78 Power Class 2 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.79	/	22.50
		1	137	/	20.79	/	22.50
		1	271	/	20.85	/	22.50
		135	0	/	20.01	/	21.50
		135	69	/	20.82	/	22.50
		135	138	/	19.87	/	21.50
		270	0	/	19.99	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.88	/	22.50
		1	137	/	20.81	/	22.50
		1	271	/	20.85	/	22.50
		135	0	/	19.90	/	21.50
		135	69	/	20.81	/	22.50
		135	138	/	19.83	/	21.50
		270	0	/	19.93	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.27	/	21.50
DFT-s-OFDM 64QAM	1	1	/	18.45	/	20.00	
DFT-s-OFDM 256QAM	1	1	/	16.40	/	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.42	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	20.83	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	20.68	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	20.63	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	20.62	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	20.73	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	20.87	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	20.84	/	22.50

NR n78 Power Class 3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.67	/	20.50
		1	137	/	19.54	/	20.50
		1	271	/	19.65	/	20.50
		135	0	/	18.79	/	19.50
		135	69	/	19.56	/	20.50
		135	138	/	18.74	/	19.50
		270	0	/	18.73	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.67	/	20.50
		1	137	/	19.61	/	20.50
		1	271	/	19.58	/	20.50
		135	0	/	18.69	/	19.50
		135	69	/	19.53	/	20.50
		135	138	/	18.76	/	19.50
		270	0	/	18.74	/	19.50
DFT-s-OFDM 16QAM	1	1	/	19.01	/	19.50	
DFT-s-OFDM 64QAM	1	1	/	17.38	/	18.00	
DFT-s-OFDM 256QAM	1	1	/	15.12	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.84	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.58	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.38	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.47	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.40	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.55	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.52	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	19.57	/	20.50

NR n78 Power Class 3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.62	/	20.50
		1	137	/	19.55	/	20.50
		1	271	/	19.63	/	20.50
		135	0	/	18.76	/	19.50
		135	69	/	19.58	/	20.50
		135	138	/	18.73	/	19.50
		270	0	/	18.77	/	19.50
	DFT-s-OFDM QPSK	1	1	/	19.69	/	20.50
		1	137	/	19.61	/	20.50
		1	271	/	19.61	/	20.50
		135	0	/	18.73	/	19.50
		135	69	/	19.53	/	20.50
		135	138	/	18.72	/	19.50
		270	0	/	18.74	/	19.50
DFT-s-OFDM 16QAM	1	1	/	19.06	/	19.50	
DFT-s-OFDM 64QAM	1	1	/	17.38	/	18.00	
DFT-s-OFDM 256QAM	1	1	/	15.10	/	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.85	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.56	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.41	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.42	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.56	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.48	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	19.60	/	20.50

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

NR N7 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.33	25.48	25.42	25.70
		1	108	25.55	25.59	25.49	25.70
		1	214	25.41	25.46	25.38	25.70
		108	0	24.46	24.50	24.38	24.70
		108	54	25.41	25.55	25.43	25.70
		108	108	24.55	24.62	24.52	24.70
	DFT-s-OFDM QPSK	1	1	25.06	25.10	25.19	25.70
		1	108	24.97	25.11	25.18	25.70
		1	214	25.12	24.94	24.19	25.70
		108	0	23.43	23.47	23.42	24.70
		108	54	24.34	24.45	24.54	25.70
		108	108	23.83	23.62	23.28	24.70
	DFT-s-OFDM 16QAM	1	1	24.51	24.61	24.48	24.70
		1	1	23.12	23.05	23.08	23.20
DFT-s-OFDM 256QAM	1	1	21.03	21.08	20.97	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	25.70

NR N38 Full Power				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	25.13	25.09	25.06	25.70	
		1	53	25.23	25.33	25.28	25.70	
		1	104	25.22	25.11	25.20	25.70	
		50	0	24.47	24.36	24.31	24.70	
		50	28	25.26	25.32	25.26	25.70	
		50	56	24.40	24.53	24.45	24.70	
		100	0	24.36	24.36	24.42	24.70	
	DFT-s-OFDM QPSK	1	1	25.30	25.39	25.37	25.70	
		1	53	25.09	25.02	24.96	25.70	
		1	104	25.19	25.20	25.03	25.70	
		50	0	24.41	24.36	24.26	24.70	
		50	28	25.20	25.22	25.01	25.70	
		50	56	24.47	24.46	24.49	24.70	
	DFT-s-OFDM 16QAM	1	1	24.46	24.48	24.53	24.70	
	DFT-s-OFDM 64QAM	1	1	22.92	22.94	22.99	23.20	
	DFT-s-OFDM 256QAM	1	1	20.68	20.70	20.75	21.20	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	<b>40MHz</b>	CP-OFDM QPSK	1	1	518000	519000	520000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	517000	519000	521000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	516000	519000	522000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.26	25.28	25.30	25.70	

NR N41 Full Power				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	25.31	25.21	25.26	25.17	25.35	25.70
		1	137	25.39	25.18	25.29	25.19	25.35	25.70
		1	271	25.46	25.27	25.35	25.29	25.41	25.70
		135	0	24.35	24.20	24.30	24.20	24.36	24.70
		135	69	25.39	25.21	25.30	<b>25.20</b>	25.40	25.70
		135	138	24.33	24.17	24.28	24.17	24.33	24.70
		270	0	24.31	24.17	24.25	24.15	24.36	24.70
	DFT-s-OFDM QPSK	1	1	25.37	25.37	25.29	25.61	25.40	25.70
		1	137	25.54	25.33	25.36	25.52	25.35	25.70
		1	271	25.60	25.47	25.42	25.54	25.48	25.70
		135	0	24.44	24.39	24.26	24.36	24.34	24.70
		135	69	25.37	25.33	25.25	<b>25.45</b>	25.33	25.70
		135	138	24.40	24.36	24.24	24.26	24.41	24.70
	270	0	24.39	24.32	24.15	24.30	24.42	24.70	
	DFT-s-OFDM 16QAM	1	1	24.23	24.03	24.14	24.09	24.20	24.70
	DFT-s-OFDM 64QAM	1	1	22.98	22.82	22.92	22.82	23.03	23.20
	DFT-s-OFDM 256QAM	1	1	20.83	20.71	20.78	20.69	20.88	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	25.70

NR N7 Sensor on/hotspot on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
				2520	2535	2550		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.20	18.30	18.28	18.70	
		1	108	18.36	18.41	18.36	18.70	
		1	214	18.28	18.35	18.22	18.70	
		108	0	17.30	17.35	17.23	17.70	
		108	54	18.27	18.42	18.26	18.70	
		108	108	17.37	17.48	17.39	17.70	
	DFT-s-OFDM QPSK	1	1	18.02	18.11	18.14	18.70	
		1	108	17.84	17.92	18.02	18.70	
		1	214	17.95	17.79	17.06	18.70	
		108	0	16.31	16.33	16.32	17.70	
		108	54	17.76	17.79	17.90	18.70	
		108	108	16.68	16.51	16.13	17.70	
		DFT-s-OFDM 16QAM	1	1	17.41	17.47	17.33	17.70
		DFT-s-OFDM 64QAM	1	1	15.96	15.90	15.94	16.20
		DFT-s-OFDM 256QAM	1	1	13.87	13.92	13.83	14.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	18.70	

NR 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	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.51	17.41	17.42	18.70
		1	53	17.58	17.65	17.62	18.70
		1	104	17.55	17.46	17.53	18.70
		50	0	16.79	16.75	16.66	17.70
		50	28	17.64	17.63	17.61	18.70
		100	0	16.73	16.89	16.79	17.70
	DFT-s-OFDM QPSK	1	1	17.64	17.75	17.73	18.70
		1	53	17.43	17.32	17.28	18.70
		1	104	17.53	17.55	17.40	18.70
		50	0	16.78	16.66	16.56	17.70
		50	28	17.53	17.58	17.41	18.70
		100	0	16.72	16.71	16.78	17.70
	DFT-s-OFDM 16QAM	1	1	16.81	16.83	16.92	17.70
	DFT-s-OFDM 64QAM	1	1	15.29	15.31	15.36	16.20
	DFT-s-OFDM 256QAM	1	1	13.04	13.09	13.09	14.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	15.13	15.19	15.19	16.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.62	17.62	17.74	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.63	17.67	17.66	18.70

NR 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	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.76	19.14	19.20	19.12	19.27	19.70
		1	137	19.34	19.10	19.24	19.10	19.25	19.70
		1	271	19.38	19.19	19.29	19.19	19.34	19.70
		135	0	18.27	18.14	18.25	18.11	18.26	18.70
		135	69	19.30	19.11	19.25	19.14	19.32	19.70
		135	138	18.28	18.07	18.22	18.07	18.28	18.70
	DFT-s-OFDM QPSK	270	0	18.24	18.10	18.15	18.09	18.27	18.70
		1	1	19.28	19.32	19.19	19.57	19.32	19.70
		1	137	19.44	19.24	19.28	19.42	19.26	19.70
		1	271	19.53	19.39	19.37	19.49	19.40	19.70
		135	0	18.37	18.29	18.19	18.28	18.28	18.70
		135	69	19.38	19.28	19.19	19.29	19.30	19.70
	DFT-s-OFDM 16QAM	135	138	18.31	18.27	18.16	18.17	18.36	18.70
		270	0	18.29	18.22	18.07	18.21	18.32	18.70
		1	1	18.18	17.93	18.06	18.00	18.10	18.70
	DFT-s-OFDM 64QAM	1	1	16.88	16.75	16.84	16.75	16.98	17.20
	DFT-s-OFDM 256QAM	1	1	14.74	14.66	14.68	14.60	14.80	15.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	19.70

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

NR N7 Full power				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550		
		1	1	23.90	23.87	23.89	25.00	
		1	108	23.48	23.69	23.84	25.00	
		1	214	23.92	23.91	23.67	25.00	
		108	0	22.83	23.05	23.12	24.00	
		108	54	24.00	24.19	24.36	25.00	
	DFT-s-OFDM QPSK	108	108	23.38	23.46	23.33	24.00	
		216	0	23.13	23.28	23.06	24.00	
		1	1	23.83	23.89	23.90	25.00	
		1	108	23.53	23.73	23.77	25.00	
		1	214	23.53	23.73	23.77	25.00	
		108	0	23.86	23.78	23.68	24.00	
	DFT-s-OFDM 16QAM	108	54	23.56	23.89	23.80	25.00	
		108	108	23.30	23.36	23.39	24.00	
		216	0	23.11	23.18	23.14	24.00	
		DFT-s-OFDM 16QAM	1	1	22.38	22.30	22.62	24.00
		DFT-s-OFDM 64QAM	1	1	20.76	20.81	21.05	22.50
		DFT-s-OFDM 256QAM	1	1	18.93	19.03	19.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000		
40MHz	CP-OFDM QPSK	1	1	22.46	21.99	22.03	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	23.53	23.45	23.63	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	23.53	23.47	23.64	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000		
20MHz	DFT-s-OFDM QPSK	1	1	23.53	23.48	23.66	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500		
15MHz	DFT-s-OFDM QPSK	1	1	23.50	23.43	23.64	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000		
10MHz	DFT-s-OFDM QPSK	1	1	23.54	23.46	23.66	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500		
5MHz	DFT-s-OFDM QPSK	1	1	23.47	23.45	23.61	25.00	

NR N38 Full power				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	22.77	22.93	22.81	24.50
		1	53	23.43	23.55	23.64	24.50
		1	104	23.28	23.40	23.51	24.50
		50	0	21.94	21.95	21.78	23.50
		50	28	23.58	23.50	23.55	24.50
		50	56	22.52	22.40	22.28	23.50
	100	0	22.52	22.40	22.28	23.50	
	DFT-s-OFDM QPSK	1	1	23.47	23.59	23.44	24.50
		1	53	23.43	23.49	23.58	24.50
		1	104	23.37	23.42	23.43	24.50
		50	0	21.96	21.99	21.83	23.50
		50	28	23.57	23.52	23.40	24.50
		50	56	22.44	22.34	22.34	23.50
	100	0	22.34	22.00	22.45	23.50	
	DFT-s-OFDM 16QAM	1	1	21.88	22.01	22.12	23.50
	DFT-s-OFDM 64QAM	1	1	20.31	20.43	20.48	22.00
DFT-s-OFDM 256QAM	1	1	18.05	18.12	18.22	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.91	20.93	20.89	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.44	23.42	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.45	23.44	23.42	24.50

NR N41 Full power				Conducted Power(dBm)					
				SCS 30kHz					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2569.5	2592.99	2616.51	2640	25.00
		1	137	23.42	23.29	23.37	23.28	23.42	25.00
		1	271	23.54	23.36	23.44	23.39	23.49	25.00
		135	0	23.59	23.45	23.50	23.41	23.61	25.00
		135	69	22.53	22.38	22.46	22.37	22.52	24.00
		135	138	23.35	23.17	23.27	23.22	23.36	25.00
	DFT-s-OFDM QPSK	270	0	22.52	22.35	22.46	22.37	22.55	24.00
		1	1	22.52	22.41	22.47	22.37	22.55	24.00
		1	137	23.31	23.41	23.58	23.38	23.35	25.00
		1	271	23.37	23.38	23.35	23.45	23.43	25.00
		135	0	23.52	23.50	23.39	23.57	23.40	25.00
		135	69	22.44	22.31	22.39	22.44	22.33	24.00
	DFT-s-OFDM 16QAM	135	138	23.40	23.36	23.36	23.43	23.37	25.00
		135	138	22.28	22.30	22.44	22.50	22.43	24.00
		270	0	22.42	22.25	22.36	22.35	22.44	24.00
		1	1	22.68	22.53	22.63	22.53	22.73	24.00
DFT-s-OFDM 64QAM	1	1	21.15	20.99	21.09	20.99	21.19	22.50	
DFT-s-OFDM 256QAM	1	1	18.86	18.72	18.81	18.75	18.89	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	25.00

NR N7 Receiver on/Hotspot 0n				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.82	15.79	15.83	17.00
		1	108	15.41	15.61	15.76	17.00
		1	214	15.85	15.86	15.59	17.00
		108	0	14.78	14.99	15.03	16.00
		108	54	15.92	16.12	16.31	17.00
		108	108	15.31	15.36	15.26	16.00
	DFT-s-OFDM QPSK	216	0	15.03	15.18	15.00	16.00
		1	1	15.75	15.84	15.80	17.00
		1	108	15.45	15.68	15.72	17.00
		1	214	15.47	15.67	15.67	17.00
		108	0	15.28	15.10	15.62	16.00
		108	54	15.51	15.80	15.72	17.00
	DFT-s-OFDM 16QAM	108	108	15.20	15.29	15.32	16.00
		216	0	15.02	15.09	15.08	16.00
DFT-s-OFDM 16QAM		1	1	14.30	14.25	14.53	16.00
DFT-s-OFDM 64QAM		1	1	12.69	12.73	12.98	14.50
DFT-s-OFDM 256QAM	1	1	10.84	10.96	10.91	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	
14.41	13.92	13.97	14.50				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	
15.47	15.39	15.55	17.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	
15.48	15.37	15.58	17.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	
15.46	15.42	15.58	17.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	
15.42	15.37	15.56	17.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	
15.48	15.37	15.56	17.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	
15.41	15.38	15.55	17.00				

NR N38 Receiver on/Hotspot On				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	14.62	14.78	14.64	16.50
		1	53	15.28	15.40	15.47	16.50
		1	104	15.17	15.24	15.38	16.50
		50	0	13.76	13.82	13.65	15.50
		50	28	15.47	15.32	15.37	16.50
		50	56	14.41	14.22	14.13	15.50
	100	0	14.36	14.22	14.12	15.50	
	DFT-s-OFDM QPSK	1	1	15.32	15.45	15.44	16.50
		1	53	15.28	15.29	15.45	16.50
		1	104	15.20	15.25	15.29	16.50
		50	0	13.78	13.85	13.66	15.50
		50	28	15.38	15.37	15.30	16.50
		50	56	14.31	14.18	14.20	15.50
	100	0	14.24	13.87	14.28	15.50	
	DFT-s-OFDM 16QAM	1	1	13.71	13.86	14.02	15.50
	DFT-s-OFDM 64QAM	1	1	12.16	12.27	12.33	14.00
DFT-s-OFDM 256QAM	1	1	10.40	10.02	10.09	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	12.78	12.76	12.74	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	15.26	15.22	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	15.35	15.26	15.29	16.50

NR 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		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	14.79	14.61	14.72	14.58	14.77	16.50	
		1	137	14.90	14.66	14.82	14.73	14.84	16.50	
		1	271	14.97	14.79	14.82	14.79	14.97	16.50	
		135	0	13.86	13.75	13.77	13.74	13.86	15.50	
		135	69	14.67	14.53	14.58	<b>14.54</b>	14.73	16.50	
		135	138	13.87	13.70	13.80	13.73	13.90	15.50	
	DFT-s-OFDM QPSK	270	0	13.88	13.77	13.80	13.75	13.92	15.50	
		1	1	14.65	14.79	14.97	14.70	14.72	16.50	
		1	137	14.71	14.73	14.72	14.78	14.81	16.50	
		1	271	14.87	14.90	14.75	14.96	14.74	16.50	
		135	0	13.83	13.68	13.74	13.77	13.69	15.50	
		135	69	14.72	14.71	14.74	<b>14.77</b>	14.76	16.50	
	DFT-s-OFDM 16QAM	135	138	13.62	13.65	13.80	13.86	13.82	15.50	
		270	0	13.75	13.59	13.75	13.67	13.79	15.50	
		DFT-s-OFDM 16QAM	1	1	14.01	13.84	14.01	13.87	14.09	15.50
		DFT-s-OFDM 64QAM	1	1	12.53	12.35	12.43	12.32	12.53	14.00
DFT-s-OFDM 256QAM	1	1	10.25	10.06	10.15	10.12	10.28	12.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	16.50	

NR N7 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550	
		1	1	16.30	16.24	16.26	17.50
		1	108	15.83	16.04	16.18	17.50
		1	214	16.24	16.29	16.01	17.50
		108	0	15.20	15.41	15.44	16.50
		108	54	16.38	16.53	16.73	17.50
		108	108	15.68	15.82	15.71	16.50
	DFT-s-OFDM QPSK	216	0	15.46	15.63	15.45	16.50
		1	1	16.20	16.21	16.24	17.50
		1	108	15.89	16.10	16.11	17.50
		1	214	15.89	16.13	16.15	17.50
		108	0	15.49	15.68	15.68	16.50
		108	54	15.94	16.24	16.18	17.50
		108	108	15.64	15.72	15.74	16.50
	DFT-s-OFDM 16QAM	216	0	15.47	15.46	15.54	16.50
	DFT-s-OFDM 64QAM	1	1	14.72	14.66	14.99	16.50
	DFT-s-OFDM 256QAM	1	1	13.08	13.15	13.35	15.00
	DFT-s-OFDM 256QAM	1	1	11.31	11.36	11.35	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	
				14.82	14.36	14.39	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	
				15.88	15.84	15.98	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	
				15.85	15.80	15.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	
				15.85	15.87	15.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	
				15.85	15.81	15.95	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	
				15.89	15.80	16.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	
				15.80	15.79	15.95	17.50

NR N38 Senson on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.00	16.13	16.19	17.50
		1	53	15.95	16.11	16.20	17.50
		1	104	15.80	15.96	16.11	17.50
		50	0	14.52	14.51	14.95	16.50
		50	28	16.12	16.07	16.12	17.50
		50	56	15.10	14.96	14.85	16.50
	100	0	15.07	14.93	14.85	16.50	
	DFT-s-OFDM QPSK	1	1	16.04	16.15	15.94	17.50
		1	53	16.02	16.01	16.15	17.50
		1	104	15.91	15.99	16.00	17.50
		50	0	14.50	14.55	14.59	16.50
		50	28	16.08	16.03	15.96	17.50
		50	56	14.98	14.89	14.89	16.50
	100	0	14.86	14.58	15.03	16.50	
	DFT-s-OFDM 16QAM	1	1	15.44	15.48	15.46	16.50
	DFT-s-OFDM 64QAM	1	1	13.84	13.94	13.89	15.00
DFT-s-OFDM 256QAM	1	1	11.64	11.68	11.71	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	14.82	14.82	14.76	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.32	16.30	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.29	16.33	16.30	17.50

NR 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	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.35	17.20	17.32	17.18	17.35	18.00
		1	137	17.45	17.30	17.35	17.33	17.41	18.00
		1	271	17.54	17.38	17.44	17.33	17.55	18.00
		135	0	16.45	16.31	16.41	16.29	16.47	17.00
		135	69	17.25	17.08	17.20	17.15	17.31	18.00
		135	138	16.42	16.30	16.39	16.32	16.45	17.00
	DFT-s-OFDM QPSK	270	0	16.46	16.33	16.37	16.28	16.48	17.00
		1	1	17.23	17.34	17.50	17.31	17.28	18.00
		1	137	17.27	17.29	17.25	17.37	17.34	18.00
		1	271	17.43	17.40	17.29	17.49	17.30	18.00
		135	0	16.34	16.21	16.32	16.39	16.27	17.00
		135	69	17.34	17.30	17.28	17.37	17.32	18.00
	DFT-s-OFDM 16QAM	135	138	16.19	16.20	16.38	16.44	16.35	17.00
		270	0	16.32	16.20	16.30	16.30	16.36	17.00
		1	1	16.62	16.48	16.54	16.44	16.64	17.00
DFT-s-OFDM 64QAM	1	1	15.06	14.90	14.99	14.93	15.14	15.50	
DFT-s-OFDM 256QAM	1	1	12.77	12.66	12.75	12.66	12.80	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	18.00

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

NR N7 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.41	25.44	25.35	25.70
		1	108	25.35	25.42	25.31	25.70
		1	214	25.33	25.43	25.31	25.70
		108	0	24.25	24.29	24.24	24.70
		108	54	25.24	25.38	25.32	25.70
		108	108	24.34	24.37	24.26	24.70
	DFT-s-OFDM QPSK	216	0	24.43	24.47	24.32	24.70
		1	1	25.26	25.42	25.02	25.70
		1	108	25.21	25.41	25.41	25.70
		1	214	25.37	25.01	24.17	25.70
		108	0	23.46	24.29	23.67	24.70
		108	54	24.40	24.67	24.56	25.70
	DFT-s-OFDM 16QAM	108	108	23.68	24.25	23.32	24.70
		216	0	23.56	24.23	23.58	24.70
DFT-s-OFDM 64QAM		1	1	24.61	24.59	24.63	24.70
DFT-s-OFDM 256QAM		1	1	23.09	23.13	23.05	23.20
DFT-s-OFDM 256QAM	1	1	20.79	20.91	20.79	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	504000	507000	510000	
				23.34	23.65	23.68	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000	
				25.04	25.33	25.40	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500	
				25.00	25.28	25.39	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000	
				25.05	25.32	25.41	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	
				24.98	25.32	25.35	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000	
				25.02	25.34	25.40	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	500500	507000	513500	
				25.02	25.30	25.34	25.70

NR N38 Full Power				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	25.10	25.21	25.24	25.70
		1	53	25.21	25.28	25.20	25.70
		1	104	25.21	25.18	25.09	25.70
		50	0	24.21	24.20	24.13	24.70
		50	28	25.20	25.14	25.39	25.70
		50	56	24.26	24.25	24.10	24.70
	DFT-s-OFDM QPSK	100	0	24.21	24.19	24.23	24.70
		1	1	25.40	25.49	25.37	25.70
		1	53	25.26	25.33	25.28	25.70
		1	104	25.23	25.21	25.17	25.70
		50	0	24.08	24.17	24.11	24.70
		50	28	25.30	25.31	25.23	25.70
	DFT-s-OFDM 16QAM	50	56	24.29	24.20	24.11	24.70
		100	0	24.22	24.21	24.28	24.70
DFT-s-OFDM 16QAM		1	1	24.54	24.63	24.51	24.70
DFT-s-OFDM 64QAM		1	1	23.07	23.16	23.04	23.20
DFT-s-OFDM 256QAM	1	1	20.91	21.00	20.88	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	518000	519000	520000	
23.65	23.64	23.62	23.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	517000	519000	521000	
25.39	25.41	25.31	25.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	516000	519000	522000	
25.33	25.41	25.34	25.70				

NR N41 Full Power				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	25.28	25.25	25.36	25.28	25.26	25.70	
		1	137	25.35	25.36	25.41	25.34	25.35	25.70	
		1	271	25.27	25.25	25.32	25.26	25.27	25.70	
		135	0	24.31	24.35	24.42	24.34	24.34	24.70	
		135	69	25.34	25.39	25.44	<b>25.35</b>	25.37	25.70	
		135	138	24.34	24.29	24.40	24.33	24.35	24.70	
			270	0	24.28	24.33	24.38	24.30	24.31	24.70
		DFT-s-OFDM QPSK	1	1	25.25	25.36	25.34	25.45	25.30	25.70
			1	137	25.41	25.41	25.30	25.40	25.34	25.70
			1	271	25.44	25.36	25.27	24.35	25.26	25.70
			135	0	24.39	24.34	24.28	24.36	24.28	24.70
			135	69	25.32	25.33	25.32	<b>25.38</b>	25.22	25.70
			135	138	24.30	24.33	24.30	24.28	24.25	24.70
			270	0	24.44	24.32	24.32	24.24	24.32	24.70
		DFT-s-OFDM 16QAM	1	1	24.53	24.51	24.58	24.47	24.52	24.70
	DFT-s-OFDM 64QAM	1	1	22.97	23.00	23.07	23.00	22.99	23.20	
	DFT-s-OFDM 256QAM	1	1	20.73	20.67	20.78	20.71	20.69	21.20	
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	23.12	23.07	23.17	23.08	23.10	23.20	
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	25.05	25.21	25.16	25.28	25.13	25.70	
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	25.10	25.20	25.19	25.26	25.15	25.70	
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	25.05	25.16	25.14	25.25	25.10	25.70	
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	25.10	25.20	25.19	25.26	25.15	25.70	
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	25.05	25.21	25.19	25.30	25.15	25.70	
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	25.08	25.16	25.14	25.25	25.13	25.70	
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	25.05	25.20	25.18	25.30	25.10	25.70	

NR N7 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.45	20.44	20.38	20.70
		1	108	20.37	20.47	20.31	20.70
		1	214	20.33	20.43	20.35	20.70
		108	0	19.27	19.29	19.24	19.70
		108	54	20.28	20.40	20.34	20.70
		108	108	19.37	19.40	19.28	19.70
	DFT-s-OFDM QPSK	216	0	19.47	19.51	19.34	19.70
		1	1	20.26	20.44	20.06	20.70
		1	108	20.23	20.41	20.43	20.70
		1	214	20.39	20.06	19.19	20.70
		108	0	18.50	19.31	18.72	19.70
		108	54	19.88	19.97	19.84	20.70
	DFT-s-OFDM 16QAM	108	108	18.69	19.25	18.37	19.70
		216	0	18.58	19.26	18.63	19.70
DFT-s-OFDM 64QAM		1	1	19.65	19.63	19.65	19.70
DFT-s-OFDM 256QAM		1	1	18.12	18.18	18.08	18.20
DFT-s-OFDM 256QAM	1	1	15.82	15.93	15.79	16.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	504000	507000	510000	
18.39	18.65	18.68	18.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000	
20.08	20.33	20.42	20.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500	
20.04	20.31	20.42	20.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000	
20.09	20.32	20.41	20.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	
20.02	20.34	20.39	20.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000	
20.04	20.39	20.45	20.70				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	500500	507000	513500	
20.02	20.35	20.37	20.70				

NR 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	20.03	20.15	20.16	20.70	
		1	53	20.14	20.18	20.14	20.70	
		1	104	20.14	20.11	19.99	20.70	
		50	0	19.14	19.10	19.05	19.70	
		50	28	20.12	20.04	20.32	20.70	
		50	56	19.21	19.18	19.03	19.70	
	DFT-s-OFDM QPSK	100	0	19.11	19.13	19.18	19.70	
		1	1	20.31	20.41	20.30	20.70	
		1	53	20.16	20.27	20.18	20.70	
		1	104	20.17	20.13	20.08	20.70	
		50	0	18.98	19.12	19.02	19.70	
		50	28	20.23	20.25	20.23	20.70	
	DFT-s-OFDM 16QAM	50	56	19.23	19.12	19.02	19.70	
		100	0	19.14	19.15	19.18	19.70	
		DFT-s-OFDM 16QAM	1	1	19.52	19.61	19.50	19.70
		DFT-s-OFDM 64QAM	1	1	18.00	18.12	18.02	18.20
DFT-s-OFDM 256QAM	1	1	15.88	15.93	15.84	16.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				518000	519000	520000		
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.64	18.63	18.58	18.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				517000	519000	521000		
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	20.33	20.38	20.30	20.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				516000	519000	522000		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.28	20.34	20.26	20.70	

NR 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	19.23	19.18	19.31	19.34	19.20	19.70	
		1	137	19.29	19.31	19.21	19.25	19.26	19.70	
		1	271	19.21	19.18	19.26	19.18	19.17	19.70	
		135	0	18.21	18.29	18.34	18.26	18.25	18.70	
		135	69	19.28	19.33	19.25	<b>19.35</b>	19.30	19.70	
		135	138	18.25	18.21	18.31	18.28	18.27	18.70	
	DFT-s-OFDM QPSK	270	0	18.18	18.28	18.29	18.22	18.26	18.70	
		1	1	19.16	19.27	19.26	19.39	19.24	19.70	
		1	137	19.36	19.34	19.20	19.31	19.25	19.70	
		1	271	19.37	19.29	19.20	18.29	19.20	19.70	
		135	0	18.33	18.28	18.18	18.29	18.19	18.70	
		135	69	19.33	19.25	19.23	<b>19.33</b>	19.15	19.70	
	DFT-s-OFDM 16QAM	135	138	18.25	18.24	18.25	18.23	18.17	18.70	
		270	0	18.36	18.25	18.27	18.15	18.23	18.70	
		DFT-s-OFDM 16QAM	1	1	18.47	18.42	18.52	18.40	18.42	18.70
		DFT-s-OFDM 64QAM	1	1	16.92	16.92	17.02	16.94	16.91	17.20
DFT-s-OFDM 256QAM	1	1	14.64	14.59	14.72	14.63	14.59	15.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998		
				19.00	19.11	19.11	19.20	19.00	19.70	

NR N7 Sensor on/Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	19.91	19.97	19.85	20.20
		1	108	19.87	19.92	19.83	20.20
		1	214	19.84	19.97	19.81	20.20
		108	0	18.79	18.84	18.77	19.20
		108	54	19.74	19.89	19.87	20.20
		108	108	18.88	18.89	18.80	19.20
	DFT-s-OFDM QPSK	216	0	18.98	18.97	18.86	19.20
		1	1	19.79	19.96	19.56	20.20
		1	108	19.75	19.93	19.96	20.20
		1	214	19.88	19.54	18.68	20.20
		108	0	17.98	18.81	18.20	19.20
		108	54	18.92	19.18	19.07	20.20
	DFT-s-OFDM 16QAM	108	108	18.19	18.79	17.83	19.20
		216	0	18.07	18.78	18.09	19.20
DFT-s-OFDM 16QAM		1	1	19.13	19.09	19.18	19.20
DFT-s-OFDM 64QAM		1	1	17.59	17.63	17.55	17.70
DFT-s-OFDM 256QAM	1	1	15.34	15.41	15.34	15.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	504000	507000	510000	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	500500	507000	513500	20.20

NR 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	19.61	19.72	19.79	20.20
		1	53	19.73	19.79	19.73	20.20
		1	104	19.74	19.71	19.61	20.20
		50	0	18.76	18.73	18.63	19.20
		50	28	19.74	19.65	19.92	20.20
		50	56	18.81	18.77	18.63	19.20
	DFT-s-OFDM QPSK	100	0	18.71	18.69	18.76	19.20
		1	1	19.90	20.03	19.92	20.20
		1	53	19.78	19.88	19.78	20.20
		1	104	19.77	19.73	19.72	20.20
		50	0	18.61	18.70	18.64	19.20
		50	28	19.84	19.97	19.82	20.20
	DFT-s-OFDM 16QAM	50	56	18.84	18.74	18.66	19.20
		100	0	18.77	18.75	18.83	19.20
DFT-s-OFDM 16QAM		1	1	18.97	19.11	18.98	19.20
DFT-s-OFDM 64QAM		1	1	17.56	17.61	17.52	17.70
DFT-s-OFDM 256QAM	1	1	15.37	15.48	15.35	15.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	18.11	18.11	18.06	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	19.84	19.84	19.74	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.77	19.90	19.76	20.20

NR 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		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.18	20.18	20.28	20.20	20.19	20.70	
		1	137	20.29	20.29	20.33	20.27	20.30	20.70	
		1	271	20.20	20.18	20.24	20.19	20.18	20.70	
		135	0	19.21	19.27	19.35	19.24	19.27	19.70	
		135	69	20.29	20.34	20.39	<b>20.30</b>	20.27	20.70	
		135	138	19.27	19.22	19.32	19.27	19.29	19.70	
	DFT-s-OFDM QPSK	270	0	19.18	19.28	19.33	19.20	19.23	19.70	
		1	1	20.18	20.29	20.24	20.40	20.25	20.70	
		1	137	20.32	20.32	20.22	20.33	20.24	20.70	
		1	271	20.36	20.26	20.19	19.25	20.20	20.70	
		135	0	19.31	19.27	19.18	19.29	19.22	19.70	
		135	69	20.29	20.28	20.22	<b>20.23</b>	20.15	20.70	
	DFT-s-OFDM 16QAM	135	138	19.25	19.24	19.23	19.18	19.15	19.70	
		270	0	19.39	19.27	19.23	19.16	19.26	19.70	
		DFT-s-OFDM 16QAM	1	1	19.45	19.43	19.48	19.42	19.46	19.70
		DFT-s-OFDM 64QAM	1	1	17.91	17.93	18.00	17.91	17.89	18.20
DFT-s-OFDM 256QAM	1	1	15.65	15.62	15.71	15.66	15.60	16.20		
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	18.06	17.99	18.11	18.01	18.04	18.20	
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	19.96	20.14	20.10	20.22	20.08	20.70	
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	20.05	20.10	20.13	20.21	20.09	20.70	
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	19.96	20.09	20.09	20.19	20.04	20.70	
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	20.04	20.14	20.14	20.20	20.07	20.70	
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	20.00	20.12	20.13	20.22	20.10	20.70	
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	20.02	20.09	20.05	20.17	20.03	20.70	
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	19.95	20.12	20.08	20.22	20.00	20.70	

### 9.6 Conducted Power of NR Antenna (Ant6)

NR N7 Full Power				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
				2520	2535	2550		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.87	21.6	21.54	23.50	
		1	108	21.64	21.8	21.77	23.50	
		1	214	21.82	22.1	21.82	23.50	
		108	0	20.6	20.71	20.59	22.50	
		108	54	21.85	21.63	21.66	23.50	
		108	108	21.04	21.1	21.07	22.50	
			216	0	20.89	20.93	20.92	22.50
		DFT-s-OFDM QPSK	1	1	21.56	21.96	21.65	23.50
			1	108	21.74	21.84	21.74	23.50
			1	214	21.88	21.92	21.96	23.50
			108	0	20.59	20.69	20.64	22.50
			108	54	21.75	21.80	21.72	23.50
			108	108	21.06	21.10	21.15	22.50
			216	0	20.84	20.94	20.93	22.50
	DFT-s-OFDM 16QAM	1	1	20.78	20.80	20.89	22.50	
	DFT-s-OFDM 64QAM	1	1	19.33	19.40	19.45	21.00	
	DFT-s-OFDM 256QAM	1	1	17.14	17.21	17.29	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	23.50	

NR N38 Full Power				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	23.15	23.09	23.01	24.00
		1	53	23.17	23.16	23.00	24.00
		1	104	23.05	23.02	22.98	24.00
		50	0	21.95	21.78	21.75	23.00
		50	28	22.83	22.88	22.92	24.00
		50	56	21.71	21.81	21.89	23.00
	100	0	21.91	21.97	21.84	23.00	
	DFT-s-OFDM QPSK	1	1	23.08	23.09	23.03	24.00
		1	53	23.08	23.07	23.02	24.00
		1	104	23.04	23.02	23.03	24.00
		50	0	21.88	21.82	21.83	23.00
		50	28	22.89	22.97	23.00	24.00
		50	56	21.78	21.87	21.80	23.00
	100	0	21.86	21.89	21.87	23.00	
DFT-s-OFDM 16QAM	1	1	22.12	22.21	22.26	23.00	
DFT-s-OFDM 64QAM	1	1	20.62	20.59	20.58	21.50	
DFT-s-OFDM 256QAM	1	1	18.30	18.36	18.35	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	20.54	20.70	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.65	22.67	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.55	22.76	22.64	24.00

NR N41 Full Power				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	22.74	22.71	22.79	22.71	22.70	24.00	
		1	137	22.71	22.72	22.81	22.72	22.76	24.00	
		1	271	22.14	22.13	22.20	22.14	22.15	24.00	
		135	0	21.87	21.92	21.97	21.92	21.91	23.00	
		135	69	22.88	22.89	22.99	<b>22.89</b>	22.90	24.00	
		135	138	21.82	21.83	21.92	21.83	21.81	23.00	
			270	0	21.88	21.90	21.95	21.89	21.89	23.00
		DFT-s-OFDM QPSK	1	1	22.84	23.04	23.03	22.89	22.88	24.00
			1	137	22.92	22.88	22.95	22.82	22.03	24.00
			1	271	22.83	22.83	22.90	22.92	22.58	24.00
			135	0	21.97	21.88	21.94	21.86	21.71	23.00
			135	69	22.88	22.79	22.90	<b>22.84</b>	22.69	24.00
			135	138	21.82	21.76	21.91	21.85	21.76	23.00
			270	0	21.89	21.79	21.92	21.90	21.77	23.00
	DFT-s-OFDM 16QAM	1	1	22.16	22.12	22.23	22.12	22.13	23.00	
	DFT-s-OFDM 64QAM	1	1	20.65	20.64	20.70	20.60	20.65	21.50	
	DFT-s-OFDM 256QAM	1	1	18.38	18.33	18.44	18.39	18.39	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000		
				20.67	20.67	20.75	20.68	20.68	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996		
				22.78	22.98	22.95	22.84	22.80	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998		
				22.78	22.94	22.96	22.80	22.79	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996		
				22.77	22.95	22.97	22.79	22.82	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998		
				22.74	22.94	22.94	22.81	22.78	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000		
				22.79	22.97	22.93	22.80	22.78	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996		
				22.78	22.96	22.94	22.82	22.79	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998		
				22.77	22.99	22.95	22.80	22.78	24.00	

NR n77 Full power				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	/	24.50
		1	137	/	23.00	/	24.50
		1	271	/	23.16	/	24.50
		135	0	/	23.31	/	24.50
		135	69	/	22.09	/	23.50
		135	138	/	23.17	/	24.50
	DFT-s-OFDM QPSK	270	0	/	22.18	/	23.50
		1	1	/	22.09	/	23.50
		1	137	/	23.34	/	24.50
		1	271	/	23.21	/	24.50
		135	0	/	23.32	/	24.50
		135	69	/	22.12	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.14	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	22.16	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	22.16	/	23.50
				22.26	/	23.50	
				20.65	/	22.00	
				18.48	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	20.83	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.65	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.71	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.64	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.63	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.67	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	22.65	/	24.50

NR n77 Full power				Conducted Power(dBm)						
SCS 30kHz(3700-3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
		1	137	22.68	22.69	22.77	22.70	22.69	22.71	24.50
		1	271	22.73	22.71	22.82	22.71	22.74	22.71	24.50
		135	0	22.75	22.70	22.81	22.74	22.75	22.71	24.50
		135	69	21.73	21.69	21.79	21.74	21.71	21.70	23.50
		135	138	22.72	22.73	22.78	22.71	22.73	22.70	24.50
		270	0	21.66	21.68	21.74	21.66	21.64	21.63	23.50
	DFT-s-OFDM QPSK	1	1	21.70	21.71	21.78	21.73	21.71	21.68	23.50
		1	137	23.27	22.90	22.91	22.94	23.06	23.11	24.50
		1	271	23.22	22.82	22.80	22.90	23.00	23.05	24.50
		135	0	23.15	22.73	22.89	22.87	22.87	22.88	24.50
		135	69	22.13	21.80	21.76	21.81	21.81	21.93	23.50
		135	138	23.11	22.84	22.79	22.85	22.90	22.93	24.50
		270	0	22.13	21.76	21.75	21.83	21.94	22.01	23.50
DFT-s-OFDM 16QAM	1	1	22.13	21.78	21.73	21.82	21.85	21.96	23.50	
DFT-s-OFDM 64QAM	1	1	21.96	21.93	22.01	21.91	21.90	21.93	23.50	
DFT-s-OFDM 256QAM	1	1	20.37	20.37	20.44	20.36	20.33	20.33	22.00	
DFT-s-OFDM 256QAM	1	1	18.17	18.18	18.23	18.12	18.18	18.13	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	24.50

NR n78 Power Class 2 Full power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.00	/	26.00
		1	137	/	25.20	/	26.00
		1	271	/	25.36	/	26.00
		135	0	/	24.13	/	25.00
		135	69	/	25.14	/	26.00
		135	138	/	24.09	/	25.00
		270	0	/	24.28	/	25.00
	DFT-s-OFDM QPSK	1	1	/	25.31	/	26.00
		1	137	/	25.21	/	26.00
		1	271	/	25.30	/	26.00
		135	0	/	24.16	/	25.00
		135	69	/	25.16	/	26.00
		135	138	/	24.13	/	25.00
		270	0	/	24.23	/	25.00
DFT-s-OFDM 16QAM	1	1	/	24.32	/	25.00	
DFT-s-OFDM 64QAM	1	1	/	22.66	/	23.50	
DFT-s-OFDM 256QAM	1	1	/	20.41	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.00

NR n78 Power Class 2 Full power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	25.06	/	26.00
		1	137	/	25.15	/	26.00
		1	271	/	25.10	/	26.00
		135	0	/	24.07	/	25.00
		135	69	/	25.11	/	26.00
		135	138	/	24.11	/	25.00
		270	0	/	24.14	/	25.00
	DFT-s-OFDM QPSK	1	1	/	25.16	/	26.00
		1	137	/	25.14	/	26.00
		1	271	/	25.15	/	26.00
		135	0	/	24.11	/	25.00
		135	69	/	25.10	/	26.00
		135	138	/	24.13	/	25.00
		270	0	/	24.08	/	25.00
DFT-s-OFDM 16QAM	1	1	/	24.27	/	25.00	
DFT-s-OFDM 64QAM	1	1	/	22.74	/	23.50	
DFT-s-OFDM 256QAM	1	1	/	20.48	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	26.00

NR n78 Power Class 3 Full power				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	/	23.65	/	25.00
		1	137	/	23.87	/	25.00
		1	271	/	24.03	/	25.00
		135	0	/	22.78	/	24.00
		135	69	/	23.82	/	25.00
		135	138	/	22.78	/	24.00
	DFT-s-OFDM QPSK	270	0	/	22.95	/	24.00
		1	1	/	23.96	/	25.00
		1	137	/	23.90	/	25.00
		1	271	/	23.96	/	25.00
		135	0	/	22.82	/	24.00
		135	69	/	23.82	/	25.00
	DFT-s-OFDM 16QAM	135	138	/	22.79	/	24.00
		270	0	/	22.90	/	24.00
DFT-s-OFDM 16QAM		1	1	/	22.98	/	24.00
DFT-s-OFDM 64QAM		1	1	/	21.34	/	22.50
DFT-s-OFDM 256QAM	1	1	/	19.07	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
				/	23.67	/	25.00

NR n78 Power Class 3 Full power				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.70	/	25.00
		1	137	/	23.88	/	25.00
		1	271	/	24.04	/	25.00
		135	0	/	22.78	/	24.00
		135	69	/	23.82	/	25.00
		135	138	/	22.79	/	24.00
	DFT-s-OFDM QPSK	270	0	/	22.94	/	24.00
		1	1	/	23.96	/	25.00
		1	137	/	23.86	/	25.00
		1	271	/	23.95	/	25.00
		135	0	/	22.82	/	24.00
		135	69	/	23.86	/	25.00
		135	138	/	22.82	/	24.00
	DFT-s-OFDM 16QAM	270	0	/	22.88	/	24.00
DFT-s-OFDM 64QAM	1	1	/	23.02	/	24.00	
DFT-s-OFDM 256QAM	1	1	/	21.34	/	22.50	
DFT-s-OFDM 256QAM	1	1	/	19.08	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.00

NR N7 sensor on/hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.04	17.21	17.17	19.00
		1	108	17.22	17.43	17.35	19.00
		1	214	17.39	17.69	17.43	19.00
		108	0	16.23	16.31	16.2	18.00
		108	54	17.46	17.23	17.24	19.00
		108	108	16.64	16.7	16.64	18.00
	DFT-s-OFDM QPSK	216	0	16.46	16.55	16.53	18.00
		1	1	17.17	17.59	17.14	19.00
		1	108	17.32	17.49	17.37	19.00
		1	214	17.48	17.50	17.55	19.00
		108	0	16.18	16.27	16.26	18.00
		108	54	17.37	17.38	17.35	19.00
	DFT-s-OFDM 16QAM	108	108	16.67	16.70	16.76	18.00
	DFT-s-OFDM 64QAM	216	0	16.44	16.55	16.56	18.00
DFT-s-OFDM 256QAM	1	1	16.29	16.38	16.47	18.00	
				14.87	14.90	14.98	16.50
				12.71	12.75	12.89	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	19.00

NR 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	16.36	16.37	16.30	17.50
		1	53	16.39	16.39	16.28	17.50
		1	104	16.33	16.26	16.20	17.50
		50	0	15.15	15.05	15.04	16.50
		50	28	16.11	16.11	16.17	17.50
		50	56	14.96	15.01	15.17	16.50
	DFT-s-OFDM QPSK	100	0	15.19	15.24	15.13	16.50
		1	1	16.35	16.38	16.27	17.50
		1	53	16.33	16.30	16.24	17.50
		1	104	16.31	16.25	16.30	17.50
		50	0	15.15	15.08	15.05	16.50
		50	28	16.13	16.31	16.25	17.50
	DFT-s-OFDM 16QAM	50	56	15.03	15.16	15.07	16.50
	DFT-s-OFDM 64QAM	100	0	15.09	15.18	15.13	16.50
DFT-s-OFDM 256QAM	1	1	11.94	11.96	11.97	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	518000	519000	520000	
				13.98	14.15	13.81	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	15.98	15.96	15.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	15.99	15.86	15.97	17.50

NR 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	18.16	18.13	18.20	18.14	18.11	19.50	
		1	137	18.11	18.17	18.23	18.15	18.18	19.50	
		1	271	17.57	17.57	17.64	17.56	17.57	19.50	
		135	0	17.30	17.34	17.39	17.34	17.34	18.50	
		135	69	18.31	18.31	18.40	<b>18.31</b>	18.31	19.50	
		135	138	17.26	17.25	17.34	17.24	17.23	18.50	
			270	0	17.31	17.31	17.38	17.33	17.33	18.50
		DFT-s-OFDM QPSK	1	1	18.25	18.47	18.44	18.30	18.29	19.50
	1		137	18.33	18.30	18.40	18.22	18.32	19.50	
	1		271	18.26	18.23	18.30	18.37	17.99	19.50	
	135		0	17.37	17.28	17.39	17.31	17.15	18.50	
	135		69	18.28	18.21	18.27	<b>18.33</b>	18.12	19.50	
	135		138	17.24	17.19	17.31	17.30	17.19	18.50	
			270	0	17.29	17.22	17.37	17.34	17.21	18.50
	DFT-s-OFDM 16QAM	1	1	17.60	17.56	17.67	17.56	17.53	18.50	
	DFT-s-OFDM 64QAM	1	1	16.05	16.06	16.13	16.05	16.09	17.00	
	DFT-s-OFDM 256QAM	1	1	13.81	13.73	13.88	13.83	13.81	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>100MHz</b>	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	508200	513402	518598	523800	528996	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	19.50	

NR n77 Receiver on				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	/	20.03	/	21.50	
		1	137	/	20.16	/	21.50	
		1	271	/	20.32	/	21.50	
		135	0	/	19.11	/	20.50	
		135	69	/	20.20	/	21.50	
		135	138	/	19.22	/	20.50	
	DFT-s-OFDM QPSK	270	0	/	19.13	/	20.50	
		1	1	/	20.37	/	21.50	
		1	137	/	20.24	/	21.50	
		1	271	/	20.32	/	21.50	
		135	0	/	19.14	/	20.50	
		135	69	/	20.15	/	21.50	
	DFT-s-OFDM 16QAM	135	138	/	19.18	/	20.50	
		270	0	/	19.21	/	20.50	
		DFT-s-OFDM 16QAM	1	1	/	19.29	/	20.50
		DFT-s-OFDM 64QAM	1	1	/	17.70	/	19.00
DFT-s-OFDM 256QAM	1	1	/	15.53	/	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	17.86	/	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.69	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	20.08	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.69	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.76	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	20.17	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.68	/	21.50	

NR n77 Receiver on				Conducted Power(dBm)						
SCS 30kHz(3700-3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM Pi/2 BPSK	1	1	19.60	19.59	19.67	19.62	19.62	19.66	21.50
		1	137	19.63	19.62	19.77	19.63	19.66	19.62	21.50
		1	271	19.68	19.61	19.73	19.69	19.66	19.66	21.50
		135	0	18.65	18.59	18.73	18.66	18.65	18.60	20.50
		135	69	19.67	19.65	19.70	19.66	19.66	19.61	21.50
		135	138	18.56	18.62	18.88	18.57	18.58	18.53	20.50
		270	0	18.60	18.62	18.70	18.64	18.66	18.61	20.50
	DFT-s-OFDM QPSK	1	1	20.16	19.82	19.86	19.89	20.00	20.01	21.50
		1	137	20.14	19.76	19.73	19.82	19.93	19.99	21.50
		1	271	20.06	19.64	19.79	19.78	19.78	19.82	21.50
		135	0	19.08	18.70	18.69	18.76	18.75	18.88	20.50
		135	69	20.06	19.79	19.74	19.77	19.81	19.84	21.50
		135	138	19.08	18.71	18.66	18.75	18.89	18.92	20.50
		270	0	19.05	18.72	18.67	18.72	18.75	18.88	20.50
	DFT-s-OFDM 16QAM	1	1	18.86	18.87	18.93	18.81	18.85	18.85	20.50
DFT-s-OFDM 64QAM	1	1	17.27	17.27	17.36	17.30	17.28	17.28	19.00	
DFT-s-OFDM 256QAM	1	1	15.12	15.11	15.17	15.05	15.12	15.07	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	17.42	17.44	17.48	17.40	17.42	17.45	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.05	19.69	19.81	19.74	19.85	19.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.06	19.68	19.78	19.74	19.85	19.94	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.06	19.68	19.73	19.76	19.84	19.88	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.07	19.66	19.77	19.77	19.84	19.91	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.04	19.66	19.72	19.76	19.86	19.89	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.08	19.66	19.77	19.76	19.83	19.88	21.50

NR n78 Power Class 2 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	/	15.87	/	17.50
		1	137	/	16.05	/	17.50
		1	271	/	16.22	/	17.50
		135	0	/	15.01	/	16.50
		135	69	/	16.02	/	17.50
		135	138	/	14.96	/	16.50
		270	0	/	15.12	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.18	/	17.50
		1	137	/	16.02	/	17.50
		1	271	/	16.16	/	17.50
		135	0	/	15.01	/	16.50
		135	69	/	16.03	/	17.50
		135	138	/	14.95	/	16.50
		270	0	/	15.09	/	16.50
DFT-s-OFDM 16QAM	1	1	/	15.19	/	16.50	
DFT-s-OFDM 64QAM	1	1	/	13.51	/	15.00	
DFT-s-OFDM 256QAM	1	1	/	11.30	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.49		15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1		15.57		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1		15.54		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1		15.94		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1		15.83		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1		15.87		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1		15.89		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1		15.86		17.50

NR n78 Power Class 2 sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.87	/	17.50
		1	137	/	16.07	/	17.50
		1	271	/	16.18	/	17.50
		135	0	/	14.99	/	16.50
		135	69	/	15.95	/	17.50
		135	138	/	14.94	/	16.50
		270	0	/	15.11	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.07	/	17.50
		1	137	/	16.02	/	17.50
		1	271	/	16.01	/	17.50
		135	0	/	14.99	/	16.50
		135	69	/	16.01	/	17.50
		135	138	/	14.95	/	16.50
		270	0	/	15.04	/	16.50
DFT-s-OFDM 16QAM	1	1	/	15.20	/	16.50	
DFT-s-OFDM 64QAM	1	1	/	13.52	/	15.00	
DFT-s-OFDM 256QAM	1	1	/	11.23	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	13.52	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.53	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.56	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.95	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.83	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.84	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.83	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.85	/	17.50

NR n78 Power Class 3 sensor on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.13	/	16.50
		1	137	/	15.32	/	16.50
		1	271	/	15.51	/	16.50
		135	0	/	14.25	/	15.50
		135	69	/	15.30	/	16.50
		135	138	/	14.21	/	15.50
	DFT-s-OFDM QPSK	270	0	/	14.38	/	15.50
		1	1	/	15.40	/	16.50
		1	137	/	15.28	/	16.50
		1	271	/	15.45	/	16.50
		135	0	/	14.32	/	15.50
		135	69	/	15.28	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	14.42	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.77	/	14.00
DFT-s-OFDM 256QAM	1	1	/	10.51	/	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1		12.76		14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1		14.84		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1		14.80		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1		15.21		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1		15.12		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1		15.14		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1		15.20		16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1		15.17		16.50

NR n78 Power Class 3 sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.17	/	16.50
		1	137	/	15.35	/	16.50
		1	271	/	15.50	/	16.50
		135	0	/	14.23	/	15.50
		135	69	/	15.32	/	16.50
		135	138	/	14.25	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.44	/	16.50
		1	137	/	15.30	/	16.50
		1	271	/	15.43	/	16.50
		135	0	/	14.35	/	15.50
		135	69	/	15.35	/	16.50
		135	138	/	14.25	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.48	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.78	/	14.00
DFT-s-OFDM 256QAM	1	1	/	10.55	/	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.79	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.86	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.81	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.21	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.09	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.18	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.16	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.12	/	16.50

NR n77 sensor on/hotspot on				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	/	16.93	/	18.50
		1	137	/	17.10	/	18.50
		1	271	/	17.23	/	18.50
		135	0	/	15.99	/	17.50
		135	69	/	17.10	/	18.50
		135	138	/	16.11	/	17.50
	DFT-s-OFDM QPSK	270	0	/	16.01	/	17.50
		1	1	/	17.35	/	18.50
		1	137	/	17.11	/	18.50
		1	271	/	17.22	/	18.50
		135	0	/	16.03	/	17.50
		135	69	/	17.07	/	18.50
		135	138	/	16.10	/	17.50
		270	0	/	16.08	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.17	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	14.56	/	16.00
DFT-s-OFDM 256QAM	1	1	/	12.41	/	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	14.81	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	17.20	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	17.04	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	17.07	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.75	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	17.18	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	17.08	/	18.50

NR n77 sensor on/hotspot on				Conducted Power(dBm)								
SCS 30kHz(3700-3980)												
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
				650000	652400	654800	657200	659600	662000			
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	16.88	16.83	18.50
		1	137	16.89	16.90	16.95	16.88	16.92	16.82	16.82	18.50	
		1	271	16.88	16.82	16.97	16.87	16.94	16.86	16.86	18.50	
		135	0	15.93	15.89	15.95	15.91	15.88	15.85	15.85	17.50	
		135	69	16.86	16.88	16.89	16.90	16.87	16.83	16.83	18.50	
		135	138	15.78	15.83	15.86	15.83	15.77	15.78	15.78	17.50	
	DFT-s-OFDM QPSK	270	0	15.87	15.84	15.91	15.86	15.89	15.88	15.88	17.50	
		1	1	17.38	16.89	16.95	16.99	16.95	16.95	17.04	18.50	
		1	137	17.37	16.99	17.09	17.06	17.16	17.22	17.22	18.50	
		1	271	17.28	17.02	17.07	17.08	17.21	17.24	17.24	18.50	
		135	0	16.27	15.96	15.90	15.93	15.95	16.12	16.12	17.50	
		135	69	17.23	16.96	16.96	17.01	17.05	17.05	17.05	18.50	
	DFT-s-OFDM 16QAM	135	138	16.29	15.92	15.92	15.96	16.06	16.16	16.16	17.50	
		270	0	16.28	15.89	15.88	15.95	16.00	16.12	16.12	17.50	
		DFT-s-OFDM 64QAM	1	1	16.10	16.07	16.18	16.02	16.04	16.06	17.50	
		DFT-s-OFDM 256QAM	1	1	14.54	14.55	14.59	14.53	14.47	14.53	16.00	
DFT-s-OFDM 256QAM	1	1	12.31	12.30	12.42	12.26	12.33	12.30	14.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	16.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up		
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	18.50		

NR n78 Power Class 2 Sensor On				Conducted Power(dBm)				
SCS 30kHz(3450-3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.86	/	18.50	
		1	137	/	17.03	/	18.50	
		1	271	/	17.18	/	18.50	
		135	0	/	15.98	/	17.50	
		135	69	/	17.01	/	18.50	
		135	138	/	15.93	/	17.50	
			270	0	/	16.10	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.17	/	18.50	
		1	137	/	17.03	/	18.50	
		1	271	/	17.16	/	18.50	
		135	0	/	16.06	/	17.50	
		135	69	/	17.00	/	18.50	
		135	138	/	15.94	/	17.50	
			270	0	/	16.05	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.20	/	17.50	
	DFT-s-OFDM 64QAM	1	1	/	14.51	/	16.00	
	DFT-s-OFDM 256QAM	1	1	/	12.28	/	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
100MHz	CP-OFDM QPSK	1	1	/	633334	/		
					15.53		16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.02		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.04		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.45		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.35		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.39		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.38		18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/		
					17.38		18.50	

NR n78 Power Class 2 Receiver on/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.88	/	18.50
		1	137	/	17.03	/	18.50
		1	271	/	17.19	/	18.50
		135	0	/	15.97	/	17.50
		135	69	/	16.99	/	18.50
		135	138	/	15.95	/	17.50
		270	0	/	16.10	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.19	/	18.50
		1	137	/	17.10	/	18.50
		1	271	/	17.12	/	18.50
		135	0	/	15.98	/	17.50
		135	69	/	17.02	/	18.50
		135	138	/	15.93	/	17.50
		270	0	/	16.03	/	17.50
DFT-s-OFDM 16QAM	1	1	/	16.19	/	17.50	
DFT-s-OFDM 64QAM	1	1	/	14.51	/	16.00	
DFT-s-OFDM 256QAM	1	1	/	12.25	/	14.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.50

NR n78 Power Class 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	/	16.11	/	17.50
		1	137	/	16.32	/	17.50
		1	271	/	16.50	/	17.50
		135	0	/	15.24	/	16.50
		135	69	/	16.29	/	17.50
		135	138	/	15.25	/	16.50
		270	0	/	15.37	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.41	/	17.50
		1	137	/	16.31	/	17.50
		1	271	/	16.46	/	17.50
		135	0	/	15.31	/	16.50
		135	69	/	16.27	/	17.50
		135	138	/	15.22	/	16.50
		270	0	/	15.30	/	16.50
DFT-s-OFDM 16QAM	1	1	/	15.43	/	16.50	
DFT-s-OFDM 64QAM	1	1	/	13.73	/	15.00	
DFT-s-OFDM 256QAM	1	1	/	11.55	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	
					13.76		15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					15.83		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					15.80		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					16.20		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					16.12		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					16.14		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					16.21		17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	
					16.15		17.50

NR n78 Power Class 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	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.13	/	17.50
		1	137	/	16.34	/	17.50
		1	271	/	16.50	/	17.50
		135	0	/	15.23	/	16.50
		135	69	/	16.31	/	17.50
		135	138	/	15.22	/	16.50
		270	0	/	15.36	/	16.50
	DFT-s-OFDM QPSK	1	1	/	16.45	/	17.50
		1	137	/	16.33	/	17.50
		1	271	/	16.44	/	17.50
		135	0	/	15.31	/	16.50
		135	69	/	16.30	/	17.50
		135	138	/	15.22	/	16.50
		270	0	/	15.32	/	16.50
DFT-s-OFDM 16QAM	1	1	/	15.46	/	16.50	
DFT-s-OFDM 64QAM	1	1	/	13.75	/	15.00	
DFT-s-OFDM 256QAM	1	1	/	11.57	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	17.50

9.7 Conducted Power of NR Antenna (Ant10)

NR n78 SA Power Class 2 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.11	/	16.50
		1	137	/	15.18	/	16.50
		1	271	/	15.03	/	16.50
		135	0	/	14.25	/	15.50
		135	69	/	15.21	/	16.50
		135	138	/	14.28	/	15.50
		270	0	/	14.15	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.43	/	16.50
		1	137	/	15.18	/	16.50
		1	271	/	15.09	/	16.50
		135	0	/	14.02	/	15.50
		135	69	/	15.21	/	16.50
		135	138	/	14.29	/	15.50
		270	0	/	14.22	/	15.50
DFT-s-OFDM 16QAM	1	1	/	14.31	/	15.50	
DFT-s-OFDM 64QAM	1	1	/	12.78	/	14.00	
DFT-s-OFDM 256QAM	1	1	/	10.68	/	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50

NR n78 SA Power Class 2 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.08	/	16.50
		1	137	/	15.19	/	16.50
		1	271	/	15.04	/	16.50
		135	0	/	14.23	/	15.50
		135	69	/	13.22	/	16.50
		135	138	/	14.46	/	15.50
		270	0	/	14.32	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.25	/	16.50
		1	137	/	15.05	/	16.50
		1	271	/	15.07	/	16.50
		135	0	/	14.23	/	15.50
		135	69	/	15.23	/	16.50
		135	138	/	14.35	/	15.50
		270	0	/	14.45	/	15.50
DFT-s-OFDM 16QAM	1	1	/	14.56	/	15.50	
DFT-s-OFDM 64QAM	1	1	/	12.91	/	14.00	
DFT-s-OFDM 256QAM	1	1	/	10.71	/	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.95	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	15.01	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	15.19	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	15.08	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.22	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.04	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.09	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.08	/	18.00

NR n78 SA Power Class 3 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.63	/	14.20
		1	137	/	12.81	/	14.20
		1	271	/	12.55	/	14.20
		135	0	/	11.72	/	13.20
		135	69	/	12.79	/	14.20
		135	138	/	11.85	/	13.20
		270	0	/	11.68	/	13.20
	DFT-s-OFDM QPSK	1	1	/	12.95	/	14.20
		1	137	/	12.81	/	14.20
		1	271	/	12.72	/	14.20
		135	0	/	11.85	/	13.20
		135	69	/	12.79	/	14.20
		135	138	/	11.91	/	13.20
		270	0	/	11.87	/	13.20
DFT-s-OFDM 16QAM	1	1	/	11.89	/	13.20	
DFT-s-OFDM 64QAM	1	1	/	10.49	/	11.70	
DFT-s-OFDM 256QAM	1	1	/	8.12	/	9.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1		10.29		11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.81	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.69	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.73	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.68	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.78	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	12.69	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	12.77	/	14.20

NR n78 SA Power Class 3 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	12.85	/	14.20
		1	137	/	12.79	/	14.20
		1	271	/	12.68	/	14.20
		135	0	/	11.78	/	13.20
		135	69	/	12.81	/	14.20
		135	138	/	11.85	/	13.20
		270	0	/	11.67	/	13.20
	DFT-s-OFDM QPSK	1	1	/	12.87	/	14.20
		1	137	/	12.91	/	14.20
		1	271	/	12.80	/	14.20
		135	0	/	11.84	/	13.20
		135	69	/	12.89	/	14.20
		135	138	/	11.91	/	13.20
		270	0	/	11.85	/	13.20
DFT-s-OFDM 16QAM	1	1	/	11.95	/	13.20	
DFT-s-OFDM 64QAM	1	1	/	10.45	/	11.70	
DFT-s-OFDM 256QAM	1	1	/	8.61	/	9.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	10.28	/	11.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.68	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.66	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.35	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	12.49	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.81	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	12.78	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	12.90	/	14.20

NR n77 Full Power				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	/	24.83	/	25.70
		1	137	/	24.94	/	25.70
		1	271	/	25.06	/	25.70
		135	0	/	23.86	/	24.70
		135	69	/	24.97	/	25.70
		135	138	/	23.96	/	24.70
		270	0	/	23.89	/	24.70
	DFT-s-OFDM QPSK	1	1	/	25.06	/	25.70
		1	137	/	24.95	/	25.70
		1	271	/	25.05	/	25.70
		135	0	/	23.88	/	24.70
		135	69	/	25.01	/	25.70
		135	138	/	24.03	/	24.70
		270	0	/	23.92	/	24.70
DFT-s-OFDM 16QAM	1	1	/	24.01	/	24.70	
DFT-s-OFDM 64QAM	1	1	/	22.45	/	23.20	
DFT-s-OFDM 256QAM	1	1	/	20.22	/	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.63	/	23.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	25.32	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	25.29	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	25.35	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	25.25	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	25.30	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	25.24	/	25.70

NR n77 Full Power				Conducted Power(dBm)							
SCS 30kHz(3700-3980)											
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				650000	652400	654800	657200	659600	662000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.11	25.00	25.12	25.19	25.04	25.17	25.70	
		1	137	25.31	25.03	25.23	25.14	25.06	25.12	25.70	
		1	271	25.25	25.04	25.13	25.14	24.99	25.00	25.70	
		135	0	24.20	24.11	24.16	24.15	24.14	24.09	24.70	
		135	69	25.33	25.06	25.19	25.09	25.12	25.22	25.70	
		135	138	24.25	23.98	24.05	24.18	24.16	24.16	24.70	
	DFT-s-OFDM QPSK	270	0	24.28	24.10	24.14	23.97	23.95	24.13	24.70	
		1	1	25.37	25.04	25.10	25.18	25.00	25.16	25.70	
		1	137	25.36	25.06	25.21	25.19	25.05	25.17	25.70	
		1	271	25.31	25.00	25.14	25.13	25.00	25.04	25.70	
		135	0	24.24	24.15	24.16	24.21	24.08	24.11	24.70	
		135	69	25.30	25.12	25.15	25.05	25.08	<b>25.19</b>	25.70	
	DFT-s-OFDM 16QAM	135	138	24.26	24.04	24.05	24.14	24.20	24.15	24.70	
		270	0	24.22	24.12	24.17	23.98	24.01	24.13	24.70	
		DFT-s-OFDM 16QAM	1	1	24.30	24.23	24.27	24.24	24.28	24.20	24.70
		DFT-s-OFDM 64QAM	1	1	22.72	22.73	22.84	22.69	22.76	22.74	23.20
		DFT-s-OFDM 256QAM	1	1	20.42	20.39	20.51	20.53	20.35	20.45	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	23.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	25.70	

NR 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	/		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	15.78	/	16.70	
		1	137	/	15.86	/	16.70	
		1	271	/	15.96	/	16.70	
		135	0	/	14.78	/	15.70	
		135	69	/	15.91	/	16.70	
		135	138	/	14.86	/	15.70	
			270	0	/	14.84	/	15.70
		DFT-s-OFDM QPSK	1	1	/	15.98	/	16.70
	1		137	/	15.89	/	16.70	
	1		271	/	15.95	/	16.70	
	135		0	/	14.81	/	15.70	
	135		69	/	15.95	/	16.70	
	135		138	/	14.94	/	15.70	
			270	0	/	14.85	/	15.70
		DFT-s-OFDM 16QAM	1	1	/	14.96	/	15.70
	DFT-s-OFDM 64QAM	1	1	/	13.39	/	14.20	
	DFT-s-OFDM 256QAM	1	1	/	11.17	/	12.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	13.58	/	14.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.23	/	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.23	/	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.30	/	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.17	/	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.25	/	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	16.16	/	16.70	

NR n77 Receiver on/hotspot on				Conducted Power(dBm)							
SCS 30kHz(3700~3980)											
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
				650000	652400	654800	657200	659600	662000		
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.04	15.90	16.02	16.10	15.99	16.12	16.70	
		1	137	16.24	15.94	16.15	16.08	15.99	16.04	16.70	
		1	271	16.15	15.97	16.05	16.06	15.90	15.92	16.70	
		135	0	15.15	15.05	15.10	15.10	15.08	14.99	15.70	
		135	69	16.26	15.99	16.11	16.03	16.05	16.17	16.70	
		135	138	15.19	14.90	14.95	15.08	15.08	15.07	15.70	
	DFT-s-OFDM QPSK	270	0	15.19	15.04	15.09	14.89	14.88	15.03	15.70	
		1	1	16.32	15.99	16.14	16.13	16.00	16.08	16.70	
		1	137	16.31	15.98	16.05	16.12	15.91	16.07	16.70	
		1	271	16.21	15.95	16.08	16.08	15.94	15.95	16.70	
		135	0	15.19	15.10	15.10	15.13	15.03	15.01	15.70	
		135	69	16.23	16.06	16.06	16.00	15.99	<b>16.13</b>	16.70	
	DFT-s-OFDM 16QAM	135	138	15.17	14.96	14.98	15.04	15.13	15.09	15.70	
		270	0	15.16	15.06	15.09	14.89	14.94	15.07	15.70	
		DFT-s-OFDM 16QAM	1	1	15.22	15.14	15.18	15.15	15.21	15.14	15.70
		DFT-s-OFDM 64QAM	1	1	13.62	13.65	13.77	13.61	13.66	13.67	14.20
DFT-s-OFDM 256QAM	1	1	11.35	11.31	11.45	11.47	11.26	11.36	12.20		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
100MHz	CP-OFDM QPSK	1	1	13.72	13.77	13.90	13.80	13.81	13.71	14.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	16.20	15.92	16.02	16.08	15.92	16.02	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	16.21	15.94	16.06	16.06	15.90	16.02	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	16.21	15.88	16.03	16.06	15.92	16.00	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	16.22	15.91	16.07	16.01	15.90	16.01	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	16.18	15.90	16.05	16.09	15.90	16.02	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	16.24	15.93	16.08	16.04	15.88	16.05	16.70	

NR n78 Power Class 2 Receiver on NSA /Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.14	/	15.00
		1	137	/	14.23	/	15.00
		1	271	/	14.09	/	15.00
		135	0	/	13.21	/	14.00
		135	69	/	14.28	/	15.00
		135	138	/	13.33	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.69	/	15.00
		1	137	/	14.23	/	15.00
		1	271	/	14.10	/	15.00
		135	0	/	13.16	/	14.00
		135	69	/	14.64	/	15.00
		135	138	/	13.39	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.25	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.80	/	12.50
DFT-s-OFDM 256QAM	1	1	/	9.58	/	10.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		11.84		12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.26	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.08	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.18	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.22	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.06	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	14.25	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	14.33	/	15.00

NR n78 Power Class 2 Receiver on NSA/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.18	/	15.00
		1	137	/	14.27	/	15.00
		1	271	/	14.14	/	15.00
		135	0	/	13.18	/	14.00
		135	69	/	14.32	/	15.00
		135	138	/	13.35	/	14.00
	DFT-s-OFDM QPSK	1	1	/	14.51	/	15.00
		1	137	/	14.21	/	15.00
		1	271	/	14.20	/	15.00
		135	0	/	13.19	/	14.00
		135	69	/	14.50	/	15.00
		135	138	/	13.39	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.30	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	11.77	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	9.60	/	10.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.87	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.25	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.10	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.19	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.20	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.12	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	14.23	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	14.29	/	15.00

NR n78 Power Class 3 Receiver on NSA/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.58	/	12.70
		1	137	/	11.75	/	12.70
		1	271	/	11.59	/	12.70
		135	0	/	10.66	/	11.70
		135	69	/	11.81	/	12.70
		135	138	/	10.78	/	11.70
	DFT-s-OFDM QPSK	1	1	/	11.90	/	12.70
		1	137	/	11.67	/	12.70
		1	271	/	11.61	/	12.70
		135	0	/	10.64	/	11.70
		135	69	/	11.86	/	12.70
		135	138	/	10.86	/	11.70
	DFT-s-OFDM 16QAM	1	1	/	10.79	/	11.70
	DFT-s-OFDM 64QAM	1	1	/	9.30	/	10.20
DFT-s-OFDM 256QAM	1	1	/	7.05	/	8.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1		9.29		10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	11.70	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	11.53	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	11.68	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	11.72	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.50	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	11.71	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	11.78	/	12.70

NR n78 Power Class 3 Receiver on NSA/Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.61	/	12.70
		1	137	/	11.74	/	12.70
		1	271	/	11.57	/	12.70
		135	0	/	10.71	/	11.70
		135	69	/	11.76	/	12.70
		135	138	/	10.78	/	11.70
	DFT-s-OFDM QPSK	1	1	/	11.92	/	12.70
		1	137	/	11.69	/	12.70
		1	271	/	11.60	/	12.70
		135	0	/	10.65	/	11.70
		135	69	/	11.87	/	12.70
		135	138	/	10.86	/	11.70
	DFT-s-OFDM 16QAM	1	1	/	10.70	/	11.70
	DFT-s-OFDM 64QAM	1	1	/	9.26	/	10.20
DFT-s-OFDM 256QAM	1	1	/	7.13	/	8.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	9.40	/	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	11.73	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	11.57	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	11.67	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	11.70	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	11.60	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	11.73	/	12.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	11.77	/	12.70

NR 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	/	18.70	/	19.70
		1	137	/	18.84	/	19.70
		1	271	/	18.92	/	19.70
		135	0	/	17.72	/	18.70
		135	69	/	18.82	/	19.70
		135	138	/	17.82	/	18.70
		270	0	/	17.78	/	18.70
	DFT-s-OFDM QPSK	1	1	/	18.86	/	19.70
		1	137	/	18.77	/	19.70
		1	271	/	18.87	/	19.70
		135	0	/	17.73	/	18.70
		135	69	/	18.83	/	19.70
		135	138	/	17.87	/	18.70
		270	0	/	17.77	/	18.70
	DFT-s-OFDM 16QAM	1	1	/	17.83	/	18.70
	DFT-s-OFDM 64QAM	1	1	/	16.34	/	17.20
DFT-s-OFDM 256QAM	1	1	/	14.08	/	15.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.49	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.17	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.15	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.20	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.05	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.13	/	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	/	19.10	/	19.70

NR n77 Sensor on				Conducted Power(dBm)						
SCS 30kHz(3700-3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	19.70
		1	137	18.95	18.89	18.97	19.05	18.90	19.02	19.70
		1	271	19.18	18.86	19.06	18.99	18.90	18.94	19.70
		135	0	19.13	18.87	18.94	18.98	18.79	18.84	19.70
		135	69	18.06	17.96	17.99	17.99	18.01	17.96	18.70
		270	0	19.14	18.93	19.07	18.91	18.99	19.09	19.70
	DFT-s-OFDM QPSK	135	138	18.10	17.86	17.88	18.01	17.99	17.99	18.70
		270	0	18.14	17.92	17.98	17.81	17.76	18.00	18.70
		1	1	19.21	18.90	18.94	19.07	18.81	19.05	19.70
		1	137	19.23	18.91	19.09	19.01	18.89	19.01	19.70
		1	271	19.12	18.89	19.04	18.95	18.86	18.85	19.70
		135	0	18.06	18.01	17.98	18.08	17.93	17.97	18.70
	DFT-s-OFDM 16QAM	135	69	19.20	18.96	19.00	18.90	18.90	19.05	19.70
		135	138	18.15	17.91	17.92	17.98	18.09	17.99	18.70
		270	0	18.08	17.95	18.01	17.82	17.86	17.98	18.70
		DFT-s-OFDM 64QAM	1	1	18.12	18.08	18.11	18.09	18.13	18.07
DFT-s-OFDM 256QAM	1	1	16.59	16.61	16.70	16.58	16.64	16.60	17.20	
DFT-s-OFDM 256QAM	1	1	14.28	14.21	14.34	14.36	14.23	14.29	15.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	19.70

NR n78 Power Class 2 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.18	/	19.50
		1	137	/	19.23	/	19.50
		1	271	/	19.12	/	19.50
		135	0	/	17.83	/	18.50
		135	69	/	19.02	/	19.50
		135	138	/	18.15	/	18.50
	DFT-s-OFDM QPSK	270	0	/	18.19	/	18.50
		1	1	/	19.35	/	19.50
		1	137	/	18.84	/	19.50
		1	271	/	19.16	/	19.50
		135	0	/	18.09	/	18.50
		135	69	/	19.26	/	19.50
	DFT-s-OFDM 16QAM	135	138	/	18.30	/	18.50
		270	0	/	17.82	/	18.50
DFT-s-OFDM 64QAM	1	1	/	18.03	/	18.50	
DFT-s-OFDM 256QAM	1	1	/	16.53	/	17.00	
DFT-s-OFDM 256QAM	1	1	/	14.50	/	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.89		17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.85	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.13	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.91	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.87	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.96	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	18.94	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.86	/	19.50

NR n78 Power Class 2 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.86	/	19.50
		1	137	/	18.94	/	19.50
		1	271	/	18.80	/	19.50
		135	0	/	17.90	/	18.50
		135	69	/	18.98	/	19.50
		135	138	/	18.02	/	18.50
	DFT-s-OFDM QPSK	1	1	/	19.14	/	19.50
		1	137	/	18.90	/	19.50
		1	271	/	18.85	/	19.50
		135	0	/	17.90	/	18.50
		135	69	/	19.04	/	19.50
		135	138	/	18.03	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.93	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.51	/	17.00
DFT-s-OFDM 256QAM	1	1	/	14.24	/	15.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.56	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.90	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.80	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.86	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.90	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.79	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	18.90	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.96	/	19.50

NR n78 Power Class 3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.65	/	17.20
		1	137	/	16.70	/	17.20
		1	271	/	16.58	/	17.20
		135	0	/	15.33	/	16.20
		135	69	/	16.48	/	17.20
		135	138	/	15.64	/	16.20
	DFT-s-OFDM QPSK	270	0	/	15.67	/	16.20
		1	1	/	16.88	/	17.20
		1	137	/	16.29	/	17.20
		1	271	/	16.60	/	17.20
		135	0	/	15.52	/	16.20
		135	69	/	16.74	/	17.20
	DFT-s-OFDM 16QAM	135	138	/	15.79	/	16.20
		270	0	/	15.28	/	16.20
1		1	/	15.55	/	16.20	
DFT-s-OFDM 64QAM		1	1	/	14.01	/	14.70
DFT-s-OFDM 256QAM	1	1	/	12.01	/	12.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1		14.38		14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.34	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.58	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.39	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.31	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.44	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	16.45	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	16.28	/	17.20

NR n78 Power Class 3 Sensor on				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.68	/	17.20
		1	137	/	16.73	/	17.20
		1	271	/	16.62	/	17.20
		135	0	/	15.30	/	16.20
		135	69	/	16.47	/	17.20
		135	138	/	15.66	/	16.20
	DFT-s-OFDM QPSK	270	0	/	15.65	/	16.20
		1	1	/	16.83	/	17.20
		1	137	/	16.31	/	17.20
		1	271	/	16.61	/	17.20
		135	0	/	15.52	/	16.20
		135	69	/	16.70	/	17.20
	DFT-s-OFDM 16QAM	135	138	/	15.77	/	16.20
		270	0	/	15.28	/	16.20
		1	1	/	15.52	/	16.20
DFT-s-OFDM 64QAM	1	1	/	13.98	/	14.70	
DFT-s-OFDM 256QAM	1	1	/	11.98	/	12.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.39	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.36	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.61	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.35	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.30	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.43	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	16.45	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	16.34	/	17.20

NR n78 Power Class 2 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.77	/	25.00
		1	137	/	24.79	/	25.00
		1	271	/	24.72	/	25.00
		135	0	/	23.41	/	24.00
		135	69	/	24.57	/	25.00
		135	138	/	23.70	/	24.00
	DFT-s-OFDM QPSK	270	0	/	23.78	/	24.00
		1	1	/	24.92	/	25.00
		1	137	/	24.42	/	25.00
		1	271	/	24.75	/	25.00
		135	0	/	23.69	/	24.00
		135	69	/	24.86	/	25.00
	DFT-s-OFDM 16QAM	135	138	/	23.86	/	24.00
		270	0	/	23.42	/	24.00
DFT-s-OFDM 64QAM	1	1	/	23.58	/	24.00	
DFT-s-OFDM 256QAM	1	1	/	22.12	/	22.50	
DFT-s-OFDM 256QAM	1	1	/	20.10	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		22.49		22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.43	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.69	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	24.51	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	24.43	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.54	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	24.52	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.41	/	25.00

NR n78 Power Class 2 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.41	/	25.00
		1	137	/	24.50	/	25.00
		1	271	/	24.36	/	25.00
		135	0	/	23.48	/	24.00
		135	69	/	24.56	/	25.00
		135	138	/	23.60	/	24.00
	DFT-s-OFDM QPSK	270	0	/	23.34	/	24.00
		1	1	/	24.72	/	25.00
		1	137	/	24.46	/	25.00
		1	271	/	24.45	/	25.00
		135	0	/	23.49	/	24.00
		135	69	/	24.59	/	25.00
	DFT-s-OFDM 16QAM	135	138	/	23.58	/	24.00
		270	0	/	23.35	/	24.00
DFT-s-OFDM 64QAM	1	1	/	23.49	/	24.00	
DFT-s-OFDM 256QAM	1	1	/	22.09	/	22.50	
DFT-s-OFDM 256QAM	1	1	/	19.83	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.11	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.50	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.40	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	24.46	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	24.49	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	24.34	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	24.48	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	24.56	/	25.00

NR n78 Power Class 3 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.22	/	22.70
		1	137	/	22.27	/	22.70
		1	271	/	22.17	/	22.70
		135	0	/	20.93	/	21.70
		135	69	/	22.05	/	22.70
		135	138	/	21.23	/	21.70
	DFT-s-OFDM QPSK	270	0	/	21.22	/	21.70
		1	1	/	22.45	/	22.70
		1	137	/	21.85	/	22.70
		1	271	/	22.15	/	22.70
		135	0	/	21.10	/	21.70
		135	69	/	22.32	/	22.70
	DFT-s-OFDM 16QAM	135	138	/	21.35	/	21.70
		270	0	/	20.86	/	21.70
DFT-s-OFDM 64QAM	1	1	/	21.11	/	21.70	
DFT-s-OFDM 256QAM	1	1	/	19.58	/	20.20	
DFT-s-OFDM 256QAM	1	1	/	17.61	/	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1		19.98		20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.91	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.18	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.98	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.90	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.01	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.03	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.83	/	22.70

NR n78 Power Class 3 Sensor off				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.28	/	22.70
		1	137	/	22.31	/	22.70
		1	271	/	22.19	/	22.70
		135	0	/	20.86	/	21.70
		135	69	/	22.02	/	22.70
		135	138	/	21.23	/	21.70
	DFT-s-OFDM QPSK	270	0	/	21.21	/	21.70
		1	1	/	22.42	/	22.70
		1	137	/	21.86	/	22.70
		1	271	/	22.21	/	22.70
		135	0	/	21.10	/	21.70
		135	69	/	22.27	/	22.70
	DFT-s-OFDM 16QAM	135	138	/	21.37	/	21.70
		270	0	/	20.83	/	21.70
DFT-s-OFDM 64QAM	1	1	/	21.11	/	21.70	
DFT-s-OFDM 256QAM	1	1	/	19.53	/	20.20	
DFT-s-OFDM 256QAM	1	1	/	17.58	/	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.97	/	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.93	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.21	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.93	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.85	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.03	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	22.03	/	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.91	/	22.70

### 9.8 Conducted Power of NR Antenna (Ant11)

NR n77 Full Power				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	/	25.31	/	25.70
		1	137	/	25.38	/	25.70
		1	271	/	25.30	/	25.70
		135	0	/	24.29	/	24.70
		135	69	/	25.22	/	25.70
		135	138	/	24.44	/	24.70
		270	0	/	24.38	/	24.70
	DFT-s-OFDM QPSK	1	1	/	25.64	/	25.70
		1	137	/	25.44	/	25.70
		1	271	/	25.63	/	25.70
		135	0	/	24.29	/	24.70
		135	69	/	25.34	/	25.70
		135	138	/	24.33	/	24.70
		270	0	/	24.34	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	24.10	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.95	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	20.75	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.70
90MHz	DFT-s-OFDM QPSK	1	1	/	24.95	/	25.70
80MHz	DFT-s-OFDM QPSK	1	1	/	24.82	/	25.70
60MHz	DFT-s-OFDM QPSK	1	1	/	24.84	/	25.70
50MHz	DFT-s-OFDM QPSK	1	1	/	24.93	/	25.70
40MHz	DFT-s-OFDM QPSK	1	1	/	24.82	/	25.70
20MHz	DFT-s-OFDM QPSK	1	1	/	24.93	/	25.70

NR n77 Full Power				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz(3700~3980)						Tune up
				Channel	Channel	Channel	Channel	Channel	Channel	
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM Pi/2 BPSK	1	1	24.97	24.97	25.03	24.95	24.94	24.95	25.70
		1	137	25.10	25.12	25.18	25.09	25.11	25.12	25.70
		1	271	25.24	25.25	25.31	25.24	25.21	25.23	25.70
		135	0	24.05	24.04	24.12	24.05	24.04	24.05	24.70
		135	69	25.06	25.09	25.15	25.10	25.06	25.05	25.70
		135	138	24.02	24.03	24.10	24.01	24.00	24.02	24.70
	DFT-s-OFDM QPSK	270	0	24.00	23.98	24.07	23.97	23.97	23.99	24.70
		1	1	25.56	25.05	25.02	25.09	25.01	25.03	25.70
		1	137	25.55	25.20	25.16	25.16	25.19	25.20	25.70
		1	271	25.50	25.21	25.27	25.32	25.30	25.25	25.70
		135	0	24.43	24.03	24.11	24.17	24.06	24.18	24.70
		135	69	25.43	25.07	25.14	25.09	25.15	25.13	25.70
	DFT-s-OFDM 16QAM	135	138	24.36	24.10	24.12	24.14	24.12	24.07	24.70
		270	0	24.36	24.02	24.08	24.03	24.03	24.09	24.70
		1	1	24.16	24.15	24.26	24.21	24.19	24.16	24.70
		1	1	22.59	22.60	22.66	22.59	22.56	22.60	23.20
DFT-s-OFDM 256QAM	1	1	20.32	20.38	20.43	20.35	20.37	20.38	21.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	
				22.72	22.71	22.80	22.72	22.71	22.74	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	
				25.50	25.14	25.06	25.06	25.12	25.15	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	
				25.46	25.12	25.08	25.11	25.11	25.12	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	
				25.46	25.12	25.11	25.10	25.13	25.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	
				25.48	25.14	25.08	25.06	25.09	25.15	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	
				25.47	25.13	25.06	25.09	25.14	25.12	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	
				25.50	25.15	25.08	25.08	25.13	25.12	25.70

NR n78 Power Class 2 Full Power				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	/	27.20	/	28.50
		1	137	/	27.37	/	28.50
		1	271	/	27.28	/	28.50
		135	0	/	26.32	/	27.50
		135	69	/	27.22	/	28.50
		135	138	/	26.25	/	27.50
	DFT-s-OFDM QPSK	270	0	/	26.32	/	27.50
		1	1	/	27.34	/	28.50
		1	137	/	27.33	/	28.50
		1	271	/	27.28	/	28.50
		135	0	/	26.33	/	27.50
		135	69	/	27.25	/	28.50
	DFT-s-OFDM 16QAM	135	138	/	26.32	/	27.50
		270	0	/	26.34	/	27.50
		1	1	/	26.51	/	27.50
	DFT-s-OFDM 64QAM	1	1	/	24.84	/	26.00
		1	1	/	22.57	/	24.00
		1	1	/	22.57	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	26.00
					24.54		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.34		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.55		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.43		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.56		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.44		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.53		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	28.50
					27.34		

NR n78 Power Class 2 Full Power				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	/	27.23	/	28.50
		1	137	/	27.32	/	28.50
		1	271	/	27.28	/	28.50
		135	0	/	26.33	/	27.50
		135	69	/	27.30	/	28.50
		135	138	/	26.29	/	27.50
		270	0	/	26.41	/	27.50
	DFT-s-OFDM QPSK	1	1	/	27.51	/	28.50
		1	137	/	27.34	/	28.50
		1	271	/	27.47	/	28.50
		135	0	/	26.31	/	27.50
		135	69	/	27.34	/	28.50
		135	138	/	26.23	/	27.50
		270	0	/	26.27	/	27.50
	DFT-s-OFDM 16QAM	1	1	/	26.49	/	27.50
	DFT-s-OFDM 64QAM	1	1	/	24.86	/	26.00
	DFT-s-OFDM 256QAM	1	1	/	22.70	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	24.60	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	27.44	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	27.34	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	27.41	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	27.52	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	27.53	/	28.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	28.50
20MHz	DFT-s-OFDM QPSK	1	1	/	27.42	/	28.50

NR n78 Power Class 3 Full Power				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	/	24.55	/	25.70
		1	137	/	24.77	/	25.70
		1	271	/	24.68	/	25.70
		135	0	/	23.69	/	24.70
		135	69	/	24.58	/	25.70
		135	138	/	23.62	/	24.70
	DFT-s-OFDM QPSK	270	0	/	23.67	/	24.70
		1	1	/	24.73	/	25.70
		1	137	/	24.69	/	25.70
		1	271	/	24.67	/	25.70
		135	0	/	23.71	/	24.70
		135	69	/	24.61	/	25.70
	DFT-s-OFDM 16QAM	135	138	/	23.68	/	24.70
		270	0	/	23.73	/	24.70
		1	1	/	23.89	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.20	/	23.20
		1	1	/	19.96	/	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	650000	/	23.20
					21.94		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.70		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.91		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.79		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.91		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.81		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.99		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
					24.70		

NR n78 Power Class 3 Full Power				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	/	24.57	/	25.70
		1	137	/	24.75	/	25.70
		1	271	/	24.68	/	25.70
		135	0	/	23.71	/	24.70
		135	69	/	24.61	/	25.70
		135	138	/	23.64	/	24.70
	DFT-s-OFDM QPSK	270	0	/	23.69	/	24.70
		1	1	/	24.69	/	25.70
		1	137	/	24.70	/	25.70
		1	271	/	24.65	/	25.70
		135	0	/	23.69	/	24.70
		135	69	/	24.63	/	25.70
	DFT-s-OFDM 16QAM	135	138	/	23.68	/	24.70
		270	0	/	23.74	/	24.70
		1	1	/	23.90	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.20	/	23.20
		1	1	/	19.96	/	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	650000	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	21.89	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	24.73	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	24.82	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	24.93	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	24.98	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	24.71	/	25.70

NR n77 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.79	/	19.20
		1	137	/	18.86	/	19.20
		1	271	/	18.75	/	19.20
		135	0	/	17.73	/	18.20
		135	69	/	18.68	/	19.20
		135	138	/	17.88	/	18.20
		270	0	/	17.83	/	18.20
	DFT-s-OFDM QPSK	1	1	/	19.10	/	19.20
		1	137	/	18.91	/	19.20
		1	271	/	19.04	/	19.20
		135	0	/	17.73	/	18.20
		135	69	/	18.79	/	19.20
		135	138	/	17.75	/	18.20
		270	0	/	17.78	/	18.20
DFT-s-OFDM 16QAM		1	1	/	17.54	/	18.20
DFT-s-OFDM 64QAM		1	1	/	16.44	/	16.70
DFT-s-OFDM 256QAM		1	1	/	14.22	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.69	/	17.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.97	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.72	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.96	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.92	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.79	/	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.80	/	19.20

NR n77 Receiver on/ hotspot on				Conducted Power(dBm)							
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz(3700~3980)						Tune up	
				Channel	Channel	Channel	Channel	Channel	Channel		
				650000	652400	654800	657200	659600	662000		
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00		
100MHz	DFT-s-OFDM Pi/2 BPSK	1	1	18.43	18.38	18.44	18.30	18.27	18.41	19.20	
		1	137	18.48	18.48	18.64	18.55	18.57	18.46	19.20	
		1	271	18.59	18.64	18.64	18.60	18.61	18.72	19.20	
		135	0	17.49	17.45	17.59	17.40	17.44	17.52	18.20	
		135	69	18.46	18.40	18.58	18.48	18.47	18.42	19.20	
		135	138	17.41	17.39	17.54	17.37	17.37	17.44	18.20	
			270	0	17.32	17.46	17.52	17.46	17.43	17.38	18.20
		DFT-s-OFDM QPSK	1	1	18.97	18.42	18.41	18.49	18.38	18.42	19.20
	1		137	18.88	18.65	18.56	18.61	18.54	18.65	19.20	
	1		271	18.85	18.57	18.61	18.73	18.67	18.65	19.20	
	135		0	17.88	17.40	17.52	17.67	17.55	17.63	18.20	
	135		69	18.82	18.51	18.48	18.49	18.60	18.56	19.20	
	135		138	17.70	17.57	17.51	17.57	17.50	17.46	18.20	
			270	0	17.82	17.38	17.50	17.35	17.35	17.49	18.20
	DFT-s-OFDM 16QAM	1	1	17.59	17.51	17.72	17.57	17.50	17.50	18.20	
	DFT-s-OFDM 64QAM	1	1	16.05	16.05	16.03	15.95	15.96	16.03	16.70	
	DFT-s-OFDM 256QAM	1	1	13.67	13.84	13.89	13.76	13.83	13.79	14.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000		
				16.05	16.12	16.21	16.08	16.04	16.05	17.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332		
				18.88	18.60	18.41	18.40	18.47	18.50	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666		
				18.79	18.42	18.51	18.53	18.61	18.48	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332		
				18.95	18.43	18.49	18.48	18.59	18.45	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666		
				18.81	18.51	18.48	18.48	18.48	18.55	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000		
				18.82	18.51	18.43	18.44	18.53	18.55	19.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666		
				18.85	18.50	18.52	18.43	18.53	18.51	19.20	

NR n78 Power Class 2 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM Pi/2 BPSK	1	1	/	17.36	/	18.00
		1	137	/	17.48	/	18.00
		1	271	/	17.45	/	18.00
		135	0	/	16.48	/	17.00
		135	69	/	17.36	/	18.00
		135	138	/	16.43	/	17.00
	DFT-s-OFDM QPSK	270	0	/	16.48	/	17.00
		1	1	/	17.67	/	18.00
		1	137	/	17.50	/	18.00
		1	271	/	17.45	/	18.00
		135	0	/	16.48	/	17.00
		135	69	/	17.64	/	18.00
	DFT-s-OFDM 16QAM	135	138	/	16.48	/	17.00
		270	0	/	16.45	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	16.70	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	15.01	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.73	/	13.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	633334	/	15.50
					14.65		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.51		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.71		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.54		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.58		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.77		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					27.53		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.00
					17.51		

NR n78 Power Class 2 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.05	/	18.00
		1	137	/	17.20	/	18.00
		1	271	/	17.15	/	18.00
		135	0	/	16.16	/	17.00
		135	69	/	17.09	/	18.00
		135	138	/	16.15	/	17.00
	DFT-s-OFDM QPSK	270	0	/	16.14	/	17.00
		1	1	/	17.23	/	18.00
		1	137	/	17.22	/	18.00
		1	271	/	17.12	/	18.00
		135	0	/	16.19	/	17.00
		135	69	/	17.07	/	18.00
	DFT-s-OFDM 16QAM	135	138	/	16.17	/	17.00
		270	0	/	16.15	/	17.00
		1	1	/	16.32	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	14.71	/	15.50
		1	1	/	12.42	/	13.50
		1	1	/	12.42	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	14.38	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	17.19	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	17.39	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.28	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	17.40	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	17.31	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	17.52	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	18.00
20MHz	DFT-s-OFDM QPSK	1	1	/	17.17	/	18.00

NR n78 Power Class 3 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.88	/	15.20
		1	137	/	14.07	/	15.20
		1	271	/	14.02	/	15.20
		135	0	/	13.03	/	14.20
		135	69	/	13.89	/	15.20
		135	138	/	13.00	/	14.20
	DFT-s-OFDM QPSK	270	0	/	13.08	/	14.20
		1	1	/	14.25	/	15.20
		1	137	/	14.02	/	15.20
		1	271	/	13.99	/	15.20
		135	0	/	13.07	/	14.20
		135	69	/	14.01	/	15.20
	DFT-s-OFDM 16QAM	135	138	/	13.07	/	14.20
		270	0	/	13.00	/	14.20
		1	1	/	13.29	/	14.20
	DFT-s-OFDM 64QAM	1	1	/	11.55	/	12.70
		1	1	/	9.36	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	9.36	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	12.70
90MHz	DFT-s-OFDM QPSK	1	1	/	11.23	/	15.20
80MHz	DFT-s-OFDM QPSK	1	1	/	14.05	/	15.20
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
50MHz	DFT-s-OFDM QPSK	1	1	/	14.32	/	15.20
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
30MHz	DFT-s-OFDM QPSK	1	1	/	14.12	/	15.20
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
10MHz	DFT-s-OFDM QPSK	1	1	/	14.13	/	15.20
5MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
3MHz	DFT-s-OFDM QPSK	1	1	/	14.13	/	15.20
2MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
1MHz	DFT-s-OFDM QPSK	1	1	/	14.30	/	15.20
500kHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
300kHz	DFT-s-OFDM QPSK	1	1	/	14.25	/	15.20
200kHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
100kHz	DFT-s-OFDM QPSK	1	1	/	14.05	/	15.20

NR n78 Power Class 3 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.94	/	15.20
		1	137	/	14.09	/	15.20
		1	271	/	14.04	/	15.20
		135	0	/	13.09	/	14.20
		135	69	/	13.94	/	15.20
		135	138	/	13.00	/	14.20
	DFT-s-OFDM QPSK	270	0	/	13.04	/	14.20
		1	1	/	14.27	/	15.20
		1	137	/	14.05	/	15.20
		1	271	/	14.03	/	15.20
		135	0	/	13.07	/	14.20
		135	69	/	13.97	/	15.20
	DFT-s-OFDM 16QAM	135	138	/	13.04	/	14.20
		270	0	/	13.04	/	14.20
		1	1	/	13.28	/	14.20
	DFT-s-OFDM 64QAM	1	1	/	11.57	/	12.70
		1	1	/	9.30	/	10.70
	DFT-s-OFDM 256QAM	1	1	/	9.30	/	10.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	12.70
90MHz	DFT-s-OFDM QPSK	1	1	/	11.28	/	15.20
90MHz	DFT-s-OFDM QPSK	1	1	/	14.02	/	15.20
80MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	15.20
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
60MHz	DFT-s-OFDM QPSK	1	1	/	14.13	/	15.20
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
50MHz	DFT-s-OFDM QPSK	1	1	/	14.13	/	15.20
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
40MHz	DFT-s-OFDM QPSK	1	1	/	14.37	/	15.20
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
30MHz	DFT-s-OFDM QPSK	1	1	/	14.24	/	15.20
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	15.20
20MHz	DFT-s-OFDM QPSK	1	1	/	14.11	/	15.20

NR n77 Sensor on / hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.14	/	18.70
		1	137	/	18.24	/	18.70
		1	271	/	18.16	/	18.70
		135	0	/	17.13	/	17.70
		135	69	/	18.08	/	18.70
		135	138	/	17.31	/	17.70
		270	0	/	17.23	/	17.70
	DFT-s-OFDM QPSK	1	1	/	18.54	/	18.70
		1	137	/	18.29	/	18.70
		1	271	/	18.48	/	18.70
		135	0	/	17.12	/	17.70
		135	69	/	18.18	/	18.70
		135	138	/	17.14	/	17.70
		270	0	/	17.16	/	17.70
DFT-s-OFDM 16QAM		1	1	/	16.91	/	17.70
DFT-s-OFDM 64QAM		1	1	/	15.77	/	16.20
DFT-s-OFDM 256QAM		1	1	/	13.60	/	14.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.13	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	18.39	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	18.20	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	18.44	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	18.31	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	18.17	/	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	18.17	/	18.70

NR n77 Sensor on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz(3700~3980)						Tune up
				Channel	Channel	Channel	Channel	Channel	Channel	
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	DFT-s-OFDM Pi/2 BPSK	1	1	17.78	17.82	17.89	17.79	17.81	17.82	18.70
		1	137	17.97	17.94	18.04	17.89	17.94	18.02	18.70
		1	271	18.11	18.07	18.17	18.08	18.09	18.04	18.70
		135	0	16.90	16.89	16.95	16.89	16.92	16.91	17.70
		135	69	17.90	17.97	17.96	17.99	17.88	17.87	18.70
		135	138	16.83	16.86	16.96	16.82	16.86	16.89	17.70
	DFT-s-OFDM QPSK	270	0	16.89	16.85	16.91	16.79	16.80	16.88	17.70
		1	1	18.41	17.85	17.89	17.95	17.88	17.92	18.70
		1	137	18.41	18.06	18.01	17.97	18.06	18.05	18.70
		1	271	18.34	18.06	18.09	18.14	18.18	18.07	18.70
		135	0	17.30	16.86	16.94	17.01	16.88	17.04	17.70
		135	69	18.28	17.88	17.97	17.95	18.03	18.00	18.70
	DFT-s-OFDM 16QAM	135	138	17.20	16.97	16.98	16.99	16.97	16.89	17.70
		270	0	17.22	16.88	16.91	16.91	16.87	16.95	17.70
		1	1	16.99	16.98	17.12	17.06	17.01	16.99	17.70
		1	1	15.40	15.46	15.54	15.43	15.44	15.48	16.20
DFT-s-OFDM 256QAM	1	1	13.19	13.21	13.23	13.24	13.21	13.22	14.20	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	652400	654800	657200	659600	662000	
				15.54	15.55	15.69	15.57	15.54	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	652200	654734	657268	659800	662332	
				18.33	17.99	17.90	17.90	17.97	18.03	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	652000	654668	657334	660000	662666	
				18.30	17.94	17.89	17.95	17.96	17.95	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	651600	654534	657468	660400	663332	
				18.33	17.97	17.94	17.99	17.94	17.97	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	651400	654468	657534	660600	663666	
				18.32	18.02	17.93	17.87	17.93	17.99	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	651200	654400	657600	660800	664000	
				18.29	18.00	17.89	17.96	18.01	17.94	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650800	654268	657734	661200	664666	
				18.37	17.98	17.92	17.93	17.95	17.96	18.70

NR n78 Power Class 2 Sensor on/ hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.58	/	17.50
		1	137	/	16.71	/	17.50
		1	271	/	16.63	/	17.50
		135	0	/	15.72	/	16.50
		135	69	/	16.60	/	17.50
		135	138	/	15.62	/	16.50
	DFT-s-OFDM QPSK	270	0	/	15.65	/	16.50
		1	1	/	16.75	/	17.50
		1	137	/	16.68	/	17.50
		1	271	/	16.59	/	17.50
		135	0	/	15.68	/	16.50
		135	69	/	16.61	/	17.50
	DFT-s-OFDM 16QAM	135	138	/	15.71	/	16.50
		270	0	/	15.71	/	16.50
		1	1	/	15.89	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	14.19	/	15.00
		1	1	/	11.93	/	13.00
		1	1	/	11.93	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	13.93	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.91	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	16.78	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	16.89	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	16.99	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	16.67	/	17.50

NR n78 Power Class 2 Sensor on / hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.44	/	17.50
		1	137	/	16.65	/	17.50
		1	271	/	16.53	/	17.50
		135	0	/	15.61	/	16.50
		135	69	/	16.50	/	17.50
		135	138	/	15.49	/	16.50
	DFT-s-OFDM QPSK	270	0	/	15.56	/	16.50
		1	1	/	16.65	/	17.50
		1	137	/	16.56	/	17.50
		1	271	/	16.53	/	17.50
		135	0	/	15.61	/	16.50
		135	69	/	16.51	/	17.50
	DFT-s-OFDM 16QAM	135	138	/	15.55	/	16.50
	DFT-s-OFDM 16QAM	270	0	/	15.55	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.79	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	14.10	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	11.84	/	13.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	650000	/	15.00
90MHz	DFT-s-OFDM QPSK	1	1	/	13.81	/	17.50
90MHz	DFT-s-OFDM QPSK	1	1	/	16.63	/	17.50
80MHz	DFT-s-OFDM QPSK	1	1	/	16.82	/	17.50
80MHz	DFT-s-OFDM QPSK	1	1	/	16.82	/	17.50
60MHz	DFT-s-OFDM QPSK	1	1	/	16.65	/	17.50
60MHz	DFT-s-OFDM QPSK	1	1	/	16.65	/	17.50
50MHz	DFT-s-OFDM QPSK	1	1	/	16.80	/	17.50
50MHz	DFT-s-OFDM QPSK	1	1	/	16.80	/	17.50
40MHz	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.50
40MHz	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.50
30MHz	DFT-s-OFDM QPSK	1	1	/	16.90	/	17.50
30MHz	DFT-s-OFDM QPSK	1	1	/	16.90	/	17.50
20MHz	DFT-s-OFDM QPSK	1	1	/	16.59	/	17.50

NR n78 Power Class 3 Sensor on/hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450-3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.41	/	14.70
		1	137	/	13.53	/	14.70
		1	271	/	13.52	/	14.70
		135	0	/	12.56	/	13.70
		135	69	/	13.51	/	14.70
		135	138	/	12.44	/	13.70
	DFT-s-OFDM QPSK	270	0	/	12.58	/	13.70
		1	1	/	13.62	/	14.70
		1	137	/	13.56	/	14.70
		1	271	/	13.48	/	14.70
		135	0	/	12.53	/	13.70
		135	69	/	13.47	/	14.70
	DFT-s-OFDM 16QAM	135	138	/	12.56	/	13.70
		270	0	/	12.60	/	13.70
		1	1	/	12.72	/	13.70
	DFT-s-OFDM 64QAM	1	1	/	11.07	/	12.20
		1	1	/	8.79	/	10.20
		1	1	/	8.79	/	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	12.20
100MHz	CP-OFDM QPSK	1	1	/	10.81	/	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
90MHz	DFT-s-OFDM QPSK	1	1	/	13.57	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
80MHz	DFT-s-OFDM QPSK	1	1	/	13.78	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
60MHz	DFT-s-OFDM QPSK	1	1	/	13.66	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
50MHz	DFT-s-OFDM QPSK	1	1	/	13.73	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
40MHz	DFT-s-OFDM QPSK	1	1	/	13.73	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
30MHz	DFT-s-OFDM QPSK	1	1	/	13.86	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
20MHz	DFT-s-OFDM QPSK	1	1	/	13.57	/	14.70

NR n78 Power Class 3 Sensor on/ hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	13.40	/	14.70
		1	137	/	13.58	/	14.70
		1	271	/	13.53	/	14.70
		135	0	/	12.57	/	13.70
		135	69	/	13.45	/	14.70
		135	138	/	12.47	/	13.70
	DFT-s-OFDM QPSK	270	0	/	12.50	/	13.70
		1	1	/	13.65	/	14.70
		1	137	/	13.54	/	14.70
		1	271	/	13.45	/	14.70
		135	0	/	12.55	/	13.70
		135	69	/	13.44	/	14.70
	DFT-s-OFDM 16QAM	135	138	/	12.54	/	13.70
		270	0	/	12.60	/	13.70
		1	1	/	12.69	/	13.70
	DFT-s-OFDM 64QAM	1	1	/	11.06	/	12.20
		1	1	/	8.81	/	10.20
	DFT-s-OFDM 256QAM	1	1	/	8.81	/	10.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	12.20
				/	10.76	/	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	13.61	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.81	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.64	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.83	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.79	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.88	/	14.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	650000	/	14.70
				/	13.53	/	14.70

10. Conducted Power of NSA\_NR

10.1 Conducted Power of NR Antenna (Ant3)

Ant3 NR N7 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up
				Channel 504000	Channel 507000	Channel 510000	
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	2520	2535	2550	23.50
		1	108	22.45	22.60	22.56	23.50
		1	214	22.50	22.54	22.60	23.50
		108	0	22.52	22.60	22.51	23.50
		108	54	21.86	21.90	21.81	22.50
		108	108	22.35	22.49	22.33	23.50
		108	108	21.97	21.93	21.97	22.50
		216	0	21.67	21.72	21.62	22.50
		216	0	22.51	22.61	22.62	23.50
	DFT-s-OFDM QPSK	1	1	22.37	22.54	22.52	23.50
		1	108	22.37	22.54	22.52	23.50
		1	214	22.57	22.36	21.59	23.50
		108	0	20.86	20.90	20.84	22.50
		108	54	22.34	22.42	22.56	23.50
		108	108	21.24	21.02	20.70	22.50
		108	108	21.04	20.83	20.91	22.50
		216	0	21.04	20.83	20.91	22.50
		216	0	21.49	21.37	21.25	22.50
DFT-s-OFDM 16QAM	1	1	19.89	19.90	19.93	21.00	
DFT-s-OFDM 64QAM	1	1	17.81	17.71	17.86	19.00	
DFT-s-OFDM 256QAM	1	1	17.81	17.71	17.86	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.38	22.00	22.45	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.19	22.32	22.27	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.43	22.18	22.34	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.34	22.40	22.28	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.34	22.34	22.45	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.18	22.45	22.34	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.19	22.30	22.25	23.50

Ant 3 NR N7 Sensor on/hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	2520	2535	2550	
	DFT-s-OFDM QPSK	1	108	15.36	15.54	15.46	16.50
	DFT-s-OFDM QPSK	1	214	15.42	15.47	15.55	16.50
	DFT-s-OFDM QPSK	1	214	15.44	15.54	15.43	16.50
	DFT-s-OFDM QPSK	108	0	14.78	14.82	14.76	15.50
	DFT-s-OFDM QPSK	108	54	15.30	15.40	15.23	16.50
	DFT-s-OFDM QPSK	108	108	14.92	14.86	14.89	15.50
	DFT-s-OFDM QPSK	216	0	14.61	14.63	14.54	15.50
	DFT-s-OFDM QPSK	1	1	15.43	15.53	15.54	16.50
	DFT-s-OFDM QPSK	1	108	15.28	15.45	15.42	16.50
	DFT-s-OFDM QPSK	1	214	15.50	15.27	15.28	16.50
	DFT-s-OFDM QPSK	108	0	13.79	13.81	13.76	15.50
	DFT-s-OFDM QPSK	108	54	14.71	14.78	14.94	16.50
	DFT-s-OFDM QPSK	108	108	14.17	13.93	13.65	15.50
	DFT-s-OFDM QPSK	216	0	13.96	13.74	13.82	15.50
	DFT-s-OFDM 16QAM	1	1	14.43	14.28	14.20	15.50
DFT-s-OFDM 64QAM	1	1	12.83	12.83	12.87	14.00	
DFT-s-OFDM 256QAM	1	1	10.71	10.61	10.77	12.00	
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	CP-OFDM QPSK	1	1	15.50	15.32	15.39	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.22	15.10	15.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	15.09	15.44	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.21	15.19	15.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.25	15.43	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.23	15.19	15.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	15.34	15.47	15.11	16.50

10. Conducted Power of ENDC\_NR

10.2 Conducted Power of NR Antenna (Ant4)

Ant 4 NR N7 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up	
				Channel 504000	Channel 507000	Channel 510000		
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	25.20	25.35	25.50	25.70	
		1	108	24.67	24.72	24.71	25.70	
		1	214	24.40	24.62	24.64	25.70	
		108	0	24.38	24.58	24.64	25.70	
		108	54	23.37	23.45	23.55	24.70	
		108	108	24.38	24.62	24.62	25.70	
		108	108	24.12	24.20	24.27	24.70	
	DFT-s-OFDM QPSK	216	0	23.98	24.02	24.01	24.70	
		1	1	24.72	24.76	24.76	25.70	
		1	108	24.43	24.63	24.65	25.70	
		1	214	24.39	24.59	24.66	25.70	
		108	0	23.41	23.45	23.56	24.70	
		108	54	24.42	24.67	24.64	25.70	
		108	108	24.17	24.23	24.27	24.70	
	DFT-s-OFDM 16QAM	216	0	24.01	24.04	24.04	24.70	
		1	1	23.27	23.16	23.52	24.70	
		DFT-s-OFDM 64QAM	1	1	21.65	21.69	21.95	23.20
		DFT-s-OFDM 256QAM	1	1	19.81	19.92	19.86	21.20
	Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
	40MHz	CP-OFDM QPSK	1	1	24.28	24.26	24.38	25.70
	Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.43	24.41	24.19	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	24.23	24.36	24.43	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	24.19	24.23	24.29	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	24.19	24.40	24.37	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	24.26	24.18	24.22	25.70	
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	24.43	24.43	24.38	25.70	

Ant 4 NR N7 Receiver on/hotspot on				Conducted Power(dBm)				
SCS 15kHz				Channel	Channel	Channel	Tune up	
Bandwidth	Modulation	RB size	RB offset	504000	507000	510000		
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	2520	2535	2550	16.70	
		1	108	15.62	15.62	15.66	16.70	
		1	214	15.33	15.52	15.56	16.70	
		108	0	15.28	15.53	15.58	16.70	
		108	54	14.30	14.38	14.46	15.70	
		108	108	15.31	15.56	15.54	16.70	
	DFT-s-OFDM QPSK	108	108	15.05	15.12	15.19	15.70	
		216	0	14.93	14.96	14.92	15.70	
		1	1	15.63	15.71	15.69	16.70	
		1	108	15.38	15.56	15.60	16.70	
		1	214	15.30	15.50	15.60	16.70	
		108	0	14.34	14.37	14.51	15.70	
	DFT-s-OFDM 16QAM	108	54	15.34	15.59	15.57	16.70	
		108	108	15.08	15.14	15.19	15.70	
		216	0	14.96	14.97	14.96	15.70	
		DFT-s-OFDM 64QAM	1	1	14.21	14.07	14.44	15.70
		DFT-s-OFDM 256QAM	1	1	12.57	12.62	12.85	14.20
		DFT-s-OFDM 256QAM	1	1	10.75	10.86	10.77	12.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	16.70	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	16.70	

Ant 4 NR N7 sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up	
				Channel 504000	Channel 507000	Channel 510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550	18.20	
		1	108	17.08	17.15	17.13	18.20	
		1	214	16.80	17.04	17.04	18.20	
		108	0	16.82	17.03	17.05	18.20	
		108	54	15.81	15.85	15.95	17.20	
		108	54	16.79	17.06	17.02	18.20	
		108	108	16.53	16.64	16.69	17.20	
		216	0	16.42	16.46	16.44	17.20	
		1	1	17.13	17.19	17.18	18.20	
	DFT-s-OFDM QPSK	1	108	16.86	17.03	17.08	18.20	
		1	214	16.82	17.04	17.08	18.20	
		108	0	15.81	15.90	16.00	17.20	
		108	54	16.86	17.12	17.08	18.20	
		108	108	16.58	16.66	16.67	17.20	
		216	0	16.42	16.47	16.45	17.20	
		DFT-s-OFDM 16QAM	1	1	15.68	15.61	15.96	17.20
		DFT-s-OFDM 64QAM	1	1	14.05	14.14	14.35	15.70
		DFT-s-OFDM 256QAM	1	1	12.24	12.33	12.31	13.70
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up	
40MHz	CP-OFDM QPSK	1	1	17.05	17.12	17.09	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	17.11	17.08	17.01	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	17.05	17.12	17.05	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	16.98	16.95	19.85	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	19.05	18.98	19.01	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	19.12	19.08	19.17	18.20	
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	19.05	19.05	19.08	18.20	

10. Conducted Power of ENDC\_NR

10.3 Conducted Power of NR Antenna (Ant5)

Ant 5 NR N7 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up	
				Channel 504000	Channel 507000	Channel 510000		
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	2520	2535	2550	23.50	
		1	108	22.61	22.64	22.55	23.50	
		1	214	22.58	22.66	22.56	23.50	
		108	0	22.58	22.64	22.55	23.50	
		108	54	21.45	21.52	21.45	22.50	
		108	108	22.46	22.58	22.55	23.50	
		108	108	21.54	21.59	21.49	22.50	
		216	0	21.66	21.69	21.54	22.50	
		1	1	22.47	22.67	22.26	23.50	
	DFT-s-OFDM QPSK	1	108	22.41	22.61	22.62	23.50	
		1	214	22.57	22.24	22.21	23.50	
		108	0	20.67	21.52	21.88	22.50	
		108	54	21.64	21.92	21.77	23.50	
		108	108	20.88	21.45	20.56	22.50	
		108	108	20.78	21.44	20.81	22.50	
		216	0	20.78	21.44	20.81	22.50	
		DFT-s-OFDM 16QAM	1	1	20.82	20.86	20.87	22.50
		DFT-s-OFDM 64QAM	1	1	19.55	19.57	19.55	21.00
DFT-s-OFDM 256QAM	1	1	17.55	17.50	17.51	19.00		
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up	
40MHz	CP-OFDM QPSK	1	1	22.35	22.61	22.48	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	22.48	22.51	22.38	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	22.31	22.48	22.42	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	22.41	22.38	22.19	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	22.65	22.42	22.19	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	22.38	22.44	22.38	23.50	
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	22.48	22.35	22.61	23.50	

Art 5 NR N7 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM Pi/2 BPSK	1	1	2520	2535	2550	18.50
		1	108	17.54	17.57	17.50	18.50
		1	214	17.48	17.56	17.47	18.50
		108	0	17.51	17.58	17.49	18.50
		108	54	16.38	16.45	16.40	17.50
		108	108	17.39	17.50	17.50	18.50
	108	108	16.44	16.51	16.43	17.50	
	216	0	16.59	16.62	16.44	17.50	
	1	1	17.39	17.62	17.20	18.50	
	1	108	17.34	17.51	17.54	18.50	
	1	214	17.48	17.16	17.15	18.50	
	108	0	15.58	16.45	15.82	17.50	
	108	54	16.95	16.82	16.71	18.50	
	108	108	15.80	16.39	16.49	17.50	
	216	0	15.72	16.34	15.73	17.50	
	DFT-s-OFDM 16QAM	1	1	15.76	15.79	15.79	17.50
	DFT-s-OFDM 64QAM	1	1	14.45	14.52	14.49	16.00
	DFT-s-OFDM 256QAM	1	1	12.48	12.45	12.42	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	18.50

Ant 5 NR N7 sensor on/ hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	SCS 15kHz			Tune up
				Channel 504000	Channel 507000	Channel 510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550	18.00
		1	108	17.01	17.09	16.97	18.00
		1	214	16.99	17.11	16.96	18.00
		108	0	17.02	17.09	17.00	18.00
		108	54	15.89	15.95	15.87	17.00
		108	108	16.86	17.03	16.96	18.00
		108	108	15.96	16.03	15.92	17.00
	DFT-s-OFDM QPSK	216	0	16.08	16.12	15.95	17.00
		1	1	16.88	17.11	16.70	18.00
		1	108	16.85	17.02	17.02	18.00
		1	214	17.00	16.69	16.65	18.00
		108	0	15.11	15.94	15.32	17.00
		108	54	16.07	16.36	16.21	18.00
		108	108	15.28	15.89	15.99	17.00
	DFT-s-OFDM 16QAM	216	0	15.22	15.84	15.21	17.00
	DFT-s-OFDM 64QAM	1	1	15.26	15.26	15.29	17.00
	DFT-s-OFDM 256QAM	1	1	13.97	14.01	13.95	15.50
	DFT-s-OFDM 256QAM	1	1	11.97	11.92	11.91	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	CP-OFDM QPSK	1	1	17.05	17.09	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.95	19.99	16.85	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.98	16.88	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.82	16.94	16.94	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.85	16.83	16.85	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.05	17.01	16.98	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.98	17.08	17.08	18.00

# 10. Conducted Power of ENDC\_NR

## 10.4 Conducted Power of NR Antenna (Ant6)

Ant 6 NR N7 Full Power				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550		
		1	108	24.04	23.76	23.71	25.00	
		1	214	23.84	23.96	23.95	25.00	
		108	0	24	24.27	24	25.00	
		108	54	22.8	22.91	22.78	24.00	
		108	108	24	23.81	23.83	25.00	
	DFT-s-OFDM QPSK	108	108	23.21	23.3	23.27	24.00	
		216	0	23.09	23.12	23.08	24.00	
		1	1	23.75	24.13	23.81	25.00	
		1	108	23.89	24.01	23.90	25.00	
		1	214	24.04	24.11	24.13	25.00	
		108	0	22.79	22.87	22.82	24.00	
	DFT-s-OFDM 16QAM	108	54	23.94	23.99	23.87	25.00	
		108	108	23.23	23.30	23.33	24.00	
		216	0	23.02	23.11	23.13	24.00	
		DFT-s-OFDM 16QAM	1	1	23.17	23.09	23.05	24.00
		DFT-s-OFDM 64QAM	1	1	21.86	21.80	21.76	22.50
		DFT-s-OFDM 256QAM	1	1	19.67	19.55	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000		
40MHz	CP-OFDM QPSK	1	1	24.05	24.09	24.11	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	23.98	23.95	23.88	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	24.08	24.10	23.98	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000		
20MHz	DFT-s-OFDM QPSK	1	1	23.91	23.98	23.99	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500		
15MHz	DFT-s-OFDM QPSK	1	1	23.85	23.91	24.05	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000		
10MHz	DFT-s-OFDM QPSK	1	1	24.01	24.05	24.09	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500		
5MHz	DFT-s-OFDM QPSK	1	1	23.95	23.88	24.01	25.00	

Ant 6 NR N7 Receiver on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	2520	2535	2550		
		1	108	19.94	19.68	19.62	21.00	
		1	214	19.74	19.88	19.87	21.00	
		108	0	19.92	20.18	19.95	21.00	
		108	54	18.75	18.84	18.68	20.00	
		108	108	19.92	19.72	19.73	21.00	
	DFT-s-OFDM QPSK	108	108	19.14	19.24	19.2	20.00	
		216	0	19	19.04	19.02	20.00	
		1	1	19.69	20.08	19.71	21.00	
		1	108	19.79	19.96	19.85	21.00	
		1	214	19.96	20.05	20.04	21.00	
		108	0	18.73	18.79	18.72	20.00	
	DFT-s-OFDM 16QAM	108	54	19.85	19.93	19.78	21.00	
		108	108	19.17	19.25	19.28	20.00	
		216	0	18.95	19.03	19.07	20.00	
		DFT-s-OFDM 16QAM	1	1	19.10	19.01	18.96	20.00
		DFT-s-OFDM 64QAM	1	1	17.80	17.71	17.71	18.50
	DFT-s-OFDM 256QAM	1	1	15.58	15.47	15.34	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>40MHz</b>	CP-OFDM QPSK	1	1	504000	507000	510000		
				19.88	19.78	19.82	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	503000	507000	511000		
				19.95	19.99	19.85	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	502500	507000	511500		
				19.89	19.89	19.68	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	502000	507000	512000		
				19.89	19.92	19.85	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	501500	507000	512500		
				19.97	19.85	19.89	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	501000	507000	513000		
				19.77	19.68	19.78	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	500500	507000	513500		
				19.89	19.78	19.98	21.00	

Ant 6 NR N7 sensor on/ hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.95	16.7	16.65	18.00
		1	108	16.74	16.87	16.85	18.00
		1	214	16.94	17.21	16.92	18.00
		108	0	15.71	15.81	15.73	17.00
		108	54	16.9	16.71	16.74	18.00
		108	108	16.11	16.23	16.2	17.00
	216	0	16.02	16.02	16.03	17.00	
	DFT-s-OFDM QPSK	1	1	16.69	17.10	16.72	18.00
		1	108	16.79	16.92	16.84	18.00
		1	214	16.95	17.05	17.03	18.00
		108	0	15.73	15.79	15.72	17.00
		108	54	16.85	16.94	16.78	18.00
		108	108	16.14	16.21	16.23	17.00
	216	0	15.96	16.04	16.08	17.00	
	DFT-s-OFDM 16QAM	1	1	16.07	15.99	15.95	17.00
DFT-s-OFDM 64QAM	1	1	14.81	14.75	14.66	15.50	
DFT-s-OFDM 256QAM	1	1	12.57	12.47	12.35	13.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.99	16.85	16.91	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	16.89	16.88	16.86	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
<b>25MHz</b>	DFT-s-OFDM QPSK	1	1	16.91	17.05	16.88	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.91	16.89	16.91	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.05	17.01	17.05	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.98	16.94	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.95	16.88	17.01	18.00

# 11 Conducted Power of WiFi and BT

## 11.1 Conducted Power of WiFi 2.4G

WIFI 2.4G ANT16+ANT18 Receiver off					
Mode 2.4G	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.18	23.50
	6	2437		22.13	23.50
	11	2462		22.11	23.50
802.11g	1	2412	6	22.22	23.50
	6	2437		22.22	23.50
	11	2462		22.24	23.50
802.11n HT20	1	2412	6.5	21.62	23.00
	6	2437		21.69	23.00
	11	2462		21.72	23.00
802.11n HT40	1	2412	13.5	18.78	20.50
	6	2437		18.66	20.50
	11	2462		18.75	20.50
802.11ax HT20	1	2412	MCS0	21.15	22.50
	6	2437		21.07	22.50
	11	2462		21.14	22.50
802.11ax HT40	1	2412	MCS0	19.68	21.50
	6	2437		19.63	21.50
	11	2462		19.72	21.50

WIFI 2.4G ANT16+ANT18 Receiver on					
Mode 2.4G	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.09	19.50
	6	2437		18.07	19.50
	11	2462		18.04	19.50
802.11g	1	2412	6	18.13	19.50
	6	2437		18.15	19.50
	11	2462		18.15	19.50
802.11n HT20	1	2412	6.5	18.04	19.50
	6	2437		18.13	19.50
	11	2462		18.13	19.50
802.11n HT40	1	2412	13.5	17.73	19.50
	6	2437		17.60	19.50
	11	2462		17.69	19.50
802.11ax HT20	1	2412	MCS0	18.09	19.50
	6	2437		18.02	19.50
	11	2462		18.07	19.50
802.11ax HT40	1	2412	MCS0	17.65	19.50
	6	2437		17.57	19.50
	11	2462		17.65	19.50

WIFI 2.4G ANT16+ ANT17 Receiver off					
Mode 2.4G	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	21.21	22.50
	6	2437		21.10	22.50
	11	2462		21.00	22.50
802.11g	1	2412	6	21.27	22.50
	6	2437		21.21	22.50
	11	2462		21.07	22.50
802.11n HT20	1	2412	6.5	20.61	22.00
	6	2437		20.66	22.00
	11	2462		20.54	22.00
802.11n HT40	1	2412	13.5	17.76	19.50
	6	2437		17.69	19.50
	11	2462		17.66	19.50
802.11ax HT20	1	2412	MCS0	20.18	21.50
	6	2437		20.05	21.50
	11	2462		19.81	21.50
802.11ax HT40	1	2412	MCS0	18.64	20.50
	6	2437		18.74	20.50
	11	2462		18.55	20.50

WIFI 2.4G ANT16+ ANT17 Receiver on					
Mode 2.4G	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.11	18.50
	6	2437		17.02	18.50
	11	2462		16.90	18.50
802.11g	1	2412	6	17.18	18.50
	6	2437		17.14	18.50
	11	2462		17.02	18.50
802.11n HT20	1	2412	6.5	17.03	18.50
	6	2437		17.11	18.50
	11	2462		16.96	18.50
802.11n HT40	1	2412	13.5	16.69	18.50
	6	2437		16.64	18.50
	11	2462		16.62	18.50
802.11ax HT20	1	2412	MCS0	17.11	18.50
	6	2437		17.00	18.50
	11	2462		16.76	18.50
802.11ax HT40	1	2412	MCS0	16.57	18.50
	6	2437		16.67	18.50
	11	2462		16.53	18.50

WIFI 2.4G WIFI 2.4G ANT16+ANT18 Receiver on with WWAN					
Mode 2.4G	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.90	15.00
	6	2437		13.26	15.00
	11	2462		13.41	15.00
802.11g	1	2412	6	13.69	15.00
	6	2437		13.70	15.00
	11	2462		13.60	15.00
802.11n HT20	1	2412	6.5	13.52	15.00
	6	2437		13.92	15.00
	11	2462		13.43	15.00
802.11n HT40	1	2412	13.5	13.18	15.00
	6	2437		13.14	15.00
	11	2462		13.38	15.00
802.11ax HT20	1	2412	MCS0	13.29	15.00
	6	2437		13.68	15.00
	11	2462		13.87	15.00
802.11ax HT40	1	2412	MCS0	13.40	15.00
	6	2437		13.32	15.00
	11	2462		13.25	15.00

## 11.2 Conducted Power of WiFi 5G

ANT16+ANT19 Receiver off							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11a	U-NII-1	36	5180	6	19.76	20.50	
		40	5200		19.64	20.50	
		44	5220		19.68	20.50	
		48	5240		19.74	20.50	
	U-NII-2A	52	5260		19.75	20.50	
		56	5280		19.67	20.50	
		60	5300		19.64	20.50	
		64	5320		19.68	20.50	
		U-NII-2C	100		5500	20.29	21.50
			104		5520	20.23	21.50
	108		5540		20.04	21.50	
	112		5560		20.15	21.50	
	116		5580		20.21	21.50	
	120		5600		20.05	21.50	
	124		5620		20.15	21.50	
	128		5640		20.22	21.50	
	132		5660		20.04	21.50	
	136		5680		20.15	21.50	
	U-NII-3	140	5700		20.23	21.50	
		144	5720		20.04	21.50	
149		5745	21.48	22.50			
153		5765	21.58	22.50			
157		5785	21.66	22.50			
161		5805	21.55	22.50			
		165	5825	21.59	22.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT20	U-NII-1	36	5180	MCS0	19.67	20.50	
		40	5200		19.55	20.50	
		44	5220		19.60	20.50	
		48	5240		19.66	20.50	
	U-NII-2A	52	5260		19.59	20.50	
		56	5280		19.60	20.50	
		60	5300		19.57	20.50	
		64	5320		19.58	20.50	
		U-NII-2C	100		5500	20.06	21.50
			104		5520	20.15	21.50
	108		5540		19.97	21.50	
	112		5560		20.08	21.50	
	116		5580		20.14	21.50	
	120		5600		19.97	21.50	
	124		5620		20.09	21.50	
	128		5640		20.13	21.50	
	132		5660		19.97	21.50	
	136		5680		20.08	21.50	
	U-NII-3	140	5700		20.16	21.50	
		144	5720		19.95	21.50	
149		5745	21.39	22.50			
153		5765	21.51	22.50			
157		5785	21.49	22.50			
161		5805	21.47	22.50			
		165	5825	21.53	22.50		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	19.07	20.00
		46	5230		19.00	20.00
	U-NII-2A	54	5270		19.06	20.00
		62	5310		19.12	20.00
	U-NII-2C	102	5510		19.57	21.00
		110	5550		19.39	21.00
		118	5590		19.49	21.00
		126	5630		19.59	21.00
		134	5670		19.40	21.00
	U-NII-3	142	5710		19.52	21.00
		151	5755		20.92	22.00
		159	5795		20.96	22.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	19.67	20.50
		40	5200		19.55	20.50
		44	5220		19.60	20.50
		48	5240		19.66	20.50
	U-NII-2A	52	5260		19.56	20.50
		56	5280		19.59	20.50
		60	5300		19.56	20.50
		64	5320		19.60	20.50
	U-NII-2C	100	5500		20.05	21.50
		104	5520		20.16	21.50
		108	5540		19.98	21.50
		112	5560		20.07	21.50
		116	5580		20.14	21.50
		120	5600		19.98	21.50
		124	5620		20.07	21.50
		128	5640		20.14	21.50
		132	5660		19.98	21.50
		136	5680		20.07	21.50
	U-NII-3	140	5700		20.18	21.50
		144	5720		19.97	21.50
		149	5745		21.38	22.50
		153	5765		21.51	22.50
		157	5785		21.50	22.50
		161	5805		21.48	22.50
165	5825	21.51	22.50			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	19.09	20.00
		46	5230		19.01	20.00
	U-NII-2A	54	5270		19.04	20.00
		62	5310		19.09	20.00
	U-NII-2C	102	5510		19.53	21.00
		110	5550		19.37	21.00
		118	5590		19.51	21.00
		126	5630		19.58	21.00
		134	5670		19.39	21.00
	U-NII-3	142	5710		19.53	21.00
		151	5755		20.91	22.00
		159	5795		20.96	22.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	19.03	20.00		
	U-NII-2A	58	5290		19.10	20.00		
	U-NII-2C	106	5530		19.55	21.00		
		122	5610		19.39	21.00		
		138	5690		19.49	21.00		
	U-NII-3	155	5775		20.47	21.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 160M	U-NII-2A	50	5250	MCS0	18.11	19.00		
	U-NII-2C	114	5570		18.09	19.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax 20M	U-NII-1	36	5180	6	19.69	20.50		
		40	5200		19.56	20.50		
		44	5220		19.61	20.50		
		48	5240		19.64	20.50		
	U-NII-2A	52	5260		19.59	20.50		
		56	5280		19.60	20.50		
		60	5300		19.59	20.50		
		64	5320		19.58	20.50		
	U-NII-2C	100	5500		20.06	20.00		
		104	5520		20.16	20.00		
		108	5540		19.98	20.00		
		112	5560		20.08	20.00		
		116	5580		20.16	20.00		
		120	5600		19.98	20.00		
		124	5620		20.09	20.00		
		128	5640		20.14	20.00		
		132	5660		19.97	20.00		
		136	5680		20.08	20.00		
	U-NII-3	140	5700		20.18	20.00		
		144	5720		19.94	20.00		
		149	5745		21.40	22.50		
		153	5765		21.53	22.50		
		157	5785		21.48	22.50		
		161	5805		21.48	22.50		
	165	5825	21.52		22.50			
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax 40M	U-NII-1	38		5190	MCS0	19.09	20.00
			46		5230		19.01	20.00
U-NII-2A		54	5270	19.03	20.00			
		62	5310	19.10	20.00			
U-NII-2C		102	5510	19.56	21.00			
		110	5550	19.40	21.00			
		118	5590	19.49	21.00			
		126	5630	19.58	21.00			
		134	5670	19.38	21.00			
		142	5710	19.53	21.00			
U-NII-3		151	5755	20.93	22.00			
		159	5795	20.96	22.00			

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	19.05	20.00
	U-NII-2A	58	5290		19.10	20.00
	U-NII-2C	106	5530		19.55	20.50
		122	5610		19.38	20.50
		138	5690		19.50	20.50
	U-NII-3	155	5775		20.43	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	18.09	19.00
	U-NII-2C	114	5570		19.00	20.00

ANT16+ANT19 Receiver on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.21	17.00
		40	5200		16.06	17.00
		44	5220		16.09	17.00
		48	5240		16.16	17.00
	U-NII-2A	52	5260		16.19	17.00
		56	5280		16.11	17.00
		60	5300		16.08	17.00
		64	5320		16.12	17.00
	U-NII-2C	100	5500		16.35	17.50
		104	5520		16.16	17.50
		108	5540		15.95	17.50
		112	5560		16.07	17.50
		116	5580		16.13	17.50
		120	5600		15.98	17.50
		124	5620		16.07	17.50
		128	5640		16.16	17.50
		132	5660		15.98	17.50
		136	5680		16.08	17.50
	U-NII-3	140	5700		16.14	17.50
		144	5720		15.97	17.50
149		5745	16.89	18.00		
153		5765	17.00	18.00		
157		5785	17.09	18.00		
		161	5805	16.99	18.00	
		165	5825	17.02	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	16.10	17.00
		40	5200		15.98	17.00
		44	5220		16.02	17.00
		48	5240		16.08	17.00
	U-NII-2A	52	5260		16.01	17.00
		56	5280		16.02	17.00
		60	5300		15.98	17.00
		64	5320		16.00	17.00
	U-NII-2C	100	5500		16.00	17.50
		104	5520		16.07	17.50
		108	5540		15.90	17.50
		112	5560		16.00	17.50
		116	5580		16.05	17.50
		120	5600		15.91	17.50
		124	5620		16.02	17.50
		128	5640		16.05	17.50
		132	5660		15.91	17.50
		136	5680		16.01	17.50
	U-NII-3	140	5700		16.08	17.50
		144	5720		15.89	17.50
149		5745	16.82	18.00		
153		5765	16.94	18.00		
157		5785	16.92	18.00		
		161	5805	16.89	18.00	
		165	5825	16.93	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.00	16.50
		46	5230		14.93	16.50
	U-NII-2A	54	5270		14.99	16.50
		62	5310		15.05	16.50

		102	5510		14.97	17.00
		110	5550		14.81	17.00
		118	5590		14.92	17.00
		126	5630		15.02	17.00
		134	5670		14.82	17.00
		142	5710		14.95	17.00
	U-NII-3	151	5755		15.84	17.50
		159	5795		15.87	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	16.10	17.00
		40	5200		15.99	17.00
		44	5220		16.03	17.00
		48	5240		16.09	17.00
	U-NII-2A	52	5260		15.97	17.00
		56	5280		16.02	17.00
		60	5300		15.99	17.00
		64	5320		16.02	17.00
	U-NII-2C	100	5500		15.97	17.50
		104	5520		16.10	17.50
		108	5540		15.91	17.50
		112	5560		16.01	17.50
		116	5580		16.08	17.50
		120	5600		15.89	17.50
		124	5620		15.99	17.50
		128	5640		16.09	17.50
		132	5660		15.93	17.50
		136	5680		15.97	17.50
	U-NII-3	140	5700		16.09	17.50
		144	5720		15.90	17.50
149		5745	16.79	18.00		
153		5765	16.93	18.00		
157		5785	16.92	18.00		
161		5805	16.89	18.00		
		165	5825	16.93	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	15.00	16.50
		46	5230		14.94	16.50
	U-NII-2A	54	5270		14.95	16.50
		62	5310		15.01	16.50
	U-NII-2C	102	5510		14.95	17.00
		110	5550		14.80	17.00
		118	5590		14.93	17.00
		126	5630		15.01	17.00
		134	5670		14.80	17.00
		142	5710		14.97	17.00
	U-NII-3	151	5755		15.84	17.50
		159	5795		15.88	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	14.94	16.50
	U-NII-2A	58	5290		15.04	16.50
	U-NII-2C	106	5530		14.97	17.00
		122	5610		14.80	17.00
		138	5690		14.91	17.00
	U-NII-3	155	5775		15.40	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac 160M	U-NII-2A	50	5250	MCS0	14.03	16.50
	U-NII-2C	114	5570		13.52	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	6	16.12	17.00
		40	5200		16.00	17.00
		44	5220		16.05	17.00
		48	5240		16.04	17.00
	U-NII-2A	52	5260		16.02	17.00
		56	5280		16.03	17.00
		60	5300		16.00	17.00
		64	5320		15.99	17.00
	U-NII-2C	100	5500		15.99	17.50
		104	5520		16.07	17.50
		108	5540		15.91	17.50
		112	5560		15.99	17.50
		116	5580		16.09	17.50
		120	5600		15.93	17.50
		124	5620		15.99	17.50
		128	5640		16.07	17.50
		132	5660		15.89	17.50
		136	5680		15.99	17.50
	U-NII-3	140	5700		16.10	17.50
		144	5720		15.84	17.50
		149	5745		16.82	18.00
		153	5765		16.94	18.00
		157	5785		16.90	18.00
		161	5805		16.92	18.00
		165	5825	16.95	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	15.02	16.50
		46	5230		14.94	16.50
	U-NII-2A	54	5270		14.98	16.50
		62	5310		15.03	16.50
	U-NII-2C	102	5510		15.00	17.00
		110	5550		14.83	17.00
		118	5590		14.91	17.00
		126	5630		14.99	17.00
		134	5670		14.80	17.00
	U-NII-3	142	5710		14.95	17.00
		151	5755		15.86	17.50
		159	5795		15.88	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	14.97	16.50
	U-NII-2A	58	5290		15.02	16.50
	U-NII-2C	106	5530		14.97	17.00
		122	5610		14.81	17.00
	138	5690	14.92		17.00	
	U-NII-3	155	5775		15.36	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	14.02	16.50
	U-NII-2C	114	5570		14.42	17.00

ANT16+ANT19 Receiver on with WWAN						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	10.42	11.00
		40	5200		10.01	11.00
		44	5220		10.27	11.00
		48	5240		10.23	11.00
	U-NII-2A	52	5260		10.10	11.00
		56	5280		10.13	11.00
		60	5300		9.82	11.00
		64	5320		10.01	11.00
	U-NII-2C	100	5500		10.09	11.50
		104	5520		10.08	11.50
		108	5540		9.77	11.50
		112	5560		10.01	11.50
		116	5580		10.24	11.50
		120	5600		9.94	11.50
		124	5620		9.91	11.50
		128	5640		9.99	11.50
		132	5660		9.75	11.50
		136	5680		10.08	11.50
	U-NII-3	140	5700		10.15	11.50
		144	5720		10.03	11.50
149		5745	10.76	12.00		
153		5765	10.92	12.00		
157		5785	11.15	12.00		
		161	5805	11.15	12.00	
		165	5825	10.97	12.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	9.95	11.00
		40	5200		10.03	11.00
		44	5220		10.07	11.00
		48	5240		9.99	11.00
	U-NII-2A	52	5260		10.07	11.00
		56	5280		9.77	11.00
		60	5300		9.75	11.00
		64	5320		9.68	11.00
	U-NII-2C	100	5500		10.09	11.50
		104	5520		10.17	11.50
		108	5540		10.08	11.50
		112	5560		9.64	11.50
		116	5580		9.83	11.50
		120	5600		9.58	11.50
		124	5620		10.16	11.50
		128	5640		9.72	11.50
		132	5660		9.93	11.50
		136	5680		10.12	11.50
	U-NII-3	140	5700		9.82	11.50
		144	5720		9.86	11.50
149		5745	10.84	12.00		
153		5765	11.18	12.00		
157		5785	10.75	12.00		
		161	5805	10.75	12.00	
		165	5825	10.93	12.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	8.94	10.50
		46	5230		8.92	10.50
	U-NII-2A	54	5270		9.03	10.50

	U-NII-2C	62	5310		9.06	10.50	
		102	5510		9.22	11.00	
		110	5550		9.04	11.00	
		118	5590		9.04	11.00	
		126	5630		9.05	11.00	
		134	5670		9.11	11.00	
		142	5710		9.13	11.00	
		U-NII-3	151		5755	9.57	11.50
			159		5795	9.66	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac-20	U-NII-1	36	5180	MCS0	9.95	11.00	
		40	5200		9.96	11.00	
		44	5220		9.77	11.00	
		48	5240		9.91	11.00	
	U-NII-2A	52	5260		10.02	11.00	
		56	5280		9.99	11.00	
		60	5300		9.97	11.00	
		64	5320		9.98	11.00	
	U-NII-2C	100	5500		9.77	11.50	
		104	5520		10.10	11.50	
		108	5540		10.15	11.50	
		112	5560		10.16	11.50	
		116	5580		10.09	11.50	
		120	5600		9.59	11.50	
		124	5620		9.73	11.50	
		128	5640		10.27	11.50	
		132	5660		9.94	11.50	
		136	5680		10.09	11.50	
		140	5700		10.18	11.50	
	U-NII-3	144	5720		9.76	11.50	
		149	5745		10.95	12.00	
		153	5765		10.85	12.00	
		157	5785		10.87	12.00	
		161	5805		10.74	12.00	
	165	5825	11.05		12.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac-40	U-NII-1	38	5190	MCS0	8.91	10.50	
		46	5230		8.67	10.50	
	U-NII-2A	54	5270		8.91	10.50	
		62	5310		8.92	10.50	
	U-NII-2C	102	5510		9.04	11.00	
		110	5550		9.01	11.00	
		118	5590		9.03	11.00	
		126	5630		9.04	11.00	
		134	5670		9.15	11.00	
		142	5710		9.14	11.00	
	U-NII-3	151	5755		9.85	11.50	
		159	5795		9.84	11.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	8.78	10.50	
	U-NII-2A	58	5290		9.21	10.50	
	U-NII-2C	106	5530		9.13	11.00	
		122	5610		9.04	11.00	
	U-NII-3	138	5690		9.17	11.00	
		155	5775	9.53	11.50		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	9.17	10.50
	U-NII-2C	114	5570		9.04	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	6	10.08	11.00
		40	5200		9.97	11.00
		44	5220		9.95	11.00
		48	5240		9.90	11.00
	U-NII-2A	52	5260		10.13	11.00
		56	5280		9.87	11.00
		60	5300		10.06	11.00
		64	5320		9.96	11.00
	U-NII-2C	100	5500		10.00	11.50
		104	5520		10.00	11.50
		108	5540		9.97	11.50
		112	5560		9.96	11.50
		116	5580		10.00	11.50
		120	5600		10.05	11.50
		124	5620		9.95	11.50
		128	5640		10.10	11.50
		132	5660		9.91	11.50
		136	5680		10.02	11.50
	140	5700	9.95		11.50	
	144	5720	9.77		11.50	
	U-NII-3	149	5745		10.71	12.00
		153	5765		10.64	12.00
		157	5785		10.65	12.00
		161	5805		10.93	12.00
165		5825	10.59	12.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	8.95	10.50
		46	5230		9.02	10.50
	U-NII-2A	54	5270		8.86	10.50
		62	5310		9.03	10.50
	U-NII-2C	102	5510		9.14	11.00
		110	5550		9.13	11.00
		118	5590		9.13	11.00
		126	5630		9.09	11.00
		134	5670		9.03	11.00
		142	5710		9.19	11.00
	U-NII-3	151	5755		10.05	11.50
		159	5795		9.75	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	9.22	10.50
	U-NII-2A	58	5290		8.84	10.50
	U-NII-2C	106	5530		9.20	11.00
		122	5610		9.01	11.00
	U-NII-3	138	5690		9.13	11.00
		155	5775		9.51	11.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ax 160M	U-NII-2A	50	5250	MCS0	9.10	10.50
	U-NII-2C	114	5570		9.23	11.00

ANT16+ANT17 Receiver off						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.57	18.50
		40	5200		17.48	18.50
		44	5220		17.52	18.50
		48	5240		17.55	18.50
	U-NII-2A	52	5260		17.65	18.50
		56	5280		17.50	18.50
		60	5300		17.53	18.50
		64	5320		17.48	18.50
	U-NII-2C	100	5500		17.98	19.50
		104	5520		17.95	19.50
		108	5540		17.74	19.50
		112	5560		17.59	19.50
		116	5580		17.96	19.50
		120	5600		17.73	19.50
		124	5620		17.59	19.50
		128	5640		17.97	19.50
		132	5660		17.76	19.50
		136	5680		17.55	19.50
	U-NII-3	140	5700		17.93	19.50
		144	5720		17.74	19.50
149		5745	18.88	20.50		
153		5765	18.73	20.50		
157		5785	18.92	20.50		
161		5805	18.76	20.50		
		165	5825	18.88	20.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.42	18.50
		40	5200		17.40	18.50
		44	5220		17.44	18.50
		48	5240		17.47	18.50
	U-NII-2A	52	5260		17.39	18.50
		56	5280		17.42	18.50
		60	5300		17.43	18.50
		64	5320		17.39	18.50
	U-NII-2C	100	5500		17.48	19.50
		104	5520		17.89	19.50
		108	5540		17.69	19.50
		112	5560		17.51	19.50
		116	5580		17.90	19.50
		120	5600		17.68	19.50
		124	5620		17.54	19.50
		128	5640		17.92	19.50
		132	5660		17.71	19.50
		136	5680		17.50	19.50
	U-NII-3	140	5700		17.85	19.50
		144	5720		17.67	19.50
149		5745	18.88	20.50		
153		5765	18.66	20.50		
157		5785	18.76	20.50		

		161	5805		18.69	20.50		
		165	5825		18.82	20.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n-HT40	U-NII-1	38	5190	MCS0	16.88	18.00		
		46	5230		16.84	18.00		
	U-NII-2A	54	5270		16.83	18.00		
		62	5310		16.87	18.00		
	U-NII-2C	102	5510		16.93	19.00		
		110	5550		17.31	19.00		
		118	5590		17.08	19.00		
		126	5630		16.89	19.00		
		134	5670		17.33	19.00		
		142	5710		17.09	19.00		
	U-NII-3	151	5755		18.26	20.00		
		159	5795		18.25	20.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac-20	U-NII-1	36		5180	MCS0	17.43	18.50
40			5200	17.39	18.50			
44			5220	17.46	18.50			
48			5240	17.48	18.50			
U-NII-2A		52	5260	17.37	18.50			
		56	5280	17.43	18.50			
		60	5300	17.45	18.50			
		64	5320	17.41	18.50			
U-NII-2C		100	5500	17.49	19.50			
		104	5520	17.87	19.50			
		108	5540	17.68	19.50			
		112	5560	17.53	19.50			
		116	5580	17.87	19.50			
		120	5600	17.67	19.50			
		124	5620	17.53	19.50			
		128	5640	17.90	19.50			
		132	5660	17.69	19.50			
		136	5680	17.47	19.50			
U-NII-3		140	5700	17.86	19.50			
		144	5720	17.64	19.50			
		149	5745	18.87	20.50			
		153	5765	18.65	20.50			
		157	5785	18.78	20.50			
		161	5805	18.70	20.50			
165	5825	18.81	20.50					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac-40	U-NII-1	38	5190	MCS0	16.96	18.00		
		46	5230		16.93	18.00		
	U-NII-2A	54	5270		16.92	18.00		
		62	5310		16.95	18.00		
	U-NII-2C	102	5510		16.99	19.00		
		110	5550		17.40	19.00		
		118	5590		17.16	19.00		
		126	5630		16.97	19.00		
		134	5670		17.39	19.00		
	142	5710	17.16		19.00			
	U-NII-3	151	5755		18.31	20.00		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 80M	U-NII-1	42	5210	MCS0	16.87	18.00		
	U-NII-2A	58	5290		16.87	18.00		
	U-NII-2C	106	5530		16.90	19.00		
		122	5610		17.35	19.00		
		138	5690		17.11	19.00		
	U-NII-3	155	5775		18.21	19.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ac 160M	U-NII-2A	50	5250	MCS0	15.81	17.00		
	U-NII-2C	114	5570		15.72	17.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax 20M	U-NII-1	36	5180	6	17.42	18.50		
		40	5200		17.40	18.50		
		44	5220		17.47	18.50		
		48	5240		17.48	18.50		
	U-NII-2A	52	5260		17.41	18.50		
		56	5280		17.40	18.50		
		60	5300		17.45	18.50		
		64	5320		17.40	18.50		
	U-NII-2C	100	5500		17.50	18.00		
		104	5520		17.90	18.00		
		108	5540		17.68	18.00		
		112	5560		17.50	18.00		
		116	5580		17.87	18.00		
		120	5600		17.65	18.00		
		124	5620		17.50	18.00		
		128	5640		17.88	18.00		
		132	5660		17.68	18.00		
		136	5680		17.48	18.00		
	U-NII-3	140	5700		17.83	18.00		
		144	5720		17.69	18.00		
		149	5745		18.89	20.50		
		153	5765		18.64	20.50		
		157	5785		18.81	20.50		
		161	5805		18.69	20.50		
			165		5825	18.82	20.50	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ax 40M	U-NII-1	38		5190	MCS0	16.88	18.00
			46		5230		16.86	18.00
U-NII-2A		54	5270	16.86	18.00			
		62	5310	16.87	18.00			
U-NII-2C		102	5510	16.92	19.00			
		110	5550	17.33	19.00			
		118	5590	17.07	19.00			
		126	5630	16.91	19.00			
		134	5670	17.33	19.00			
		142	5710	17.07	19.00			
U-NII-3		151	5755	18.26	20.00			
		159	5795	18.23	20.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11ax 80M	U-NII-1	42	5210	MCS0	16.77	18.00		
	U-NII-2A	58	5290		16.78	18.00		

	U-NII-2C	106	5530		16.83	18.50
		122	5610		17.29	18.50
		138	5690		17.04	18.50
	U-NII-3	155	5775		18.11	19.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	15.85	17.00
	U-NII-2C	114	5570		16.76	18.00

ANT16+ANT17 Receiver on						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.96	15.00
		40	5200		13.93	15.00
		44	5220		13.95	15.00
		48	5240		14.00	15.00
	U-NII-2A	52	5260		14.04	15.00
		56	5280		13.91	15.00
		60	5300		13.94	15.00
		64	5320		13.89	15.00
	U-NII-2C	100	5500		13.98	15.50
		104	5520		13.90	15.50
		108	5540		13.68	15.50
		112	5560		13.52	15.50
		116	5580		13.87	15.50
		120	5600		13.65	15.50
		124	5620		13.53	15.50
		128	5640		13.91	15.50
		132	5660		13.68	15.50
		136	5680		13.47	15.50
	U-NII-3	140	5700		13.88	15.50
		144	5720		13.67	15.50
		149	5745		14.39	16.00
153		5765	14.14	16.00		
157		5785	14.50	16.00		
		161	5805	14.21	16.00	
		165	5825	14.32	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.85	15.00
		40	5200		13.84	15.00
		44	5220		13.85	15.00
		48	5240		13.89	15.00
	U-NII-2A	52	5260		13.80	15.00
		56	5280		13.83	15.00
		60	5300		13.86	15.00
	U-NII-2C	64	5320		13.79	15.00
		100	5500		13.41	15.50
		104	5520		13.83	15.50
		108	5540		13.61	15.50
		112	5560		13.43	15.50
		116	5580		13.81	15.50
		120	5600		13.60	15.50
		124	5620		13.45	15.50
		128	5640		13.82	15.50
		132	5660		13.62	15.50
	U-NII-3	136	5680		13.42	15.50
		140	5700		13.76	15.50
		144	5720		13.59	15.50
		149	5745		14.28	16.00
153		5765	14.07	16.00		
		157	5785	14.21	16.00	
		161	5805	14.13	16.00	
		165	5825	14.25	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.79	14.50

		46	5230		12.75	14.50
	U-NII-2A	54	5270		12.75	14.50
		62	5310		12.81	14.50
		102	5510		12.36	15.00
	U-NII-2C	110	5550		12.73	15.00
		118	5590		12.52	15.00
		126	5630		12.30	15.00
		134	5670		12.78	15.00
		142	5710		12.51	15.00
		U-NII-3	151	5755		13.17
	159		5795		13.15	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	13.85	15.00
		40	5200		13.80	15.00
		44	5220		13.87	15.00
		48	5240		13.90	15.00
	U-NII-2A	52	5260		13.82	15.00
		56	5280		13.85	15.00
		60	5300		13.86	15.00
		64	5320		13.85	15.00
	U-NII-2C	100	5500		13.43	15.50
		104	5520		13.80	15.50
		108	5540		13.63	15.50
		112	5560		13.46	15.50
		116	5580		13.79	15.50
		120	5600		13.59	15.50
		124	5620		13.43	15.50
		128	5640		13.81	15.50
		132	5660		13.60	15.50
		136	5680		13.40	15.50
	U-NII-3	140	5700		13.80	15.50
		144	5720		13.59	15.50
149		5745	14.29	16.00		
153		5765	14.07	16.00		
157		5785	14.23	16.00		
161		5805	14.15	16.00		
		165	5825	14.25	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.88	14.50
		46	5230		12.87	14.50
	U-NII-2A	54	5270		12.85	14.50
		62	5310		12.90	14.50
	U-NII-2C	102	5510		12.42	15.00
		110	5550		12.80	15.00
		118	5590		12.58	15.00
		126	5630		12.42	15.00
		134	5670		12.82	15.00
		142	5710		12.60	15.00
	U-NII-3	151	5755		13.22	15.50
		159	5795		13.25	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.79	14.50
	U-NII-2A	58	5290		12.80	14.50

	U-NII-2C	106	5530		12.31	15.00
		122	5610		12.78	15.00
		138	5690		12.55	15.00
	U-NII-3	155	5775		13.11	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.74	14.50
	U-NII-2C	114	5570		11.16	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Tune up
802.11ax 20M	U-NII-1	36	5180	6	13.84	15.00
		40	5200		13.81	15.00
		44	5220		13.92	15.00
		48	5240		13.89	15.00
	U-NII-2A	52	5260		13.82	15.00
		56	5280		13.81	15.00
		60	5300		13.88	15.00
		64	5320		13.82	15.00
	U-NII-2C	100	5500		13.41	15.50
		104	5520		13.83	15.50
		108	5540		13.58	15.50
		112	5560		13.40	15.50
		116	5580		13.80	15.50
		120	5600		13.57	15.50
		124	5620		13.43	15.50
		128	5640		13.83	15.50
		132	5660		13.61	15.50
		136	5680		13.41	15.50
	U-NII-3	140	5700		13.76	15.50
		144	5720		13.59	15.50
		149	5745		14.34	16.00
		153	5765		14.09	16.00
		157	5785		14.25	16.00
		161	5805	14.13	16.00	
		165	5825	14.27	16.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	12.82	14.50
		46	5230		12.81	14.50
	U-NII-2A	54	5270		12.76	14.50
		62	5310		12.80	14.50
	U-NII-2C	102	5510		12.33	15.00
		110	5550		12.73	15.00
		118	5590		12.49	15.00
		126	5630		12.33	15.00
		134	5670		12.77	15.00
	U-NII-3	142	5710		12.48	15.00
		151	5755		13.20	15.50
159		5795	13.17	15.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.68	14.50
	U-NII-2A	58	5290		12.69	14.50
	U-NII-2C	106	5530		12.24	15.00
		122	5610		12.70	15.00
		138	5690		12.48	15.00
	U-NII-3	155	5775		13.05	15.50

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.75	14.50
	U-NII-2C	114	5570		12.16	15.00

### 11.3 Conducted Power of BT

BT ANT16		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	16.25	16.99	15.89	17.50
	$\pi/4$ DQPSK	14.12	14.85	13.60	15.00
	8DPSK	14.04	14.83	13.56	15.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.54	8.09	7.19	10.50
BLE 2M	GFSK	7.45	8.00	7.10	10.50

BT ANT16 with WWAN		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	14.97	15.17	14.69	16.50
	$\pi/4$ DQPSK	12.27	13.12	12.49	14.00
	8DPSK	12.08	12.66	12.58	14.00

BT ANT18		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	15.34	15.75	15.06	17.00
	$\pi/4$ DQPSK	13.27	13.72	12.99	14.50
	8DPSK	13.21	13.70	12.93	14.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.15	7.76	6.73	10.50
BLE 2M	GFSK	7.06	7.66	6.64	10.50

BT ANT18 WITH WWAN		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	12.95	13.23	12.77	14.00
	$\pi/4$ DQPSK	10.93	11.90	11.13	11.50
	8DPSK	10.23	10.55	10.39	11.50