

Measurement of RF conducted Power

1 Conducted Power of Main Antenna(Ant1)

1.1 Conducted Power of GSM

GSM 850										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.28	32.34	32.30	34.00	-9.19	23.09	23.15	23.11	24.81
GPRS/EGPRS (GMSK)	1 TX Slot	32.28	32.21	32.21	34.00	-9.19	23.09	23.02	23.02	24.81
	2 TX Slots	29.86	29.76	29.58	31.00	-6.18	23.68	23.58	23.4	24.82
	3 TX Slots	28.01	28.21	27.62	29.00	-4.42	23.59	23.79	23.2	24.58
	4 TX Slots	26.60	26.72	26.63	28.00	-3.17	23.43	23.55	23.46	24.83
EGPRS(8PSK)	1 TX Slot	26.45	26.37	26.30	28.00	-9.19	17.26	17.18	17.11	18.81
	2 TX Slots	23.70	23.51	23.53	25.00	-6.18	17.52	17.33	17.35	18.82
	3 TX Slots	21.90	21.81	21.65	23.00	-4.42	17.48	17.39	17.23	18.58
	4 TX Slots	20.46	20.29	20.26	22.00	-3.17	17.29	17.12	17.09	18.83

Table 1: Conducted Power of GSM

1.2 Conducted Power of WCDMA

WCDMA Band V Sensor off&Hotspot off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.96	23.98	23.87	25.00
	12.2kbps AMR	23.94	23.91	23.75	25.00
	Subtest 1	23.36	23.22	23.28	24.00
HSDPA	Subtest 2	23.16	23.26	23.15	24.00
	Subtest 3	22.89	22.80	22.99	23.50
	Subtest 4	22.71	22.60	22.58	23.50
	Subtest 1	23.36	23.35	23.15	24.00
HSUPA	Subtest 2	21.16	21.12	21.08	22.00
	Subtest 3	21.37	22.04	22.18	23.00
	Subtest 4	21.18	20.59	20.83	22.00
	Subtest 5	23.31	23.13	23.15	24.00
	Subtest 1	23.28	23.19	23.17	24.00
HSDPA	Subtest 2	23.26	23.22	23.09	24.00
	Subtest 3	22.67	22.76	22.85	23.50
	Subtest 4	22.87	22.65	22.63	23.50
	Subtest 1	22.47	22.34	22.42	23.00
WCDMA Band V Sensor on&Hotspot on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.20	23.23	23.14	24.00
	12.2kbps AMR	23.10	23.12	23.04	24.00
HSDPA	Subtest 1	22.47	22.34	22.42	23.00
	Subtest 2	22.29	22.40	22.28	23.00
	Subtest 3	22.02	21.95	22.09	22.50
	Subtest 4	21.86	21.75	21.69	22.50
HSUPA	Subtest 1	22.47	22.45	22.25	23.00
	Subtest 2	20.29	20.25	20.18	21.00
	Subtest 3	20.50	21.15	21.32	22.00
	Subtest 4	20.33	19.72	19.95	21.00
	Subtest 5	22.46	22.26	22.26	23.00
HSDPA	Subtest 1	22.38	22.30	22.30	23.00
	Subtest 2	22.39	22.35	22.21	23.00
	Subtest 3	21.78	21.87	21.99	22.50
	Subtest 4	21.98	21.79	21.76	22.50

Table 2: Conucted Power of WCDMA

1.3 Conducted Power of LTE

LTE Band 4 Sensor off&Hotspot off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	20.66	20.98	20.91	22.50	
		1	2	20.75	21.00	21.06	22.50	
		1	5	20.99	20.90	20.95	22.50	
		3	0	20.96	20.96	20.99	22.50	
		3	2	21.06	20.99	21.05	22.50	
		3	3	20.95	21.02	20.97	22.50	
	16QAM	6	0	20.14	20.03	20.08	21.50	
		1	0	20.18	20.49	20.54	21.50	
		1	2	20.37	20.54	20.46	21.50	
		1	5	20.23	20.08	20.58	21.50	
		3	0	20.16	19.92	20.08	21.50	
		3	2	20.13	20.00	20.12	21.50	
	64QAM	3	3	20.15	20.13	20.08	21.50	
		6	0	19.11	19.05	19.12	20.50	
		1	0	19.20	19.19	19.17	20.50	
		1	2	19.14	19.15	19.14	20.50	
		1	5	19.16	19.15	19.15	20.50	
		3	0	19.19	19.18	19.11	20.50	
	3MHz	QPSK	3	2	19.19	19.12	19.11	20.50
			3	3	19.13	19.14	19.15	20.50
			6	0	18.40	18.37	18.22	19.50
1			0	20.52	20.94	20.90	22.50	
1			7	20.51	20.88	21.01	22.50	
1			14	20.54	21.10	21.07	22.50	
16QAM		8	0	19.60	20.03	19.94	21.50	
		8	4	19.64	20.06	20.04	21.50	
		8	7	19.68	20.02	20.00	21.50	
		15	0	19.63	20.02	19.97	21.50	
		1	0	19.51	19.90	20.22	21.50	
		1	7	20.01	20.39	20.20	21.50	
64QAM	1	14	19.87	20.45	20.22	21.50		
	8	0	18.53	19.11	19.00	20.50		
	8	4	18.52	19.09	18.97	20.50		
	8	7	18.63	19.12	19.08	20.50		
	15	0	18.51	19.07	19.12	20.50		
	1	0	19.12	19.20	19.16	20.50		
5MHz	QPSK	1	7	19.18	19.16	19.17	20.50	
		1	14	19.20	19.20	19.20	20.50	
		8	0	18.40	18.46	18.49	19.50	
		8	4	18.28	18.25	18.30	19.50	
		8	7	18.45	18.46	18.47	19.50	
		15	0	18.28	18.38	18.48	19.50	

		1	13	21.18	20.97	21.08	22.50		
		1	24	20.52	21.07	21.16	22.50		
		12	0	19.99	19.98	19.97	21.50		
		12	6	20.31	20.07	20.01	21.50		
		12	13	19.63	20.09	20.05	21.50		
		25	0	20.26	20.03	19.98	21.50		
	16QAM	1	0	19.66	20.25	20.09	21.50		
		1	13	19.90	20.21	20.24	21.50		
		1	24	19.75	20.17	20.13	21.50		
		12	0	18.51	19.01	18.95	20.50		
		12	6	18.54	18.99	19.05	20.50		
		12	13	18.71	19.10	19.10	20.50		
	64QAM	25	0	18.65	19.03	19.14	20.50		
		1	0	19.18	19.14	19.20	20.50		
		1	13	19.16	19.19	19.20	20.50		
		1	24	19.15	19.16	19.14	20.50		
		12	0	18.29	18.41	18.36	19.50		
		12	6	18.30	18.23	18.29	19.50		
10MHz	QPSK	12	13	18.22	18.50	18.27	19.50		
		25	0	18.39	18.47	18.23	19.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350	
		16QAM	1	0	20.81	20.84	20.93	22.50	
			1	25	20.66	20.88	20.91	22.50	
	1		49	20.94	20.79	20.94	22.50		
	25		0	19.54	19.96	19.93	21.50		
	25		13	19.98	20.03	20.11	21.50		
	25		25	20.08	20.13	20.02	21.50		
	64QAM	50	0	20.04	20.10	20.06	21.50		
		1	0	19.72	20.54	19.97	21.50		
		1	25	19.93	20.16	20.26	21.50		
		1	49	20.29	19.92	20.21	21.50		
		25	0	18.54	19.15	19.01	20.50		
		25	13	19.08	19.10	19.16	20.50		
	QPSK	25	25	19.22	19.06	19.14	20.50		
		50	0	19.16	19.12	19.09	20.50		
1		0	19.13	19.20	19.15	20.50			
1		25	19.19	19.11	19.15	20.50			
1		49	19.20	19.20	19.19	20.50			
25		0	18.27	18.46	18.25	19.50			
15MHz	16QAM	25	13	18.38	18.29	18.25	19.50		
		25	25	18.41	18.49	18.48	19.50		
		50	0	18.27	18.48	18.42	19.50		
		1	0	20.89	21.08	21.07	22.50		
		1	38	20.87	20.83	20.91	22.50		
		1	74	20.99	20.91	20.92	22.50		
	QPSK	36	0	19.82	20.08	20.05	21.50		
		36	18	20.15	20.06	20.09	21.50		
		36	39	20.13	20.06	19.99	21.50		
		75	0	20.03	20.09	20.05	21.50		
		1	0	19.56	20.53	20.61	21.50		
		1	38	20.45	20.53	19.96	21.50		
	16QAM	1	74	20.14	19.82	19.90	21.50		

		36	0	18.87	19.07	19.13	20.50
		36	18	19.18	18.95	19.09	20.50
		36	39	19.05	18.94	19.01	20.50
		75	0	19.12	19.08	19.09	20.50
	64QAM	1	0	19.19	19.20	19.20	20.50
		1	38	19.14	19.12	19.17	20.50
		1	74	19.11	19.15	19.15	20.50
		36	0	18.38	18.22	18.47	19.50
		36	18	18.33	18.36	18.40	19.50
		36	39	18.26	18.47	18.36	19.50
		75	0	18.23	18.22	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.75	21.46	20.71	22.50
		1	50	21.25	21.22	21.26	22.50
		1	99	21.30	21.21	21.38	22.50
		50	0	20.25	20.10	20.09	21.50
		50	25	20.22	20.02	20.07	21.50
		50	50	20.13	19.99	20.01	21.50
		100	0	20.13	20.09	20.01	21.50
	16QAM	1	0	19.83	20.68	20.42	21.50
		1	50	20.21	20.26	20.12	21.50
		1	99	20.10	20.31	20.10	21.50
		50	0	19.20	19.05	19.10	20.50
		50	25	19.09	19.02	18.99	20.50
		50	50	19.00	19.01	19.10	20.50
		100	0	19.07	19.05	18.96	20.50
	64QAM	1	0	19.11	19.15	19.14	20.50
		1	50	19.11	19.17	19.14	20.50
		1	99	19.18	19.11	19.13	20.50
		50	0	18.35	18.27	18.33	19.50
		50	25	18.41	18.34	18.43	19.50
		50	50	18.29	18.27	18.26	19.50
		100	0	18.32	18.31	18.28	19.50

LTE Band 4 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.93	19.94	19.89	21.50
		1	2	19.99	19.93	19.97	21.50
		1	5	20.03	19.95	19.92	21.50
		3	0	19.98	19.93	19.99	21.50
		3	2	20.02	20.03	19.96	21.50
		3	3	19.96	19.90	20.01	21.50
		6	0	19.35	20.00	19.96	20.50
	16QAM	1	0	19.46	20.35	20.50	20.50
		1	2	19.85	20.30	20.30	20.50
		1	5	19.47	20.15	20.11	20.50
		3	0	19.43	20.07	20.09	20.50
		3	2	19.44	20.04	20.10	20.50
		3	3	19.43	19.94	19.95	20.50
		6	0	19.25	19.02	19.05	19.50

		1	0	18.30	18.43	18.33	19.50
		1	2	18.25	18.38	18.47	19.50
		1	5	18.48	18.22	18.46	19.50
		3	0	18.38	18.46	18.48	19.50
		3	2	18.33	18.50	18.47	19.50
		3	3	18.27	18.44	18.39	19.50
		6	0	18.40	18.37	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	19.98	19.83	19.99	21.50
		1	7	20.17	20.08	20.14	21.50
		1	14	20.01	19.99	20.05	21.50
		8	0	19.45	20.01	20.05	20.50
		8	4	19.47	20.15	20.08	20.50
		8	7	19.44	20.09	20.16	20.50
		15	0	19.43	20.21	20.04	20.50
	16QAM	1	0	19.78	20.18	20.42	20.50
		1	7	19.49	20.50	20.16	20.50
		1	14	19.80	20.37	20.30	20.50
		8	0	18.65	19.20	19.11	19.50
		8	4	18.66	19.32	19.03	19.50
		8	7	18.59	19.24	19.14	19.50
		15	0	18.54	19.06	19.04	19.50
	64QAM	1	0	18.49	18.25	18.36	19.50
		1	7	18.50	18.49	18.23	19.50
		1	14	18.21	18.23	18.21	19.50
		8	0	18.40	18.46	18.49	19.50
		8	4	18.28	18.25	18.30	19.50
		8	7	18.45	18.46	18.47	19.50
		15	0	18.28	18.38	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.85	19.71	19.79	21.50
		1	13	19.92	19.80	19.99	21.50
		1	24	19.90	19.89	20.01	21.50
		12	0	19.15	19.92	19.92	20.50
		12	6	19.30	19.95	19.97	20.50
		12	13	19.42	19.99	19.96	20.50
		25	0	19.30	19.95	19.93	20.50
	16QAM	1	0	19.63	20.16	19.74	20.50
		1	13	19.18	19.89	20.23	20.50
		1	24	19.55	19.89	20.10	20.50
		12	0	18.33	18.88	18.88	19.50
		12	6	18.45	18.89	19.03	19.50
		12	13	18.55	19.02	19.03	19.50
		25	0	18.45	18.99	18.90	19.50
	64QAM	1	0	18.27	18.34	18.37	19.50
		1	13	18.25	18.39	18.31	19.50
		1	24	18.33	18.32	18.27	19.50
		12	0	18.29	18.41	18.36	19.50
		12	6	18.30	18.23	18.29	19.50
		12	13	18.22	18.50	18.27	19.50
		25	0	18.39	18.47	18.23	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	

10MHz	QPSK	1	0	19.80	19.82	19.81	21.50	
		1	25	19.89	19.81	19.87	21.50	
		1	49	19.82	19.80	19.96	21.50	
		25	0	19.39	20.00	19.95	20.50	
		25	13	19.90	20.00	20.06	20.50	
		25	25	20.03	19.99	20.06	20.50	
	16QAM	50	0	19.97	19.90	19.99	20.50	
		1	0	19.18	20.45	20.44	20.50	
		1	25	19.80	20.39	20.31	20.50	
		1	49	20.27	20.23	20.20	20.50	
		25	0	18.50	19.05	18.87	19.50	
		25	13	19.02	19.00	19.12	19.50	
	64QAM	25	25	19.06	18.96	18.97	19.50	
		50	0	19.16	19.10	19.03	19.50	
		1	0	18.28	18.38	18.25	19.50	
		1	25	18.40	18.22	18.43	19.50	
		1	49	18.37	18.48	18.47	19.50	
		25	0	18.27	18.46	18.25	19.50	
15MHz	QPSK	25	13	18.38	18.29	18.25	19.50	
		25	25	18.41	18.49	18.48	19.50	
		50	0	18.27	18.48	18.42	19.50	
		1	0	20.06	20.07	19.93	21.50	
		1	38	19.83	19.90	19.88	21.50	
		1	74	19.92	19.91	19.91	21.50	
	16QAM	36	0	19.78	20.15	20.07	20.50	
		36	18	20.06	20.03	20.04	20.50	
		36	39	20.13	20.07	20.04	20.50	
		75	0	20.20	20.09	20.03	20.50	
1		0	19.41	20.21	20.21	20.50		
1		38	20.36	20.02	20.21	20.50		
64QAM	1	74	20.12	20.02	20.08	20.50		
	36	0	18.90	19.01	19.04	19.50		
	36	18	19.03	19.00	19.08	19.50		
	36	39	19.07	19.01	19.02	19.50		
	75	0	19.08	18.97	19.07	19.50		
	1	0	18.27	18.36	18.44	19.50		
20MHz	QPSK	1	38	18.49	18.29	18.43	19.50	
		1	74	18.47	18.21	18.40	19.50	
		36	0	18.38	18.22	18.47	19.50	
		36	18	18.33	18.36	18.40	19.50	
		36	39	18.26	18.47	18.36	19.50	
		75	0	18.23	18.22	18.26	19.50	
	16QAM	1	0	19.41	20.01	19.76	20.50	
		1	50	20.19	20.14	19.96	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
				20050	20175	20300		

		1	99	20.15	19.85	20.02	20.50
		50	0	19.12	19.06	19.16	19.50
		50	25	19.23	19.12	19.10	19.50
		50	50	19.10	19.07	19.05	19.50
		100	0	19.14	19.06	19.14	19.50
	64QAM	1	0	18.41	18.27	18.44	19.50
		1	50	18.45	18.30	18.27	19.50
		1	99	18.29	18.31	18.47	19.50
		50	0	18.35	18.27	18.33	19.50
		50	25	18.41	18.34	18.43	19.50
		50	50	18.29	18.27	18.26	19.50
		100	0	18.32	18.31	18.28	19.50

LTE Band 5 Sensor off & Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	24.42	24.33	24.29	25.50
		1	2	24.55	24.37	24.32	25.50
		1	5	24.35	24.29	24.27	25.50
		3	0	24.33	24.29	24.33	25.50
		3	2	24.53	24.38	24.32	25.50
		3	3	24.40	24.33	24.28	25.50
		6	0	23.43	23.42	23.44	24.50
	16QAM	1	0	23.32	23.36	23.36	24.50
		1	2	23.64	23.54	23.52	24.50
		1	5	23.45	23.47	23.42	24.50
		3	0	23.24	23.15	23.21	24.50
		3	2	23.33	23.51	23.45	24.50
		3	3	23.26	23.20	23.23	24.50
		6	0	22.44	22.42	22.39	23.50
	64QAM	1	0	22.42	22.41	22.41	23.50
		1	2	22.47	22.50	22.46	23.50
		1	5	22.44	22.47	22.43	23.50
		3	0	22.44	22.50	22.43	23.50
		3	2	22.49	22.45	22.44	23.50
		3	3	22.46	22.45	22.43	23.50
		6	0	21.69	21.64	21.74	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	24.33	24.42	24.39	25.50
		1	7	24.44	24.35	24.48	25.50
		1	14	24.48	24.42	24.33	25.50
		8	0	23.50	23.46	23.44	24.50
		8	4	23.49	23.47	23.54	24.50
		8	7	23.50	23.49	23.36	24.50
		15	0	23.53	23.48	23.34	24.50
	16QAM	1	0	23.39	23.42	23.40	24.50
		1	7	23.43	23.47	23.43	24.50
		1	14	23.46	23.47	23.30	24.50
		8	0	22.60	22.43	22.43	23.50
		8	4	22.57	22.52	22.47	23.50
		8	7	22.55	22.47	22.43	23.50

		15	0	22.51	22.53	22.32	23.50
	64QAM	1	0	22.49	22.47	22.41	23.50
		1	7	22.44	22.49	22.44	23.50
		1	14	22.47	22.44	22.50	23.50
		8	0	21.79	21.78	21.53	22.50
		8	4	21.51	21.62	21.80	22.50
		8	7	21.79	21.80	21.73	22.50
		15	0	21.70	21.59	21.63	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.38	24.44	24.45	25.50
		1	13	24.56	24.54	24.36	25.50
		1	24	24.43	24.41	24.45	25.50
		12	0	23.51	23.49	23.52	24.50
		12	6	23.57	23.52	23.54	24.50
		12	13	23.49	23.45	23.40	24.50
		25	0	23.55	23.55	23.46	24.50
	16QAM	1	0	23.53	23.48	23.33	24.50
		1	13	23.45	23.51	23.38	24.50
		1	24	23.50	23.41	23.48	24.50
		12	0	22.59	22.56	22.52	23.50
		12	6	22.69	22.55	22.52	23.50
		12	13	22.59	22.55	22.48	23.50
		25	0	22.57	22.55	22.49	23.50
	64QAM	1	0	22.47	22.46	22.46	23.50
		1	13	22.45	22.41	22.44	23.50
		1	24	22.41	22.49	22.41	23.50
		12	0	21.56	21.77	21.69	22.50
		12	6	21.52	21.67	21.66	22.50
		12	13	21.53	21.58	21.77	22.50
		25	0	21.78	21.61	21.55	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	24.30	24.42	24.48	25.50
		1	25	24.35	24.36	24.16	25.50
		1	49	24.27	24.30	24.23	25.50
		25	0	23.47	23.48	23.45	24.50
		25	13	23.63	23.59	23.50	24.50
		25	25	23.53	23.60	23.41	24.50
		50	0	23.61	23.55	23.37	24.50
	16QAM	1	0	23.62	23.56	23.49	24.50
		1	25	23.58	23.46	23.67	24.50
		1	49	23.59	23.58	23.35	24.50
		25	0	22.40	22.44	22.57	23.50
		25	13	22.59	22.61	22.50	23.50
		25	25	22.60	22.49	22.59	23.50
		50	0	22.54	22.51	22.37	23.50
	64QAM	1	0	22.50	22.49	22.45	23.50
		1	25	22.47	22.45	22.42	23.50
		1	49	22.47	22.43	22.41	23.50
		25	0	21.77	21.67	21.57	22.50
		25	13	21.55	21.51	21.53	22.50
		25	25	21.61	21.69	21.54	22.50
		50	0	21.65	21.65	21.59	22.50

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	23.12	23.09	23.00	24.00	
		1	2	23.15	23.09	23.08	24.00	
		1	5	23.10	23.02	23.05	24.00	
		3	0	23.10	23.03	22.99	24.00	
		3	2	23.10	23.18	23.13	24.00	
		3	3	23.08	23.01	23.03	24.00	
	16QAM	6	0	23.25	23.16	23.07	24.00	
		1	0	22.93	23.19	23.01	24.00	
		1	2	22.92	23.12	22.99	24.00	
		1	5	22.90	23.03	22.88	24.00	
		3	0	23.19	23.23	23.17	24.00	
		3	2	23.20	23.24	23.06	24.00	
	64QAM	3	3	23.17	23.05	23.12	24.00	
		6	0	22.44	22.42	22.39	23.50	
		1	0	22.42	22.41	22.41	23.50	
		1	2	22.47	22.50	22.46	23.50	
		1	5	22.44	22.47	22.43	23.50	
		3	0	22.44	22.50	22.43	23.50	
	3MHz	QPSK	3	2	22.49	22.45	22.44	23.50
			3	3	22.46	22.45	22.43	23.50
			6	0	21.69	21.64	21.74	22.50
1			0	23.23	23.10	23.06	24.00	
1			7	23.29	23.35	23.03	24.00	
1			14	23.16	23.28	23.04	24.00	
16QAM		8	0	23.28	23.24	23.20	24.00	
		8	4	23.27	23.25	23.20	24.00	
		8	7	23.18	23.23	23.16	24.00	
		15	0	23.32	23.23	23.14	24.00	
		1	0	23.08	23.21	23.28	24.00	
		1	7	23.25	22.86	23.03	24.00	
64QAM		1	14	22.93	23.15	23.14	24.00	
		8	0	22.60	22.43	22.43	23.50	
		8	4	22.57	22.52	22.47	23.50	
	8	7	22.55	22.47	22.43	23.50		
	15	0	22.51	22.53	22.32	23.50		
	1	0	22.49	22.47	22.41	23.50		
5MHz	QPSK	1	7	22.44	22.49	22.44	23.50	
		1	14	22.47	22.44	22.50	23.50	
		8	0	21.79	21.78	21.53	22.50	
		8	4	21.51	21.62	21.80	22.50	
		8	7	21.79	21.80	21.73	22.50	
		15	0	21.70	21.59	21.63	22.50	
		1	0	23.25	23.21	23.19	24.00	
		1	13	23.29	23.25	23.19	24.00	

		1	24	23.22	23.17	23.11	24.00	
		12	0	23.31	23.31	23.22	24.00	
		12	6	23.36	23.22	23.21	24.00	
		12	13	23.30	23.29	23.30	24.00	
		25	0	23.30	23.26	23.21	24.00	
	16QAM	1	0	23.00	23.13	22.83	24.00	
		1	13	22.86	23.00	23.10	24.00	
		1	24	22.96	23.07	22.91	24.00	
		12	0	22.59	22.56	22.52	23.50	
		12	6	22.69	22.55	22.52	23.50	
	64QAM	12	13	22.59	22.55	22.48	23.50	
		25	0	22.57	22.55	22.49	23.50	
		1	0	22.47	22.46	22.46	23.50	
		1	13	22.45	22.41	22.44	23.50	
		1	24	22.41	22.49	22.41	23.50	
	10MHz	QPSK	12	0	21.56	21.77	21.69	22.50
			12	6	21.52	21.67	21.66	22.50
			12	13	21.53	21.58	21.77	22.50
25			0	21.78	21.61	21.55	22.50	
1			0	23.22	23.29	23.20	24.00	
1			25	23.14	23.03	22.96	24.00	
10MHz	16QAM	1	49	23.17	22.97	23.01	24.00	
		25	0	23.33	23.35	23.26	24.00	
		25	13	23.31	23.11	23.38	24.00	
		25	25	23.27	23.29	23.33	24.00	
		50	0	23.00	23.36	23.25	24.00	
		1	0	23.25	23.37	23.30	24.00	
	64QAM	1	25	23.34	23.32	23.21	24.00	
		1	49	23.00	23.26	23.06	24.00	
		25	0	22.40	22.44	22.57	23.50	
		25	13	22.59	22.61	22.50	23.50	
		25	25	22.60	22.49	22.59	23.50	
		50	0	22.54	22.51	22.37	23.50	
10MHz	64QAM	1	0	22.50	22.49	22.45	23.50	
		1	25	22.47	22.45	22.42	23.50	
		1	49	22.47	22.43	22.41	23.50	
		25	0	21.77	21.67	21.57	22.50	
		25	13	21.55	21.51	21.53	22.50	
		25	25	21.61	21.69	21.54	22.50	
		50	0	21.65	21.65	21.59	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up	

LTE Band 7 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20775	21100	21425	22.50
		1	13	21.56	21.49	21.58	22.50
		1	24	21.65	21.51	21.40	22.50
		12	0	21.53	21.56	21.58	22.50
		12	6	20.71	20.56	20.68	21.50
		12	13	20.76	20.70	20.69	21.50
				20.78	20.64	20.68	21.50

	16QAM	25	0	20.71	20.64	20.66	21.50	
		1	0	20.80	20.50	20.48	21.50	
		1	13	20.82	20.82	20.52	21.50	
		1	24	21.24	21.10	20.85	21.50	
		12	0	19.76	19.55	19.68	20.50	
		12	6	19.74	19.77	19.69	20.50	
		12	13	19.68	19.71	19.75	20.50	
	64QAM	25	0	19.70	19.66	19.76	20.50	
		1	0	19.80	19.72	19.72	20.50	
		1	13	19.74	19.77	19.79	20.50	
		1	24	19.76	19.78	19.72	20.50	
		12	0	19.00	18.87	19.09	19.50	
		12	6	18.93	18.85	18.88	19.50	
		12	13	19.07	18.94	19.06	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
	10MHz	QPSK	1	0	21.56	21.31	21.37	22.50
			1	25	21.66	21.56	21.31	22.50
			1	49	21.48	21.53	21.49	22.50
			25	0	20.66	20.58	20.66	21.50
			25	13	20.68	20.59	20.71	21.50
			25	25	20.79	20.75	20.68	21.50
			50	0	20.79	20.62	20.57	21.50
		16QAM	1	0	20.78	20.78	20.98	21.50
			1	25	20.73	21.08	20.76	21.50
			1	49	21.15	20.82	20.52	21.50
			25	0	19.61	19.68	19.72	20.50
25			13	19.74	19.50	19.74	20.50	
25			25	19.67	19.82	19.80	20.50	
50			0	19.71	19.61	19.72	20.50	
64QAM		1	0	19.77	19.77	19.79	20.50	
		1	25	19.76	19.76	19.78	20.50	
		1	49	19.74	19.71	19.72	20.50	
		25	0	19.06	18.97	19.06	19.50	
		25	13	18.88	18.88	18.83	19.50	
		25	25	18.84	19.04	18.81	19.50	
		50	0	19.06	19.09	18.81	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
	15MHz	QPSK	1	0	21.62	21.47	21.58	22.50
			1	38	21.61	21.55	21.17	22.50
			1	74	21.76	21.72	21.25	22.50
			36	0	20.70	20.64	20.59	21.50
			36	18	20.80	20.64	20.68	21.50
			36	39	20.79	20.77	20.68	21.50
			75	0	20.68	20.63	20.66	21.50
		16QAM	1	0	20.53	20.71	20.71	21.50
			1	38	20.63	21.18	20.26	21.50
			1	74	20.86	21.29	20.65	21.50
			36	0	19.80	19.57	19.59	20.50
36			18	19.71	19.67	19.63	20.50	
36			39	19.78	19.70	19.75	20.50	
75			0	19.74	19.66	19.74	20.50	
64QAM		1	0	19.79	19.78	19.71	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	QPSK	1	38	19.73	19.73	19.74	20.50	
		1	74	19.73	19.77	19.71	20.50	
		36	0	18.81	18.87	18.97	19.50	
		36	18	18.93	18.87	18.91	19.50	
		36	39	18.98	18.91	19.09	19.50	
		75	0	18.96	19.04	18.87	19.50	
		16QAM	1	0	21.46	21.46	21.54	22.50
	1		50	21.67	21.57	20.90	22.50	
	1		99	21.37	21.64	21.22	22.50	
	50		0	20.69	20.59	20.60	21.50	
	50		25	20.79	20.65	20.57	21.50	
	50		50	20.87	20.78	20.69	21.50	
	100		0	20.73	20.55	20.75	21.50	
	64QAM		1	0	20.89	20.68	21.03	21.50
			1	50	20.70	20.86	20.58	21.50
			1	99	20.85	21.05	20.45	21.50
		50	0	19.68	19.59	19.69	20.50	
		50	25	19.74	19.69	19.71	20.50	
		50	50	19.84	19.82	19.63	20.50	
	64QAM	100	0	19.74	19.71	19.57	20.50	
		1	0	19.71	19.76	19.80	20.50	
		1	50	19.74	19.78	19.73	20.50	
		1	99	19.71	19.76	19.74	20.50	
		50	0	18.98	18.82	19.07	19.50	
		50	25	18.93	18.89	18.92	19.50	
		50	50	18.84	18.82	19.00	19.50	
	100	0	19.01	19.01	18.94	19.50		

LTE Band 7 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.78	19.65	19.75	21.00
		1	13	19.92	19.83	19.80	21.00
		1	24	19.91	19.64	19.86	21.00
		12	0	19.17	19.54	19.12	20.00
		12	6	19.41	19.31	19.19	20.00
		12	13	19.52	19.38	19.20	20.00
		25	0	19.35	19.36	19.11	20.00
	16QAM	1	0	19.37	19.35	19.34	20.00
		1	13	19.51	19.26	19.46	20.00
		1	24	19.44	19.40	19.27	20.00
		12	0	18.32	18.87	18.22	19.50
		12	6	18.58	18.86	18.27	19.50
		12	13	18.78	18.93	18.35	19.50
		25	0	18.55	18.85	18.18	19.50
	64QAM	1	0	18.81	18.84	18.88	19.50
		1	13	18.91	18.83	19.03	19.50
		1	24	18.89	18.81	19.01	19.50
		12	0	19.00	18.87	19.09	19.50
		12	6	18.93	18.85	18.88	19.50

Bandwidth	Modulation	12	13	19.07	18.94	19.06	19.50	
		25	0	18.85	18.88	18.93	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
10MHz	QPSK	1	0	19.83	19.66	19.75	21.00	
		1	25	19.73	19.61	19.79	21.00	
		1	49	19.96	19.71	19.74	21.00	
		25	0	19.34	19.23	19.16	20.00	
		25	13	19.43	19.37	19.25	20.00	
		25	25	19.50	19.38	19.16	20.00	
	16QAM	50	0	19.56	19.24	19.08	20.00	
		1	0	19.42	19.48	19.37	20.00	
		1	25	19.53	19.38	19.26	20.00	
		1	49	19.31	19.34	19.35	20.00	
		25	0	18.43	18.68	18.24	19.50	
		25	13	18.81	18.86	18.35	19.50	
	64QAM	25	25	18.99	18.96	18.40	19.50	
		50	0	18.71	18.73	18.19	19.50	
		1	0	18.87	19.10	19.01	19.50	
		1	25	18.97	18.99	18.93	19.50	
		1	49	18.83	19.00	18.85	19.50	
		25	0	19.06	18.97	19.06	19.50	
15MHz	QPSK	25	13	18.88	18.88	18.83	19.50	
		25	25	18.84	19.04	18.81	19.50	
		50	0	19.06	19.09	18.81	19.50	
		1	0	19.90	19.76	19.86	21.00	
		1	38	19.85	19.94	19.86	21.00	
		1	74	19.99	20.09	19.99	21.00	
	16QAM	36	0	19.49	19.32	19.00	20.00	
		36	18	19.56	19.32	19.07	20.00	
		36	39	19.47	19.42	19.25	20.00	
		75	0	19.54	19.43	19.09	20.00	
		1	0	19.41	19.51	19.41	20.00	
		1	38	19.25	19.24	19.08	20.00	
	64QAM	1	74	19.42	19.46	19.30	20.00	
		36	0	18.66	18.80	18.06	19.50	
		36	18	19.01	18.91	18.23	19.50	
		36	39	18.94	18.93	18.37	19.50	
		75	0	18.59	18.94	18.29	19.50	
		1	0	18.84	18.88	19.06	19.50	
20MHz	QPSK	1	38	18.94	19.00	18.97	19.50	
		1	74	19.10	18.96	18.96	19.50	
		36	0	18.81	18.87	18.97	19.50	
		36	18	18.93	18.87	18.91	19.50	
		36	39	18.98	18.91	19.09	19.50	
		75	0	18.96	19.04	18.87	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	20.07	19.82	19.81	21.00
			1	50	20.04	19.91	20.06	21.00
			1	99	20.32	20.31	20.04	21.00
			50	0	19.46	19.33	19.13	20.00
			50	25	19.61	19.36	18.90	20.00

		50	50	19.54	19.53	19.13	20.00
		100	0	19.57	19.36	19.24	20.00
	16QAM	1	0	19.64	19.68	19.51	20.00
		1	50	19.70	19.56	18.60	20.00
		1	99	19.23	19.26	19.28	20.00
		50	0	18.87	18.98	18.16	19.50
		50	25	18.93	18.96	18.08	19.50
		50	50	18.52	19.04	18.22	19.50
		100	0	18.66	18.87	18.29	19.50
	64QAM	1	0	18.92	18.82	18.87	19.50
		1	50	19.06	18.84	18.89	19.50
		1	99	18.97	18.96	19.04	19.50
		50	0	18.98	18.82	19.07	19.50
		50	25	18.93	18.89	18.92	19.50
50		50	18.84	18.82	19.00	19.50	
100		0	19.01	19.01	18.94	19.50	

LTE FDD Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	24.32	24.29	24.34	25.50	
		1	2	24.31	24.35	24.36	25.50	
		1	5	24.24	24.24	24.27	25.50	
		3	0	24.32	24.30	24.35	25.50	
		3	2	24.44	24.39	24.43	25.50	
		3	3	24.33	24.37	24.30	25.50	
	16QAM	6	0	23.45	23.43	23.43	24.50	
		1	0	23.40	23.37	23.39	24.50	
		1	2	23.42	23.51	23.50	24.50	
		1	5	23.46	23.44	23.37	24.50	
		3	0	23.25	23.21	23.31	24.50	
		3	2	23.28	23.34	23.32	24.50	
	64QAM	3	3	23.23	23.27	23.25	24.50	
		6	0	22.38	22.48	22.37	23.50	
		1	0	22.29	22.31	22.33	23.50	
		1	2	22.36	22.32	22.28	23.50	
		1	5	22.30	22.23	22.28	23.50	
		3	0	22.36	22.21	22.30	23.50	
	3MHz	QPSK	3	2	22.28	22.32	22.35	23.50
			3	3	22.32	22.24	22.23	23.50
			6	0	21.40	21.42	21.42	22.50
1			0	24.44	24.39	24.40	25.50	
1			7	24.34	24.41	24.44	25.50	
1			14	24.40	24.45	24.44	25.50	
16QAM	QPSK	8	0	23.52	23.42	23.39	24.50	
		8	4	23.49	23.52	23.47	24.50	
		8	7	23.46	23.46	23.46	24.50	
		15	0	23.46	23.37	23.38	24.50	
		1	0	23.51	23.40	23.47	24.50	
		1	7	23.35	23.51	23.30	24.50	

		1	14	23.53	23.55	23.50	24.50
		8	0	22.48	22.44	22.45	23.50
		8	4	22.56	22.56	22.48	23.50
		8	7	22.48	22.62	22.45	23.50
		15	0	22.45	22.41	22.29	23.50
	64QAM	1	0	22.34	22.24	22.26	23.50
		1	7	22.27	22.21	22.30	23.50
		1	14	22.32	22.29	22.24	23.50
		8	0	21.48	21.47	21.52	22.50
		8	4	21.48	21.49	21.49	22.50
		8	7	21.37	21.58	21.55	22.50
		15	0	21.50	21.37	21.52	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 23035	Channel 23095	Channel 23155	Tune up
5MHz	QPSK	1	0	24.39	24.42	24.34	25.50
		1	13	24.34	24.47	24.46	25.50
		1	24	24.42	24.49	24.39	25.50
		12	0	23.41	23.57	23.42	24.50
		12	6	23.55	23.43	23.44	24.50
		12	13	23.47	23.51	23.51	24.50
		25	0	23.45	23.40	23.48	24.50
	16QAM	1	0	23.28	23.52	23.26	24.50
		1	13	23.62	23.57	23.42	24.50
		1	24	23.39	23.57	23.50	24.50
		12	0	22.52	22.49	22.44	23.50
		12	6	22.56	22.49	22.51	23.50
		12	13	22.57	22.56	22.50	23.50
		25	0	22.55	22.40	22.47	23.50
	64QAM	1	0	22.37	22.33	22.27	23.50
		1	13	22.30	22.25	22.30	23.50
		1	24	22.37	22.24	22.32	23.50
		12	0	21.46	21.56	21.44	22.50
		12	6	21.51	21.56	21.42	22.50
		12	13	21.33	21.37	21.40	22.50
		25	0	21.43	21.45	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	24.30	24.32	24.37	25.50
		1	25	24.29	24.40	24.23	25.50
		1	49	24.40	24.41	24.52	25.50
		25	0	23.42	23.52	23.49	24.50
		25	13	23.59	23.51	23.55	24.50
		25	25	23.57	23.52	23.47	24.50
		50	0	23.55	23.53	23.56	24.50
	16QAM	1	0	23.32	23.39	23.44	24.50
		1	25	23.55	23.50	23.43	24.50
		1	49	23.60	23.40	23.54	24.50
		25	0	22.48	22.52	22.41	23.50
		25	13	22.56	22.54	22.52	23.50
		25	25	22.50	22.43	22.66	23.50
		50	0	22.49	22.43	22.60	23.50
	64QAM	1	0	22.27	22.34	22.36	23.50
		1	25	22.36	22.34	22.37	23.50
		1	49	22.30	22.24	22.21	23.50
		25	0	21.43	21.46	21.41	22.50

		25	13	21.46	21.56	21.57	22.50
		25	25	21.41	21.42	21.57	22.50
		50	0	21.39	21.42	21.55	22.50

LTE Band 13				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.03	24.00	24.02	25.00
		1	13	24.11	24.06	24.19	25.00
		1	24	24.03	24.02	24.09	25.00
		12	0	23.20	23.11	23.11	24.00
		12	6	23.24	23.08	23.11	24.00
		12	13	23.17	23.21	23.19	24.00
		25	0	23.20	23.13	23.07	24.00
	16QAM	1	0	23.26	23.58	23.54	24.00
		1	13	23.38	23.71	23.32	24.00
		1	24	23.43	23.28	23.38	24.00
		12	0	22.16	22.16	22.19	23.00
		12	6	22.20	22.18	22.27	23.00
		12	13	22.26	22.19	22.20	23.00
		25	0	22.22	22.19	22.17	23.00
	64QAM	1	0	22.36	22.22	22.37	23.00
		1	13	22.30	22.30	22.36	23.00
		1	24	22.32	22.33	22.38	23.00
		12	0	21.44	21.44	21.31	22.00
		12	6	21.43	21.37	21.40	22.00
		12	13	21.33	21.40	21.51	22.00
		25	0	21.41	21.45	21.53	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	NA	23230	NA	25.00
		1	25	NA	24.05	NA	25.00
		1	49	NA	24.22	NA	25.00
		25	0	NA	23.16	NA	24.00
		25	13	NA	23.19	NA	24.00
		25	25	NA	23.15	NA	24.00
		50	0	NA	23.18	NA	24.00
	16QAM	1	0	NA	23.46	NA	24.00
		1	25	NA	23.40	NA	24.00
		1	49	NA	23.36	NA	24.00
		25	0	NA	22.15	NA	23.00
		25	13	NA	22.16	NA	23.00
		25	25	NA	22.19	NA	23.00
		50	0	NA	22.12	NA	23.00
	64QAM	1	0	NA	22.34	NA	23.00
		1	25	NA	22.34	NA	23.00
		1	49	NA	22.34	NA	23.00
		25	0	NA	21.52	NA	22.00
		25	13	NA	21.52	NA	22.00
		25	25	NA	21.37	NA	22.00
		50	0	NA	21.55	NA	22.00

LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.37	24.35	24.34	25.50
		1	13	24.48	24.45	24.44	25.50
		1	24	24.49	24.50	24.47	25.50
		12	0	23.43	23.38	23.39	24.50
		12	6	23.57	23.44	23.51	24.50
		12	13	23.49	23.50	23.48	24.50
		25	0	23.48	23.52	23.56	24.50
	16QAM	1	0	23.47	23.42	23.42	24.50
		1	13	23.60	23.58	23.42	24.50
		1	24	23.53	23.58	23.51	24.50
		12	0	22.39	22.45	22.48	23.50
		12	6	22.54	22.49	22.57	23.50
		12	13	22.63	22.51	22.58	23.50
		25	0	22.52	22.53	22.57	23.50
	64QAM	1	0	22.49	22.43	22.51	23.50
		1	13	22.57	22.57	22.52	23.50
		1	24	22.43	22.52	22.53	23.50
		12	0	21.64	21.54	21.60	22.50
		12	6	21.59	21.68	21.70	22.50
		12	13	21.65	21.51	21.69	22.50
		25	0	21.68	21.72	21.60	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	24.32	24.31	24.34	25.50
		1	25	24.39	24.32	24.40	25.50
		1	49	24.30	24.27	24.45	25.50
		25	0	23.42	23.48	23.43	24.50
		25	13	23.63	23.56	23.44	24.50
		25	25	23.57	23.61	23.55	24.50
		50	0	23.49	23.52	23.41	24.50
	16QAM	1	0	23.50	23.53	23.35	24.50
		1	25	23.37	23.55	23.55	24.50
		1	49	23.48	23.45	23.35	24.50
		25	0	22.54	22.43	22.47	23.50
		25	13	22.54	22.49	22.45	23.50
		25	25	22.61	22.48	22.50	23.50
		50	0	22.61	22.46	22.61	23.50
	64QAM	1	0	22.48	22.43	22.41	23.50
		1	25	22.52	22.53	22.56	23.50
		1	49	22.54	22.46	22.45	23.50
		25	0	21.78	21.59	21.59	22.50
		25	13	21.63	21.66	21.76	22.50
		25	25	21.68	21.57	21.64	22.50
		50	0	21.52	21.78	21.71	22.50

LTE Band 38				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	21.62	21.54	21.53	23.00	
		1	13	21.73	21.64	21.63	23.00	
		1	24	21.55	21.62	21.58	23.00	
		12	0	20.79	20.70	20.71	22.00	
		12	6	20.78	20.68	20.76	22.00	
		12	13	20.69	20.69	20.76	22.00	
	16QAM	25	0	20.65	20.66	20.74	22.00	
		1	0	20.77	20.72	20.68	22.00	
		1	13	20.71	20.78	20.79	22.00	
		1	24	20.77	20.80	20.79	22.00	
		12	0	19.76	19.63	19.71	21.00	
		12	6	19.78	19.67	19.76	21.00	
	64QAM	12	13	19.69	19.65	19.66	21.00	
		25	0	19.74	19.68	19.78	21.00	
		1	0	19.80	19.80	19.77	21.00	
		1	13	19.80	19.75	19.77	21.00	
		1	24	19.77	19.75	19.79	21.00	
		12	0	18.92	19.00	18.83	20.00	
	10MHz	QPSK	12	6	18.83	18.89	18.83	20.00
			12	13	18.93	19.07	19.01	20.00
			25	0	18.95	18.86	18.87	20.00
1			0	21.63	21.72	21.60	23.00	
1			25	21.51	21.55	21.59	23.00	
1			49	21.38	21.62	21.70	23.00	
16QAM		25	0	20.56	20.66	20.65	22.00	
		25	13	20.77	20.76	20.73	22.00	
		25	25	20.71	20.74	20.78	22.00	
		50	0	20.75	20.61	20.72	22.00	
		1	0	20.68	20.69	20.69	22.00	
		1	25	20.67	20.70	20.68	22.00	
64QAM		1	49	20.68	20.76	20.77	22.00	
		25	0	19.74	19.67	19.70	21.00	
		25	13	19.65	19.74	19.73	21.00	
		25	25	19.76	19.68	19.78	21.00	
		50	0	19.80	19.66	19.79	21.00	
		1	0	19.72	19.77	19.79	21.00	
15MHz		QPSK	1	25	19.75	19.74	19.72	21.00
			1	49	19.78	19.77	19.72	21.00
			25	0	19.00	18.90	19.09	20.00
	25		13	18.82	19.08	18.83	20.00	
	25		25	18.90	19.02	18.99	20.00	
	50		0	19.10	18.81	19.02	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	21.54	21.49	21.50	23.00	
		1	38	21.45	21.50	21.50	23.00	
		1	74	21.59	21.44	21.49	23.00	

		36	0	20.73	20.60	20.63	22.00
		36	18	20.75	20.69	20.75	22.00
		36	39	20.63	20.72	20.66	22.00
		75	0	20.78	20.72	20.72	22.00
	16QAM	1	0	20.65	20.62	20.71	22.00
		1	38	20.62	20.68	20.66	22.00
		1	74	20.57	20.60	20.68	22.00
		36	0	19.64	19.57	19.65	21.00
		36	18	19.68	19.57	19.72	21.00
		36	39	19.67	19.68	19.75	21.00
	64QAM	75	0	19.79	19.68	19.77	21.00
		1	0	19.79	19.80	19.71	21.00
		1	38	19.75	19.73	19.75	21.00
		1	74	19.79	19.73	19.78	21.00
36		0	18.84	18.99	18.97	20.00	
36		18	18.99	18.89	18.96	20.00	
36		39	18.84	19.04	19.09	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	21.51	21.52	21.60	23.00
		1	50	21.54	21.54	21.51	23.00
		1	99	21.53	21.51	21.52	23.00
		50	0	20.70	20.59	20.67	22.00
		50	25	20.79	20.64	20.73	22.00
		50	50	20.69	20.75	20.75	22.00
		100	0	20.77	20.65	20.72	22.00
	16QAM	1	0	20.72	20.66	20.67	22.00
		1	50	20.58	20.69	20.75	22.00
		1	99	20.71	20.66	20.56	22.00
		50	0	19.69	19.79	19.75	21.00
		50	25	19.73	19.75	19.79	21.00
		50	50	19.73	19.74	19.70	21.00
		100	0	19.82	19.62	19.80	21.00
	64QAM	1	0	19.79	19.79	19.74	21.00
		1	50	19.77	19.74	19.71	21.00
		1	99	19.78	19.80	19.76	21.00
		50	0	18.99	18.99	19.02	20.00
		50	25	18.97	19.08	18.96	20.00
		50	50	18.99	19.09	19.10	20.00
100		0	19.06	18.82	19.02	20.00	

LTE Band 41				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.68	21.66	21.57	21.63	21.74	23.00
		1	13	21.69	21.79	21.61	21.82	21.86	23.00
		1	24	21.62	21.62	21.56	21.78	21.68	23.00
		12	0	20.78	20.84	20.73	20.75	20.89	22.00
		12	6	20.78	20.88	20.68	20.86	20.93	22.00
		12	13	20.79	20.76	20.64	20.87	20.83	22.00
		25	0	20.86	20.82	20.74	20.84	20.84	22.00

	16QAM	1	0	20.72	20.74	20.62	20.89	20.80	22.00
		1	13	20.94	20.92	20.79	20.95	20.92	22.00
		1	24	20.91	20.82	20.79	20.87	20.89	22.00
		12	0	19.81	19.85	19.68	19.83	19.86	21.00
		12	6	19.73	19.74	19.61	19.81	19.89	21.00
		12	13	19.76	19.77	19.63	19.80	19.81	21.00
		25	0	19.81	19.83	19.69	19.83	19.84	21.00
	64QAM	1	0	19.78	19.79	19.69	19.80	19.75	21.00
		1	13	19.73	19.79	19.60	19.80	19.71	21.00
		1	24	19.80	19.76	19.69	19.77	19.75	21.00
		12	0	18.92	19.07	18.80	18.96	18.86	20.00
		12	6	19.05	19.03	19.00	18.82	19.03	20.00
		12	13	18.95	19.08	18.80	18.81	19.05	20.00
		25	0	19.06	18.97	18.99	18.94	18.88	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.69	21.63	21.62	21.60	21.82	23.00
		1	25	21.75	21.76	21.60	21.74	21.76	23.00
		1	49	21.70	21.52	21.61	21.85	21.76	23.00
		25	0	20.78	20.74	20.69	20.74	20.80	22.00
		25	13	20.81	20.88	20.73	20.77	20.96	22.00
		25	25	20.85	20.81	20.71	20.83	20.89	22.00
		50	0	20.89	20.84	20.83	20.88	20.80	22.00
	16QAM	1	0	20.75	20.87	20.66	20.76	20.87	22.00
		1	25	20.79	20.90	20.71	20.85	20.83	22.00
		1	49	20.74	20.69	20.59	20.74	20.70	22.00
		25	0	19.76	19.74	19.63	19.68	19.74	21.00
		25	13	19.78	19.77	19.66	19.81	19.94	21.00
		25	25	19.77	19.69	19.65	19.67	19.84	21.00
		50	0	19.84	19.81	19.78	19.75	19.82	21.00
	64QAM	1	0	19.80	19.74	19.72	19.79	19.79	21.00
		1	25	19.77	19.74	19.66	19.75	19.77	21.00
		1	49	19.73	19.78	19.63	19.72	19.79	21.00
		25	0	19.10	19.07	18.95	19.10	19.00	20.00
		25	13	19.01	18.82	18.86	18.91	18.95	20.00
		25	25	18.91	18.91	18.78	18.81	19.03	20.00
		50	0	18.91	19.01	18.83	18.88	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.62	21.66	21.56	21.67	21.71	23.00
		1	38	21.76	21.62	21.68	21.68	21.68	23.00
		1	74	21.60	21.84	21.47	21.66	21.74	23.00
		36	0	20.73	20.77	20.66	20.83	20.76	22.00
		36	18	20.81	20.76	20.72	20.80	20.72	22.00
		36	39	20.86	20.72	20.78	20.76	20.86	22.00
		75	0	20.88	20.76	20.74	20.88	20.82	22.00
	16QAM	1	0	20.74	20.92	20.61	20.79	20.83	22.00
		1	38	20.80	20.75	20.75	20.74	20.86	22.00
		1	74	20.84	20.76	20.74	20.83	20.87	22.00
		36	0	19.76	19.79	19.62	19.71	19.78	21.00
		36	18	19.78	19.80	19.70	19.73	19.68	21.00
		36	39	19.82	19.78	19.77	19.77	19.83	21.00
		75	0	19.84	19.84	19.76	19.91	19.79	21.00

		1	0	19.71	19.72	19.65	19.74	19.79	21.00
		1	38	19.74	19.71	19.68	19.80	19.76	21.00
		1	74	19.79	19.76	19.65	19.71	19.72	21.00
		36	0	18.91	18.84	18.79	18.98	19.03	20.00
		36	18	19.00	19.01	18.86	18.92	18.98	20.00
		36	39	18.81	18.93	18.72	18.86	18.89	20.00
		75	0	18.82	18.86	18.69	18.83	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	21.68	21.66	21.54	21.82	21.72	23.00
		1	50	21.62	21.59	21.53	21.61	21.70	23.00
		1	99	21.74	21.84	21.67	21.77	21.77	23.00
		50	0	20.75	20.79	20.69	20.76	20.83	22.00
		50	25	20.79	20.88	20.70	20.84	20.84	22.00
		50	50	20.85	20.87	20.74	20.84	20.79	22.00
		100	0	20.84	20.86	20.73	20.87	20.86	22.00
	16QAM	1	0	20.94	20.84	20.79	20.82	21.03	22.00
		1	50	20.78	20.69	20.70	20.83	20.80	22.00
		1	99	20.61	20.88	20.56	20.73	20.75	22.00
		50	0	19.90	19.86	19.79	19.84	19.83	21.00
		50	25	19.88	19.85	19.74	19.86	19.91	21.00
		50	50	19.89	19.92	19.77	19.90	19.82	21.00
		100	0	19.86	19.84	19.76	19.90	19.89	21.00
	64QAM	1	0	19.74	19.73	19.69	19.78	19.74	21.00
		1	50	19.80	19.80	19.69	19.76	19.78	21.00
		1	99	19.78	19.75	19.65	19.73	19.76	21.00
		50	0	18.87	18.89	18.72	19.03	19.08	20.00
		50	25	19.06	18.87	18.98	18.95	18.91	20.00
		50	50	19.02	18.95	18.90	19.00	18.93	20.00
		100	0	19.08	18.88	19.01	18.93	18.82	20.00

LTE Band 66 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.64	20.68	20.83	21.50
		1	2	20.55	20.59	20.74	21.50
		1	5	20.62	20.66	20.81	21.50
		3	0	20.69	20.53	20.67	21.50
		3	1	20.55	20.64	20.79	21.50
		3	3	20.58	20.60	20.75	21.50
		6	0	19.76	19.74	19.91	20.50
	16QAM	1	0	19.72	19.76	19.81	20.50
		1	2	19.78	19.82	19.73	20.50
		1	5	19.70	19.72	19.69	20.50
		3	0	19.69	19.66	19.66	20.50
		3	1	19.65	19.72	19.65	20.50
		3	3	19.73	19.80	19.74	20.50
		6	0	18.82	18.92	18.84	19.50
	64QAM	1	0	18.88	18.92	19.05	19.50
		1	2	18.98	18.88	18.99	19.50
		1	5	18.93	18.88	18.84	19.50

		3	0	19.03	18.98	18.87	19.50
		3	1	18.97	18.93	18.92	19.50
		3	3	18.84	18.85	19.05	19.50
		6	0	18.04	17.84	18.00	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.79	20.83	20.86	21.50
		1	7	20.70	20.74	20.77	21.50
		1	14	20.77	20.81	20.84	21.50
		8	0	19.71	19.75	19.78	20.50
		8	4	19.81	19.85	19.88	20.50
		8	7	19.79	19.80	19.83	20.50
		15	0	19.88	19.89	19.94	20.50
	16QAM	1	0	19.84	19.87	19.88	20.50
		1	7	19.90	19.93	19.87	20.50
		1	14	19.82	19.84	19.81	20.50
		8	0	18.86	18.88	18.85	19.50
		8	4	18.81	18.91	18.83	19.50
		8	7	18.83	18.93	18.85	19.50
		15	0	18.84	18.94	18.86	19.50
	64QAM	1	0	18.85	18.98	18.85	19.50
		1	7	18.89	18.94	18.95	19.50
		1	14	19.04	18.87	18.89	19.50
		8	0	17.96	17.85	17.89	18.50
		8	4	18.03	18.02	17.85	18.50
		8	7	17.94	18.00	17.87	18.50
		15	0	17.84	17.94	17.89	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.74	20.76	20.83	21.50
		1	13	20.65	20.67	20.74	21.50
		1	24	20.72	20.74	20.81	21.50
		12	0	19.66	19.68	19.75	20.50
		12	6	19.76	19.78	19.85	20.50
		12	13	19.74	19.73	19.80	20.50
		25	0	19.83	19.82	19.91	20.50
	16QAM	1	0	19.79	19.82	19.83	20.50
		1	13	19.85	19.88	19.82	20.50
		1	24	19.77	19.79	19.76	20.50
		12	0	18.81	18.83	18.80	19.50
		12	6	18.76	18.86	18.78	19.50
		12	13	18.81	18.91	18.83	19.50
		25	0	18.82	18.92	18.84	19.50
	64QAM	1	0	18.95	18.99	18.96	19.50
		1	13	18.94	18.94	18.86	19.50
		1	24	18.85	18.99	19.03	19.50
		12	0	17.89	18.03	17.94	18.50
		12	6	17.86	17.86	17.98	18.50
		12	13	18.01	18.05	17.85	18.50
		25	0	18.04	17.97	17.94	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.84	20.84	20.83	21.50
		1	25	20.75	20.75	20.74	21.50
		1	49	20.82	20.82	20.81	21.50

64QAM	50	50	18.83	18.93	18.85	19.50
	100	0	18.84	18.94	18.86	19.50
	1	0	18.87	18.88	19.01	19.50
	1	50	19.00	18.86	18.86	19.50
	1	99	19.04	18.84	18.99	19.50
	50	0	17.84	17.93	17.92	18.50
	50	25	17.86	17.89	17.93	18.50
	50	50	17.94	17.91	17.95	18.50
	100	0	17.96	17.99	18.02	18.50

LTE Band 66 Hotspot on&Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	19.28	19.49	19.32	20.50	
		1	2	19.18	19.34	19.22	20.50	
		1	5	19.31	19.47	19.35	20.50	
		3	0	19.22	19.38	19.26	20.50	
		3	1	19.26	19.42	19.30	20.50	
		3	3	19.33	19.36	19.31	20.50	
	16QAM	6	0	19.21	19.37	19.19	20.50	
		1	0	19.44	19.45	19.42	20.50	
		1	2	19.29	19.24	19.33	20.50	
		1	5	19.15	19.30	19.15	20.50	
		3	0	19.20	19.33	19.20	20.50	
		3	1	19.18	19.35	19.18	20.50	
	64QAM	3	3	19.19	19.46	19.19	20.50	
		6	0	18.21	18.28	18.22	19.50	
		1	0	18.88	18.92	19.05	19.50	
		1	2	18.98	18.88	18.99	19.50	
		1	5	18.93	18.88	18.84	19.50	
		3	0	19.03	18.98	18.87	19.50	
	3MHz	QPSK	3	1	18.97	18.93	18.92	19.50
			3	3	18.84	18.85	19.05	19.50
			6	0	18.04	17.84	18.00	18.50
1			0	19.50	19.32	19.42	20.50	
1			7	19.41	19.42	19.31	20.50	
1			14	19.27	19.35	19.17	20.50	
16QAM		8	0	19.28	19.30	19.26	20.50	
		8	4	19.32	19.34	19.30	20.50	
		8	7	19.39	19.41	19.31	20.50	
		15	0	19.27	19.24	19.19	20.50	
		1	0	19.33	19.36	19.32	20.50	
		1	7	19.23	19.26	19.22	20.50	
64QAM		1	14	19.36	19.39	19.35	20.50	
		8	0	18.32	18.38	18.22	19.50	
		8	4	18.26	18.40	18.20	19.50	
		8	7	18.27	18.51	18.21	19.50	
		15	0	18.29	18.33	18.24	19.50	
		1	0	18.85	18.98	18.85	19.50	
5MHz		QPSK	1	7	18.89	18.94	18.95	19.50
			1	14	19.04	18.87	18.89	19.50
			8	0	17.96	17.85	17.89	18.50
	8		4	18.03	18.02	17.85	18.50	
	8		7	17.94	18.00	17.87	18.50	
	15		0	17.84	17.94	17.89	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
5MHz	QPSK	1	0	19.46	19.40	19.43	20.50	
		1	13	19.34	19.50	19.34	20.50	

		1	24	19.20	19.34	19.18	20.50		
		12	0	19.24	19.33	19.27	20.50		
		12	6	19.28	19.37	19.31	20.50		
		12	13	19.35	19.44	19.32	20.50		
		25	0	19.23	19.32	19.20	20.50		
	16QAM	1	0	19.30	19.39	19.33	20.50		
		1	13	19.20	19.29	19.23	20.50		
		1	24	19.33	19.42	19.36	20.50		
		12	0	18.25	18.37	18.23	19.50		
		12	6	18.23	18.39	18.21	19.50		
	64QAM	12	13	18.24	18.50	18.22	19.50		
		25	0	18.26	18.32	18.25	19.50		
		1	0	18.95	18.99	18.96	19.50		
		1	13	18.94	18.94	18.86	19.50		
		1	24	18.85	18.99	19.03	19.50		
	12	0	17.89	18.03	17.94	18.50			
	12	6	17.86	17.86	17.98	18.50			
	12	13	18.01	18.05	17.85	18.50			
	25	0	18.04	17.97	17.94	18.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132022	132322	132622			
10MHz	QPSK	1	0	19.39	19.30	19.40	20.50		
		1	25	19.30	19.40	19.28	20.50		
		1	49	19.16	19.33	19.14	20.50		
		25	0	19.25	19.23	19.24	20.50		
		25	13	19.29	19.27	19.28	20.50		
		25	25	19.36	19.34	19.29	20.50		
	16QAM	50	0	19.24	19.22	19.17	20.50		
		1	0	19.31	19.29	19.30	20.50		
		1	25	19.21	19.19	19.20	20.50		
		1	49	19.34	19.32	19.33	20.50		
		25	0	18.21	18.33	18.19	19.50		
		25	13	18.19	18.35	18.17	19.50		
	64QAM	25	25	18.20	18.46	18.18	19.50		
		50	0	18.22	18.28	18.21	19.50		
		1	0	18.95	18.92	18.95	19.50		
		1	25	18.87	18.93	18.94	19.50		
		1	49	18.98	18.89	18.89	19.50		
		25	0	17.98	18.04	17.98	18.50		
		25	13	17.91	18.05	17.89	18.50		
		25	25	17.91	17.95	17.85	18.50		
		25	0	18.05	18.01	17.97	18.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132047	132322	132597	
		15MHz	QPSK	1	0	19.48	19.37	19.41	20.50
1	38			19.36	19.47	19.30	20.50		
1	74			19.22	19.31	19.14	20.50		
36	0			19.26	19.35	19.25	20.50		
36	18			19.30	19.39	19.29	20.50		
36	39			19.37	19.46	19.30	20.50		
75	0			19.25	19.29	19.18	20.50		
16QAM	1		0	19.31	19.41	19.31	20.50		
	1		38	19.21	19.31	19.21	20.50		
	1		74	19.34	19.44	19.34	20.50		
	36		0	18.27	18.34	18.19	19.50		
	36		18	18.21	18.36	18.17	19.50		
	36		39	18.22	18.47	18.18	19.50		
	75		0	18.24	18.29	18.21	19.50		
64QAM	1		0	18.95	18.98	18.97	19.50		
	1		38	19.02	18.89	19.03	19.50		
	1		74	19.02	18.90	18.84	19.50		
	36		0	17.87	17.87	18.05	18.50		
	36		18	18.04	18.00	17.95	18.50		
	36		39	17.90	17.98	17.88	18.50		
	75		0	17.96	17.92	17.85	18.50		
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel	Tune up	
					132072	132322	132572		

20MHz	QPSK	1	0	19.48	19.35	19.44	20.50
		1	50	19.39	19.45	19.35	20.50
		1	99	19.25	19.38	19.21	20.50
		50	0	19.26	19.28	19.28	20.50
		50	25	19.30	19.40	19.32	20.50
		50	50	19.37	19.39	19.33	20.50
	16QAM	100	0	19.25	19.27	19.21	20.50
		1	0	19.32	19.34	19.34	20.50
		1	50	19.22	19.24	19.24	20.50
		1	99	19.35	19.37	19.37	20.50
		50	0	18.30	18.41	18.26	19.50
		50	25	18.28	18.43	18.24	19.50
	64QAM	50	50	18.29	18.54	18.25	19.50
		100	0	18.31	18.36	18.28	19.50
		1	0	18.87	18.88	19.01	19.50
		1	50	19.00	18.86	18.86	19.50
		1	99	19.04	18.84	18.99	19.50
		50	0	17.84	17.93	17.92	18.50
		50	25	17.86	17.89	17.93	18.50
		50	50	17.94	17.91	17.95	18.50
	100	0	17.96	17.99	18.02	18.50	

Table 3: Conducted Power of LTE

2 Conducted Power of Main Antenna(Ant2)

2.1 Conducted Power of GSM

GSM 1900										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	30.54	30.58	30.56	31.00	-9.19	21.35	21.39	21.37	21.81
GPRS/EGPRS(GMSK)	1 TX Slot	30.60	30.56	30.55	31.00	-9.19	21.41	21.37	21.36	21.81
	2 TX Slots	27.21	27.28	27.04	28.00	-6.18	21.03	21.1	20.86	21.82
	3 TX Slots	25.25	25.30	25.11	26.00	-4.42	20.83	20.88	20.69	21.58
	4 TX Slots	24.22	24.13	24.00	25.00	-3.17	21.05	20.96	20.83	21.83
EGPRS(8PSK)	1 TX Slot	26.04	26.12	25.94	27.00	-9.19	16.85	16.93	16.75	17.81
	2 TX Slots	23.53	23.60	23.51	24.00	-6.18	17.35	17.42	17.33	17.82
	3 TX Slots	21.75	21.85	21.51	22.00	-4.42	17.33	17.43	17.09	17.58
	4 TX Slots	20.30	20.18	20.12	21.00	-3.17	17.13	17.01	16.95	17.83

Table 4: Conducted Power of GSM

2.2 Conducted Power of WCDMA

WCDMA Band II Hotspot off/Sensor off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.08	24.15	24.17	25.00
	12.2kbps AMR	24.01	24.05	24.08	25.00
HSDPA	Subtest 1	23.48	23.35	23.38	24.00
	Subtest 2	23.27	23.39	23.26	24.00
	Subtest 3	22.99	22.94	23.14	23.50
	Subtest 4	22.81	22.75	22.70	23.50
HSUPA	Subtest 1	23.48	23.48	23.30	24.00
	Subtest 2	21.31	21.22	21.19	22.00
	Subtest 3	21.47	22.15	22.29	23.00
	Subtest 4	21.30	20.69	20.98	22.00
	Subtest 5	23.46	23.25	23.29	24.00
HSDPA	Subtest 1	23.43	23.31	23.31	24.00
	Subtest 2	23.39	23.36	23.22	24.00

	Subtest 3	22.79	22.90	23.00	23.50
	Subtest 4	23.00	22.79	22.76	23.50

WCDMA Band II Hotspot on/Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.21	20.23	20.18	21.00
	12.2kbps AMR	20.09	20.14	20.05	21.00
HSDPA	Subtest 1	19.46	19.33	19.42	20.00
	Subtest 2	19.31	19.38	19.26	20.00
	Subtest 3	18.99	18.92	19.10	19.50
	Subtest 4	18.86	18.70	18.70	19.50
HSUPA	Subtest 1	19.46	19.49	19.30	20.00
	Subtest 2	17.29	17.25	17.20	18.00
	Subtest 3	17.52	18.17	18.28	19.00
	Subtest 4	17.29	16.73	16.97	18.00
HSDPA	Subtest 5	19.43	19.23	19.27	20.00
	Subtest 1	19.40	19.30	19.27	20.00
	Subtest 2	19.38	19.34	19.20	20.00
	Subtest 3	18.78	18.88	18.98	19.50
	Subtest 4	19.02	18.77	18.73	19.50

WCDMA Band IV Hotspot off/Sensor off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	24.07	24.23	24.19	25.00
	12.2kbps AMR	24.01	24.12	24.09	25.00
HSDPA	Subtest 1	23.25	23.35	23.17	24.00
	Subtest 2	23.05	23.41	23.04	24.00
	Subtest 3	22.78	22.91	22.86	23.50
	Subtest 4	22.59	22.72	22.44	23.50
HSUPA	Subtest 1	23.21	23.45	23.00	24.00
	Subtest 2	21.06	21.26	20.96	22.00
	Subtest 3	21.27	22.19	22.06	23.00
	Subtest 4	21.05	20.71	20.72	22.00
	Subtest 5	23.21	23.27	23.01	24.00
HSDPA	Subtest 1	23.17	23.33	23.05	24.00
	Subtest 2	23.16	23.32	22.94	24.00
	Subtest 3	22.52	22.90	22.73	23.50
	Subtest 4	22.72	22.79	22.49	23.50

WCDMA Band IV Hotspot on&Sensor on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.66	20.70	20.64	21.50
	12.2kbps AMR	20.60	20.67	20.65	21.50
HSDPA	Subtest 1	19.72	19.58	19.63	20.50
	Subtest 2	19.56	19.64	19.55	20.50
	Subtest 3	19.29	19.18	19.39	20.00
	Subtest 4	19.10	18.96	18.98	20.00

HSUPA	Subtest 1	19.76	19.73	19.51	20.50
	Subtest 2	17.53	17.51	17.47	18.50
	Subtest 3	17.74	18.43	18.58	19.50
	Subtest 4	17.54	16.94	17.20	18.50
	Subtest 5	19.68	19.48	19.53	20.50
HSDPA	Subtest 1	19.65	19.59	19.52	20.50
	Subtest 2	19.63	19.62	19.47	20.50
	Subtest 3	19.02	19.12	19.22	20.00
	Subtest 4	19.24	19.02	18.98	20.00

Table 5: Conducted Power of WCDMA

2.3 Conducted Power of LTE

LTE Band 2 Hotspot off&Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	24.45	24.56	24.40	25.50	
		1	2	24.55	24.57	24.49	25.50	
		1	5	24.55	24.51	24.42	25.50	
		3	0	24.50	24.54	24.51	25.50	
		3	2	24.63	24.58	24.53	25.50	
		3	3	24.56	24.55	24.44	25.50	
	16QAM	6	0	23.63	23.63	23.65	24.50	
		1	0	24.05	24.09	24.03	24.50	
		1	2	23.84	23.80	23.84	24.50	
		1	5	23.65	23.84	24.03	24.50	
		3	0	23.71	23.63	23.67	24.50	
		3	2	23.74	23.67	23.52	24.50	
	64QAM	3	3	23.61	23.68	23.52	24.50	
		6	0	22.76	22.77	22.67	23.50	
		1	0	22.70	22.70	22.71	23.50	
		1	2	22.71	22.63	22.57	23.50	
		1	5	22.64	22.60	22.59	23.50	
		3	0	22.61	22.68	22.61	23.50	
	3MHz	QPSK	3	2	22.65	22.63	22.59	23.50
			3	3	22.57	22.56	22.59	23.50
			6	0	21.85	21.87	21.67	22.50
			1	0	24.67	24.44	24.50	25.50
			1	7	24.61	24.64	24.64	25.50
			1	14	24.66	24.66	24.42	25.50
16QAM		8	0	23.67	23.65	23.65	24.50	
		8	4	23.78	23.74	23.61	24.50	
		8	7	23.77	23.70	23.72	24.50	
		15	0	23.72	23.66	23.68	24.50	
		1	0	23.88	23.73	23.95	24.50	
		1	7	23.86	23.96	23.92	24.50	
16QAM	1	14	23.84	24.16	23.71	24.50		
	8	0	22.75	22.70	22.60	23.50		
	8	4	22.69	22.75	22.79	23.50		
	8	7	22.79	22.80	22.91	23.50		
	8	0	22.75	22.70	22.60	23.50		
	8	4	22.69	22.75	22.79	23.50		

		15	0	22.80	22.72	22.70	23.50
	64QAM	1	0	22.67	22.73	22.56	23.50
		1	7	22.63	22.64	22.60	23.50
		1	14	22.66	22.64	22.73	23.50
		8	0	21.80	21.85	21.74	22.50
		8	4	21.73	21.68	21.72	22.50
		8	7	21.77	21.92	21.86	22.50
		15	0	21.79	21.93	21.72	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	24.48	24.52	24.45	25.50
		1	13	24.63	24.72	24.66	25.50
		1	24	24.69	24.69	24.39	25.50
		12	0	23.68	23.61	23.63	24.50
		12	6	23.69	23.66	23.71	24.50
		12	13	23.74	23.71	23.66	24.50
		25	0	23.71	23.67	23.75	24.50
	16QAM	1	0	24.06	24.17	23.99	24.50
		1	13	23.60	23.69	23.88	24.50
		1	24	23.79	23.90	23.73	24.50
		12	0	22.69	22.63	22.69	23.50
		12	6	22.75	22.66	22.80	23.50
		12	13	22.71	22.75	22.75	23.50
		25	0	22.68	22.69	22.69	23.50
	64QAM	1	0	22.62	22.60	22.60	23.50
		1	13	22.58	22.70	22.63	23.50
		1	24	22.65	22.69	22.68	23.50
		12	0	21.72	21.89	21.89	22.50
		12	6	21.74	21.82	21.91	22.50
		12	13	21.75	21.76	21.80	22.50
		25	0	21.90	21.91	21.74	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	24.53	24.66	24.47	25.50
		1	25	24.48	24.45	24.71	25.50
		1	49	24.49	24.66	24.53	25.50
		25	0	23.61	23.63	23.58	24.50
		25	13	23.77	23.73	23.75	24.50
		25	25	23.78	23.82	23.76	24.50
		50	0	23.81	23.67	23.65	24.50
	16QAM	1	0	23.66	23.61	24.21	24.50
		1	25	23.92	23.92	23.95	24.50
		1	49	23.97	24.18	23.68	24.50
		25	0	22.59	22.67	22.65	23.50
		25	13	22.76	22.79	22.67	23.50
		25	25	22.71	22.66	22.74	23.50
		50	0	22.77	22.66	22.60	23.50
	64QAM	1	0	22.57	22.68	22.62	23.50
		1	25	22.63	22.72	22.61	23.50
		1	49	22.70	22.59	22.59	23.50
		25	0	21.82	21.77	21.66	22.50
		25	13	21.76	21.75	21.86	22.50
		25	25	21.83	21.71	21.67	22.50
		50	0	21.86	21.81	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18675	18900	19125	
				Channel	Channel	Channel	
15MHz	QPSK	1	0	24.55	24.57	24.55	25.50
		1	38	24.63	24.55	24.53	25.50
		1	74	24.74	24.56	24.39	25.50
		36	0	23.65	23.70	23.63	24.50
		36	18	23.80	23.75	23.66	24.50
		36	39	23.71	23.80	23.76	24.50
		75	0	23.76	23.63	23.66	24.50
	16QAM	1	0	23.82	23.63	24.12	24.50
		1	38	24.27	24.10	23.89	24.50
		1	74	23.81	24.16	23.72	24.50
		36	0	22.69	22.71	22.71	23.50
		36	18	22.83	22.75	22.68	23.50
		36	39	22.90	22.84	22.80	23.50
		75	0	22.77	22.64	22.68	23.50
	64QAM	1	0	22.57	22.71	22.57	23.50
		1	38	22.58	22.57	22.71	23.50
		1	74	22.58	22.71	22.73	23.50
		36	0	21.93	21.70	21.78	22.50
		36	18	21.77	21.73	21.91	22.50
		36	39	21.89	21.82	21.83	22.50
		75	0	21.85	21.83	21.66	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	24.99	24.50	24.92	25.50
		1	50	24.61	24.95	24.60	25.50
		1	99	24.59	24.43	24.57	25.50
		50	0	23.59	23.78	23.60	24.50
		50	25	23.74	23.64	23.81	24.50
		50	50	23.81	23.74	23.77	24.50
		100	0	23.82	23.63	23.81	24.50
	16QAM	1	0	23.73	23.88	24.00	24.50
		1	50	23.73	24.14	23.81	24.50
		1	99	23.79	23.81	23.81	24.50
		50	0	22.78	22.55	22.72	23.50
		50	25	22.89	22.69	22.82	23.50
		50	50	22.71	22.78	22.73	23.50
		100	0	22.75	22.69	22.80	23.50
	64QAM	1	0	22.58	22.67	22.70	23.50
		1	50	22.61	22.57	22.66	23.50
		1	99	22.58	22.57	22.65	23.50
		50	0	21.75	21.86	21.82	22.50
		50	25	21.85	21.85	21.88	22.50
		50	50	21.91	21.92	21.71	22.50
		100	0	21.78	21.72	21.75	22.50

LTE Band 2 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.67	20.79	20.79	21.00
		1	2	20.63	20.55	20.38	21.00
		1	5	20.64	20.88	20.83	21.00

		3	0	20.50	20.58	20.48	21.00	
		3	2	20.56	20.52	20.55	21.00	
		3	3	20.57	20.66	20.62	21.00	
		6	0	20.57	20.65	20.57	21.00	
		1	0	20.39	20.44	20.37	21.00	
		1	2	20.22	20.54	20.31	21.00	
	16QAM	1	5	20.35	20.47	20.43	21.00	
		3	0	20.49	20.56	20.44	21.00	
		3	2	20.53	20.48	20.53	21.00	
		3	3	20.57	20.53	20.69	21.00	
		6	0	20.54	20.46	20.54	21.00	
		1	0	20.49	20.45	20.27	21.00	
	64QAM	1	2	20.32	20.26	20.28	21.00	
		1	5	20.34	20.46	20.39	21.00	
		3	0	20.41	20.33	20.32	21.00	
		3	2	20.50	20.26	20.49	21.00	
		3	3	20.44	20.48	20.49	21.00	
		6	0	20.34	20.48	20.44	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18615	18900	19185		
3MHz	QPSK	1	0	20.64	20.60	20.99	21.00	
		1	7	20.81	20.78	20.58	21.00	
		1	14	20.75	20.73	20.64	21.00	
		8	0	20.48	20.49	20.38	21.00	
		8	4	20.50	20.68	20.58	21.00	
		8	7	20.57	20.63	20.68	21.00	
		15	0	20.49	20.64	20.41	21.00	
	16QAM	1	0	20.44	20.56	20.43	21.00	
		1	7	20.33	20.56	20.44	21.00	
		1	14	20.45	20.32	20.43	21.00	
		8	0	20.49	20.37	20.39	21.00	
		8	4	20.63	20.59	20.54	21.00	
		8	7	20.61	20.60	20.57	21.00	
		15	0	20.56	20.41	20.47	21.00	
	64QAM	1	0	20.47	20.44	20.27	21.00	
		1	7	20.46	20.28	20.49	21.00	
		1	14	20.34	20.41	20.41	21.00	
		8	0	20.43	20.32	20.34	21.00	
		8	4	20.43	20.42	20.34	21.00	
		8	7	20.37	20.35	20.40	21.00	
		15	0	20.25	20.27	20.45	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18625	18900	19175	
	5MHz	QPSK	1	0	20.92	20.93	20.79	21.00
1			13	20.67	20.54	20.57	21.00	
1			24	20.73	20.47	20.99	21.00	
12			0	20.56	20.45	20.45	21.00	
12			6	20.60	20.52	20.60	21.00	
12			13	20.54	20.61	20.53	21.00	
25			0	20.61	20.49	20.55	21.00	
16QAM		1	0	20.32	20.42	20.40	21.00	
		1	13	20.44	20.60	20.55	21.00	
		1	24	20.49	20.54	20.53	21.00	
		12	0	20.57	20.52	20.49	21.00	
		12	6	20.60	20.54	20.69	21.00	

		12	13	20.67	20.63	20.61	21.00
		25	0	20.50	20.52	20.57	21.00
	64QAM	1	0	20.29	20.34	20.49	21.00
		1	13	20.37	20.26	20.35	21.00
		1	24	20.43	20.41	20.47	21.00
		12	0	20.34	20.41	20.41	21.00
		12	6	20.44	20.25	20.26	21.00
		12	13	20.30	20.47	20.30	21.00
		25	0	20.36	20.38	20.45	21.00
Bandwidth		Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150
10MHz	QPSK	1	0	20.66	21.00	21.00	21.00
		1	25	20.86	20.73	20.59	21.00
		1	49	20.80	20.77	20.67	21.00
		25	0	20.50	20.44	20.39	21.00
		25	13	20.52	20.63	20.59	21.00
		25	25	20.59	20.58	20.69	21.00
		50	0	20.51	20.59	20.42	21.00
	16QAM	1	0	20.46	20.51	20.44	21.00
		1	25	20.35	20.51	20.45	21.00
		1	49	20.47	20.27	20.44	21.00
		25	0	20.54	20.41	20.42	21.00
		25	13	20.68	20.63	20.57	21.00
		25	25	20.66	20.64	20.60	21.00
		50	0	20.61	20.45	20.50	21.00
	64QAM	1	0	20.25	20.28	20.34	21.00
		1	25	20.46	20.27	20.37	21.00
		1	49	20.43	20.45	20.48	21.00
		25	0	20.41	20.35	20.36	21.00
		25	13	20.37	20.46	20.29	21.00
		25	25	20.34	20.30	20.36	21.00
		50	0	20.33	20.43	20.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	20.63	20.65	20.73	21.00
		1	38	20.70	20.42	20.68	21.00
		1	74	20.96	20.69	20.96	21.00
		36	0	20.50	20.54	20.48	21.00
		36	18	20.59	20.55	20.48	21.00
		36	39	20.58	20.62	20.59	21.00
		75	0	20.61	20.50	20.46	21.00
	16QAM	1	0	20.39	20.56	20.40	21.00
		1	38	20.45	20.28	20.45	21.00
		1	74	20.41	20.43	20.49	21.00
		36	0	20.54	20.65	20.49	21.00
		36	18	20.64	20.65	20.59	21.00
		36	39	20.66	20.58	20.64	21.00
		75	0	20.67	20.51	20.55	21.00
	64QAM	1	0	20.37	20.30	20.41	21.00
		1	38	20.30	20.26	20.43	21.00
		1	74	20.43	20.47	20.39	21.00
		36	0	20.25	20.40	20.38	21.00
		36	18	20.36	20.45	20.28	21.00
		36	39	20.25	20.27	20.41	21.00
		75	0	20.44	20.39	20.25	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.64	20.74	20.80	21.00
		1	50	20.68	20.50	20.39	21.00
		1	99	20.69	20.56	20.86	21.00
		50	0	20.52	20.53	20.49	21.00
		50	25	20.58	20.47	20.56	21.00
		50	50	20.59	20.61	20.63	21.00
		100	0	20.59	20.60	20.58	21.00
	16QAM	1	0	20.41	20.39	20.38	21.00
		1	50	20.24	20.49	20.32	21.00
		1	99	20.37	20.42	20.44	21.00
		50	0	20.54	20.60	20.47	21.00
		50	25	20.58	20.52	20.56	21.00
		50	50	20.62	20.57	20.72	21.00
		100	0	20.59	20.50	20.57	21.00
	64QAM	1	0	20.29	20.47	20.25	21.00
		1	50	20.43	20.41	20.41	21.00
		1	99	20.38	20.31	20.40	21.00
		50	0	20.45	20.28	20.35	21.00
		50	25	20.41	20.42	20.41	21.00
		50	50	20.46	20.46	20.47	21.00
		100	0	20.32	20.49	20.40	21.00

LTE Band 4 Sensor off&Hotspot off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	24.44	24.59	24.48	25.50	
		1	2	24.61	24.66	24.56	25.50	
		1	5	24.54	24.58	24.53	25.50	
		3	0	24.54	24.56	24.50	25.50	
		3	2	24.63	24.67	24.58	25.50	
		3	3	24.55	24.54	24.53	25.50	
		6	0	23.58	23.68	23.62	24.50	
	16QAM	1	0	24.19	23.51	23.64	24.50	
		1	2	23.84	23.97	23.91	24.50	
		1	5	24.01	23.55	23.68	24.50	
		3	0	23.73	23.57	23.70	24.50	
		3	2	23.54	23.62	23.58	24.50	
		3	3	23.64	23.66	23.57	24.50	
		6	0	22.62	22.61	22.71	23.50	
	64QAM	1	0	22.69	22.58	22.57	23.50	
		1	2	22.66	22.70	22.56	23.50	
		1	5	22.58	22.64	22.71	23.50	
		3	0	22.71	22.66	22.60	23.50	
		3	2	22.56	22.60	22.61	23.50	
		3	3	22.67	22.59	22.69	23.50	
		6	0	21.78	21.82	21.90	22.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	24.52	24.55	24.56	25.50
			1	7	24.58	24.61	24.59	25.50

		1	14	24.63	24.65	24.61	25.50		
		8	0	23.74	23.72	23.65	24.50		
		8	4	23.71	23.71	23.65	24.50		
		8	7	23.70	23.77	23.74	24.50		
		15	0	23.68	23.65	23.66	24.50		
	16QAM	1	0	23.74	24.13	23.83	24.50		
		1	7	24.12	24.20	23.85	24.50		
		1	14	23.56	24.11	23.91	24.50		
		8	0	22.62	22.80	22.70	23.50		
		8	4	22.81	22.77	22.79	23.50		
	64QAM	8	7	22.69	22.84	22.85	23.50		
		15	0	22.79	22.71	22.58	23.50		
		1	0	22.61	22.68	22.73	23.50		
		1	7	22.67	22.64	22.60	23.50		
		1	14	22.56	22.70	22.66	23.50		
	8	0	21.72	21.73	21.89	22.50			
	8	4	21.88	21.80	21.82	22.50			
	8	7	21.92	21.77	21.69	22.50			
	15	0	21.85	21.73	21.83	22.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375			
5MHz	QPSK	1	0	24.49	24.75	24.48	25.50		
		1	13	24.75	24.63	24.68	25.50		
		1	24	24.63	24.79	24.58	25.50		
		12	0	23.74	23.67	23.62	24.50		
		12	6	23.77	23.74	23.71	24.50		
		12	13	23.77	23.79	23.70	24.50		
	16QAM	25	0	23.73	23.69	23.68	24.50		
		1	0	23.72	23.86	24.19	24.50		
		1	13	24.23	24.00	23.70	24.50		
		1	24	23.85	23.91	23.96	24.50		
		12	0	22.67	22.71	22.66	23.50		
		12	6	22.80	22.75	22.81	23.50		
	64QAM	12	13	22.75	22.82	22.78	23.50		
		25	0	22.69	22.78	22.78	23.50		
		1	0	22.61	22.58	22.65	23.50		
		1	13	22.60	22.62	22.63	23.50		
		1	24	22.70	22.69	22.62	23.50		
		12	0	21.86	21.75	21.71	22.50		
		12	6	21.83	21.72	21.86	22.50		
		12	13	21.86	21.93	21.87	22.50		
		25	0	21.85	21.67	21.74	22.50		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350	
		10MHz	QPSK	1	0	24.40	24.65	24.75	25.50
1	25			24.69	24.66	24.61	25.50		
1	49			24.72	24.55	24.63	25.50		
25	0			23.63	23.73	23.65	24.50		
25	13			23.79	23.74	23.72	24.50		
25	25			23.75	23.72	23.76	24.50		
16QAM	50		0	23.78	23.71	23.78	24.50		
	1		0	23.80	23.80	24.36	24.50		
	1		25	24.19	24.12	24.30	24.50		
	1		49	24.27	24.25	23.92	24.50		
		25	0	22.76	22.73	22.69	23.50		

		25	13	22.71	22.70	22.66	23.50
		25	25	22.78	22.84	22.86	23.50
		50	0	22.75	22.72	22.67	23.50
	64QAM	1	0	22.66	22.73	22.73	23.50
		1	25	22.65	22.56	22.63	23.50
		1	49	22.70	22.68	22.70	23.50
		25	0	21.66	21.91	21.81	22.50
		25	13	21.70	21.70	21.71	22.50
		25	25	21.78	21.88	21.89	22.50
50	0	21.66	21.90	21.90	22.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	24.67	24.67	24.74	25.50
		1	38	24.53	24.60	24.61	25.50
		1	74	24.63	24.59	24.59	25.50
		36	0	23.70	23.74	23.75	24.50
		36	18	23.73	23.74	23.82	24.50
		36	39	23.63	23.73	23.66	24.50
		75	0	23.76	23.67	23.79	24.50
	16QAM	1	0	24.10	24.05	24.06	24.50
		1	38	23.80	23.79	23.91	24.50
		1	74	23.78	23.90	23.71	24.50
		36	0	22.72	22.81	22.76	23.50
		36	18	22.79	22.68	22.70	23.50
		36	39	22.64	22.76	22.70	23.50
		75	0	22.85	22.70	22.85	23.50
	64QAM	1	0	22.56	22.64	22.61	23.50
		1	38	22.61	22.68	22.57	23.50
		1	74	22.64	22.60	22.60	23.50
		36	0	21.88	21.93	21.70	22.50
		36	18	21.87	21.70	21.91	22.50
		36	39	21.73	21.78	21.67	22.50
		75	0	21.71	21.93	21.89	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	24.66	24.62	24.69	25.50
		1	50	24.55	24.56	24.62	25.50
		1	99	24.58	24.61	24.57	25.50
		50	0	23.69	23.81	23.67	24.50
		50	25	23.78	23.85	23.59	24.50
		50	50	23.70	23.68	23.65	24.50
		100	0	23.74	23.68	23.78	24.50
	16QAM	1	0	24.23	24.47	24.12	24.50
		1	50	23.91	23.75	23.86	24.50
		1	99	24.21	24.05	23.81	24.50
		50	0	22.86	22.86	22.86	23.50
		50	25	22.79	22.68	22.79	23.50
		50	50	22.64	22.81	22.68	23.50
		100	0	22.80	22.81	22.71	23.50
	64QAM	1	0	22.66	22.71	22.60	23.50
		1	50	22.67	22.61	22.64	23.50
		1	99	22.71	22.57	22.69	23.50
		50	0	21.74	21.75	21.84	22.50
		50	25	21.73	21.83	21.71	22.50
		50	50	21.74	21.82	21.83	22.50

		100	0	21.72	21.74	21.70	22.50
--	--	-----	---	-------	-------	-------	-------

LTE Band 4 Hotspot on&Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	21.15	21.44	21.04	22.00	
		1	2	21.20	21.49	21.58	22.00	
		1	5	21.19	21.18	21.53	22.00	
		3	0	21.01	21.09	21.04	22.00	
		3	2	21.05	21.11	21.11	22.00	
		3	3	21.04	21.16	21.09	22.00	
	16QAM	6	0	20.98	21.03	21.08	22.00	
		1	0	20.83	20.84	20.99	22.00	
		1	2	21.10	21.13	20.94	22.00	
		1	5	20.85	21.05	21.05	22.00	
		3	0	20.97	21.18	21.06	22.00	
		3	2	21.09	21.12	21.13	22.00	
	64QAM	3	3	21.13	21.05	21.04	22.00	
		6	0	21.07	21.01	21.07	22.00	
		1	0	21.06	20.96	20.97	22.00	
		1	2	21.06	21.12	20.94	22.00	
		1	5	21.17	21.16	21.00	22.00	
		3	0	21.08	21.15	20.99	22.00	
	3MHz	QPSK	3	2	21.03	21.08	21.11	22.00
			3	3	21.12	21.12	21.15	22.00
			6	0	20.99	21.14	21.12	22.00
1			0	21.50	21.28	21.21	22.00	
1			7	21.25	21.23	21.15	22.00	
1			14	21.41	21.05	20.86	22.00	
16QAM		8	0	21.01	21.11	21.18	22.00	
		8	4	21.02	21.00	21.13	22.00	
		8	7	21.03	21.10	21.08	22.00	
		15	0	21.02	21.01	21.09	22.00	
		1	0	21.10	21.28	21.16	22.00	
		1	7	20.70	20.78	20.78	22.00	
64QAM		1	14	20.79	20.90	20.85	22.00	
		8	0	20.96	20.98	21.04	22.00	
		8	4	21.12	21.15	21.11	22.00	
		8	7	21.02	21.09	21.01	22.00	
		15	0	21.06	21.04	21.06	22.00	
		1	0	21.11	20.97	21.06	22.00	
5MHz		QPSK	1	7	20.97	21.14	20.98	22.00
			1	14	20.98	21.06	21.11	22.00
			8	0	21.10	20.97	20.99	22.00
	8		4	21.03	20.98	21.18	22.00	
	8		7	21.04	21.02	21.01	22.00	
	15		0	21.05	20.94	21.15	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	21.17	21.39	21.05	22.00

		1	13	21.25	21.44	21.59	22.00	
		1	24	21.24	21.22	21.56	22.00	
		12	0	21.03	21.04	21.05	22.00	
		12	6	21.07	21.06	21.12	22.00	
		12	13	21.06	21.11	21.10	22.00	
		25	0	21.00	20.98	21.09	22.00	
	16QAM	1	0	20.85	20.79	21.00	22.00	
		1	13	21.12	21.08	20.95	22.00	
		1	24	20.87	21.00	21.06	22.00	
		12	0	21.02	21.22	21.09	22.00	
		12	6	21.14	21.16	21.16	22.00	
		12	13	21.18	21.09	21.07	22.00	
	64QAM	25	0	21.12	21.05	21.10	22.00	
		1	0	21.00	21.00	21.00	22.00	
		1	13	21.02	20.96	21.11	22.00	
		1	24	21.13	21.10	21.04	22.00	
		12	0	21.18	21.03	20.97	22.00	
		12	6	21.09	21.06	21.05	22.00	
	12	13	20.98	21.04	20.96	22.00		
	25	0	21.18	21.12	21.09	22.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	20000	20175	20350			
			1	0	21.62	21.15	21.12	22.00
			1	25	21.62	21.21	21.50	22.00
1			49	21.28	21.14	21.60	22.00	
25			0	20.98	21.05	20.90	22.00	
25			13	21.06	21.02	20.98	22.00	
16QAM		25	25	21.12	21.14	21.00	22.00	
		50	0	21.05	20.98	21.05	22.00	
		1	0	20.85	20.99	20.95	22.00	
		1	25	20.77	20.96	21.06	22.00	
		1	49	21.05	20.92	21.12	22.00	
		25	0	21.07	21.03	21.07	22.00	
64QAM		25	13	21.12	21.09	21.07	22.00	
		25	25	20.96	21.07	21.21	22.00	
		50	0	21.10	20.93	21.16	22.00	
		1	0	21.04	20.94	21.18	22.00	
		1	25	21.10	21.18	21.15	22.00	
		1	49	21.09	21.17	21.01	22.00	
	25	0	21.01	21.03	21.13	22.00		
	25	13	21.13	20.98	21.01	22.00		
	25	25	21.04	20.96	21.04	22.00		
	50	0	20.94	20.98	20.97	22.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	QPSK	20025	20175	20325			
1			0	21.68	21.63	21.35	22.00	
1			38	21.49	20.83	21.02	22.00	
1			74	21.17	21.12	21.09	22.00	
36			0	21.03	21.04	21.02	22.00	
36			18	21.02	21.01	21.14	22.00	
16QAM		36	39	21.04	21.11	21.05	22.00	
		75	0	21.10	20.98	21.09	22.00	
		1	0	21.07	20.99	20.97	22.00	
		1	38	20.79	20.96	20.87	22.00	
		1	74	20.99	20.87	20.85	22.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	36	0	21.04	21.21	21.19	22.00	
		36	18	21.07	21.01	21.16	22.00	
		36	39	21.10	21.04	21.04	22.00	
		75	0	21.10	21.09	21.14	22.00	
		1	0	21.15	21.04	21.06	22.00	
		1	38	21.16	20.96	20.94	22.00	
		1	74	20.97	21.02	21.14	22.00	
		36	0	20.99	21.00	20.96	22.00	
		36	18	21.16	20.98	21.12	22.00	
		36	39	21.15	21.16	21.04	22.00	
	75	0	21.13	21.08	20.96	22.00		
	20MHz	QPSK	1	0	21.52	21.23	21.22	22.00
			1	50	21.30	21.18	21.16	22.00
			1	99	21.46	21.09	20.89	22.00
			50	0	21.03	21.06	21.19	22.00
			50	25	21.04	20.95	21.14	22.00
			50	50	21.05	21.05	21.09	22.00
			100	0	21.04	20.96	21.10	22.00
		16QAM	1	0	21.12	21.23	21.17	22.00
			1	50	20.72	20.73	20.79	22.00
			1	99	20.81	20.85	20.86	22.00
			50	0	21.01	21.02	21.07	22.00
			50	25	21.17	21.19	21.14	22.00
			50	50	21.07	21.13	21.04	22.00
			100	0	21.11	21.08	21.09	22.00
		64QAM	1	0	21.14	21.07	21.14	22.00
			1	50	21.11	21.07	20.98	22.00
			1	99	20.99	21.09	21.12	22.00
50			0	21.12	21.08	20.96	22.00	
50			25	21.03	21.03	21.02	22.00	
50			50	20.96	21.01	21.03	22.00	
100			0	21.14	20.99	21.12	22.00	

LTE Band 7 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.68	24.57	24.24	25.50
		1	13	24.70	24.51	24.00	25.50
		1	24	24.66	24.61	24.12	25.50
		12	0	23.81	23.68	23.36	24.50
		12	6	23.91	23.70	23.42	24.50
		12	13	23.81	23.74	23.50	24.50
		25	0	23.85	23.64	23.39	24.50
	16QAM	1	0	23.97	23.91	23.67	24.50
		1	13	23.93	23.60	23.52	24.50
		1	24	24.34	23.79	23.70	24.50
		12	0	22.91	22.73	22.44	23.50
		12	6	22.82	22.68	22.57	23.50
		12	13	22.89	22.79	22.57	23.50
		25	0	22.84	22.62	22.54	23.50

		1	0	22.65	22.69	22.69	23.50
		1	13	22.67	22.61	22.67	23.50
		1	24	22.70	22.71	22.59	23.50
	64QAM	12	0	21.72	21.86	21.86	22.50
		12	6	21.91	21.78	21.79	22.50
		12	13	21.93	21.81	21.88	22.50
		25	0	21.82	21.75	21.71	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.70	24.52	24.33	25.50
		1	25	24.66	24.48	24.05	25.50
		1	49	24.71	24.51	24.06	25.50
		25	0	23.84	23.56	23.43	24.50
		25	13	23.90	23.71	23.29	24.50
		25	25	23.87	23.73	23.31	24.50
		50	0	23.92	23.75	23.27	24.50
	16QAM	1	0	23.96	23.86	23.74	24.50
		1	25	23.72	23.68	23.60	24.50
		1	49	23.95	23.76	23.93	24.50
		25	0	22.91	22.62	22.55	23.50
		25	13	22.96	22.68	22.48	23.50
		25	25	22.90	22.63	22.53	23.50
		50	0	22.89	22.65	22.48	23.50
	64QAM	1	0	22.70	22.57	22.66	23.50
		1	25	22.62	22.64	22.58	23.50
		1	49	22.62	22.56	22.73	23.50
		25	0	21.77	21.77	21.79	22.50
		25	13	21.77	21.81	21.82	22.50
		25	25	21.84	21.67	21.70	22.50
		50	0	21.81	21.66	21.91	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.71	24.58	24.63	25.50
		1	38	24.70	24.59	24.02	25.50
		1	74	24.71	24.70	23.82	25.50
		36	0	23.77	23.66	23.65	24.50
		36	18	23.88	23.66	23.45	24.50
		36	39	23.90	23.75	23.41	24.50
		75	0	23.86	23.70	23.61	24.50
	16QAM	1	0	24.20	24.08	23.82	24.50
		1	38	24.02	23.83	23.33	24.50
		1	74	24.45	24.24	23.14	24.50
		36	0	22.81	22.71	22.73	23.50
		36	18	22.89	22.60	22.47	23.50
		36	39	22.87	22.74	22.48	23.50
		75	0	22.92	22.67	22.63	23.50
	64QAM	1	0	22.72	22.60	22.71	23.50
		1	38	22.62	22.67	22.58	23.50
		1	74	22.70	22.67	22.69	23.50
		36	0	21.81	21.87	21.89	22.50
		36	18	21.90	21.70	21.87	22.50
		36	39	21.75	21.86	21.71	22.50
		75	0	21.71	21.89	21.77	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

20MHz	QPSK	1	0	24.73	24.49	24.38	25.50
		1	50	24.62	24.53	24.14	25.50
		1	99	24.67	24.71	23.94	25.50
		50	0	23.75	23.51	23.52	24.50
		50	25	23.84	23.70	23.59	24.50
		50	50	23.78	23.76	23.40	24.50
	16QAM	100	0	23.92	23.72	23.70	24.50
		1	0	23.89	23.98	24.01	24.50
		1	50	23.97	24.12	23.51	24.50
		1	99	24.36	24.00	23.40	24.50
		50	0	22.86	22.65	22.62	23.50
		50	25	22.89	22.70	22.79	23.50
	64QAM	50	50	22.91	22.82	22.53	23.50
		100	0	22.79	22.58	22.69	23.50
		1	0	22.71	22.71	22.60	23.50
		1	50	22.66	22.61	22.57	23.50
		1	99	22.72	22.73	22.58	23.50
		50	0	21.70	21.88	21.79	22.50
	50	25	21.67	21.75	21.90	22.50	
	50	50	21.87	21.69	21.86	22.50	
	100	0	21.71	21.79	21.73	22.50	

LTE Band 7 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.32	19.99	20.01	21.00
		1	13	20.31	20.46	19.82	21.00
		1	24	20.28	20.36	20.14	21.00
		12	0	20.05	19.86	19.91	21.00
		12	6	20.05	19.95	19.87	21.00
		12	13	20.06	19.95	19.93	21.00
	16QAM	25	0	20.10	19.90	19.94	21.00
		1	0	19.87	19.72	19.79	21.00
		1	13	19.93	19.97	19.95	21.00
		1	24	20.00	19.89	19.95	21.00
		12	0	20.09	19.98	19.96	21.00
		12	6	20.17	20.04	19.85	21.00
	64QAM	12	13	20.10	19.97	19.98	21.00
		25	0	20.18	19.94	19.94	21.00
		1	0	20.01	19.94	20.14	21.00
		1	13	19.95	19.98	20.01	21.00
		1	24	20.10	20.14	20.16	21.00
		12	0	20.13	20.15	19.96	21.00
		12	6	20.01	19.96	20.04	21.00
		12	13	20.03	19.95	20.09	21.00
		25	0	20.13	20.16	20.01	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.16	20.39	20.44	21.00
		1	25	20.04	19.92	20.25	21.00
		1	49	20.34	20.17	20.25	21.00
		25	0	20.01	19.86	19.80	21.00

	16QAM	25	13	20.09	19.95	20.04	21.00
		25	25	20.02	19.93	19.95	21.00
		50	0	20.14	19.97	20.05	21.00
		1	0	19.87	19.72	19.68	21.00
		1	25	20.15	19.61	19.84	21.00
		1	49	19.96	19.79	19.73	21.00
		25	0	19.98	19.88	19.90	21.00
		25	13	20.17	19.91	20.04	21.00
		25	25	20.10	19.86	19.92	21.00
	64QAM	50	0	20.08	19.89	20.04	21.00
		1	0	20.16	20.07	20.01	21.00
		1	25	20.03	19.99	20.10	21.00
		1	49	20.16	20.09	19.94	21.00
		25	0	20.00	20.12	19.97	21.00
		25	13	19.97	19.94	19.95	21.00
15MHz	QPSK	25	25	20.04	20.10	20.09	21.00
		50	0	19.94	19.97	20.04	21.00
		1	0	20.27	19.90	20.35	21.00
		1	38	19.93	20.39	20.38	21.00
		1	74	20.13	20.15	19.84	21.00
		36	0	20.01	19.83	19.98	21.00
		36	18	20.06	19.86	20.03	21.00
	16QAM	36	39	20.14	19.96	19.99	21.00
		75	0	20.10	19.91	19.96	21.00
		1	0	19.93	19.68	19.80	21.00
		1	38	19.95	19.91	19.77	21.00
		1	74	20.03	19.91	19.97	21.00
		36	0	20.05	19.96	19.88	21.00
		36	18	20.18	19.91	20.03	21.00
	64QAM	36	39	20.01	20.02	19.98	21.00
75		0	20.14	19.86	20.00	21.00	
1		0	20.14	20.11	20.05	21.00	
1		38	20.14	20.17	20.10	21.00	
1		74	19.94	20.01	20.12	21.00	
36		0	20.09	20.00	20.01	21.00	
36		18	19.99	20.10	20.08	21.00	
20MHz	QPSK	36	39	20.02	20.05	20.16	21.00
		75	0	20.02	19.96	20.01	21.00
		1	0	20.59	20.50	20.52	21.00
		1	50	20.48	20.37	20.45	21.00
		1	99	20.46	20.59	20.35	21.00
		50	0	20.44	20.40	20.40	21.00
		50	25	20.58	20.43	20.49	21.00
	16QAM	50	50	20.22	20.52	20.51	21.00
		100	0	20.56	20.29	20.44	21.00
		1	0	20.17	20.06	20.11	21.00
		1	50	20.36	19.94	20.18	21.00
		1	99	20.31	20.15	20.17	21.00
		50	0	20.38	20.15	20.05	21.00
		50	25	20.32	20.18	20.20	21.00
		50	50	20.41	20.41	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	

		100	0	20.35	20.17	20.19	21.00
	64QAM	1	0	19.98	20.06	20.03	21.00
		1	50	20.08	20.18	20.09	21.00
		1	99	20.13	20.00	19.99	21.00
		50	0	20.15	19.97	20.08	21.00
		50	25	19.95	20.01	20.06	21.00
		50	50	20.00	19.94	20.10	21.00
		100	0	19.99	20.14	19.98	21.00

LTE Band 38 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	24.59	24.49	24.54	25.50
		1	13	24.67	24.65	24.58	25.50
		1	24	24.57	24.58	24.45	25.50
		12	0	23.74	23.66	23.62	24.50
		12	6	23.75	23.62	23.70	24.50
		12	13	23.72	23.68	23.59	24.50
		25	0	23.70	23.66	23.63	24.50
	16QAM	1	0	23.81	23.66	23.67	24.50
		1	13	23.73	23.77	23.76	24.50
		1	24	23.86	23.85	23.65	24.50
		12	0	22.44	22.35	22.27	23.50
		12	6	22.45	22.41	22.37	23.50
		12	13	22.45	22.37	22.37	23.50
		25	0	22.49	22.42	22.38	23.50
	64QAM	1	0	22.40	22.41	22.38	23.50
		1	13	22.37	22.40	22.37	23.50
		1	24	22.45	22.40	22.46	23.50
		12	0	21.44	21.50	21.56	22.50
		12	6	21.51	21.46	21.65	22.50
		12	13	21.49	21.62	21.61	22.50
		25	0	21.60	21.63	21.51	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	24.58	24.54	24.69	25.50
		1	25	24.51	24.67	24.64	25.50
		1	49	24.53	24.60	24.38	25.50
		25	0	23.68	23.67	23.67	24.50
		25	13	23.75	23.73	23.61	24.50
		25	25	23.75	23.70	23.67	24.50
		50	0	23.72	23.58	23.55	24.50
	16QAM	1	0	23.69	23.59	23.66	24.50
		1	25	23.65	23.63	23.64	24.50
		1	49	23.63	23.64	23.59	24.50
		25	0	22.41	22.38	22.41	23.50
		25	13	22.50	22.45	22.43	23.50
		25	25	22.49	22.41	22.48	23.50
		50	0	22.48	22.50	22.39	23.50
	64QAM	1	0	22.37	22.45	22.37	23.50
		1	25	22.38	22.33	22.39	23.50
		1	49	22.35	22.45	22.40	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	25	0	21.50	21.42	21.51	22.50	
		25	13	21.47	21.61	21.43	22.50	
		25	25	21.57	21.62	21.56	22.50	
		50	0	21.64	21.41	21.45	22.50	
		1	0	24.54	24.54	24.47	25.50	
		1	38	24.52	24.49	24.52	25.50	
		1	74	24.62	24.49	24.36	25.50	
	16QAM	36	0	23.70	23.60	23.70	24.50	
		36	18	23.70	23.62	23.68	24.50	
		36	39	23.66	23.63	23.63	24.50	
		75	0	23.70	23.63	23.68	24.50	
		1	0	23.66	23.79	23.69	24.50	
		1	38	23.61	23.63	23.56	24.50	
		1	74	23.64	23.65	23.64	24.50	
	64QAM	36	0	22.39	22.45	22.32	23.50	
		36	18	22.48	22.41	22.36	23.50	
		36	39	22.45	22.42	22.38	23.50	
		75	0	22.50	22.44	22.40	23.50	
		1	0	22.31	22.41	22.44	23.50	
		1	38	22.33	22.38	22.42	23.50	
		1	74	22.44	22.47	22.41	23.50	
	20MHz	QPSK	36	0	21.41	21.56	21.44	22.50
			36	18	21.56	21.54	21.66	22.50
			36	39	21.49	21.63	21.48	22.50
75			0	21.42	21.44	21.68	22.50	
1			0	24.47	24.46	24.48	25.50	
1			50	24.59	24.56	24.41	25.50	
16QAM		1	99	24.41	24.37	24.40	25.50	
		50	0	23.65	23.63	23.60	24.50	
		50	25	23.67	23.61	23.65	24.50	
		50	50	23.69	23.66	23.58	24.50	
		100	0	23.68	23.61	23.66	24.50	
		1	0	23.71	23.64	23.65	24.50	
64QAM	1	50	23.54	23.66	23.53	24.50		
	1	99	23.67	23.68	23.57	24.50		
	50	0	22.63	22.69	22.66	23.50		
	50	25	22.67	22.63	22.68	23.50		
	50	50	22.79	22.72	22.67	23.50		
	100	0	22.72	22.64	22.66	23.50		
QPSK	1	0	22.59	22.64	22.69	23.50		
	1	50	22.63	22.65	22.63	23.50		
	1	99	22.66	22.68	22.61	23.50		
	50	0	21.76	21.92	21.70	22.50		
	50	25	21.68	21.93	21.86	22.50		
	50	50	21.66	21.70	21.91	22.50		
16QAM	100	0	21.78	21.93	21.88	22.50		
	100	0	21.78	21.93	21.88	22.50		

LTE Band 38 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.55	22.54	22.49	24.00
		1	13	22.61	22.57	22.55	24.00
		1	24	22.62	22.54	22.46	24.00
		12	0	22.64	22.63	22.54	24.00
		12	6	22.61	22.70	22.58	24.00
		12	13	22.59	22.65	22.59	24.00
		25	0	22.60	22.66	22.63	24.00
	16QAM	1	0	22.64	22.64	22.56	24.00
		1	13	22.51	22.69	22.66	24.00
		1	24	22.59	22.60	22.68	24.00
		12	0	22.44	22.35	22.27	23.50
		12	6	22.45	22.41	22.37	23.50
		12	13	22.45	22.37	22.37	23.50
		25	0	22.49	22.42	22.38	23.50
	64QAM	1	0	22.40	22.41	22.38	23.50
		1	13	22.37	22.40	22.37	23.50
		1	24	22.45	22.40	22.46	23.50
		12	0	21.44	21.50	21.56	22.50
		12	6	21.51	21.46	21.65	22.50
		12	13	21.49	21.62	21.61	22.50
		25	0	21.60	21.63	21.51	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.59	22.57	22.55	24.00
		1	25	22.65	22.45	22.54	24.00
		1	49	22.51	22.57	22.49	24.00
		25	0	22.62	22.65	22.61	24.00
		25	13	22.68	22.70	22.55	24.00
		25	25	22.63	22.62	22.62	24.00
		50	0	22.54	22.69	22.51	24.00
	16QAM	1	0	22.58	22.68	22.57	24.00
		1	25	22.62	22.63	22.56	24.00
		1	49	22.70	22.67	22.48	24.00
		25	0	22.41	22.38	22.41	23.50
		25	13	22.50	22.45	22.43	23.50
		25	25	22.49	22.41	22.48	23.50
		50	0	22.48	22.50	22.39	23.50
	64QAM	1	0	22.37	22.45	22.37	23.50
		1	25	22.38	22.33	22.39	23.50
		1	49	22.35	22.45	22.40	23.50
		25	0	21.50	21.42	21.51	22.50
		25	13	21.47	21.61	21.43	22.50
		25	25	21.57	21.62	21.56	22.50
		50	0	21.64	21.41	21.45	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	22.47	22.45	22.43	24.00
		1	38	22.57	22.47	22.33	24.00

		1	74	22.64	22.47	22.34	24.00	
		36	0	22.62	22.66	22.56	24.00	
		36	18	22.65	22.49	22.57	24.00	
		36	39	22.55	22.64	22.55	24.00	
		75	0	22.71	22.62	22.60	24.00	
	16QAM	1	0	22.38	22.20	22.19	24.00	
		1	38	22.20	22.11	22.11	24.00	
		1	74	22.32	22.26	22.13	24.00	
		36	0	22.39	22.45	22.32	23.50	
		36	18	22.48	22.41	22.36	23.50	
	64QAM	36	39	22.45	22.42	22.38	23.50	
		75	0	22.50	22.44	22.40	23.50	
		1	0	22.31	22.41	22.44	23.50	
		1	38	22.33	22.38	22.42	23.50	
		1	74	22.44	22.47	22.41	23.50	
		36	0	21.41	21.56	21.44	22.50	
		36	18	21.56	21.54	21.66	22.50	
		36	39	21.49	21.63	21.48	22.50	
		75	0	21.42	21.44	21.68	22.50	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	20MHz	QPSK			37850	38000	38150	
1			0	22.52	22.57	22.60	24.00	
1			50	22.59	22.55	22.49	24.00	
1			99	22.62	22.72	22.40	24.00	
50			0	22.57	22.58	22.56	24.00	
50			25	22.63	22.58	22.59	24.00	
50			50	22.66	22.55	22.55	24.00	
100		0	22.52	22.63	22.63	24.00		
16QAM		1	0	22.33	22.35	22.34	24.00	
		1	50	22.20	22.27	22.20	24.00	
		1	99	22.21	22.17	22.18	24.00	
		50	0	22.38	22.44	22.41	23.50	
		50	25	22.42	22.38	22.43	23.50	
		50	50	22.54	22.47	22.42	23.50	
64QAM		100	0	22.47	22.39	22.41	23.50	
		1	0	22.34	22.39	22.44	23.50	
		1	50	22.38	22.40	22.38	23.50	
		1	99	22.41	22.43	22.36	23.50	
		50	0	21.51	21.67	21.45	22.50	
		50	25	21.43	21.68	21.61	22.50	
50		50	21.41	21.45	21.66	22.50		
100	0	21.53	21.68	21.63	22.50			

LTE Band 41 Hotspot off&Sensor 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	24.58	24.51	24.50	24.53	24.49	25.50
		1	13	24.66	24.60	24.57	24.63	24.63	25.50
		1	24	24.62	24.55	24.51	24.60	24.47	25.50
		12	0	23.71	23.65	23.62	23.70	23.65	24.50
		12	6	23.72	23.67	23.57	23.81	23.65	24.50
		12	13	23.73	23.68	23.61	23.75	23.61	24.50

		25	0	23.78	23.75	23.72	23.77	23.60	24.50
	16QAM	1	0	23.77	23.70	23.70	23.70	23.64	24.50
		1	13	23.90	23.84	23.81	23.79	23.76	24.50
		1	24	23.87	23.73	23.82	23.80	23.72	24.50
		12	0	22.73	22.74	22.68	22.67	22.59	23.50
		12	6	22.67	22.65	22.55	22.79	22.60	23.50
		12	13	22.66	22.69	22.58	22.72	22.66	23.50
		25	0	22.78	22.73	22.73	22.74	22.71	23.50
	64QAM	1	0	22.32	22.24	22.27	22.22	22.30	23.50
		1	13	22.27	22.26	22.12	22.34	22.32	23.50
		1	24	22.22	22.33	22.16	22.35	22.22	23.50
		12	0	21.40	21.31	21.30	21.36	21.34	22.50
		12	6	21.36	21.58	21.27	21.37	21.43	22.50
		12	13	21.37	21.58	21.25	21.52	21.46	22.50
		25	0	21.51	21.33	21.38	21.36	21.38	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	24.56	24.54	24.47	24.57	24.45	25.50
		1	25	24.67	24.57	24.56	24.51	24.60	25.50
		1	49	24.77	24.67	24.70	24.41	24.54	25.50
		25	0	23.74	23.67	23.69	23.68	23.66	24.50
		25	13	23.72	23.76	23.59	23.69	23.67	24.50
		25	25	23.69	23.68	23.64	23.74	23.72	24.50
		50	0	23.80	23.68	23.72	23.73	23.70	24.50
	16QAM	1	0	23.68	23.83	23.56	23.70	23.70	24.50
		1	25	23.78	23.73	23.68	23.72	23.57	24.50
		1	49	23.80	23.63	23.66	23.69	23.58	24.50
		25	0	22.62	22.55	22.49	22.66	22.53	23.50
		25	13	22.70	22.66	22.65	22.67	22.73	23.50
		25	25	22.74	22.73	22.69	22.67	22.56	23.50
		50	0	22.80	22.73	22.71	22.72	22.76	23.50
	64QAM	1	0	22.07	21.99	22.00	21.97	22.05	23.50
		1	25	22.02	22.01	21.93	22.09	22.07	23.50
		1	49	21.97	22.08	21.92	22.10	21.97	23.50
		25	0	21.15	21.06	21.00	21.11	21.09	22.50
		25	13	21.11	21.33	20.97	21.12	21.18	22.50
		25	25	21.12	21.33	21.07	21.27	21.21	22.50
		50	0	21.26	21.08	21.18	21.11	21.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	24.56	24.62	24.50	24.54	24.47	25.50
		1	38	24.59	24.53	24.45	24.46	24.44	25.50
		1	74	24.52	24.61	24.47	24.54	24.55	25.50
		36	0	23.66	23.61	23.52	23.69	23.62	24.50
		36	18	23.70	23.69	23.61	23.61	23.61	24.50
		36	39	23.69	23.64	23.55	23.69	23.63	24.50
		75	0	23.72	23.71	23.61	23.61	23.62	24.50
	16QAM	1	0	23.85	23.82	23.71	23.80	23.62	24.50
		1	38	23.74	23.64	23.65	23.75	23.59	24.50
		1	74	23.78	23.90	23.69	23.75	23.78	24.50
		36	0	22.69	22.54	22.54	22.58	22.56	23.50
		36	18	22.64	22.64	22.51	22.64	22.50	23.50
		36	39	22.68	22.65	22.54	22.62	22.55	23.50
		75	0	22.81	22.66	22.68	22.70	22.71	23.50
	64QAM	1	0	22.21	22.32	22.08	22.38	22.27	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	1	38	22.33	22.29	22.18	22.29	22.33	23.50	
		1	74	22.22	22.28	22.12	22.25	22.36	23.50	
		36	0	21.42	21.33	21.28	21.49	21.34	22.50	
		36	18	21.41	21.36	21.31	21.57	21.32	22.50	
		36	39	21.54	21.57	21.41	21.48	21.38	22.50	
		75	0	21.33	21.48	21.23	21.41	21.50	22.50	
	16QAM	QPSK	1	0	24.46	24.63	24.34	24.52	24.61	25.50
			1	50	24.52	24.61	24.41	24.52	24.36	25.50
			1	99	24.50	24.66	24.35	24.61	24.51	25.50
			50	0	23.62	23.57	23.53	23.58	23.62	24.50
			50	25	23.74	23.72	23.62	23.72	23.48	24.50
			50	50	23.70	23.68	23.55	23.67	23.63	24.50
		16QAM	1	0	23.69	23.75	23.58	23.87	23.82	24.50
			1	50	23.67	23.63	23.60	23.67	23.58	24.50
			1	99	23.64	23.62	23.56	23.76	23.65	24.50
			50	0	22.76	22.70	22.67	22.63	22.68	23.50
			50	25	22.83	22.75	22.71	22.73	22.58	23.50
			50	50	22.68	22.69	22.56	22.74	22.61	23.50
	64QAM	100	0	22.77	22.77	22.66	22.71	22.53	23.50	
		1	0	22.61	22.67	22.50	22.64	22.71	23.50	
		1	50	22.66	22.61	22.56	22.65	22.73	23.50	
		1	99	22.58	22.60	22.46	22.65	22.72	23.50	
		50	0	21.89	21.71	21.76	21.83	21.92	22.50	
		50	25	21.86	21.72	21.76	21.86	21.88	22.50	
	64QAM	50	50	21.92	21.68	21.78	21.73	21.76	22.50	
		100	0	21.72	21.93	21.63	21.68	21.66	22.50	

LTE Band 41 Hotspot on&Sensor on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	22.28	22.25	22.18	22.19	22.28	23.50	
		1	13	22.30	22.39	22.16	22.37	22.27	23.50	
		1	24	22.29	22.27	22.15	22.24	22.37	23.50	
		12	0	22.21	22.25	22.08	22.15	22.10	23.50	
		12	6	22.26	22.30	22.15	22.28	22.11	23.50	
		12	13	22.26	22.19	22.12	22.25	22.18	23.50	
	16QAM	25	0	22.21	22.29	22.06	22.25	22.15	23.50	
		1	0	22.01	22.14	21.92	22.06	22.06	23.50	
		1	13	22.13	22.15	22.03	22.19	22.21	23.50	
		1	24	22.13	22.03	22.02	22.09	22.06	23.50	
		12	0	22.16	22.20	22.05	22.22	22.17	23.50	
		12	6	22.22	22.24	22.15	22.29	22.12	23.50	
		12	13	22.23	22.24	22.10	22.19	22.18	23.50	
		25	0	22.21	22.28	22.15	22.32	22.18	23.50	
		64QAM	1	0	22.32	22.24	22.18	22.22	22.30	23.50
			1	13	22.27	22.26	22.14	22.34	22.32	23.50
	1		24	22.22	22.33	22.13	22.35	22.22	23.50	
	12		0	21.40	21.31	21.25	21.36	21.34	22.50	
	12	6	21.36	21.58	21.24	21.37	21.43	22.50		

Bandwidth	Modulation	12	13	21.37	21.58	21.27	21.52	21.46	22.50
		25	0	21.51	21.33	21.37	21.36	21.38	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	22.16	22.24	22.01	22.25	22.16	23.50
		1	25	22.27	22.25	22.22	22.34	22.22	23.50
		1	49	22.21	22.15	22.13	22.24	22.11	23.50
		25	0	22.24	22.14	22.19	22.19	22.12	23.50
		25	13	22.26	22.32	22.13	22.18	22.17	23.50
		25	25	22.31	22.19	22.16	22.21	22.19	23.50
		50	0	22.23	22.24	22.15	22.26	22.06	23.50
	16QAM	1	0	22.05	22.18	21.97	22.14	22.10	23.50
		1	25	22.02	22.11	21.95	22.07	22.09	23.50
		1	49	22.26	22.19	22.14	22.16	22.14	23.50
		25	0	22.29	22.30	22.21	22.23	22.10	23.50
		25	13	22.33	22.28	22.18	22.22	22.27	23.50
		25	25	22.27	22.16	22.12	22.28	22.19	23.50
		50	0	22.25	22.26	22.13	22.24	22.20	23.50
	64QAM	1	0	22.07	21.99	21.98	21.97	22.05	23.50
		1	25	22.02	22.01	21.89	22.09	22.07	23.50
		1	49	21.97	22.08	21.86	22.10	21.97	23.50
		25	0	21.15	21.06	21.05	21.11	21.09	22.50
		25	13	21.11	21.33	21.06	21.12	21.18	22.50
		25	25	21.12	21.33	21.04	21.27	21.21	22.50
		50	0	21.26	21.08	21.19	21.11	21.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	22.19	22.35	22.06	22.24	22.24	23.50
		1	38	22.24	22.21	22.17	22.32	22.13	23.50
		1	74	22.24	22.36	22.18	22.33	22.27	23.50
		36	0	22.21	22.16	22.13	22.16	22.22	23.50
		36	18	22.23	22.22	22.08	22.14	22.08	23.50
		36	39	22.19	22.25	22.11	22.19	22.14	23.50
		75	0	22.28	22.22	22.21	22.27	22.13	23.50
	16QAM	1	0	22.04	22.12	21.96	22.12	22.07	23.50
		1	38	22.11	22.09	22.04	22.06	22.03	23.50
		1	74	22.03	22.13	21.93	22.11	22.00	23.50
		36	0	22.19	22.17	22.11	22.19	22.11	23.50
		36	18	22.24	22.27	22.11	22.06	22.11	23.50
		36	39	22.23	22.19	22.14	22.12	22.17	23.50
		75	0	22.22	22.20	22.12	22.24	22.27	23.50
	64QAM	1	0	22.21	22.32	22.16	22.08	22.27	23.50
		1	38	22.33	22.29	22.22	22.29	22.33	23.50
		1	74	22.22	22.28	22.08	22.25	22.30	23.50
		36	0	21.42	21.33	21.36	21.49	21.34	22.50
		36	18	21.41	21.36	21.27	21.57	21.32	22.50
		36	39	21.54	21.57	21.46	21.48	21.38	22.50
		75	0	21.33	21.48	21.19	21.41	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	22.22	22.48	22.17	22.39	22.32	23.50
		1	50	22.29	22.30	22.14	22.29	22.17	23.50
		1	99	22.25	22.30	22.12	22.29	22.16	23.50
		50	0	22.28	22.20	22.21	22.24	22.16	23.50
		50	25	22.28	22.26	22.15	22.20	22.17	23.50

		50	50	22.34	22.31	22.21	22.26	22.13	23.50
		100	0	22.33	22.28	22.23	22.20	22.23	23.50
	16QAM	1	0	22.12	22.24	21.99	22.34	22.25	23.50
		1	50	22.18	22.07	22.04	22.04	22.00	23.50
		1	99	22.13	22.12	22.03	22.14	22.12	23.50
		50	0	22.32	22.32	22.21	22.12	22.18	23.50
		50	25	22.28	22.26	22.16	22.28	22.29	23.50
		50	50	22.42	22.30	22.32	22.20	22.21	23.50
		100	0	22.34	22.26	22.23	22.28	22.19	23.50
	64QAM	1	0	22.26	22.32	22.15	22.29	22.36	23.50
		1	50	22.31	22.26	22.24	22.30	22.38	23.50
		1	99	22.23	22.25	22.12	22.30	22.37	23.50
		50	0	21.54	21.36	21.46	21.48	21.57	22.50
		50	25	21.51	21.37	21.44	21.51	21.53	22.50
		50	50	21.57	21.33	21.45	21.38	21.41	22.50
		100	0	21.37	21.58	21.32	21.33	21.31	22.50

LTE Band 66 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.08	23.06	23.06	24.00
		1	2	22.93	22.97	23.15	24.00
		1	5	23.27	23.07	23.10	24.00
		3	0	23.30	23.19	23.10	24.00
		3	1	23.38	23.16	23.23	24.00
		3	3	23.29	23.27	23.21	24.00
		6	0	22.42	22.29	22.29	23.00
	16QAM	1	0	22.67	22.62	22.66	23.00
		1	2	22.67	22.51	22.49	23.00
		1	5	22.54	22.37	22.32	23.00
		3	0	22.39	22.32	22.40	23.00
		3	1	22.48	22.35	22.43	23.00
		3	3	22.36	22.38	22.37	23.00
		6	0	21.37	21.32	21.43	22.00
	64QAM	1	0	21.15	21.09	21.22	22.00
		1	2	21.23	21.15	21.11	22.00
		1	5	21.19	21.17	21.10	22.00
		3	0	21.13	21.09	21.17	22.00
		3	1	21.11	21.11	21.19	22.00
		3	3	21.22	21.15	21.07	22.00
		6	0	20.09	20.17	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.02	23.11	23.12	24.00
		1	7	22.96	23.02	23.21	24.00
		1	14	23.01	23.12	23.16	24.00
		8	0	22.33	22.24	22.16	23.00

	16QAM	8	4	22.41	22.21	22.29	23.00
		8	7	22.32	22.30	22.24	23.00
		15	0	22.45	22.32	22.32	23.00
		1	0	22.70	22.65	22.69	23.00
		1	7	22.70	22.54	22.52	23.00
		1	14	22.56	22.41	22.36	23.00
		8	0	21.41	21.36	21.44	22.00
		8	4	21.50	21.39	21.47	22.00
		8	7	21.38	21.42	21.41	22.00
	15	0	21.39	21.36	21.47	22.00	
	64QAM	1	0	21.10	21.18	21.13	22.00
		1	7	21.08	21.11	21.25	22.00
		1	14	21.18	21.16	21.25	22.00
		8	0	20.17	20.21	20.21	21.00
		8	4	20.21	20.18	20.19	21.00
8		7	20.08	20.06	20.16	21.00	
15	0	20.24	20.25	20.06	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.40	23.21	23.24	24.00
		1	13	23.02	23.12	23.33	24.00
		1	24	23.36	23.22	23.28	24.00
		12	0	22.39	22.34	22.28	23.00
		12	6	22.47	22.31	22.41	23.00
		12	13	22.38	22.36	22.30	23.00
		25	0	22.51	22.38	22.38	23.00
	16QAM	1	0	22.76	22.71	22.75	23.00
		1	13	22.76	22.60	22.58	23.00
		1	24	22.60	22.49	22.44	23.00
		12	0	21.45	21.44	21.52	22.00
		12	6	21.54	21.47	21.55	22.00
		12	13	21.42	21.50	21.49	22.00
	25	0	21.43	21.44	21.55	22.00	
	64QAM	1	0	21.14	21.04	21.07	22.00
		1	13	21.08	21.06	21.22	22.00
		1	24	21.16	21.04	21.05	22.00
		12	0	20.08	20.07	20.05	21.00
		12	6	20.20	20.10	20.08	21.00
		12	13	20.05	20.14	20.07	21.00
		25	0	20.10	20.15	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.35	23.19	23.21	24.00
		1	25	22.97	23.10	23.30	24.00
		1	49	23.31	23.20	23.25	24.00
		25	0	22.34	22.32	22.25	23.00
		25	13	22.42	22.29	22.38	23.00
		25	25	22.33	22.36	22.30	23.00
		50	0	22.46	22.38	22.38	23.00
	16QAM	1	0	22.67	22.62	22.66	23.00
		1	25	22.67	22.51	22.49	23.00
		1	49	22.52	22.39	22.34	23.00
		25	0	21.36	21.33	21.41	22.00
		25	13	21.45	21.36	21.44	22.00
		25	13	21.45	21.36	21.44	22.00

		25	25	21.33	21.39	21.38	22.00
		50	0	21.34	21.33	21.44	22.00
	64QAM	1	0	21.15	21.09	21.19	22.00
		1	25	21.13	21.10	21.15	22.00
		1	49	21.13	21.10	21.23	22.00
		25	0	20.16	20.05	20.22	21.00
		25	13	20.18	20.22	20.18	21.00
		25	25	20.20	20.17	20.07	21.00
		50	0	20.11	20.15	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.37	23.16	23.18	24.00
		1	38	22.99	23.07	23.27	24.00
		1	74	23.33	23.17	23.22	24.00
		36	0	22.36	22.29	22.22	23.00
		36	18	22.44	22.26	22.35	23.00
		36	39	22.35	22.33	22.27	23.00
		75	0	22.48	22.35	22.35	23.00
	16QAM	1	0	22.73	22.68	22.72	23.00
		1	38	22.73	22.57	22.55	23.00
		1	74	22.58	22.45	22.40	23.00
		36	0	21.43	21.40	21.48	22.00
		36	18	21.52	21.43	21.51	22.00
		36	39	21.40	21.46	21.45	22.00
		75	0	21.41	21.40	21.51	22.00
	64QAM	1	0	21.15	21.23	21.11	22.00
		1	38	21.04	21.15	21.07	22.00
		1	74	21.13	21.24	21.04	22.00
		36	0	20.09	20.15	20.20	21.00
		36	18	20.12	20.23	20.04	21.00
		36	39	20.14	20.17	20.08	21.00
		75	0	20.06	20.15	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.24	23.38	23.27	24.00
		1	50	23.00	23.15	23.36	24.00
		1	99	23.34	23.25	23.31	24.00
		50	0	22.37	22.37	22.31	23.00
		50	25	22.45	22.34	22.44	23.00
		50	50	22.36	22.39	22.33	23.00
		100	0	22.49	22.41	22.41	23.00
	16QAM	1	0	22.70	22.65	22.69	23.00
		1	50	22.70	22.54	22.52	23.00
		1	99	22.54	22.43	22.38	23.00
		50	0	21.38	21.37	21.45	22.00
		50	25	21.47	21.40	21.48	22.00
		50	50	21.35	21.43	21.42	22.00
		100	0	21.36	21.37	21.48	22.00
	64QAM	1	0	21.10	21.07	21.24	22.00
		1	50	21.22	21.24	21.21	22.00
		1	99	21.19	21.16	21.07	22.00
		50	0	20.06	20.11	20.22	21.00
		50	25	20.21	20.24	20.15	21.00
		50	50	20.16	20.04	20.11	21.00

		100	0	20.10	20.07	20.25	21.00
--	--	-----	---	-------	-------	-------	-------

LTE Band 66 Hotspot on&Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.88	21.90	21.82	22.50	
		1	2	21.65	21.67	21.59	22.50	
		1	5	21.60	21.62	21.54	22.50	
		3	0	21.80	21.81	21.73	22.50	
		3	1	21.82	21.83	21.75	22.50	
		3	3	21.78	21.79	21.65	22.50	
		6	0	21.71	21.67	21.58	22.50	
	16QAM	1	0	21.57	21.69	21.60	22.50	
		1	2	21.61	21.79	21.59	22.50	
		1	5	21.64	21.73	21.60	22.50	
		3	0	21.10	21.13	21.06	22.50	
		3	1	21.09	21.16	21.09	22.50	
		3	3	21.10	21.17	21.10	22.50	
		6	0	21.37	21.32	21.43	22.00	
	64QAM	1	0	21.15	21.09	21.22	22.00	
		1	2	21.23	21.15	21.11	22.00	
		1	5	21.19	21.17	21.10	22.00	
		3	0	21.13	21.09	21.17	22.00	
		3	1	21.11	21.11	21.19	22.00	
		3	3	21.22	21.15	21.07	22.00	
		6	0	20.09	20.17	20.09	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
3MHz	QPSK	1	0	21.90	21.97	21.84	22.50	
		1	7	21.67	21.74	21.61	22.50	
		1	14	21.62	21.69	21.56	22.50	
		8	0	21.83	21.88	21.75	22.50	
		8	4	21.85	21.90	21.77	22.50	
		8	7	21.81	21.86	21.67	22.50	
		15	0	21.74	21.69	21.60	22.50	
	16QAM	1	0	21.68	21.71	21.62	22.50	
		1	7	21.72	21.81	21.62	22.50	
		1	14	21.75	21.75	21.63	22.50	
		8	0	21.41	21.36	21.44	22.00	
		8	4	21.50	21.39	21.47	22.00	
		8	7	21.38	21.42	21.41	22.00	
		15	0	21.39	21.36	21.47	22.00	
	64QAM	1	0	21.10	21.18	21.13	22.00	
		1	7	21.08	21.11	21.25	22.00	
		1	14	21.18	21.16	21.25	22.00	
		8	0	20.17	20.21	20.21	21.00	
		8	4	20.21	20.18	20.19	21.00	
		131987	132322	132657				

Bandwidth	Modulation	8	7	20.08	20.06	20.16	21.00	
		15	0	20.24	20.25	20.06	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	21.91	21.90	21.87	22.50	
		1	13	21.68	21.67	21.64	22.50	
		1	24	21.63	21.62	21.59	22.50	
		12	0	21.83	21.81	21.78	22.50	
		12	6	21.85	21.83	21.80	22.50	
		12	13	21.81	21.79	21.70	22.50	
		25	0	21.74	21.67	21.63	22.50	
	16QAM	1	0	21.68	21.69	21.65	22.50	
		1	13	21.75	21.79	21.67	22.50	
		1	24	21.78	21.82	21.70	22.50	
		12	0	21.45	21.44	21.52	22.00	
		12	6	21.54	21.47	21.55	22.00	
		12	13	21.42	21.50	21.49	22.00	
		25	0	21.43	21.44	21.55	22.00	
	64QAM	1	0	21.14	21.04	21.07	22.00	
		1	13	21.08	21.06	21.22	22.00	
		1	24	21.16	21.04	21.05	22.00	
		12	0	20.08	20.07	20.05	21.00	
		12	6	20.20	20.10	20.08	21.00	
		12	13	20.05	20.14	20.07	21.00	
		25	0	20.10	20.15	20.17	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	21.92	21.95	21.91	22.50
1			25	21.69	21.72	21.68	22.50	
1			49	21.64	21.67	21.63	22.50	
25			0	21.84	21.86	21.82	22.50	
25			13	21.86	21.88	21.84	22.50	
25			25	21.82	21.84	21.74	22.50	
50			0	21.75	21.72	21.67	22.50	
16QAM		1	0	21.77	21.74	21.69	22.50	
		1	25	21.84	21.84	21.74	22.50	
		1	49	21.87	21.87	21.77	22.50	
		25	0	21.36	21.33	21.41	22.00	
		25	13	21.45	21.36	21.44	22.00	
		25	25	21.33	21.39	21.38	22.00	
		50	0	21.34	21.33	21.44	22.00	
64QAM		1	0	21.15	21.09	21.19	22.00	
		1	25	21.13	21.10	21.15	22.00	
		1	49	21.13	21.10	21.23	22.00	
		25	0	20.16	20.05	20.22	21.00	
		25	13	20.18	20.22	20.18	21.00	
		25	25	20.20	20.17	20.07	21.00	
		50	0	20.11	20.15	20.09	21.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132047	132322	132597	
15MHz		QPSK	1	0	21.89	21.95	21.86	22.50
	1		38	21.66	21.72	21.63	22.50	
	1		74	21.61	21.67	21.58	22.50	
	36		0	21.81	21.86	21.77	22.50	

	16QAM	36	18	21.83	21.88	21.79	22.50
		36	39	21.79	21.84	21.69	22.50
		75	0	21.72	21.72	21.62	22.50
		1	0	21.66	21.74	21.64	22.50
		1	38	21.70	21.84	21.66	22.50
		1	74	21.73	21.78	21.67	22.50
		36	0	21.43	21.40	21.48	22.00
		36	18	21.52	21.43	21.51	22.00
		36	39	21.40	21.46	21.45	22.00
	75	0	21.41	21.40	21.51	22.00	
	64QAM	1	0	21.15	21.23	21.11	22.00
		1	38	21.04	21.15	21.07	22.00
		1	74	21.13	21.24	21.04	22.00
		36	0	20.09	20.15	20.20	21.00
		36	18	20.12	20.23	20.04	21.00
		36	39	20.14	20.17	20.08	21.00
		75	0	20.06	20.15	20.15	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132072	132322	132572	
20MHz	QPSK	1	0	21.91	21.93	21.93	22.50
		1	50	21.68	21.70	21.70	22.50
		1	99	21.63	21.65	21.65	22.50
		50	0	21.82	21.84	21.84	22.50
		50	25	21.87	21.86	21.86	22.50
		50	50	21.80	21.82	21.76	22.50
		100	0	21.73	21.75	21.69	22.50
	16QAM	1	0	21.75	21.77	21.71	22.50
		1	50	21.82	21.87	21.78	22.50
		1	99	21.85	21.90	21.81	22.50
		50	0	21.38	21.37	21.45	22.00
		50	25	21.47	21.40	21.48	22.00
		50	50	21.35	21.43	21.42	22.00
		100	0	21.36	21.37	21.48	22.00
	64QAM	1	0	21.10	21.07	21.24	22.00
		1	50	21.22	21.24	21.21	22.00
		1	99	21.19	21.16	21.07	22.00
		50	0	20.06	20.11	20.22	21.00
		50	25	20.21	20.24	20.15	21.00
		50	50	20.16	20.04	20.11	21.00
		100	0	20.10	20.07	20.25	21.00

Table 6: Conducted Power of LTE

3 Conducted Power of Main Antenna(Ant3)

3.1 Conducted Power of GSM

GSM 1900 Receiver off/Hotspot off										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	29.87	29.60	29.70	30.50	-9.19	20.68	20.41	20.51	21.31
GPRS/EGPRS (GMSK)	1 TX Slot	29.55	29.64	29.71	30.50	-9.19	20.36	20.45	20.52	21.31
	2 TX Slots	26.66	26.95	26.86	27.50	-6.18	20.48	20.77	20.68	21.32
	3 TX Slots	24.88	25.18	25.15	25.50	-4.42	20.46	20.76	20.73	21.08
	4 TX Slots	23.31	23.47	23.66	24.50	-3.17	20.14	20.3	20.49	21.33
EGPRS(8PSK)	1 TX Slot	25.71	25.82	25.96	26.50	-9.19	16.52	16.63	16.77	17.31
	2 TX Slots	23.32	23.27	23.16	23.50	-6.18	17.14	17.09	16.98	17.32
	3 TX Slots	21.26	21.18	21.31	21.50	-4.42	16.84	16.76	16.89	17.08
	4 TX Slots	20.10	20.25	19.87	20.50	-3.17	16.93	17.08	16.7	17.33

GSM 1900 Receiver on/Hotspot on										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	28.51	28.99	28.59	29.50	-9.19	19.32	19.8	19.4	20.31
GPRS/EGPRS (GMSK)	1 TX Slot	28.45	28.54	28.61	29.50	-9.19	19.26	19.35	19.42	20.31
	2 TX Slots	25.59	25.89	25.78	26.50	-6.18	19.41	19.71	19.6	20.32
	3 TX Slots	23.78	24.11	24.05	24.50	-4.42	19.36	19.69	19.63	20.08
	4 TX Slots	22.22	22.41	22.58	23.50	-3.17	19.05	19.24	19.41	20.33
EGPRS(8PSK)	1 TX Slot	24.62	24.76	24.91	25.50	-9.19	15.43	15.57	15.72	16.31
	2 TX Slots	22.27	22.20	22.09	22.50	-6.18	16.09	16.02	15.91	16.32
	3 TX Slots	20.16	20.10	20.23	20.50	-4.42	15.74	15.68	15.81	16.08
	4 TX Slots	19.02	19.17	18.80	19.50	-3.17	15.85	16	15.63	16.33

Table 7: Conducted Power of GSM

3.2 Conducted Power of WCDMA

WCDMA Band II Receiver off/Hotspot off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.45	22.69	22.47	23.50
	12.2kbps AMR	22.37	22.59	22.38	23.50
HSDPA	Subtest 1	21.68	21.58	21.67	22.50
	Subtest 2	21.51	21.70	21.48	22.50
	Subtest 3	21.28	21.18	21.35	22.00
	Subtest 4	21.10	21.04	20.96	22.00
HSUPA	Subtest 1	21.72	21.69	21.51	22.50
	Subtest 2	19.56	19.50	19.42	20.50
	Subtest 3	20.25	20.37	20.55	21.50
	Subtest 4	19.60	18.96	19.21	20.50
	Subtest 5	21.73	21.51	21.51	22.50
HSDPA	Subtest 1	21.64	21.54	21.56	22.50
	Subtest 2	21.68	21.63	21.46	22.50
	Subtest 3	21.01	21.13	21.25	22.00
	Subtest 4	21.19	21.09	20.99	22.00

WCDMA Band II Receiver on & Hotspot on					
Average Conducted Power (dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.04	19.05	19.02	20.00
	12.2kbps AMR	18.95	18.98	18.92	20.00
HSDPA	Subtest 1	18.62	18.52	18.57	19.00
	Subtest 2	18.42	18.58	18.42	19.00
	Subtest 3	18.17	18.10	18.24	18.50
	Subtest 4	18.00	17.93	17.85	18.50
HSUPA	Subtest 1	18.59	18.56	18.39	19.00
	Subtest 2	16.46	16.39	16.35	17.00
	Subtest 3	17.15	17.26	17.43	18.00
	Subtest 4	16.47	15.85	16.07	17.00
HSDPA	Subtest 1	18.54	18.46	18.47	19.00
	Subtest 2	18.53	18.51	18.36	19.00
	Subtest 3	17.92	18.03	18.10	18.50
	Subtest 4	18.14	17.94	17.88	18.50

WCDMA Band IV Receiver off & Hotspot off					
Average Conducted Power (dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.50	22.58	22.73	24.00
	12.2kbps AMR	22.41	22.49	22.60	24.00
HSDPA	Subtest 1	21.77	21.67	21.74	23.00
	Subtest 2	21.61	21.75	21.58	23.00
	Subtest 3	21.34	21.25	21.41	22.50
	Subtest 4	21.16	21.09	21.04	22.50
HSUPA	Subtest 1	21.79	21.76	21.59	23.00
	Subtest 2	19.61	19.55	19.52	21.00
	Subtest 3	20.31	20.45	20.63	22.00
	Subtest 4	19.67	19.03	19.27	21.00
	Subtest 5	21.80	21.57	21.58	23.00
HSDPA	Subtest 1	21.69	21.63	21.63	23.00
	Subtest 2	21.73	21.70	21.54	23.00
	Subtest 3	21.09	21.18	21.30	22.50
	Subtest 4	21.29	21.14	21.08	22.50

WCDMA Band IV Receiver on & Hotspot on					
Average Conducted Power (dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	20.05	20.12	20.20	21.50
	12.2kbps AMR	19.97	20.03	20.09	21.50
HSDPA	Subtest 1	19.41	19.27	19.36	20.50
	Subtest 2	19.26	19.35	19.22	20.50
	Subtest 3	18.96	18.90	19.06	20.00
	Subtest 4	18.79	18.71	18.64	20.00
HSUPA	Subtest 1	19.43	19.39	19.21	20.50
	Subtest 2	17.23	17.16	17.15	18.50
	Subtest 3	17.94	18.05	18.24	19.50
	Subtest 4	17.28	16.65	16.89	18.50
	Subtest 5	19.42	19.18	19.23	20.50
HSDPA	Subtest 1	19.33	19.23	19.24	20.50
	Subtest 2	19.37	19.32	19.19	20.50
	Subtest 3	18.73	18.78	18.95	20.00
	Subtest 4	18.92	18.74	18.70	20.00

Table 8: Conducted Power of WCDMA

3.3 Conducted Power of LTE

LTE Band 2 Receiver off & Hotspot off				Conducted Power (dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				18607	18900	19193			
1.4MHz	QPSK	1	0	23.67	23.76	23.77	25.00		
		1	2	23.72	23.82	23.86	25.00		
		1	5	23.69	23.79	23.79	25.00		
		3	0	23.74	23.78	23.75	25.00		
		3	2	23.76	23.82	23.88	25.00		
		3	3	23.79	23.77	23.81	25.00		
	16QAM	6	0	22.78	22.86	22.88	24.00		
		1	0	23.03	23.29	23.24	24.00		
		1	2	22.90	23.14	23.02	24.00		
		1	5	22.86	23.30	23.07	24.00		
		3	0	22.89	22.90	22.89	24.00		
		3	2	22.92	22.85	22.88	24.00		
	64QAM	3	3	22.77	22.74	22.92	24.00		
		6	0	21.88	21.88	21.82	23.00		
		1	0	21.72	21.74	21.84	23.00		
		1	2	21.71	21.74	21.80	23.00		
		1	5	21.71	21.82	21.77	23.00		
		3	0	21.75	21.84	21.85	23.00		
		3	2	21.82	21.88	21.86	23.00		
		3	3	21.73	21.79	21.73	23.00		
		6	0	20.86	20.93	20.99	22.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		3MHz	QPSK	1	0	23.82	23.78	23.65	
				1	7	23.76	23.91	23.85	25.00
1	14			23.80	23.91	23.99	25.00		
8	0			22.88	22.87	22.86	24.00		

	16QAM	8	4	22.94	22.98	22.88	24.00	
		8	7	22.94	22.96	22.89	24.00	
		15	0	22.89	22.91	22.85	24.00	
		1	0	23.17	22.99	22.77	24.00	
		1	7	22.69	22.91	22.79	24.00	
		1	14	22.89	23.40	23.00	24.00	
		8	0	21.90	21.95	21.95	23.00	
		8	4	22.08	22.08	21.92	23.00	
		8	7	21.91	21.98	22.09	23.00	
	15	0	21.82	21.82	21.97	23.00		
	64QAM	1	0	21.84	21.88	21.77	23.00	
		1	7	21.84	21.77	21.77	23.00	
		1	14	21.83	21.83	21.72	23.00	
		8	0	20.69	20.74	20.85	22.00	
		8	4	20.95	21.05	20.68	22.00	
8		7	21.04	20.67	20.77	22.00		
		15	0	20.84	21.08	20.61	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	23.67	23.88	23.81	25.00	
		1	13	23.92	23.92	23.85	25.00	
		1	24	23.77	23.77	23.89	25.00	
		12	0	22.88	22.88	22.78	24.00	
		12	6	22.95	22.83	22.93	24.00	
		12	13	22.86	22.92	22.97	24.00	
		25	0	22.88	22.85	22.95	24.00	
	16QAM	1	0	22.90	23.24	23.25	24.00	
		1	13	23.20	23.45	22.89	24.00	
		1	24	22.82	23.45	22.88	24.00	
		12	0	21.84	21.91	21.88	23.00	
		12	6	21.87	21.84	21.90	23.00	
		12	13	21.91	21.92	22.00	23.00	
		25	0	21.92	21.80	21.90	23.00	
	64QAM	1	0	21.82	21.73	21.83	23.00	
		1	13	21.82	21.82	21.88	23.00	
		1	24	21.86	21.89	21.82	23.00	
		12	0	20.98	20.80	20.66	22.00	
		12	6	20.70	20.68	20.83	22.00	
		12	13	21.03	20.77	20.66	22.00	
		25	0	20.84	20.84	20.89	22.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18650	18900	19150	
	10MHz	QPSK	1	0	23.60	23.65	23.74	25.00
1			25	23.71	23.71	23.61	25.00	
1			49	23.76	23.72	23.82	25.00	
25			0	22.81	22.90	22.80	24.00	
25			13	22.94	23.00	22.99	24.00	
25			25	22.90	23.02	23.01	24.00	
50			0	22.92	22.97	22.97	24.00	
16QAM		1	0	23.00	23.46	22.89	24.00	
		1	25	23.03	23.09	23.42	24.00	
		1	49	23.03	22.93	23.40	24.00	
		25	0	21.76	21.73	21.75	23.00	
		25	13	22.00	21.95	21.92	23.00	
		25	25	21.97	21.93	22.01	23.00	

		50	0	22.00	21.89	21.79	23.00
	64QAM	1	0	21.71	21.79	21.82	23.00
		1	25	21.83	21.71	21.89	23.00
		1	49	21.75	21.85	21.79	23.00
		25	0	20.87	20.65	20.83	22.00
		25	13	20.83	20.96	20.83	22.00
		25	25	20.68	21.02	20.97	22.00
		50	0	20.89	20.72	20.61	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.68	23.79	23.86	25.00
		1	38	23.86	23.69	23.87	25.00
		1	74	23.90	23.83	23.86	25.00
		36	0	22.82	22.85	22.95	24.00
		36	18	22.96	22.91	22.89	24.00
		36	39	23.07	23.00	23.03	24.00
		75	0	22.94	22.99	22.94	24.00
	16QAM	1	0	23.12	23.29	23.32	24.00
		1	38	22.97	23.09	22.81	24.00
		1	74	23.21	23.37	23.18	24.00
		36	0	21.81	21.88	21.89	23.00
		36	18	21.99	21.95	22.06	23.00
		36	39	22.02	21.97	21.96	23.00
		75	0	22.01	21.92	21.96	23.00
	64QAM	1	0	21.80	21.76	21.82	23.00
		1	38	21.85	21.87	21.77	23.00
		1	74	21.80	21.81	21.81	23.00
		36	0	20.75	20.82	20.73	22.00
36		18	20.87	20.86	20.64	22.00	
36		39	20.89	21.03	20.86	22.00	
75		0	20.97	20.65	20.70	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.82	23.78	23.75	25.00
		1	50	23.88	23.79	23.75	25.00
		1	99	23.67	23.88	23.84	25.00
		50	0	22.90	22.84	22.91	24.00
		50	25	22.96	22.91	23.01	24.00
		50	50	23.02	23.01	23.09	24.00
		100	0	22.97	22.97	22.90	24.00
	16QAM	1	0	23.09	23.19	23.03	24.00
		1	50	23.02	23.01	23.12	24.00
		1	99	23.09	23.24	23.09	24.00
		50	0	21.90	21.88	21.93	23.00
		50	25	22.07	21.96	22.06	23.00
		50	50	21.99	22.06	22.01	23.00
		100	0	22.00	21.87	21.97	23.00
	64QAM	1	0	21.73	21.72	21.78	23.00
		1	50	21.88	21.79	21.72	23.00
		1	99	21.78	21.74	21.71	23.00
		50	0	20.65	20.68	20.79	22.00
50		25	20.84	20.82	20.99	22.00	
50		50	20.87	21.02	21.05	22.00	
100		0	20.91	20.99	20.74	22.00	

LTE Band 2 Receiver on & Hotspot on				Conducted Power (dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	17.24	17.46	17.69	18.50
		1	2	17.34	17.78	17.29	18.50
		1	5	17.57	17.76	17.80	18.50
		3	0	17.04	17.17	17.15	18.50
		3	2	17.12	17.22	17.16	18.50
		3	3	17.10	17.19	17.10	18.50
		6	0	17.13	17.26	17.21	18.50
	16QAM	1	0	17.04	17.17	17.09	18.50
		1	2	17.13	17.20	17.18	18.50
		1	5	17.03	17.15	17.10	18.50
		3	0	17.19	17.31	17.23	18.50
		3	2	17.24	17.28	17.30	18.50
		3	3	17.12	17.30	17.07	18.50
		6	0	17.15	17.19	17.12	18.50
	64QAM	1	0	17.33	17.52	17.24	18.50
		1	2	17.44	17.52	17.69	18.50
		1	5	17.51	17.32	17.31	18.50
		3	0	17.29	17.60	17.49	18.50
		3	2	17.56	17.54	17.46	18.50
		3	3	17.34	17.35	17.46	18.50
		6	0	17.38	17.45	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	17.73	17.67	17.21	18.50
		1	7	17.65	17.68	17.46	18.50
		1	14	17.27	17.44	17.50	18.50
		8	0	17.27	17.20	17.27	18.50
		8	4	17.22	17.30	17.25	18.50
		8	7	17.32	17.31	17.26	18.50
		15	0	17.27	17.24	17.20	18.50
	16QAM	1	0	17.09	17.13	17.05	18.50
		1	7	17.09	17.33	17.21	18.50
		1	14	17.18	17.27	17.17	18.50
		8	0	17.31	17.40	17.28	18.50
		8	4	17.29	17.23	17.43	18.50
		8	7	17.35	17.36	17.29	18.50
		15	0	17.42	17.24	17.25	18.50
	64QAM	1	0	17.35	17.31	17.43	18.50
		1	7	17.66	17.30	17.40	18.50
		1	14	17.22	17.45	17.64	18.50
		8	0	17.58	17.44	17.60	18.50
		8	4	17.21	17.62	17.68	18.50
		8	7	17.68	17.36	17.41	18.50
		15	0	17.50	17.48	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	17.24	17.71	17.40	18.50
		1	13	17.28	17.86	17.82	18.50
		1	24	17.65	17.61	17.42	18.50

		12	0	17.22	17.27	17.22	18.50
		12	6	17.22	17.33	17.34	18.50
		12	13	17.26	17.36	17.26	18.50
		25	0	17.20	17.25	17.32	18.50
	16QAM	1	0	16.98	17.08	17.11	18.50
		1	13	17.20	17.38	17.20	18.50
		1	24	17.33	17.35	17.17	18.50
		12	0	17.15	17.28	17.21	18.50
		12	6	17.36	17.30	17.38	18.50
		12	13	17.23	17.38	17.38	18.50
	64QAM	25	0	17.21	17.21	17.35	18.50
		1	0	17.45	17.49	17.46	18.50
		1	13	17.60	17.69	17.51	18.50
		1	24	17.64	17.31	17.64	18.50
		12	0	17.38	17.32	17.48	18.50
12		6	17.26	17.21	17.27	18.50	
		12	13	17.21	17.47	17.67	18.50
		25	0	17.27	17.63	17.39	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	17.64	17.19	17.87	18.50
		1	25	17.30	17.63	17.65	18.50
		1	49	17.36	17.86	17.33	18.50
		25	0	17.19	17.26	17.17	18.50
		25	13	17.31	17.30	17.32	18.50
		25	25	17.31	17.32	17.40	18.50
	16QAM	50	0	17.27	17.29	17.19	18.50
		1	0	17.07	17.21	17.23	18.50
		1	25	17.20	17.27	17.21	18.50
		1	49	17.17	17.31	17.28	18.50
		25	0	17.21	17.17	17.25	18.50
		25	13	17.29	17.31	17.31	18.50
	64QAM	25	25	17.30	17.44	17.32	18.50
		50	0	17.31	17.22	17.28	18.50
		1	0	17.29	17.29	17.61	18.50
		1	25	17.35	17.45	17.45	18.50
		1	49	17.21	17.28	17.50	18.50
		25	0	17.46	17.29	17.44	18.50
		25	13	17.64	17.67	17.25	18.50
		25	25	17.23	17.44	17.53	18.50
		50	0	17.45	17.47	17.46	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	17.28	17.90	17.76	18.50
		1	38	17.69	17.77	17.48	18.50
		1	74	17.47	17.84	17.17	18.50
		36	0	17.18	17.28	17.22	18.50
		36	18	17.37	17.37	17.33	18.50
		36	39	17.36	17.42	17.43	18.50
	16QAM	75	0	17.28	17.29	17.30	18.50
		1	0	17.15	17.23	17.21	18.50
		1	38	17.16	17.17	17.30	18.50
		1	74	17.29	17.28	17.14	18.50
		36	0	17.26	17.20	17.21	18.50
		36	18	17.42	17.33	17.24	18.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18700	18900	19100		
20MHz	64QAM	36	39	17.40	17.37	17.28	18.50	
		75	0	17.37	17.31	17.26	18.50	
		1	0	17.66	17.56	17.68	18.50	
		1	38	17.31	17.23	17.65	18.50	
		1	74	17.31	17.58	17.35	18.50	
		36	0	17.29	17.57	17.56	18.50	
		36	18	17.58	17.60	17.36	18.50	
		36	39	17.24	17.58	17.35	18.50	
	75	0	17.38	17.29	17.62	18.50		
	20MHz	QPSK	1	0	17.44	17.87	17.50	18.50
			1	50	17.80	17.66	17.70	18.50
			1	99	17.25	17.78	17.74	18.50
			50	0	17.57	17.66	17.55	18.50
			50	25	17.67	17.67	17.73	18.50
			50	50	17.72	17.76	17.78	18.50
			100	0	17.69	17.61	17.74	18.50
		16QAM	1	0	17.29	17.25	17.25	18.50
			1	50	17.06	17.21	17.10	18.50
			1	99	17.25	17.06	17.25	18.50
			50	0	17.19	17.31	17.28	18.50
			50	25	17.42	17.32	17.40	18.50
			50	50	17.36	17.40	17.42	18.50
			100	0	17.26	17.20	17.33	18.50
		64QAM	1	0	17.27	17.54	17.68	18.50
			1	50	17.64	17.58	17.67	18.50
			1	99	17.52	17.41	17.22	18.50
			50	0	17.23	17.50	17.68	18.50
			50	25	17.25	17.49	17.42	18.50
50			50	17.28	17.33	17.25	18.50	
100			0	17.29	17.37	17.27	18.50	

LTE Band 4 Full power&Recevier off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.00	23.45	23.61	24.50
		1	2	23.06	23.50	23.59	24.50
		1	5	22.94	23.53	23.58	24.50
		3	0	23.01	23.45	23.61	24.50
		3	2	23.08	23.54	23.63	24.50
		3	3	23.08	23.42	23.59	24.50
	16QAM	6	0	22.15	22.53	22.69	23.50
		1	0	22.28	23.02	23.10	23.50
		1	2	22.69	22.54	23.23	23.50
		1	5	22.23	22.47	22.80	23.50
		3	0	22.29	22.61	22.73	23.50
		3	2	22.29	22.71	22.78	23.50
	64QAM	3	3	22.23	22.61	22.77	23.50
		6	0	21.33	21.65	21.70	22.50
		1	0	21.61	21.49	21.57	22.50
		1	2	21.47	21.56	21.50	22.50

		1	5	21.55	21.64	21.51	22.50	
		3	0	21.51	21.57	21.46	22.50	
		3	2	21.46	21.50	21.55	22.50	
		3	3	21.54	21.60	21.46	22.50	
		6	0	20.75	20.54	20.54	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	23.19	23.52	23.55	24.50	
		1	7	23.04	23.63	23.84	24.50	
		1	14	23.05	23.57	23.66	24.50	
		8	0	22.30	22.61	22.61	23.50	
		8	4	22.24	22.59	22.79	23.50	
		8	7	22.17	22.70	22.77	23.50	
	16QAM	15	0	22.14	22.59	22.62	23.50	
		1	0	22.65	22.57	22.79	23.50	
		1	7	22.55	22.77	23.21	23.50	
		1	14	22.22	22.78	23.12	23.50	
		8	0	21.39	21.64	21.75	22.50	
		8	4	21.22	21.70	21.63	22.50	
	64QAM	8	7	21.20	21.72	21.89	22.50	
		15	0	21.27	21.57	21.74	22.50	
		1	0	21.52	21.48	21.49	22.50	
		1	7	21.49	21.48	21.54	22.50	
		1	14	21.62	21.61	21.63	22.50	
		8	0	20.73	20.38	20.82	21.50	
	5MHz	QPSK	8	4	20.59	20.38	20.75	21.50
			8	7	20.50	20.76	20.64	21.50
	15		0	20.70	20.45	20.84	21.50	
Bandwidth	Modulation		RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
5MHz	QPSK		1	0	22.97	23.59	23.65	24.50
		1	13	22.97	23.59	23.56	24.50	
		1	24	23.07	23.67	23.72	24.50	
		12	0	22.06	22.58	22.67	23.50	
		12	6	22.08	22.63	22.75	23.50	
		12	13	22.16	22.64	22.71	23.50	
	16QAM	25	0	22.10	22.56	22.68	23.50	
		1	0	22.29	22.68	22.86	23.50	
		1	13	22.25	23.23	23.02	23.50	
		1	24	22.57	23.02	23.24	23.50	
		12	0	21.20	21.51	21.76	22.50	
		12	6	21.16	21.64	21.79	22.50	
	64QAM	12	13	21.25	21.70	21.68	22.50	
		25	0	21.17	21.53	21.84	22.50	
		1	0	21.49	21.64	21.49	22.50	
		1	13	21.55	21.64	21.62	22.50	
		1	24	21.59	21.61	21.48	22.50	
		12	0	20.50	20.69	20.76	21.50	
	10MHz	QPSK	12	6	20.44	20.76	20.36	21.50
			12	13	20.53	20.71	20.76	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20000					20175	20350		
10MHz	QPSK	25	0	20.51	20.83	20.80	21.50	
		1	0	22.83	23.64	23.74	24.50	
		1	25	23.25	23.47	23.50	24.50	

		1	49	23.55	23.47	23.43	24.50			
		25	0	22.17	22.57	22.65	23.50			
		25	13	22.50	22.58	22.75	23.50			
		25	25	22.56	22.73	22.81	23.50			
		50	0	22.53	22.56	22.70	23.50			
		16QAM	1	0	21.91	23.31	22.82	23.50		
			1	25	22.50	22.52	23.07	23.50		
			1	49	23.05	22.97	23.32	23.50		
			25	0	21.31	21.45	21.58	22.50		
			25	13	21.64	21.56	21.68	22.50		
	64QAM	25	25	21.44	21.64	21.84	22.50			
		50	0	21.51	21.62	21.60	22.50			
		1	0	21.53	21.57	21.58	22.50			
		1	25	21.57	21.53	21.48	22.50			
		1	49	21.63	21.49	21.52	22.50			
		25	0	20.83	20.36	20.80	21.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					20025	20175	20325			
15MHz			QPSK	1	0	23.13	23.60	23.70	24.50	
				1	38	23.33	23.56	23.53	24.50	
				1	74	23.40	23.60	23.61	24.50	
				36	0	22.49	22.66	22.69	23.50	
				36	18	22.59	22.67	22.72	23.50	
				36	39	22.46	22.70	22.64	23.50	
				75	0	22.61	22.56	22.77	23.50	
			16QAM	1	0	22.31	22.68	23.42	23.50	
				1	38	22.93	22.62	23.03	23.50	
				1	74	22.48	22.79	22.88	23.50	
				36	0	21.53	21.63	21.80	22.50	
				36	18	21.51	21.53	21.78	22.50	
				36	39	21.58	21.70	21.72	22.50	
				75	0	21.59	21.65	21.78	22.50	
			64QAM	1	0	21.48	21.60	21.54	22.50	
				1	38	21.64	21.47	21.52	22.50	
	1	74		21.56	21.62	21.58	22.50			
	36	0		20.78	20.68	20.50	21.50			
	36	18		20.72	20.64	20.44	21.50			
	36	39		20.65	20.54	20.44	21.50			
	75	0		20.47	20.57	20.56	21.50			
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					20050	20175	20300			
			20MHz	QPSK	1	0	23.18	23.73	23.64	24.50
					1	50	23.32	23.51	23.50	24.50
					1	99	23.46	23.59	23.53	24.50
					50	0	22.56	22.71	22.71	23.50
50					25	22.69	22.67	22.74	23.50	
50					50	22.54	22.59	22.77	23.50	
100					0	22.48	22.70	22.76	23.50	
16QAM				1	0	22.52	22.87	23.18	23.50	
				1	50	22.51	22.51	22.90	23.50	
				1	99	22.62	23.24	23.18	23.50	
				50	0	21.53	21.60	21.68	22.50	

64QAM	50	25	21.55	21.57	21.81	22.50
	50	50	21.51	21.70	21.66	22.50
	100	0	21.63	21.70	21.71	22.50
	1	0	21.53	21.55	21.47	22.50
	1	50	21.55	21.59	21.53	22.50
	1	99	21.64	21.53	21.56	22.50
	50	0	20.36	20.40	20.51	21.50
	50	25	20.47	20.65	20.53	21.50
	50	50	20.63	20.79	20.66	21.50
100	0	20.41	20.77	20.70	21.50	

LTE Band 4 Receiver on & Hotspot on				Conducted Power (dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	19.23	19.28	19.93	20.50	
		1	2	19.18	19.82	19.85	20.50	
		1	5	19.20	19.74	19.77	20.50	
		3	0	19.18	19.30	19.35	20.50	
		3	2	19.16	19.28	19.36	20.50	
		3	3	19.09	19.31	19.31	20.50	
		6	0	19.20	19.36	19.45	20.50	
	16QAM	1	0	19.03	19.29	19.29	20.50	
		1	2	19.08	19.33	19.45	20.50	
		1	5	19.09	19.28	19.33	20.50	
		3	0	19.04	19.21	19.44	20.50	
		3	2	19.33	19.47	19.33	20.50	
		3	3	19.03	19.44	19.26	20.50	
		6	0	19.24	19.47	19.50	20.50	
	64QAM	1	0	19.18	19.01	19.47	20.50	
		1	2	19.44	19.28	19.44	20.50	
		1	5	19.08	19.41	19.09	20.50	
		3	0	19.17	19.18	19.44	20.50	
		3	2	19.08	19.20	19.35	20.50	
		3	3	19.44	19.32	19.02	20.50	
		6	0	19.49	19.48	19.16	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
3MHz	QPSK	1	0	19.51	19.57	19.43	20.50	
		1	7	19.42	19.54	19.98	20.50	
		1	14	19.77	19.58	19.96	20.50	
		8	0	19.34	19.36	19.43	20.50	
		8	4	19.26	19.38	19.53	20.50	
		8	7	19.28	19.42	19.56	20.50	
		15	0	19.23	19.33	19.45	20.50	
	16QAM	1	0	19.12	19.31	19.45	20.50	
		1	7	19.11	19.32	19.44	20.50	
		1	14	19.32	19.44	19.46	20.50	
		8	0	19.42	19.36	19.48	20.50	
		8	4	19.36	19.43	19.43	20.50	
		8	7	19.43	19.47	19.46	20.50	
		15	0	19.43	19.32	19.55	20.50	
	64QAM	1	0	19.26	19.26	19.21	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	19.51	19.57	19.43	20.50
			1	7	19.42	19.54	19.98	20.50
			1	14	19.77	19.58	19.96	20.50
			8	0	19.34	19.36	19.43	20.50
			8	4	19.26	19.38	19.53	20.50
8			7	19.28	19.42	19.56	20.50	
15			0	19.23	19.33	19.45	20.50	
16QAM		1	0	19.12	19.31	19.45	20.50	
		1	7	19.11	19.32	19.44	20.50	
		1	14	19.32	19.44	19.46	20.50	
		8	0	19.42	19.36	19.48	20.50	
		8	4	19.36	19.43	19.43	20.50	
		8	7	19.43	19.47	19.46	20.50	
		15	0	19.43	19.32	19.55	20.50	
64QAM		1	0	19.26	19.26	19.21	20.50	

		1	7	19.14	19.14	19.03	20.50
		1	14	19.18	19.13	19.32	20.50
		8	0	19.03	19.10	19.47	20.50
		8	4	19.16	19.09	19.48	20.50
		8	7	19.01	19.26	19.01	20.50
		15	0	19.23	19.21	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.41	19.86	19.93	20.50
		1	13	19.79	19.71	19.81	20.50
		1	24	19.47	19.96	20.12	20.50
		12	0	19.30	19.39	19.48	20.50
		12	6	19.38	19.42	19.55	20.50
		12	13	19.33	19.41	19.57	20.50
		25	0	19.34	19.43	19.55	20.50
	16QAM	1	0	19.06	19.15	19.45	20.50
		1	13	19.20	19.38	19.50	20.50
		1	24	19.23	19.47	19.36	20.50
		12	0	19.36	19.50	19.50	20.50
		12	6	19.38	19.49	19.55	20.50
		12	13	19.40	19.48	19.67	20.50
		25	0	19.30	19.42	19.57	20.50
	64QAM	1	0	19.19	19.18	19.01	20.50
		1	13	19.16	19.34	19.44	20.50
		1	24	19.10	19.17	19.05	20.50
		12	0	19.12	19.20	19.17	20.50
		12	6	19.44	19.32	19.42	20.50
		12	13	19.19	19.45	19.39	20.50
		25	0	19.47	19.19	19.35	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.39	19.27	20.02	20.50
		1	25	19.47	19.88	19.65	20.50
		1	49	19.53	19.49	19.39	20.50
		25	0	19.20	19.39	19.37	20.50
		25	13	19.29	19.41	19.43	20.50
		25	25	19.30	19.47	19.52	20.50
		50	0	19.28	19.38	19.40	20.50
	16QAM	1	0	19.16	19.19	19.38	20.50
		1	25	19.19	19.34	19.34	20.50
		1	49	19.14	19.38	19.40	20.50
		25	0	19.15	19.42	19.37	20.50
		25	13	19.31	19.41	19.55	20.50
		25	25	19.33	19.39	19.66	20.50
		50	0	19.34	19.37	19.38	20.50
	64QAM	1	0	19.03	19.48	19.33	20.50
		1	25	19.31	19.44	19.35	20.50
		1	49	19.13	19.39	19.10	20.50
		25	0	19.34	19.09	19.35	20.50
		25	13	19.42	19.02	19.10	20.50
		25	25	19.05	19.14	19.13	20.50
		50	0	19.04	19.21	19.28	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.47	19.82	19.81	20.50

		1	38	19.32	19.82	19.43	20.50
		1	74	19.41	19.74	19.76	20.50
		36	0	19.28	19.44	19.52	20.50
		36	18	19.38	19.42	19.53	20.50
		36	39	19.25	19.41	19.51	20.50
		75	0	19.47	19.34	19.56	20.50
		1	0	19.27	19.35	19.45	20.50
	16QAM	1	38	19.18	19.22	19.31	20.50
		1	74	19.30	19.37	19.34	20.50
		36	0	19.26	19.51	19.39	20.50
		36	18	19.35	19.32	19.59	20.50
		36	39	19.43	19.49	19.53	20.50
		75	0	19.85	19.45	19.52	20.50
		1	0	19.17	19.39	19.25	20.50
	64QAM	1	38	19.23	19.08	19.28	20.50
		1	74	19.08	19.10	19.36	20.50
		36	0	19.34	19.37	19.04	20.50
		36	18	19.14	19.15	19.07	20.50
		36	39	19.03	19.44	19.37	20.50
		75	0	19.14	19.01	19.41	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	19.44	20.01	19.64	20.50
		1	50	19.28	19.84	20.01	20.50
		1	99	19.49	19.55	19.55	20.50
		50	0	19.63	19.72	19.82	20.50
		50	25	19.73	19.72	19.81	20.50
		50	50	19.67	19.71	19.82	20.50
		100	0	19.71	19.77	19.84	20.50
	16QAM	1	0	19.30	19.37	19.52	20.50
		1	50	19.03	19.25	19.18	20.50
		1	99	19.16	19.39	19.35	20.50
		50	0	19.31	19.41	19.43	20.50
		50	25	19.47	19.48	19.51	20.50
		50	50	19.33	19.40	19.45	20.50
		100	0	19.40	19.35	19.53	20.50
	64QAM	1	0	19.42	19.28	19.12	20.50
		1	50	19.39	19.38	19.36	20.50
		1	99	19.49	19.33	19.47	20.50
		50	0	19.35	19.30	19.43	20.50
		50	25	19.40	19.03	19.49	20.50
		50	50	19.34	19.46	19.47	20.50
		100	0	19.21	19.42	19.04	20.50

LTE Band 7 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.88	19.61	19.75	21.00
		1	13	19.74	19.96	20.12	21.00
		1	24	19.79	19.71	19.59	21.00
		12	0	19.59	19.57	19.61	21.00
		12	6	19.63	19.66	19.65	21.00

	16QAM	12	13	19.60	19.64	19.74	21.00	
		25	0	19.64	19.65	19.63	21.00	
		1	0	19.34	19.44	19.54	21.00	
		1	13	19.39	19.68	19.53	21.00	
		1	24	19.52	19.57	19.55	21.00	
		12	0	19.55	19.57	19.66	21.00	
		12	6	19.57	19.69	19.64	21.00	
		12	13	19.60	19.64	19.67	21.00	
	64QAM	25	0	19.63	19.69	19.67	21.00	
		1	0	19.37	19.58	19.64	21.00	
		1	13	19.79	19.45	19.34	21.00	
		1	24	19.33	19.62	19.43	21.00	
		12	0	19.36	19.49	19.72	21.00	
		12	6	19.31	19.66	19.78	21.00	
10MHz	QPSK	12	13	19.35	19.62	19.54	21.00	
		25	0	19.75	19.66	19.63	21.00	
		1	0	19.55	19.82	19.67	21.00	
		1	25	19.68	20.00	19.94	21.00	
		1	49	19.75	20.18	19.83	21.00	
		25	0	19.49	19.58	19.65	21.00	
		25	13	19.58	19.60	19.79	21.00	
	16QAM	25	25	19.63	19.68	19.70	21.00	
		50	0	19.59	19.50	19.68	21.00	
		1	0	19.46	19.36	19.32	21.00	
		1	25	19.40	19.46	19.52	21.00	
		1	49	19.48	19.61	19.53	21.00	
		25	0	19.69	19.53	19.52	21.00	
		25	13	19.66	19.60	19.79	21.00	
64QAM	25	25	19.67	19.74	19.65	21.00		
	50	0	19.59	19.71	19.71	21.00		
	1	0	19.64	19.64	19.36	21.00		
	1	25	19.45	19.47	19.53	21.00		
	1	49	19.48	19.76	19.53	21.00		
	25	0	19.39	19.73	19.77	21.00		
	25	13	19.69	19.71	19.75	21.00		
15MHz	QPSK	25	25	19.43	19.57	19.50	21.00	
		50	0	19.54	19.62	19.44	21.00	
		1	0	20.03	19.71	20.09	21.00	
		1	38	19.45	19.85	19.63	21.00	
		1	74	20.10	19.61	19.90	21.00	
		36	0	19.67	19.50	19.62	21.00	
		36	18	19.66	19.65	19.76	21.00	
	16QAM	36	39	19.63	19.71	19.76	21.00	
		75	0	19.66	19.48	19.75	21.00	
		1	0	19.46	19.48	19.47	21.00	
		1	38	19.56	19.51	19.63	21.00	
		1	74	19.54	19.70	19.69	21.00	
		36	0	19.63	19.57	19.63	21.00	
		36	18	19.62	19.58	19.81	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20800	21100	21400		
	15MHz	QPSK	36	39	19.69	19.69	19.82	21.00
			75	0	19.62	19.65	19.75	21.00
			1	0	19.62	19.65	19.75	21.00
			1	38	19.62	19.65	19.75	21.00
			1	74	19.62	19.65	19.75	21.00
			36	0	19.62	19.65	19.75	21.00
			36	18	19.62	19.65	19.75	21.00
		16QAM	36	39	19.62	19.65	19.75	21.00
			75	0	19.62	19.65	19.75	21.00
			1	0	19.62	19.65	19.75	21.00
			1	38	19.62	19.65	19.75	21.00
			1	74	19.62	19.65	19.75	21.00
36			0	19.62	19.65	19.75	21.00	
36			18	19.62	19.65	19.75	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20850	21100	21350		
20MHz	64QAM	1	0	19.67	19.74	19.38	21.00	
		1	38	19.62	19.48	19.54	21.00	
		1	74	19.66	19.33	19.59	21.00	
		36	0	19.45	19.76	19.66	21.00	
		36	18	19.38	19.59	19.71	21.00	
		36	39	19.43	19.68	19.66	21.00	
		75	0	19.60	19.55	19.71	21.00	
	20MHz	QPSK	1	0	19.76	20.03	20.15	21.00
			1	50	19.95	19.87	19.59	21.00
			1	99	19.68	20.21	20.05	21.00
			50	0	19.50	19.62	19.59	21.00
			50	25	19.63	19.66	19.74	21.00
			50	50	19.84	19.81	19.82	21.00
			100	0	19.59	19.71	19.68	21.00
		16QAM	1	0	19.51	19.41	19.42	21.00
			1	50	19.69	19.64	19.56	21.00
			1	99	19.45	19.60	19.67	21.00
			50	0	19.48	19.65	19.74	21.00
			50	25	19.70	19.73	19.70	21.00
			50	50	19.67	19.70	19.81	21.00
			100	0	19.69	19.66	19.74	21.00
64QAM		1	0	19.34	19.53	19.49	21.00	
		1	50	19.35	19.66	19.63	21.00	
		1	99	19.59	19.48	19.79	21.00	
		50	0	19.59	19.47	19.33	21.00	
		50	25	19.43	19.67	19.52	21.00	
		50	50	19.44	19.77	19.35	21.00	
		100	0	19.54	19.69	19.65	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	17.81	17.75	17.74	19.00
		1	13	17.83	17.84	17.67	19.00
		1	24	17.87	17.77	17.73	19.00
		12	0	17.96	17.74	17.76	19.00
		12	6	17.93	17.84	17.81	19.00
		12	13	17.93	17.81	17.76	19.00
		25	0	17.92	17.83	17.78	19.00
	16QAM	1	0	17.89	17.62	17.79	19.00
		1	13	17.77	17.87	17.78	19.00
		1	24	17.82	17.93	17.92	19.00
		12	0	17.88	17.69	17.69	19.00
		12	6	17.92	17.85	17.82	19.00
		12	13	17.88	17.82	17.80	19.00
		25	0	17.95	17.84	17.82	19.00
	64QAM	1	0	17.90	17.88	17.83	19.00
		1	13	17.55	17.90	17.94	19.00
		1	24	17.83	17.87	17.48	19.00

		12	0	17.72	17.70	17.73	19.00
		12	6	17.66	17.86	17.60	19.00
		12	13	17.83	17.66	17.89	19.00
		25	0	17.91	17.89	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	17.72	17.55	17.44	19.00
		1	25	17.66	17.71	17.40	19.00
		1	49	17.82	17.72	17.61	19.00
		25	0	17.84	17.66	17.64	19.00
		25	13	17.91	17.83	17.75	19.00
		25	25	17.99	17.81	17.80	19.00
		50	0	17.93	17.83	17.76	19.00
	16QAM	1	0	17.89	17.89	17.68	19.00
		1	25	17.92	17.92	17.81	19.00
		1	49	17.90	17.87	17.88	19.00
		25	0	17.74	17.68	17.75	19.00
		25	13	17.86	17.74	17.75	19.00
		25	25	17.97	17.82	17.85	19.00
		50	0	17.95	17.67	17.68	19.00
	64QAM	1	0	17.72	17.61	17.93	19.00
		1	25	17.73	17.73	17.75	19.00
		1	49	17.92	17.78	17.55	19.00
		25	0	17.53	17.48	17.83	19.00
		25	13	17.73	17.82	17.89	19.00
		25	25	17.58	17.82	17.55	19.00
		50	0	17.71	17.46	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	17.79	17.66	17.76	19.00
		1	38	17.74	17.75	17.74	19.00
		1	74	17.75	17.77	17.77	19.00
		36	0	17.97	17.71	17.72	19.00
		36	18	18.00	17.79	17.72	19.00
		36	39	17.97	17.86	17.86	19.00
		75	0	17.95	17.68	17.68	19.00
	16QAM	1	0	17.95	17.50	17.83	19.00
		1	38	17.82	17.88	17.91	19.00
		1	74	17.53	17.94	17.84	19.00
		36	0	17.92	17.64	17.75	19.00
		36	18	17.95	17.80	17.73	19.00
		36	39	17.93	17.84	17.83	19.00
		75	0	17.88	17.79	17.72	19.00
	64QAM	1	0	17.89	17.49	17.93	19.00
		1	38	17.61	17.48	17.78	19.00
		1	74	17.72	17.65	17.51	19.00
		36	0	17.58	17.92	17.66	19.00
		36	18	17.90	17.73	17.53	19.00
		36	39	17.61	17.65	17.83	19.00
		75	0	17.48	17.79	17.88	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.86	17.66	17.83	19.00
		1	50	17.84	17.85	17.88	19.00
		1	99	17.91	17.72	17.70	19.00

		50	0	17.50	17.57	17.74	19.00
		50	25	17.56	17.73	17.86	19.00
		50	50	17.77	17.79	17.97	19.00
		100	0	17.70	17.64	17.92	19.00
	16QAM	1	0	17.70	17.68	17.88	19.00
		1	50	17.80	17.85	17.95	19.00
		1	99	17.78	17.65	17.68	19.00
		50	0	17.85	17.54	17.68	19.00
		50	25	17.85	17.88	17.74	19.00
		50	50	17.91	17.92	17.82	19.00
	64QAM	100	0	17.56	17.68	17.85	19.00
		1	0	17.56	17.84	17.62	19.00
		1	50	17.78	17.66	17.77	19.00
		1	99	17.65	17.59	17.62	19.00
		50	0	17.78	17.67	17.69	19.00
		50	25	17.58	17.88	17.55	19.00
		50	50	17.52	17.66	17.65	19.00
		100	0	17.87	17.87	17.92	19.00

LTE Band 38 Receiver off & Hotspot off				Conducted Power (dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.74	21.66	21.39	23.00
		1	13	21.68	21.62	21.58	23.00
		1	24	21.70	21.72	21.54	23.00
		12	0	21.65	21.47	21.45	23.00
		12	6	21.61	21.59	21.58	23.00
		12	13	21.66	21.53	21.45	23.00
		25	0	21.57	21.51	21.54	23.00
	16QAM	1	0	21.52	21.37	21.39	23.00
		1	13	21.52	21.43	21.45	23.00
		1	24	21.50	21.43	21.38	23.00
		12	0	21.57	21.50	21.42	23.00
		12	6	21.68	21.51	21.50	23.00
		12	13	21.62	21.57	21.47	23.00
		25	0	21.66	21.51	21.50	23.00
	64QAM	1	0	21.40	21.39	21.42	23.00
		1	13	21.35	21.36	21.48	23.00
		1	24	21.41	21.47	21.39	23.00
		12	0	20.62	20.41	20.30	22.00
		12	6	20.60	20.50	20.27	22.00
		12	13	20.64	20.58	20.65	22.00
		25	0	20.66	20.48	20.40	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK			37800	38000	38200	
		1	0	21.65	21.64	21.49	23.00
		1	25	21.62	21.51	21.41	23.00
		1	49	21.67	21.49	21.38	23.00
		25	0	21.60	21.53	21.40	23.00
		25	13	21.60	21.55	21.54	23.00
		25	25	21.69	21.59	21.45	23.00
		50	0	21.66	21.50	21.39	23.00

	16QAM	1	0	21.35	21.39	21.47	23.00
		1	25	21.47	21.51	21.42	23.00
		1	49	21.69	21.48	21.48	23.00
		25	0	21.64	21.55	21.46	23.00
		25	13	21.74	21.65	21.54	23.00
		25	25	21.54	21.59	21.44	23.00
		50	0	21.71	21.50	21.49	23.00
	64QAM	1	0	21.49	21.41	21.32	23.00
		1	25	21.33	21.42	21.49	23.00
		1	49	21.47	21.49	21.40	23.00
		25	0	20.50	20.38	20.63	22.00
		25	13	20.57	20.55	20.22	22.00
		25	25	20.59	20.58	20.67	22.00
		50	0	20.60	20.35	20.49	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	21.61	21.58	21.50	23.00
		1	38	21.53	21.66	21.45	23.00
		1	74	21.64	21.50	21.41	23.00
		36	0	21.58	21.56	21.40	23.00
		36	18	21.63	21.55	21.55	23.00
		36	39	21.56	21.53	21.44	23.00
		75	0	21.62	21.51	21.52	23.00
	16QAM	1	0	21.40	21.51	21.31	23.00
		1	38	21.52	21.35	21.41	23.00
		1	74	21.43	21.42	21.19	23.00
		36	0	21.60	21.54	21.45	23.00
		36	18	21.58	21.55	21.48	23.00
		36	39	21.58	21.52	21.34	23.00
		75	0	21.47	21.55	21.51	23.00
	64QAM	1	0	21.41	21.40	21.49	23.00
		1	38	21.49	21.37	21.38	23.00
		1	74	21.44	21.42	21.34	23.00
		36	0	20.39	20.37	20.44	22.00
		36	18	20.49	20.39	20.47	22.00
		36	39	20.24	20.51	20.36	22.00
		75	0	20.60	20.27	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 37850	Channel 38000	Channel 38150	Tune up
20MHz	QPSK	1	0	21.71	21.59	21.53	23.00
		1	50	21.65	21.61	21.55	23.00
		1	99	21.53	21.51	21.54	23.00
		50	0	21.54	21.65	21.56	23.00
		50	25	21.69	21.57	21.50	23.00
		50	50	21.60	21.69	21.48	23.00
		100	0	21.63	21.64	21.58	23.00
	16QAM	1	0	21.60	21.53	21.64	23.00
		1	50	21.46	21.40	21.39	23.00
		1	99	21.52	21.43	21.36	23.00
		50	0	21.66	21.64	21.65	23.00
		50	25	21.51	21.55	21.64	23.00
		50	50	21.43	21.66	21.59	23.00
		100	0	21.68	21.62	21.57	23.00
	64QAM	1	0	21.37	21.35	21.49	23.00
		1	50	21.36	21.47	21.33	23.00

		1	99	21.39	21.46	21.37	23.00
		50	0	20.40	20.56	20.28	22.00
		50	25	20.55	20.21	20.28	22.00
		50	50	20.31	20.46	20.40	22.00
		100	0	20.23	20.55	20.34	22.00

LTE Band 38 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.08	19.08	18.93	20.50
		1	13	19.20	19.28	19.16	20.50
		1	24	19.22	19.16	19.04	20.50
		12	0	19.24	19.05	18.99	20.50
		12	6	19.14	19.06	19.06	20.50
		12	13	19.16	19.13	19.05	20.50
		25	0	19.17	19.02	19.00	20.50
	16QAM	1	0	19.03	18.90	18.84	20.50
		1	13	19.15	19.06	18.96	20.50
		1	24	18.98	19.01	18.89	20.50
		12	0	19.12	19.10	19.01	20.50
		12	6	19.18	19.08	19.02	20.50
		12	13	19.13	19.05	19.00	20.50
		25	0	19.19	19.08	19.02	20.50
	64QAM	1	0	18.72	19.09	19.15	20.50
		1	13	19.04	19.11	19.11	20.50
		1	24	18.99	19.12	19.15	20.50
		12	0	19.13	18.86	18.74	20.50
		12	6	19.15	18.95	18.79	20.50
		12	13	18.72	18.89	18.71	20.50
		25	0	19.10	18.83	19.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.03	19.05	18.80	20.50
		1	25	19.12	19.03	18.89	20.50
		1	49	19.19	18.99	18.97	20.50
		25	0	19.16	19.05	18.96	20.50
		25	13	19.15	19.09	18.94	20.50
		25	25	19.16	19.15	19.01	20.50
		50	0	19.13	19.07	19.00	20.50
	16QAM	1	0	19.13	19.14	19.04	20.50
		1	25	19.13	19.08	19.00	20.50
		1	49	19.17	19.12	18.89	20.50
		25	0	18.99	18.94	18.88	20.50
		25	13	19.18	19.12	18.92	20.50
		25	25	19.09	18.97	19.06	20.50
		50	0	19.17	18.98	18.95	20.50
	64QAM	1	0	18.79	18.98	18.95	20.50
		1	25	18.80	19.11	18.96	20.50
		1	49	19.00	18.91	18.96	20.50
		25	0	19.04	19.04	18.75	20.50
		25	13	18.75	19.05	19.13	20.50
		25	25	18.85	18.87	18.81	20.50
		25	25	18.85	18.87	18.81	20.50

Bandwidth	Modulation	50	0	18.99	19.03	19.15	20.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.10	19.11	19.00	20.50
		1	38	19.01	19.19	18.95	20.50
		1	74	19.12	19.08	19.02	20.50
		36	0	19.08	19.11	19.01	20.50
		36	18	19.14	19.00	19.07	20.50
		36	39	19.04	19.07	19.00	20.50
		75	0	19.03	19.08	18.99	20.50
	16QAM	1	0	18.95	18.96	18.88	20.50
		1	38	18.89	18.91	18.87	20.50
		1	74	19.01	18.90	18.86	20.50
		36	0	19.05	19.09	18.87	20.50
		36	18	19.11	19.10	18.97	20.50
		36	39	19.12	18.99	19.03	20.50
		75	0	19.10	19.05	19.06	20.50
	64QAM	1	0	18.95	18.81	19.06	20.50
		1	38	18.77	19.09	19.01	20.50
		1	74	18.85	19.12	18.99	20.50
		36	0	19.00	18.99	18.96	20.50
		36	18	18.95	18.72	18.90	20.50
		36	39	18.80	19.02	19.13	20.50
		75	0	18.98	19.10	18.99	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	18.89	19.08	18.99	20.50
		1	50	18.98	19.20	18.91	20.50
		1	99	19.03	18.91	18.89	20.50
		50	0	19.09	19.09	18.95	20.50
		50	25	19.14	19.05	19.23	20.50
		50	50	19.05	19.16	19.05	20.50
		100	0	19.13	19.10	19.00	20.50
	16QAM	1	0	19.08	19.08	19.02	20.50
		1	50	19.07	19.06	18.97	20.50
		1	99	19.14	19.09	19.00	20.50
		50	0	19.19	19.13	19.08	20.50
		50	25	19.17	19.01	19.10	20.50
		50	50	19.05	19.09	19.11	20.50
		100	0	19.19	19.06	19.04	20.50
	64QAM	1	0	18.80	18.80	18.92	20.50
		1	50	18.91	19.15	19.08	20.50
		1	99	18.97	18.80	18.82	20.50
		50	0	18.97	18.96	19.09	20.50
		50	25	18.72	19.17	19.09	20.50
		50	50	19.05	18.72	18.84	20.50
		100	0	19.02	19.03	19.04	20.50

LTE Band 41 Receiver off&Hotspot off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	20.97	21.01	20.84	20.95	20.78	22.50
		1	13	21.11	21.09	21.01	21.01	20.98	22.50
		1	24	21.04	21.05	20.90	20.90	20.79	22.50
		12	0	21.08	21.18	21.02	20.99	20.96	22.50
		12	6	21.21	21.23	21.08	21.10	20.97	22.50
		12	13	21.14	21.16	21.06	21.14	20.96	22.50
	16QAM	25	0	21.13	21.17	21.01	21.10	20.96	22.50
		1	0	21.06	21.08	20.96	20.97	20.95	22.50
		1	13	21.18	21.20	21.13	21.20	21.07	22.50
		1	24	21.11	21.20	20.98	21.11	20.95	22.50
		12	0	21.13	21.16	21.05	20.99	20.89	22.50
		12	6	21.16	21.19	21.05	21.04	20.89	22.50
	64QAM	12	13	21.14	21.10	21.04	21.07	20.85	22.50
		25	0	21.15	21.05	21.02	21.10	20.89	22.50
		1	0	21.14	21.19	21.04	21.09	21.15	22.50
		1	13	21.10	21.12	21.02	21.03	21.01	22.50
		1	24	21.13	21.17	21.04	21.01	21.01	22.50
		12	0	20.93	20.87	20.84	20.89	20.79	22.00
10MHz	QPSK	12	6	20.85	20.83	20.73	20.70	20.97	22.00
		12	13	20.66	20.73	20.60	20.70	20.65	22.00
		25	0	20.61	20.83	20.51	21.01	21.04	22.00
		1	0	20.95	21.03	20.88	20.97	20.94	22.50
		1	25	21.08	21.10	20.98	21.05	20.95	22.50
		1	49	21.03	20.82	20.94	20.90	20.78	22.50
	16QAM	25	0	21.13	21.11	21.01	21.06	20.85	22.50
		25	13	21.10	21.13	21.05	21.06	20.97	22.50
		25	25	21.21	21.14	21.13	21.03	20.94	22.50
		50	0	21.12	21.21	20.97	21.07	20.99	22.50
		1	0	21.12	21.16	20.98	21.05	20.94	22.50
		1	25	21.09	21.17	20.94	21.09	20.96	22.50
	64QAM	1	49	21.12	21.18	21.05	21.07	20.97	22.50
		25	0	21.11	21.15	21.00	21.04	20.84	22.50
		25	13	21.14	21.17	20.99	21.11	20.95	22.50
		25	25	21.02	21.14	20.88	20.93	21.00	22.50
		50	0	21.08	21.03	21.02	21.15	20.95	22.50
		1	0	21.14	21.05	20.99	21.04	21.04	22.50
15MHz	QPSK	1	25	21.17	21.19	21.06	21.08	21.11	22.50
		1	49	21.15	21.03	21.00	21.09	21.07	22.50
		25	0	21.06	20.70	20.96	20.82	20.70	22.00
		25	13	20.99	20.65	20.84	20.83	20.73	22.00
		25	25	20.83	20.91	20.72	21.04	20.91	22.00
		50	0	20.68	20.92	20.61	21.00	20.62	22.00
	QPSK	1	0	20.96	21.04	20.83	20.93	20.78	22.50
		1	38	21.06	20.97	20.91	20.94	20.82	22.50
		1	74	20.90	21.01	20.78	21.04	20.86	22.50
		36	0	21.09	21.14	20.98	21.06	20.90	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	16QAM	36	18	21.13	21.09	20.99	21.00	20.99	22.50	
		36	39	21.12	21.12	20.98	20.99	20.91	22.50	
		75	0	21.09	21.19	20.97	20.90	20.93	22.50	
		1	0	21.13	21.13	21.08	21.11	21.08	22.50	
		1	38	21.08	21.18	20.99	20.93	20.84	22.50	
		1	74	21.16	21.08	21.10	21.15	20.98	22.50	
		36	0	21.03	21.06	20.88	20.98	20.85	22.50	
		36	18	21.16	21.17	21.11	20.94	20.84	22.50	
		36	39	21.08	21.12	20.97	20.99	20.98	22.50	
	64QAM	75	0	21.14	21.00	21.09	20.96	20.93	22.50	
		1	0	21.08	21.06	21.00	21.10	21.13	22.50	
		1	38	21.03	21.10	20.91	21.18	21.05	22.50	
		1	74	21.04	21.11	20.89	21.16	21.14	22.50	
		36	0	20.77	20.82	20.66	20.97	20.92	22.00	
		36	18	20.70	20.64	20.63	20.65	20.95	22.00	
		36	39	21.01	20.68	20.89	21.04	21.09	22.00	
		75	0	20.97	20.98	20.88	20.62	20.94	22.00	
		20MHz	QPSK	1	0	21.06	21.16	20.95	21.06	20.89
	1			50	21.17	21.29	21.04	20.91	20.93	22.50
	1			99	21.15	21.11	21.08	21.04	20.90	22.50
	50			0	21.12	21.09	20.99	21.08	21.01	22.50
50	25			21.13	21.15	21.02	21.17	20.97	22.50	
50	50			21.19	21.13	21.08	21.07	21.00	22.50	
100	0			21.25	21.16	21.19	21.14	20.95	22.50	
16QAM	1		0	21.03	21.20	20.89	21.28	21.03	22.50	
	1		50	21.11	21.20	21.04	21.05	20.95	22.50	
	1		99	21.20	21.28	21.15	21.22	20.91	22.50	
	50		0	21.15	21.19	21.10	21.08	20.95	22.50	
	50		25	21.23	21.27	21.13	21.17	21.00	22.50	
	50		50	21.26	21.24	21.12	21.06	20.97	22.50	
	100		0	21.25	21.21	21.15	21.15	20.99	22.50	
64QAM	1		0	21.14	21.03	21.08	21.06	21.09	22.50	
	1		50	21.14	21.02	21.07	21.13	21.05	22.50	
	1		99	21.17	21.14	21.07	21.04	21.01	22.50	
	50		0	20.77	20.81	20.67	20.67	20.70	22.00	
	50		25	20.96	20.78	20.87	20.94	20.62	22.00	
	50		50	20.77	20.68	20.67	20.63	21.06	22.00	
	100		0	21.05	20.62	20.97	20.90	21.03	22.00	

LTE Band 41 Receiver on&Hotspot on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.47	18.50	18.35	18.41	18.27	20.00
		1	13	18.54	18.59	18.40	18.50	18.47	20.00
		1	24	18.46	18.55	18.38	18.46	18.34	20.00
		12	0	18.63	18.67	18.50	18.57	18.43	20.00
		12	6	18.63	18.76	18.58	18.64	18.48	20.00
		12	13	18.62	18.64	18.57	18.62	18.48	20.00
		25	0	18.68	18.73	18.58	18.55	18.43	20.00
	16QAM	1	0	18.60	18.69	18.45	18.57	18.50	20.00

		1	13	18.70	18.74	18.64	18.72	18.57	20.00	
		1	24	18.72	18.70	18.62	18.59	18.51	20.00	
		12	0	18.60	18.64	18.47	18.49	18.43	20.00	
		12	6	18.61	18.71	18.48	18.56	18.53	20.00	
		12	13	18.64	18.68	18.56	18.62	18.46	20.00	
		25	0	18.72	18.71	18.65	18.65	18.52	20.00	
	64QAM	1	0	18.41	18.54	18.27	18.51	18.62	20.00	
		1	13	18.47	18.62	18.42	18.62	18.43	20.00	
		1	24	18.68	18.53	18.56	18.52	18.60	20.00	
		12	0	18.64	18.49	18.54	18.55	18.46	20.00	
		12	6	18.49	18.52	18.43	18.50	18.63	20.00	
		12	13	18.41	18.61	18.30	18.52	18.42	20.00	
		25	0	18.43	18.63	18.31	18.47	18.50	20.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39700	40160	40620	41080	41540	
10MHz		QPSK	1	0	18.46	18.39	18.35	18.50	18.23	20.00
	1		25	18.55	18.81	18.48	18.54	18.27	20.00	
	1		49	18.64	18.66	18.51	18.47	18.14	20.00	
	25		0	18.63	18.68	18.51	18.44	18.37	20.00	
	25		13	18.64	18.69	18.49	18.67	18.54	20.00	
	25		25	18.66	18.65	18.58	18.51	18.43	20.00	
	50		0	18.65	18.66	18.60	18.61	18.53	20.00	
	16QAM	1	0	18.57	18.66	18.42	18.55	18.45	20.00	
		1	25	18.63	18.71	18.52	18.67	18.39	20.00	
		1	49	18.69	18.73	18.62	18.56	18.49	20.00	
		25	0	18.70	18.66	18.55	18.50	18.52	20.00	
		25	13	18.65	18.68	18.53	18.63	18.58	20.00	
		25	25	18.66	18.76	18.55	18.47	18.45	20.00	
		50	0	18.66	18.75	18.57	18.63	18.58	20.00	
	64QAM	1	0	18.68	18.45	18.63	18.68	18.63	20.00	
		1	25	18.44	18.49	18.29	18.59	18.58	20.00	
		1	49	18.60	18.50	18.48	18.68	18.44	20.00	
		25	0	18.57	18.66	18.43	18.59	18.61	20.00	
		25	13	18.43	18.53	18.34	18.63	18.51	20.00	
		25	25	18.56	18.53	18.43	18.66	18.63	20.00	
		50	0	18.44	18.68	18.36	18.58	18.57	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
					39725	40173	40620	41068	41515	
	15MHz	QPSK	1	0	18.44	18.56	18.34	18.49	18.32	20.00
1			38	18.47	18.56	18.38	18.48	18.32	20.00	
1			74	18.51	18.80	18.42	18.48	18.44	20.00	
36			0	18.53	18.57	18.46	18.53	18.40	20.00	
36			18	18.66	18.70	18.56	18.48	18.44	20.00	
36			39	18.66	18.54	18.53	18.50	18.42	20.00	
75			0	18.68	18.70	18.54	18.55	18.43	20.00	
16QAM		1	0	18.63	18.70	18.55	18.56	18.46	20.00	
		1	38	18.57	18.51	18.44	18.46	18.43	20.00	
		1	74	18.60	18.76	18.48	18.72	18.57	20.00	
		36	0	18.56	18.57	18.41	18.58	18.38	20.00	
		36	18	18.61	18.57	18.47	18.44	18.48	20.00	
		36	39	18.60	18.60	18.45	18.54	18.39	20.00	
		75	0	18.71	18.65	18.65	18.48	18.55	20.00	
64QAM		1	0	18.45	18.46	18.35	18.46	18.43	20.00	
		1	38	18.42	18.45	18.31	18.59	18.47	20.00	
		1	74	18.51	18.53	18.44	18.59	18.53	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39750	40185	40620	41055	41490		
20MHz	QPSK	36	0	18.61	18.66	18.51	18.68	18.69	20.00	
		36	18	18.65	18.64	18.54	18.69	18.53	20.00	
		36	39	18.58	18.45	18.53	18.42	18.44	20.00	
		75	0	18.48	18.60	18.43	18.57	18.48	20.00	
	16QAM	QPSK	1	0	18.57	18.64	18.52	18.59	18.41	20.00
			1	50	18.54	18.41	18.47	18.39	18.25	20.00
			1	99	18.45	18.85	18.40	18.41	18.35	20.00
			50	0	18.52	18.57	18.42	18.53	18.44	20.00
			50	25	18.70	18.70	18.57	18.58	18.39	20.00
			50	50	18.69	18.67	18.62	18.60	18.47	20.00
	16QAM	16QAM	100	0	18.63	18.66	18.54	18.58	18.32	20.00
			1	0	18.67	18.73	18.57	18.61	18.66	20.00
			1	50	18.62	18.64	18.51	18.57	18.39	20.00
			1	99	18.55	18.68	18.40	18.65	18.49	20.00
			50	0	18.62	18.74	18.52	18.55	18.51	20.00
			50	25	18.68	18.70	18.57	18.69	18.47	20.00
	64QAM	64QAM	50	50	18.68	18.58	18.55	18.58	18.53	20.00
			100	0	18.78	18.78	18.65	18.62	18.42	20.00
			1	0	18.49	18.56	18.40	18.51	18.66	20.00
			1	50	18.51	18.65	18.39	18.51	18.54	20.00
			1	99	18.53	18.51	18.43	18.63	18.59	20.00
50			0	18.44	18.48	18.35	18.48	18.67	20.00	
64QAM	64QAM	50	25	18.65	18.48	18.54	18.66	18.50	20.00	
		50	50	18.65	18.62	18.53	18.53	18.55	20.00	
		100	0	18.43	18.43	18.36	18.52	18.64	20.00	

LTE Band 66 Receiver off & Hotspot off				Conducted Power (dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	23.18	23.14	23.22	24.00	
		1	2	23.26	23.10	23.21	24.00	
		1	5	23.14	23.19	23.16	24.00	
		3	0	23.08	23.14	23.11	24.00	
		3	1	23.10	23.16	23.14	24.00	
		3	3	23.14	23.17	23.12	24.00	
		6	0	22.11	22.10	22.21	23.00	
	16QAM	16QAM	1	0	22.09	22.08	22.19	23.00
			1	2	22.26	22.25	22.32	23.00
			1	5	22.04	22.01	22.03	23.00
			3	0	21.98	21.99	21.87	23.00
			3	1	22.08	22.07	22.10	23.00
			3	3	22.19	22.11	22.17	23.00
			6	0	20.92	21.08	21.28	22.00
	64QAM	64QAM	1	0	20.94	20.96	20.87	22.00
			1	2	20.94	20.93	20.87	22.00
			1	5	20.90	20.95	20.94	22.00
			3	0	20.82	20.83	20.95	22.00
			3	1	20.83	20.92	20.85	22.00
			3	3	20.81	20.93	20.98	22.00
			6	0	19.97	19.90	19.81	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.17	23.22	23.22	24.00
		1	7	23.13	23.30	23.21	24.00
		1	14	23.22	23.18	23.16	24.00
		8	0	22.17	22.12	22.11	23.00
		8	4	22.19	22.14	22.14	23.00
		8	7	22.27	22.18	22.24	23.00
		15	0	22.16	22.15	22.36	23.00
	16QAM	1	0	22.14	22.13	22.24	23.00
		1	7	22.27	22.26	22.06	23.00
		1	14	22.06	22.09	22.14	23.00
		8	0	21.04	21.07	20.98	22.00
		8	4	21.14	21.15	21.07	22.00
		8	7	21.25	21.19	21.14	22.00
		15	0	20.98	21.16	21.25	22.00
	64QAM	1	0	20.98	20.85	20.90	22.00
		1	7	20.92	20.96	20.84	22.00
		1	14	20.92	20.95	20.99	22.00
		8	0	19.86	19.92	19.99	21.00
		8	4	19.94	19.91	19.88	21.00
		8	7	19.90	19.94	19.85	21.00
		15	0	19.90	19.93	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	23.20	23.07	23.16	24.00
		1	13	23.19	23.03	23.24	24.00
		1	24	23.14	23.12	23.12	24.00
		12	0	22.09	22.07	22.06	23.00
		12	6	22.12	22.09	22.08	23.00
		12	13	22.17	22.10	22.26	23.00
		25	0	22.14	22.03	22.15	23.00
	16QAM	1	0	22.12	22.01	22.13	23.00
		1	13	22.29	22.22	22.26	23.00
		1	24	22.07	21.98	21.97	23.00
		12	0	20.97	20.96	20.81	22.00
		12	6	21.07	21.04	21.18	22.00
		12	13	21.18	21.08	21.25	22.00
		25	0	20.91	21.05	21.36	22.00
	64QAM	1	0	20.90	20.82	20.92	22.00
		1	13	20.81	20.87	20.91	22.00
		1	24	20.81	20.94	20.96	22.00
		12	0	19.85	19.95	19.82	21.00
		12	6	19.94	19.86	19.99	21.00
		12	13	19.94	19.95	19.95	21.00
		25	0	19.97	19.90	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.20	23.14	23.23	24.00
		1	25	23.19	23.10	23.31	24.00
		1	49	23.14	23.19	23.19	24.00
		25	0	22.09	22.14	22.13	23.00
		25	13	22.12	22.16	22.15	23.00
		25	25	22.22	22.24	22.19	23.00
		50	0	22.34	22.13	22.08	23.00

	16QAM	1	0	22.22	22.11	22.13	23.00
		1	25	22.04	22.24	22.21	23.00
		1	49	22.11	22.14	22.19	23.00
		25	0	21.09	21.12	21.03	22.00
		25	13	21.19	21.20	21.12	22.00
		25	25	21.30	21.24	21.19	22.00
		50	0	21.03	21.21	21.30	22.00
	64QAM	1	0	20.90	20.87	20.92	22.00
		1	25	20.97	20.81	20.84	22.00
		1	49	20.88	20.97	20.88	22.00
		25	0	19.94	19.88	19.82	21.00
		25	13	19.99	19.97	19.81	21.00
		25	25	19.93	19.89	19.96	21.00
		50	0	19.89	19.82	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	23.20	23.15	23.15	24.00
		1	38	23.19	23.23	23.11	24.00
		1	74	23.14	23.11	23.20	24.00
		36	0	22.09	22.05	22.15	23.00
		36	18	22.12	22.07	22.17	23.00
		36	39	22.30	22.11	22.18	23.00
		75	0	22.19	22.08	22.30	23.00
	16QAM	1	0	22.17	22.06	22.18	23.00
		1	38	22.30	22.23	22.00	23.00
		1	74	22.09	22.06	22.08	23.00
		36	0	21.03	21.04	20.92	22.00
		36	18	21.13	21.12	21.15	22.00
		36	39	21.24	21.16	21.22	22.00
		75	0	20.97	21.13	21.33	22.00
	64QAM	1	0	20.96	20.98	20.99	22.00
		1	38	20.86	20.90	20.86	22.00
		1	74	20.96	20.87	20.95	22.00
		36	0	19.81	19.91	19.88	21.00
		36	18	19.88	19.89	19.99	21.00
		36	39	19.96	19.86	19.91	21.00
		75	0	19.97	19.97	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	23.25	23.21	23.22	24.00
		1	50	23.33	23.17	23.21	24.00
		1	99	23.21	23.26	23.16	24.00
		50	0	22.15	22.21	22.11	23.00
		50	25	22.17	22.23	22.14	23.00
		50	50	22.19	22.31	22.25	23.00
		100	0	22.31	22.20	22.14	23.00
	16QAM	1	0	22.19	22.18	22.19	23.00
		1	50	22.01	22.27	22.27	23.00
		1	99	22.08	22.17	22.25	23.00
		50	0	21.10	21.15	21.09	22.00
		50	25	21.20	21.23	21.04	22.00
		50	50	21.31	21.27	21.11	22.00
		100	0	21.04	21.24	21.22	22.00
	64QAM	1	0	20.89	20.93	20.91	22.00
		1	50	20.93	20.85	20.81	22.00

		1	99	20.81	20.83	20.81	22.00
		50	0	19.91	19.96	19.82	21.00
		50	25	19.85	19.84	19.83	21.00
		50	50	19.95	19.91	19.93	21.00
		100	0	19.92	19.99	19.94	21.00

LTE Band 66 Receiver on & Hotspot on				Conducted Power (dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.25	21.22	21.32	22.00	
		1	2	21.34	21.22	21.29	22.00	
		1	5	21.19	21.30	21.23	22.00	
		3	0	21.17	21.22	21.16	22.00	
		3	1	21.22	21.26	21.19	22.00	
		3	3	21.21	21.25	21.23	22.00	
	16QAM	6	0	21.19	21.15	21.33	22.00	
		1	0	21.16	21.15	21.28	22.00	
		1	2	21.33	21.32	21.40	22.00	
		1	5	21.09	21.12	21.13	22.00	
		3	0	21.04	21.05	20.93	22.00	
		3	1	21.19	21.14	21.20	22.00	
	64QAM	3	3	21.31	21.22	21.25	22.00	
		6	0	20.92	21.08	21.28	22.00	
		1	0	20.94	20.96	20.87	22.00	
		1	2	20.94	20.93	20.87	22.00	
		1	5	20.90	20.95	20.94	22.00	
		3	0	20.82	20.83	20.95	22.00	
	3MHz	QPSK	3	1	20.83	20.92	20.85	22.00
			3	3	20.81	20.93	20.98	22.00
			6	0	19.97	19.90	19.81	21.00
1			0	21.24	21.29	21.30	22.00	
1			7	21.22	21.37	21.28	22.00	
1			14	21.34	21.29	21.22	22.00	
16QAM		8	0	21.23	20.21	20.19	22.00	
		8	4	21.25	20.19	20.19	22.00	
		8	7	21.39	20.25	20.30	22.00	
		15	0	21.26	20.25	20.47	22.00	
		1	0	21.23	20.24	20.33	22.00	
		1	7	21.39	20.37	20.13	22.00	
		1	14	21.17	20.17	20.26	22.00	
		8	0	21.04	21.07	20.98	22.00	
		8	4	21.14	21.15	21.07	22.00	
64QAM	8	7	21.25	21.19	21.14	22.00		
	15	0	20.98	21.16	21.25	22.00		
	1	0	20.98	20.85	20.90	22.00		
	1	7	20.92	20.96	20.84	22.00		
	1	14	20.92	20.95	20.99	22.00		
	8	0	19.86	19.92	19.99	21.00		
		8	4	19.94	19.91	19.88	21.00	
		8	7	19.90	19.94	19.85	21.00	

Bandwidth	Modulation	15	0	19.90	19.93	19.83	21.00
		RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	21.26	21.19	21.25	22.00
		1	13	21.26	21.14	21.33	22.00
		1	24	21.22	21.23	21.18	22.00
		12	0	21.18	21.18	21.17	22.00
		12	6	21.17	21.16	21.18	22.00
		12	13	21.25	21.17	21.35	22.00
		25	0	21.20	21.11	21.23	22.00
	16QAM	1	0	21.22	21.13	21.25	22.00
		1	13	21.34	21.27	21.33	22.00
		1	24	21.19	21.07	21.09	22.00
		12	0	20.97	20.96	20.81	22.00
		12	6	21.07	21.04	21.18	22.00
		12	13	21.18	21.08	21.25	22.00
		25	0	20.91	21.05	21.36	22.00
	64QAM	1	0	20.90	20.82	20.92	22.00
		1	13	20.81	20.87	20.91	22.00
		1	24	20.81	20.94	20.96	22.00
		12	0	19.85	19.95	19.82	21.00
		12	6	19.94	19.86	19.99	21.00
		12	13	19.94	19.95	19.95	21.00
		25	0	19.97	19.90	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	21.25	21.24	21.35	22.00
		1	25	21.28	21.17	21.40	22.00
		1	49	21.22	21.27	21.29	22.00
		25	0	21.17	21.20	21.21	22.00
		25	13	21.20	21.22	21.26	22.00
		25	25	21.30	21.30	21.31	22.00
		50	0	21.40	21.20	21.15	22.00
	16QAM	1	0	21.29	21.23	21.18	22.00
		1	25	21.12	21.30	21.30	22.00
		1	49	21.19	21.26	21.30	22.00
		25	0	21.09	21.12	21.03	22.00
		25	13	21.19	21.20	21.12	22.00
		25	25	21.30	21.24	21.19	22.00
		50	0	21.03	21.21	21.30	22.00
	64QAM	1	0	20.90	20.87	20.92	22.00
		1	25	20.97	20.81	20.84	22.00
		1	49	20.88	20.97	20.88	22.00
		25	0	19.94	19.88	19.82	21.00
		25	13	19.99	19.97	19.81	21.00
		25	25	19.93	19.89	19.96	21.00
		50	0	19.89	19.82	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	21.26	21.24	21.23	22.00
		1	38	21.28	21.32	21.16	22.00
		1	74	21.20	21.23	21.31	22.00
		36	0	21.16	21.12	21.25	22.00
		36	18	21.20	21.18	21.27	22.00
		36	39	21.38	21.22	21.27	22.00

4 Conducted Power of Main Antenna(Ant4)

4.1 Conducted Power of GSM

GSM 850 Receiver off/Hotspot off										
		Burst Output Power(dBm)			Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.28	32.34	32.30	33.00	-9.19	23.09	23.15	23.11	23.81
GPRS/EGPRS (GMSK)	1 TX Slot	32.28	32.21	32.21	33.00	-9.19	23.09	23.02	23.02	23.81
	2 TX Slots	29.86	29.76	29.58	30.00	-6.18	23.68	23.58	23.4	23.82
	3 TX Slots	27.57	27.55	27.62	28.00	-4.42	23.15	23.13	23.2	23.58
	4 TX Slots	26.60	26.72	26.63	27.00	-3.17	23.43	23.55	23.46	23.83
EGPRS(8PSK)	1 TX Slot	26.45	26.37	26.30	27.50	-9.19	17.26	17.18	17.11	18.31
	2 TX Slots	23.70	23.51	23.53	24.50	-6.18	17.52	17.33	17.35	18.32
	3 TX Slots	21.90	21.81	21.65	22.50	-4.42	17.48	17.39	17.23	18.08
	4 TX Slots	20.46	20.29	20.26	21.50	-3.17	17.29	17.12	17.09	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	29.26	29.34	29.28	30.00	-9.19	20.07	20.15	20.09	20.81
GPRS/EGPRS (GMSK)	1 TX Slot	29.17	29.34	29.27	30.00	-9.19	19.98	20.15	20.08	20.81
	2 TX Slots	26.38	26.26	25.95	27.00	-6.18	20.2	20.08	19.77	20.82
	3 TX Slots	24.52	24.38	24.23	25.00	-4.42	20.1	19.96	19.81	20.58
	4 TX Slots	23.45	23.42	23.15	24.00	-3.17	20.28	20.25	19.98	20.83
EGPRS(8PSK)	1 TX Slot	23.55	23.50	23.42	24.50	-9.19	14.36	14.31	14.23	15.31
	2 TX Slots	20.60	20.46	20.44	21.50	-6.18	14.42	14.28	14.26	15.32
	3 TX Slots	18.84	18.74	18.57	19.50	-4.42	14.42	14.32	14.15	15.08
	4 TX Slots	17.71	17.81	17.64	18.50	-3.17	14.54	14.64	14.47	15.33

Table 10: Conducted Power of GSM

4.2 Conducted Power of WCDMA

WCDMA Band V Receiver off/&Hotspot off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.32	22.28	22.19	23.50
	12.2kbps AMR	22.22	22.19	22.10	23.50
HSDPA	Subtest 1	21.82	21.70	21.80	22.50
	Subtest 2	21.63	21.80	21.61	22.50
	Subtest 3	21.40	21.29	21.46	22.00
	Subtest 4	21.24	21.17	21.09	22.00
HSUPA	Subtest 1	21.84	21.81	21.62	22.50
	Subtest 2	19.66	19.64	19.56	20.50
	Subtest 3	20.39	20.48	20.70	21.50
	Subtest 4	19.70	19.09	19.33	20.50
	Subtest 5	21.84	21.62	21.63	22.50
HSDPA	Subtest 1	21.79	21.64	21.70	22.50
	Subtest 2	21.83	21.76	21.58	22.50
	Subtest 3	21.15	21.24	21.35	22.00
	Subtest 4	21.31	21.19	21.14	22.00

WCDMA Band V Receiver on&Hotspot on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	19.84	19.87	19.82	20.50
	12.2kbps AMR	19.65	19.56	19.70	20.50
HSDPA	Subtest 1	18.96	18.83	18.93	19.50
	Subtest 2	18.75	18.92	18.74	19.50
	Subtest 3	18.55	18.42	18.60	19.00
	Subtest 4	18.34	18.30	18.23	19.00
HSUPA	Subtest 1	18.95	18.93	18.75	19.50
	Subtest 2	16.80	16.75	16.70	17.50
	Subtest 3	17.54	17.62	17.82	18.50
	Subtest 4	16.85	16.24	16.44	17.50
	Subtest 5	18.96	18.75	18.78	19.50
HSDPA	Subtest 1	18.90	18.77	18.85	19.50
	Subtest 2	18.96	18.91	18.70	19.50
	Subtest 3	18.25	18.39	18.47	19.00
	Subtest 4	18.46	18.34	18.27	19.00

Table 11: Conducted Power of WCDMA

4.3 Conducted Power of LTE

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	19.48	19.29	19.33	20.50	
		1	2	19.58	19.44	19.40	20.50	
		1	5	19.40	19.34	19.25	20.50	
		3	0	19.46	19.36	19.39	20.50	
		3	2	19.45	19.43	19.38	20.50	
		3	3	19.43	19.47	19.34	20.50	
		6	0	19.51	19.77	19.40	20.50	
	16QAM	1	0	19.67	19.58	19.60	20.50	
		1	2	19.74	19.71	19.37	20.50	
		1	5	19.57	19.53	19.50	20.50	
		3	0	19.62	19.51	19.52	20.50	
		3	2	19.65	19.56	19.31	20.50	
		3	3	19.38	19.49	19.38	20.50	
		6	0	19.64	19.61	19.39	20.50	
	64QAM	1	0	19.63	19.69	19.58	20.50	
		1	2	19.45	19.42	19.62	20.50	
		1	5	19.46	19.52	19.53	20.50	
		3	0	19.40	19.72	19.53	20.50	
		3	2	19.44	19.56	19.44	20.50	
		3	3	19.58	19.34	19.66	20.50	
		6	0	19.36	19.52	19.72	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK			20415	20525	20635	
			1	0	19.78	19.80	19.74	20.50
1			7	19.77	19.87	19.65	20.50	
1			14	19.84	19.74	19.58	20.50	
8			0	19.74	19.53	19.48	20.50	

		8	4	19.62	19.56	19.48	20.50	
		8	7	19.59	19.52	19.50	20.50	
		15	0	19.60	19.57	19.39	20.50	
	16QAM	1	0	19.66	19.68	19.62	20.50	
		1	7	19.73	19.67	19.59	20.50	
		1	14	19.45	19.44	19.47	20.50	
		8	0	19.58	19.66	19.51	20.50	
		8	4	19.72	19.68	19.66	20.50	
		8	7	19.72	19.60	19.50	20.50	
		15	0	19.65	19.59	19.52	20.50	
	64QAM	1	0	19.34	19.44	19.62	20.50	
		1	7	19.33	19.61	19.59	20.50	
		1	14	19.31	19.67	19.38	20.50	
		8	0	19.34	19.61	19.78	20.50	
		8	4	19.61	19.68	19.43	20.50	
8		7	19.60	19.56	19.40	20.50		
15		0	19.36	19.63	19.42	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up	
5MHz	QPSK	1	0	19.90	19.84	19.73	20.50	
		1	13	19.93	19.91	19.77	20.50	
		1	24	19.85	19.90	19.75	20.50	
		12	0	19.60	19.57	19.51	20.50	
		12	6	19.80	19.52	19.54	20.50	
		12	13	19.58	19.62	19.43	20.50	
		25	0	19.60	19.59	19.54	20.50	
	16QAM	1	0	19.68	19.79	19.55	20.50	
		1	13	19.57	19.59	19.68	20.50	
		1	24	19.70	19.74	19.49	20.50	
		12	0	19.64	19.62	19.59	20.50	
		12	6	19.66	19.53	19.61	20.50	
		12	13	19.63	19.53	19.49	20.50	
		25	0	19.63	19.64	19.53	20.50	
	64QAM	1	0	19.37	19.47	19.58	20.50	
		1	13	19.75	19.65	19.53	20.50	
		1	24	19.58	19.47	19.70	20.50	
		12	0	19.68	19.61	19.73	20.50	
		12	6	19.50	19.73	19.73	20.50	
		12	13	19.65	19.78	19.43	20.50	
		25	0	19.49	19.55	19.38	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
	10MHz	QPSK	1	0	19.90	19.91	19.66	20.50
			1	25	19.72	19.67	19.69	20.50
1			49	19.66	19.90	19.74	20.50	
25			0	19.52	19.58	19.57	20.50	
25			13	19.69	19.63	19.63	20.50	
25			25	19.63	19.60	19.52	20.50	
50			0	19.84	19.72	19.58	20.50	
16QAM		1	0	19.80	19.83	19.81	20.50	
		1	25	19.77	19.70	19.66	20.50	
		1	49	19.66	19.78	19.69	20.50	
		25	0	19.73	19.65	19.49	20.50	
		25	13	19.76	19.59	19.68	20.50	
		25	25	19.66	19.70	19.54	20.50	

		50	0	19.57	19.67	19.59	20.50
	64QAM	1	0	19.46	19.47	19.34	20.50
		1	25	19.74	19.78	19.56	20.50
		1	49	19.77	19.64	19.43	20.50
		25	0	19.55	19.66	19.31	20.50
		25	13	19.69	19.50	19.59	20.50
		25	25	19.49	19.59	19.71	20.50
		50	0	19.54	19.34	19.54	20.50

LTE Band 5 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	22.33	22.85	22.23	23.50
		1	2	22.70	22.94	22.58	23.50
		1	5	22.93	22.61	22.56	23.50
		3	0	22.44	22.25	22.23	23.50
		3	2	22.50	22.28	22.38	23.50
		3	3	22.41	22.43	22.36	23.50
		6	0	22.43	22.40	22.33	23.50
	16QAM	1	0	22.41	22.28	22.27	23.50
		1	2	22.44	22.40	22.33	23.50
		1	5	22.43	22.30	22.23	23.50
		3	0	22.39	22.25	22.25	23.50
		3	2	22.43	22.40	22.32	23.50
		3	3	22.31	22.31	22.21	23.50
		6	0	21.61	21.53	21.61	22.50
	64QAM	1	0	21.38	21.39	21.34	22.50
		1	2	21.46	21.36	21.43	22.50
		1	5	21.34	21.43	21.39	22.50
		3	0	21.44	21.46	21.49	22.50
		3	2	21.34	21.38	21.39	22.50
		3	3	21.47	21.36	21.36	22.50
		6	0	20.65	20.45	20.52	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	22.60	22.76	22.49	23.50
		1	7	22.84	22.38	22.28	23.50
		1	14	22.44	22.43	22.66	23.50
		8	0	22.59	22.38	22.36	23.50
		8	4	22.57	22.49	22.37	23.50
		8	7	22.46	22.44	22.34	23.50
		15	0	22.56	22.43	22.33	23.50
	16QAM	1	0	22.53	22.37	22.38	23.50
		1	7	22.30	22.31	22.18	23.50
		1	14	22.41	22.42	22.26	23.50
		8	0	21.78	21.58	21.64	22.50
		8	4	21.65	21.67	21.64	22.50
		8	7	21.77	21.67	21.64	22.50
		15	0	21.64	21.67	21.50	22.50
	64QAM	1	0	21.48	21.41	21.32	22.50
		1	7	21.38	21.31	21.49	22.50
		1	14	21.43	21.38	21.34	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20425	20525	20625		
5MHz	QPSK	8	0	20.59	20.57	20.41	21.50	
		8	4	20.68	20.50	20.62	21.50	
		8	7	20.55	20.48	20.66	21.50	
		15	0	20.69	20.50	20.48	21.50	
		1	0	23.03	22.87	22.53	23.50	
		1	13	22.71	22.91	22.79	23.50	
		1	24	22.95	22.57	22.53	23.50	
	16QAM	12	0	22.52	22.46	22.42	23.50	
		12	6	22.56	22.47	22.51	23.50	
		12	13	22.48	22.43	22.35	23.50	
		25	0	22.57	22.51	22.40	23.50	
		1	0	22.50	22.43	22.39	23.50	
		1	13	22.44	22.34	22.31	23.50	
		1	24	22.45	22.37	22.37	23.50	
	64QAM	12	0	21.74	21.74	21.56	22.50	
		12	6	21.80	21.66	21.67	22.50	
		12	13	21.60	21.68	21.56	22.50	
		25	0	21.66	21.56	21.62	22.50	
		1	0	21.31	21.33	21.49	22.50	
		1	13	21.35	21.42	21.46	22.50	
		1	24	21.47	21.31	21.41	22.50	
	10MHz	QPSK	12	0	20.63	20.55	20.66	21.50
			12	6	20.54	20.57	20.60	21.50
			12	13	20.64	20.67	20.59	21.50
			25	0	20.54	20.57	20.53	21.50
			1	0	22.58	22.70	22.48	23.50
			1	25	22.48	22.85	22.91	23.50
			1	49	22.93	22.58	22.46	23.50
16QAM		25	0	22.47	22.44	22.45	23.50	
		25	13	22.61	22.57	22.48	23.50	
		25	25	22.64	22.68	22.50	23.50	
		50	0	22.58	22.55	22.39	23.50	
	1	0	22.87	22.39	22.39	23.50		
	1	25	22.41	22.10	22.33	23.50		
	1	49	22.26	22.32	22.13	23.50		
64QAM	25	0	21.75	21.71	21.50	22.50		
	25	13	21.69	21.68	21.56	22.50		
	25	25	21.65	21.54	21.63	22.50		
	50	0	21.78	21.70	21.56	22.50		
	1	0	21.36	21.43	21.34	22.50		
	1	25	21.46	21.35	21.39	22.50		
	1	49	21.46	21.37	21.49	22.50		
10MHz	64QAM	25	0	20.56	20.68	20.44	21.50	
		25	13	20.46	20.57	20.63	21.50	
		25	25	20.54	20.41	20.68	21.50	
		50	0	20.45	20.50	20.53	21.50	

LTE Band 12 Hotspot off&Recevier off	Conducted Power(dBm)
--------------------------------------	----------------------

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.67	23.54	23.59	24.50
		1	2	23.66	23.69	23.57	24.50
		1	5	23.48	23.61	23.60	24.50
		3	0	23.63	23.56	23.57	24.50
		3	2	23.61	23.59	23.69	24.50
		3	3	23.64	23.56	23.63	24.50
	16QAM	6	0	22.78	22.67	22.68	23.50
		1	0	23.11	22.84	22.85	23.50
		1	2	22.68	22.93	23.18	23.50
		1	5	23.03	23.27	23.21	23.50
		3	0	22.62	22.72	22.82	23.50
		3	2	22.72	22.83	22.60	23.50
	64QAM	3	3	22.58	22.72	22.80	23.50
		6	0	21.79	21.87	21.74	22.50
		1	0	21.48	21.49	21.37	22.50
		1	2	21.49	21.35	21.38	22.50
		1	5	21.39	21.39	21.35	22.50
		3	0	21.42	21.39	21.31	22.50
3MHz	QPSK	3	2	21.40	21.36	21.41	22.50
		3	3	21.47	21.34	21.45	22.50
		6	0	20.59	20.64	20.43	21.50
		1	0	23.77	23.73	23.70	24.50
		1	7	23.63	23.84	23.79	24.50
		1	14	23.72	23.80	23.77	24.50
	16QAM	8	0	22.83	22.70	22.67	23.50
		8	4	22.82	22.79	22.83	23.50
		8	7	22.75	22.79	22.74	23.50
		15	0	22.77	22.69	22.67	23.50
		1	0	22.86	23.25	22.90	23.50
		1	7	23.21	22.90	23.04	23.50
	64QAM	1	14	22.93	22.79	22.74	23.50
		8	0	21.84	21.84	21.86	22.50
		8	4	21.84	21.85	21.90	22.50
		8	7	21.82	21.94	21.79	22.50
		15	0	21.75	21.73	21.77	22.50
		1	0	21.49	21.47	21.47	22.50
5MHz	QPSK	1	7	21.44	21.49	21.35	22.50
		1	14	21.47	21.43	21.47	22.50
		8	0	20.46	20.63	20.69	21.50
		8	4	20.41	20.65	20.54	21.50
		8	7	20.53	20.60	20.46	21.50
		15	0	20.67	20.61	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.65	23.75	23.61	24.50
		1	13	23.86	23.83	23.71	24.50
		1	24	23.82	23.73	23.55	24.50
		12	0	22.78	22.78	22.79	23.50
		12	6	22.76	22.69	22.74	23.50
		12	13	22.74	22.79	22.77	23.50
		25	0	22.83	22.71	22.75	23.50

	16QAM	1	0	23.02	23.42	23.17	23.50
		1	13	22.94	22.76	23.20	23.50
		1	24	22.98	23.26	23.26	23.50
		12	0	21.79	21.70	21.82	22.50
		12	6	21.82	21.74	21.75	22.50
		12	13	21.86	21.71	21.71	22.50
		25	0	21.77	21.75	21.80	22.50
	64QAM	1	0	21.37	21.43	21.33	22.50
		1	13	21.39	21.43	21.32	22.50
		1	24	21.44	21.34	21.40	22.50
		12	0	20.41	20.42	20.48	21.50
		12	6	20.60	20.41	20.41	21.50
		12	13	20.62	20.69	20.66	21.50
		25	0	20.64	20.47	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 23060	Channel 23095	Channel 23130	Tune up
10MHz	QPSK	1	0	23.52	23.55	23.62	24.50
		1	25	23.61	23.68	23.59	24.50
		1	49	23.60	23.79	23.70	24.50
		25	0	22.79	22.74	22.80	23.50
		25	13	22.82	22.82	22.91	23.50
		25	25	22.82	22.74	22.81	23.50
		50	0	22.89	22.77	22.88	23.50
	16QAM	1	0	23.25	22.81	23.08	23.50
		1	25	23.01	22.87	22.96	23.50
		1	49	23.14	22.95	22.89	23.50
		25	0	21.77	21.63	21.79	22.50
		25	13	21.85	21.79	21.85	22.50
		25	25	21.80	21.93	21.89	22.50
		50	0	21.89	21.81	21.83	22.50
	64QAM	1	0	21.39	21.48	21.42	22.50
		1	25	21.34	21.47	21.37	22.50
		1	49	21.45	21.43	21.48	22.50
		25	0	20.53	20.59	20.54	21.50
		25	13	20.58	20.48	20.63	21.50
		25	25	20.52	20.42	20.50	21.50
		50	0	20.52	20.56	20.41	21.50

LTE FDD 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	20.17	19.87	19.95	20.50
		1	2	19.60	19.60	19.87	20.50
		1	5	20.09	19.83	19.86	20.50
		3	0	19.58	19.56	19.56	20.50
		3	2	19.61	19.63	19.63	20.50
		3	3	19.54	19.53	19.54	20.50
		6	0	19.59	19.67	19.60	20.50
	16QAM	1	0	19.49	19.51	19.50	20.50
		1	2	19.55	19.56	19.64	20.50
		1	5	19.41	19.52	19.46	20.50
		3	0	19.55	19.61	19.67	20.50

		3	2	19.50	19.75	19.75	20.50
		3	3	19.65	19.57	19.64	20.50
		6	0	19.81	19.89	19.79	20.50
	64QAM	1	0	19.38	19.46	19.73	20.50
		1	2	19.61	19.57	19.62	20.50
		1	5	19.49	19.33	19.77	20.50
		3	0	19.43	19.78	19.74	20.50
		3	2	19.33	19.63	19.58	20.50
		3	3	19.77	19.69	19.31	20.50
6	0	19.34	19.68	19.43	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	19.87	20.11	19.76	20.50
		1	7	20.06	20.16	19.75	20.50
		1	14	20.07	20.26	19.96	20.50
		8	0	19.74	19.71	19.72	20.50
		8	4	19.73	19.71	19.78	20.50
		8	7	19.69	19.71	19.72	20.50
		15	0	19.66	19.72	19.71	20.50
	16QAM	1	0	19.52	19.54	19.54	20.50
		1	7	19.57	19.62	19.59	20.50
		1	14	19.65	19.71	19.63	20.50
		8	0	19.86	19.68	19.76	20.50
		8	4	19.50	19.76	19.82	20.50
		8	7	19.72	19.74	19.88	20.50
	15	0	19.68	19.69	19.87	20.50	
	64QAM	1	0	19.64	19.66	19.77	20.50
		1	7	19.73	19.55	19.52	20.50
		1	14	19.39	19.43	19.78	20.50
		8	0	19.39	19.41	19.53	20.50
		8	4	19.76	19.39	19.57	20.50
		8	7	19.31	19.51	19.56	20.50
		15	0	19.39	19.78	19.73	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	19.80	19.91	20.16	20.50
		1	13	19.75	19.90	19.89	20.50
		1	24	19.83	20.28	19.87	20.50
		12	0	19.73	19.75	19.73	20.50
		12	6	19.69	19.68	19.66	20.50
		12	13	19.73	19.73	19.67	20.50
		25	0	19.75	19.73	19.70	20.50
	16QAM	1	0	19.55	19.63	19.72	20.50
		1	13	19.61	19.68	19.78	20.50
		1	24	19.56	19.75	19.71	20.50
		12	0	19.75	19.88	19.79	20.50
		12	6	19.76	19.93	19.75	20.50
		12	13	19.72	19.78	19.71	20.50
		25	0	19.72	19.76	19.78	20.50
	64QAM	1	0	19.75	19.33	19.73	20.50
		1	13	19.62	19.79	19.50	20.50
		1	24	19.78	19.34	19.77	20.50
		12	0	19.54	19.61	19.63	20.50
		12	6	19.61	19.45	19.64	20.50
		12	13	19.51	19.61	19.61	20.50
		12	13	19.51	19.61	19.61	20.50

Bandwidth	Modulation	25	0	19.61	19.69	19.31	20.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	20.10	20.21	20.20	20.50
		1	25	20.23	20.30	20.21	20.50
		1	49	19.88	20.19	19.73	20.50
		25	0	20.02	20.00	19.98	20.50
		25	13	20.15	20.04	20.17	20.50
		25	25	20.19	20.16	20.18	20.50
		50	0	20.15	20.16	20.12	20.50
	16QAM	1	0	19.45	19.46	19.63	20.50
		1	25	19.58	19.53	19.65	20.50
		1	49	19.59	19.67	19.83	20.50
		25	0	19.65	19.82	19.73	20.50
		25	13	19.81	19.71	19.77	20.50
		25	25	19.71	19.72	19.92	20.50
		50	0	19.71	19.78	19.58	20.50
	64QAM	1	0	19.69	19.54	19.40	20.50
		1	25	19.36	19.74	19.66	20.50
		1	49	19.32	19.50	19.38	20.50
		25	0	19.70	19.64	19.78	20.50
		25	13	19.38	19.33	19.69	20.50
		25	25	19.77	19.70	19.71	20.50
		50	0	19.58	19.63	19.55	20.50

LTE Band 13 Hotspot off&Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	23.23	23.19	23.10	24.50
		1	13	23.33	23.30	23.21	24.50
		1	24	23.17	23.13	23.20	24.50
		12	0	22.28	22.30	22.32	23.50
		12	6	22.34	22.23	22.29	23.50
		12	13	22.38	22.33	22.32	23.50
		25	0	22.36	22.28	22.35	23.50
	16QAM	1	0	22.34	22.76	22.81	23.50
		1	13	22.96	22.47	22.83	23.50
		1	24	22.66	22.42	22.13	23.50
		12	0	21.29	21.38	21.24	22.50
		12	6	21.41	21.27	21.38	22.50
		12	13	21.29	21.36	21.32	22.50
		25	0	21.33	21.31	21.27	22.50
	64QAM	1	0	21.18	21.22	21.19	22.50
		1	13	21.17	21.11	21.18	22.50
		1	24	21.23	21.15	21.16	22.50
		12	0	20.44	20.32	20.29	21.50
		12	6	20.44	20.39	20.42	21.50
		12	13	20.21	20.38	20.47	21.50
		25	0	20.31	20.41	20.46	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				NA	23230	NA	
10MHz	QPSK	1	0	NA	23.35	NA	24.50
		1	25	NA	23.17	NA	24.50
		1	49	NA	23.39	NA	24.50
		25	0	NA	22.31	NA	23.50
		25	13	NA	22.40	NA	23.50
		25	25	NA	22.32	NA	23.50
		50	0	NA	22.32	NA	23.50
	16QAM	1	0	NA	22.47	NA	23.50
		1	25	NA	22.55	NA	23.50
		1	49	NA	22.60	NA	23.50
		25	0	NA	21.25	NA	22.50
		25	13	NA	21.36	NA	22.50
		25	25	NA	21.28	NA	22.50
		50	0	NA	21.44	NA	22.50
	64QAM	1	0	NA	21.23	NA	22.50
		1	25	NA	21.22	NA	22.50
		1	49	NA	21.23	NA	22.50
		25	0	NA	20.23	NA	21.50
		25	13	NA	20.39	NA	21.50
		25	25	NA	20.26	NA	21.50
		50	0	NA	20.23	NA	21.50

LTE Band 13 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	20.67	21.06	21.12	22.00
		1	13	21.05	20.93	20.92	22.00
		1	24	21.36	21.21	20.70	22.00
		12	0	20.82	20.88	20.87	22.00
		12	6	20.88	20.79	20.82	22.00
		12	13	20.85	20.79	20.79	22.00
		25	0	20.86	20.77	20.74	22.00
	16QAM	1	0	20.71	20.69	20.68	22.00
		1	13	20.69	20.82	20.74	22.00
		1	24	20.81	20.77	20.64	22.00
		12	0	20.94	20.77	20.93	22.00
		12	6	20.88	20.77	20.74	22.00
		12	13	20.83	20.86	20.86	22.00
		25	0	20.95	20.78	20.76	22.00
	64QAM	1	0	20.99	20.92	20.73	22.00
		1	13	20.95	20.83	20.83	22.00
		1	24	20.83	20.86	20.71	22.00
		12	0	20.44	20.32	20.29	21.50
		12	6	20.44	20.39	20.42	21.50
		12	13	20.21	20.38	20.47	21.50
		25	0	20.31	20.41	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				NA	23230	NA	
10MHz	QPSK	1	0	NA	21.03	NA	22.00
		1	25	NA	21.07	NA	22.00
		1	49	NA	20.86	NA	22.00
		25	0	NA	20.77	NA	22.00
		25	13	NA	20.90	NA	22.00
		25	25	NA	20.78	NA	22.00
		50	0	NA	20.73	NA	22.00
	16QAM	1	0	NA	20.82	NA	22.00
		1	25	NA	20.65	NA	22.00
		1	49	NA	20.80	NA	22.00
		25	0	NA	20.94	NA	22.00
		25	13	NA	20.69	NA	22.00
		25	25	NA	20.84	NA	22.00
		50	0	NA	20.87	NA	22.00
	64QAM	1	0	NA	20.88	NA	22.00
		1	25	NA	20.79	NA	22.00
		1	49	NA	20.74	NA	22.00
		25	0	NA	20.23	NA	21.50
		25	13	NA	20.39	NA	21.50
		25	25	NA	20.26	NA	21.50
		50	0	NA	20.23	NA	21.50

LTE FDD Band 17 Hotspot off&Recevier off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23755	23790	23825		
5MHz	QPSK	1	0	23.58	23.62	23.70	24.50	
		1	13	23.83	23.79	23.80	24.50	
		1	24	23.85	23.80	23.82	24.50	
		12	0	22.71	22.81	22.74	23.50	
		12	6	22.87	22.76	22.88	23.50	
		12	13	22.86	22.82	22.84	23.50	
		25	0	22.77	22.80	22.86	23.50	
	16QAM	1	0	22.76	22.83	22.66	23.50	
		1	13	23.03	23.32	23.33	23.50	
		1	24	23.34	23.05	23.21	23.50	
		12	0	21.76	21.72	21.83	22.50	
		12	6	21.84	21.83	21.87	22.50	
		12	13	21.81	21.81	21.88	22.50	
		25	0	21.85	21.78	21.84	22.50	
	64QAM	1	0	21.77	21.81	21.88	22.50	
		1	13	21.81	21.73	21.72	22.50	
		1	24	21.71	21.75	21.84	22.50	
		12	0	20.82	20.87	20.86	21.50	
		12	6	21.08	20.81	20.87	21.50	
		12	13	20.94	21.03	20.86	21.50	
		25	0	21.09	20.83	21.03	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					23780	23790	23800	

10MHz	QPSK	1	0	23.66	23.48	23.52	24.50
		1	25	23.52	23.60	23.55	24.50
		1	49	23.52	23.82	23.59	24.50
		25	0	22.72	22.72	22.67	23.50
		25	13	22.91	22.77	22.78	23.50
		25	25	22.91	22.78	22.93	23.50
		50	0	22.79	22.75	22.79	23.50
	16QAM	1	0	23.26	23.16	22.73	23.50
		1	25	23.28	23.26	23.01	23.50
		1	49	23.03	23.23	23.09	23.50
		25	0	21.65	21.66	21.67	22.50
		25	13	21.92	21.72	21.75	22.50
		25	25	21.89	21.84	21.92	22.50
		50	0	21.83	21.78	21.83	22.50
	64QAM	1	0	21.75	21.72	21.71	22.50
		1	25	21.89	21.78	21.78	22.50
		1	49	21.76	21.82	21.80	22.50
		25	0	21.03	21.04	20.89	21.50
		25	13	21.04	21.08	20.94	21.50
		25	25	20.86	20.97	20.85	21.50
		50	0	21.04	20.98	20.86	21.50

LTE FDD 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	19.80	19.91	20.16	21.50
		1	13	19.75	19.90	19.89	21.50
		1	24	19.83	20.28	19.87	21.50
		12	0	19.73	19.75	19.73	21.50
		12	6	19.69	19.68	19.66	21.50
		12	13	19.73	19.73	19.67	21.50
		25	0	19.75	19.73	19.70	21.50
	16QAM	1	0	19.65	19.63	19.72	21.50
		1	13	19.61	19.68	19.78	21.50
		1	24	19.56	19.75	19.71	21.50
		12	0	19.75	19.88	19.79	21.50
		12	6	19.76	19.93	19.75	21.50
		12	13	19.72	19.78	19.71	21.50
		25	0	19.72	19.76	19.78	21.50
	64QAM	1	0	20.84	21.02	21.01	21.50
		1	13	21.08	21.03	20.94	21.50
		1	24	20.87	20.93	20.84	21.50
		12	0	20.82	20.87	20.86	21.50
		12	6	21.08	20.81	20.87	21.50
		12	13	20.94	21.03	20.86	21.50
		25	0	21.09	20.83	21.03	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23780	23790	23800	21.50
				20.57	20.58	20.98	

		1	25	21.32	21.06	21.16	21.50
		1	49	21.01	20.90	21.17	21.50
		25	0	21.02	20.99	20.90	21.50
		25	13	21.06	21.03	21.14	21.50
		25	25	21.09	21.09	21.15	21.50
		50	0	21.11	21.01	21.07	21.50
	16QAM	1	0	20.41	20.59	20.51	21.50
		1	25	20.62	20.58	20.53	21.50
		1	49	20.76	20.59	20.57	21.50
		25	0	20.58	20.53	20.68	21.50
		25	13	20.78	20.73	20.75	21.50
		25	25	20.78	20.76	20.74	21.50
	64QAM	50	0	20.74	20.76	20.80	21.50
		1	0	20.86	21.05	20.86	21.50
		1	25	20.83	20.84	21.00	21.50
		1	49	20.86	20.85	20.88	21.50
		25	0	21.03	21.04	20.89	21.50
		25	13	21.04	21.08	20.94	21.50
		25	25	20.86	20.97	20.85	21.50
		50	0	21.04	20.98	20.86	21.50

Table 12: Conducted Power of LTE

5 Conducted Power of Main Antenna(Ant5)

5.1 Conducted Power of LTE

LTE Band 4 Receiver off/Hotspot off/Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.38	22.38	22.36	23.50	
		1	2	22.42	22.55	22.42	23.50	
		1	5	22.42	22.43	22.35	23.50	
		3	0	22.34	22.44	22.40	23.50	
		3	2	22.39	22.48	22.44	23.50	
		3	3	22.37	22.42	22.47	23.50	
	16QAM	6	0	21.50	21.42	21.42	22.50	
		1	0	21.69	21.61	21.47	22.50	
		1	2	21.34	21.24	21.74	22.50	
		1	5	21.63	21.60	21.43	22.50	
		3	0	21.43	21.59	21.63	22.50	
		3	2	21.50	21.54	21.44	22.50	
	64QAM	3	3	21.36	21.60	21.51	22.50	
		6	0	20.53	20.56	20.50	21.50	
		1	0	20.34	20.47	20.40	21.50	
		1	2	20.36	20.35	20.35	21.50	
		1	5	20.35	20.42	20.43	21.50	
		3	0	20.49	20.44	20.40	21.50	
			3	2	20.42	20.39	20.37	21.50
			3	3	20.33	20.31	20.39	21.50
			6	0	19.44	19.43	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	22.45	22.50	22.38	23.50	
		1	7	22.50	22.70	22.58	23.50	

		1	14	22.47	22.58	22.47	23.50	
		8	0	21.51	21.47	21.45	22.50	
		8	4	21.60	21.49	21.53	22.50	
		8	7	21.52	21.57	21.55	22.50	
		15	0	21.50	21.53	21.51	22.50	
	16QAM	1	0	21.45	21.56	21.17	22.50	
		1	7	21.27	21.59	21.58	22.50	
		1	14	21.60	21.60	21.23	22.50	
		8	0	20.62	20.54	20.60	21.50	
		8	4	20.60	20.63	20.71	21.50	
	64QAM	8	7	20.60	20.59	20.57	21.50	
		15	0	20.60	20.51	20.52	21.50	
		1	0	20.39	20.33	20.32	21.50	
		1	7	20.35	20.33	20.42	21.50	
		1	14	20.35	20.50	20.40	21.50	
		8	0	19.39	19.39	19.32	20.50	
		8	4	19.40	19.38	19.50	20.50	
		8	7	19.58	19.60	19.40	20.50	
15		0	19.53	19.44	19.60	20.50		
Bandwidth		Modulation	RB size	RB offset	Channel 19975	Channel 20175	Channel 20375	Tune up
5MHz	QPSK	1	0	22.41	22.51	22.40	23.50	
		1	13	22.57	22.59	22.48	23.50	
		1	24	22.53	22.46	22.56	23.50	
		12	0	21.60	21.53	21.53	22.50	
		12	6	21.64	21.58	21.65	22.50	
		12	13	21.62	21.66	21.58	22.50	
		25	0	21.57	21.53	21.61	22.50	
	16QAM	1	0	21.46	21.33	21.32	22.50	
		1	13	21.29	21.69	21.65	22.50	
		1	24	21.60	21.36	21.55	22.50	
		12	0	20.64	20.53	20.54	21.50	
		12	6	20.68	20.59	20.63	21.50	
		12	13	20.63	20.71	20.59	21.50	
		25	0	20.57	20.49	20.64	21.50	
	64QAM	1	0	20.43	20.35	20.34	21.50	
		1	13	20.31	20.43	20.50	21.50	
		1	24	20.37	20.46	20.49	21.50	
		12	0	19.40	19.31	19.50	20.50	
		12	6	19.47	19.40	19.59	20.50	
		12	13	19.58	19.43	19.42	20.50	
		25	0	19.34	19.49	19.42	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
	10MHz	QPSK	1	0	22.29	22.42	22.56	23.50
			1	25	22.39	22.35	22.42	23.50
1			49	22.40	22.38	22.40	23.50	
25			0	21.51	21.47	21.47	22.50	
25			13	21.54	21.61	21.47	22.50	
25			25	21.58	21.62	21.57	22.50	
50			0	21.59	21.62	21.48	22.50	
16QAM		1	0	20.92	21.44	21.35	22.50	
		1	25	21.50	21.25	21.01	22.50	
		1	49	21.36	21.28	21.63	22.50	
		25	0	20.51	20.55	20.66	21.50	

		25	13	20.71	20.56	20.60	21.50
		25	25	20.52	20.72	20.74	21.50
		50	0	20.55	20.58	20.53	21.50
	64QAM	1	0	20.44	20.37	20.34	21.50
		1	25	20.49	20.49	20.40	21.50
		1	49	20.41	20.44	20.50	21.50
		25	0	19.32	19.54	19.32	20.50
		25	13	19.52	19.55	19.42	20.50
		25	25	19.60	19.36	19.45	20.50
50	0	19.45	19.44	19.44	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.33	22.58	22.59	23.50
		1	38	22.31	22.38	22.36	23.50
		1	74	22.27	22.41	22.40	23.50
		36	0	21.63	21.59	21.49	22.50
		36	18	21.55	21.54	21.57	22.50
		36	39	21.49	21.58	21.58	22.50
		75	0	21.61	21.53	21.55	22.50
	16QAM	1	0	21.08	21.74	21.65	22.50
		1	38	21.52	21.10	21.31	22.50
		1	74	20.95	21.57	21.31	22.50
		36	0	20.56	20.66	20.67	21.50
		36	18	20.62	20.50	20.62	21.50
		36	39	20.56	20.60	20.51	21.50
		75	0	20.61	20.61	20.55	21.50
	64QAM	1	0	20.34	20.44	20.50	21.50
		1	38	20.38	20.48	20.48	21.50
		1	74	20.45	20.41	20.31	21.50
		36	0	19.34	19.59	19.32	20.50
		36	18	19.54	19.38	19.46	20.50
		36	39	19.59	19.59	19.44	20.50
		75	0	19.41	19.34	19.54	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.47	22.53	22.44	23.50
		1	50	22.29	22.12	22.22	23.50
		1	99	22.26	22.31	22.54	23.50
		50	0	21.59	21.58	21.65	22.50
		50	25	21.62	21.55	21.63	22.50
		50	50	21.52	21.57	21.61	22.50
		100	0	21.64	21.52	21.59	22.50
	16QAM	1	0	20.85	21.33	21.69	22.50
		1	50	20.93	21.37	21.02	22.50
		1	99	21.04	20.95	21.16	22.50
		50	0	20.71	20.72	20.54	21.50
		50	25	20.61	20.57	20.67	21.50
		50	50	20.59	20.54	20.53	21.50
		100	0	20.58	20.50	20.59	21.50
	64QAM	1	0	20.35	20.43	20.47	21.50
		1	50	20.49	20.35	20.45	21.50
		1	99	20.34	20.41	20.35	21.50
		50	0	19.53	19.37	19.42	20.50
		50	25	19.60	19.35	19.46	20.50
		50	50	19.44	19.50	19.33	20.50

		100	0	19.35	19.49	19.56	20.50	
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	21.49	21.50	21.40	22.50	
		1	2	21.54	21.52	21.50	22.50	
		1	5	21.45	21.43	21.42	22.50	
		3	0	21.43	21.46	21.54	22.50	
		3	2	21.52	21.51	21.48	22.50	
		3	3	21.51	21.52	21.42	22.50	
	16QAM	6	0	21.50	21.42	21.42	22.50	
		1	0	21.69	21.61	21.47	22.50	
		1	2	21.34	21.24	21.74	22.50	
		1	5	21.63	21.60	21.43	22.50	
		3	0	21.43	21.59	21.63	22.50	
		3	2	21.50	21.54	21.44	22.50	
	64QAM	3	3	21.36	21.60	21.51	22.50	
		6	0	20.53	20.56	20.50	21.50	
		1	0	20.34	20.47	20.40	21.50	
		1	2	20.36	20.35	20.35	21.50	
		1	5	20.35	20.42	20.43	21.50	
		3	0	20.49	20.44	20.40	21.50	
3MHz	QPSK	3	2	20.42	20.39	20.37	21.50	
		3	3	20.33	20.31	20.39	21.50	
		6	0	19.44	19.43	19.33	20.50	
		Channel	Channel	Channel	Tune up			
		19965	20175	20385				
		5MHz	QPSK	1	0	21.63	21.43	21.45
	1			7	21.63	21.48	21.61	22.50
	1			14	21.49	21.54	21.64	22.50
	8			0	21.51	21.47	21.45	22.50
	8			4	21.60	21.49	21.53	22.50
	8			7	21.52	21.57	21.55	22.50
	16QAM		15	0	21.50	21.53	21.51	22.50
			1	0	21.45	21.56	21.17	22.50
			1	7	21.27	21.59	21.58	22.50
			1	14	21.60	21.60	21.23	22.50
			8	0	20.62	20.54	20.60	21.50
			8	4	20.60	20.63	20.71	21.50
	64QAM		8	7	20.60	20.59	20.57	21.50
15			0	20.60	20.51	20.52	21.50	
1			0	20.39	20.33	20.32	21.50	
1			7	20.35	20.33	20.42	21.50	
1			14	20.35	20.50	20.40	21.50	
8			0	19.39	19.39	19.32	20.50	
5MHz	QPSK	8	4	19.40	19.38	19.50	20.50	
		8	7	19.58	19.60	19.40	20.50	
		15	0	19.53	19.44	19.60	20.50	
		Channel	Channel	Channel	Tune up			
		19975	20175	20375				
		5MHz	QPSK	1	0	21.53	21.44	21.44
1	13			21.61	21.52	21.60	22.50	

		1	24	21.53	21.70	21.57	22.50
		12	0	21.60	21.53	21.53	22.50
		12	6	21.64	21.58	21.65	22.50
		12	13	21.62	21.66	21.58	22.50
		25	0	21.57	21.53	21.61	22.50
	16QAM	1	0	21.46	21.33	21.32	22.50
		1	13	21.29	21.69	21.65	22.50
		1	24	21.60	21.36	21.55	22.50
		12	0	20.64	20.53	20.54	21.50
		12	6	20.68	20.59	20.63	21.50
	64QAM	12	13	20.63	20.71	20.59	21.50
		25	0	20.57	20.49	20.64	21.50
		1	0	20.43	20.35	20.34	21.50
		1	13	20.31	20.43	20.50	21.50
		1	24	20.37	20.46	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.75	21.40	21.56	22.50
		1	25	21.52	21.45	21.45	22.50
		1	49	21.63	21.51	21.46	22.50
		25	0	21.51	21.47	21.47	22.50
		25	13	21.54	21.61	21.47	22.50
		25	25	21.58	21.62	21.57	22.50
		50	0	21.59	21.62	21.48	22.50
	16QAM	1	0	20.92	21.44	21.35	22.50
		1	25	21.50	21.25	21.01	22.50
		1	49	21.36	21.28	21.63	22.50
		25	0	20.51	20.55	20.66	21.50
		25	13	20.71	20.56	20.60	21.50
		25	25	20.52	20.72	20.74	21.50
	64QAM	50	0	20.55	20.58	20.53	21.50
		1	0	20.44	20.37	20.34	21.50
		1	25	20.49	20.49	20.40	21.50
		1	49	20.41	20.44	20.50	21.50
		25	0	19.32	19.54	19.32	20.50
		25	13	19.52	19.55	19.42	20.50
		25	25	19.60	19.36	19.45	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20025					20175	20325	
15MHz	QPSK	1	0	21.59	21.78	21.58	22.50
		1	38	21.50	21.44	21.47	22.50
		1	74	21.44	21.48	21.58	22.50
		36	0	21.63	21.59	21.49	22.50
		36	18	21.55	21.54	21.57	22.50
		36	39	21.49	21.58	21.58	22.50
		75	0	21.61	21.53	21.55	22.50
	16QAM	1	0	21.08	21.74	21.65	22.50
		1	38	21.52	21.10	21.31	22.50
		1	74	20.95	21.57	21.31	22.50
		36	0	20.56	20.66	20.67	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	36	18	20.62	20.50	20.62	21.50	
		36	39	20.56	20.60	20.51	21.50	
		75	0	20.61	20.61	20.55	21.50	
		1	0	20.34	20.44	20.50	21.50	
		1	38	20.38	20.48	20.48	21.50	
		1	74	20.45	20.41	20.31	21.50	
		36	0	19.34	19.59	19.32	20.50	
		36	18	19.54	19.38	19.46	20.50	
		36	39	19.59	19.59	19.44	20.50	
	75	0	19.41	19.34	19.54	20.50		
	20MHz	QPSK	1	0	21.53	21.74	21.73	22.50
			1	50	21.47	21.43	21.56	22.50
			1	99	21.38	21.50	21.44	22.50
			50	0	21.59	21.58	21.65	22.50
			50	25	21.62	21.55	21.63	22.50
			50	50	21.52	21.57	21.61	22.50
			100	0	21.64	21.52	21.59	22.50
		16QAM	1	0	20.85	21.33	21.69	22.50
			1	50	20.93	21.37	21.02	22.50
			1	99	21.04	20.95	21.16	22.50
			50	0	20.71	20.72	20.54	21.50
			50	25	20.61	20.57	20.67	21.50
			50	50	20.59	20.54	20.53	21.50
			100	0	20.58	20.50	20.59	21.50
		64QAM	1	0	20.35	20.43	20.47	21.50
			1	50	20.49	20.35	20.45	21.50
			1	99	20.34	20.41	20.35	21.50
			50	0	19.53	19.37	19.42	20.50
50			25	19.60	19.35	19.46	20.50	
50			50	19.44	19.50	19.33	20.50	
100			0	19.35	19.49	19.56	20.50	

LTE Band 4 Receiver on & Hotspot on				Conducted Power (dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	16.49	16.48	16.48	17.50
		1	2	16.50	16.54	16.49	17.50
		1	5	17.10	16.86	16.69	17.50
		3	0	16.95	16.64	16.87	17.50
		3	2	16.47	16.56	16.61	17.50
		3	3	16.48	16.54	16.47	17.50
		6	0	16.55	16.56	16.51	17.50
	16QAM	1	0	16.54	16.42	16.62	17.50
		1	2	16.48	16.54	16.43	17.50
		1	5	16.45	16.54	16.51	17.50
		3	0	16.53	16.45	16.45	17.50
		3	2	16.67	16.61	16.55	17.50
		3	3	16.57	16.59	16.42	17.50
		6	0	16.56	16.70	16.62	17.50
	64QAM	1	0	16.48	16.51	16.55	17.50
		1	2	16.61	16.56	16.56	17.50

		1	5	16.38	16.51	16.52	17.50
		3	0	16.41	16.36	16.42	17.50
		3	2	16.55	16.49	16.50	17.50
		3	3	16.61	16.36	16.32	17.50
		6	0	16.61	16.52	16.40	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.70	16.89	17.04	17.50
		1	7	16.70	16.44	17.09	17.50
		1	14	16.81	16.65	17.14	17.50
		8	0	16.71	16.51	16.56	17.50
		8	4	16.67	16.68	16.59	17.50
		8	7	16.63	16.62	16.67	17.50
		15	0	16.62	16.68	16.54	17.50
	16QAM	1	0	16.61	16.49	16.39	17.50
		1	7	16.56	16.68	16.71	17.50
		1	14	16.49	16.50	16.57	17.50
		8	0	16.64	16.64	16.65	17.50
		8	4	16.75	16.64	16.49	17.50
		8	7	16.62	16.55	16.65	17.50
		15	0	16.64	16.69	16.64	17.50
	64QAM	1	0	16.58	16.39	16.37	17.50
		1	7	16.49	16.36	16.31	17.50
		1	14	16.37	16.59	16.34	17.50
		8	0	16.60	16.42	16.53	17.50
		8	4	16.49	16.59	16.35	17.50
		8	7	16.52	16.56	16.36	17.50
		15	0	16.41	16.47	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.68	16.38	16.47	17.50
		1	13	16.93	16.86	16.73	17.50
		1	24	17.15	16.79	16.97	17.50
		12	0	16.66	16.56	16.52	17.50
		12	6	16.75	16.60	16.66	17.50
		12	13	16.68	16.72	16.70	17.50
		25	0	16.64	16.55	16.60	17.50
	16QAM	1	0	16.43	16.47	16.37	17.50
		1	13	16.64	16.78	16.70	17.50
		1	24	16.61	16.65	16.64	17.50
		12	0	16.59	16.70	16.53	17.50
		12	6	16.65	16.71	16.61	17.50
		12	13	16.62	16.72	16.65	17.50
		25	0	16.71	16.55	16.69	17.50
	64QAM	1	0	16.52	16.55	16.42	17.50
		1	13	16.62	16.48	16.46	17.50
		1	24	16.47	16.49	16.57	17.50
		12	0	16.32	16.33	16.62	17.50
		12	6	16.49	16.47	16.48	17.50
		12	13	16.32	16.52	16.44	17.50
		25	0	16.56	16.34	16.37	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.54	16.66	16.95	17.50
		1	25	17.12	16.66	17.26	17.50

		1	49	16.84	17.01	16.83	17.50
		25	0	16.50	16.55	16.59	17.50
		25	13	16.70	16.67	16.66	17.50
		25	25	16.60	16.66	16.72	17.50
		50	0	16.74	16.63	16.64	17.50
	16QAM	1	0	16.60	16.53	16.22	17.50
		1	25	16.45	16.29	16.49	17.50
		1	49	16.48	16.44	16.55	17.50
		25	0	16.42	16.45	16.59	17.50
		25	13	16.60	16.69	16.71	17.50
	64QAM	25	25	16.72	16.53	16.68	17.50
		50	0	16.59	16.68	16.69	17.50
		1	0	16.34	16.45	16.50	17.50
		1	25	16.55	16.42	16.47	17.50
		1	49	16.34	16.59	16.48	17.50
	25	0	16.59	16.61	16.49	17.50	
	25	13	16.51	16.43	16.50	17.50	
	25	25	16.55	16.35	16.48	17.50	
	50	0	16.61	16.32	16.54	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.18	17.14	16.81	17.50
		1	38	16.74	16.64	16.41	17.50
		1	74	16.95	16.54	17.07	17.50
		36	0	16.55	16.70	16.64	17.50
		36	18	16.61	16.63	16.63	17.50
		36	39	16.59	16.57	16.58	17.50
		75	0	16.65	16.56	16.69	17.50
	16QAM	1	0	16.65	16.59	16.78	17.50
		1	38	16.45	16.48	16.47	17.50
		1	74	16.33	16.53	16.43	17.50
		36	0	16.68	16.70	16.67	17.50
		36	18	16.61	16.44	16.66	17.50
		36	39	16.63	16.56	16.61	17.50
		75	0	16.65	16.50	16.63	17.50
	64QAM	1	0	16.44	16.62	16.38	17.50
		1	38	16.40	16.54	16.35	17.50
		1	74	16.62	16.33	16.38	17.50
		36	0	16.55	16.54	16.34	17.50
		36	18	16.60	16.34	16.58	17.50
		36	39	16.59	16.46	16.56	17.50
		75	0	16.56	16.61	16.57	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	16.83	17.15	16.71	17.50
		1	50	16.61	16.48	16.58	17.50
		1	99	17.07	16.48	16.73	17.50
		50	0	16.98	16.97	17.01	17.50
		50	25	16.97	16.84	16.84	17.50
		50	50	16.87	16.85	16.86	17.50
		100	0	16.91	16.88	16.90	17.50
	16QAM	1	0	16.65	16.64	16.68	17.50
		1	50	16.36	16.12	16.41	17.50
		1	99	16.42	16.49	16.39	17.50
		50	0	16.60	16.62	16.63	17.50

64QAM	50	25	16.73	16.65	16.54	17.50
	50	50	16.47	16.63	16.63	17.50
	100	0	16.69	16.45	16.53	17.50
	1	0	16.58	16.59	16.34	17.50
	1	50	16.51	16.44	16.45	17.50
	1	99	16.36	16.47	16.44	17.50
	50	0	16.38	16.31	16.34	17.50
	50	25	16.50	16.60	16.36	17.50
	50	50	16.41	16.50	16.49	17.50
	100	0	16.46	16.49	16.53	17.50

LTE Band 7 Receiver off&Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.96	21.76	21.88	23.00
		1	13	22.16	21.93	21.82	23.00
		1	24	21.96	21.90	21.69	23.00
		12	0	21.14	20.96	21.03	22.00
		12	6	21.16	21.05	21.01	22.00
		12	13	21.11	21.10	21.04	22.00
		25	0	21.17	21.01	21.02	22.00
	16QAM	1	0	21.31	20.98	21.35	22.00
		1	13	21.04	21.30	21.42	22.00
		1	24	21.65	21.08	20.89	22.00
		12	0	20.22	19.93	20.08	21.00
		12	6	20.24	20.06	20.03	21.00
		12	13	20.29	20.11	20.13	21.00
		25	0	20.18	20.01	20.06	21.00
	64QAM	1	0	19.89	20.00	19.97	21.00
		1	13	20.01	19.87	19.97	21.00
		1	24	20.02	19.97	19.95	21.00
		12	0	19.13	19.04	18.99	20.00
		12	6	19.02	19.01	19.05	20.00
		12	13	19.02	18.87	18.89	20.00
		25	0	18.88	19.02	19.01	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.88	21.88	21.88	23.00
		1	25	21.91	22.02	22.05	23.00
		1	49	21.86	21.91	21.74	23.00
		25	0	21.05	21.04	20.97	22.00
		25	13	21.20	21.01	21.02	22.00
		25	25	21.14	21.09	20.88	22.00
		50	0	21.16	21.02	20.95	22.00
	16QAM	1	0	21.02	21.38	21.13	22.00
		1	25	21.27	21.27	21.18	22.00
		1	49	21.30	21.52	21.06	22.00
		25	0	20.13	19.93	19.95	21.00
		25	13	20.20	20.03	20.06	21.00
		25	25	20.26	20.10	20.03	21.00
		50	0	20.22	20.11	20.15	21.00
	64QAM	1	0	19.94	20.03	19.94	21.00
1		25	20.02	19.94	19.95	21.00	

		1	49	19.94	20.05	20.01	21.00
		25	0	18.99	18.96	19.12	20.00
		25	13	19.00	18.89	18.99	20.00
		25	25	19.06	18.89	19.12	20.00
		50	0	19.06	19.04	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.99	21.84	21.90	23.00
		1	38	22.13	21.91	22.05	23.00
		1	74	22.16	22.05	21.71	23.00
		36	0	21.15	20.97	20.99	22.00
		36	18	21.20	21.05	21.08	22.00
		36	39	21.24	21.13	20.95	22.00
		75	0	21.16	20.98	21.09	22.00
	16QAM	1	0	21.38	20.79	21.06	22.00
		1	38	21.63	21.52	21.42	22.00
		1	74	21.23	21.62	20.73	22.00
		36	0	20.13	20.06	20.03	21.00
		36	18	20.19	20.05	20.13	21.00
		36	39	20.26	20.11	20.06	21.00
		75	0	20.12	19.98	20.12	21.00
	64QAM	1	0	20.05	19.87	19.94	21.00
		1	38	19.96	19.98	20.05	21.00
		1	74	20.03	19.99	19.87	21.00
		36	0	18.89	19.01	19.00	20.00
		36	18	18.94	19.06	18.99	20.00
		36	39	19.07	19.00	19.08	20.00
		75	0	18.99	18.97	18.98	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	22.01	22.00	21.88	23.00
		1	50	21.93	21.96	22.02	23.00
		1	99	22.24	22.08	21.84	23.00
		50	0	21.11	20.93	20.98	22.00
		50	25	21.12	21.05	20.97	22.00
		50	50	21.17	21.13	21.11	22.00
		100	0	21.14	20.98	20.94	22.00
	16QAM	1	0	21.55	21.10	21.06	22.00
		1	50	21.59	21.55	20.85	22.00
		1	99	21.67	21.69	20.96	22.00
		50	0	20.05	19.93	19.98	21.00
		50	25	20.15	20.03	20.07	21.00
		50	50	20.17	20.13	20.16	21.00
		100	0	20.12	19.93	20.06	21.00
	64QAM	1	0	19.90	19.96	20.03	21.00
		1	50	20.04	19.94	20.05	21.00
		1	99	19.96	19.97	19.92	21.00
		50	0	19.06	19.03	19.13	20.00
		50	25	18.89	19.04	19.00	20.00
		50	50	19.15	18.92	19.09	20.00
		100	0	19.08	18.94	18.91	20.00

LTE Band 7 Receiver on & Hotspot on & Sensor on

Conducted Power (dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.09	18.20	18.16	19.00
		1	13	18.08	18.34	18.24	19.00
		1	24	18.29	18.30	18.35	19.00
		12	0	18.28	18.57	18.35	19.00
		12	6	18.26	18.30	18.41	19.00
		12	13	18.19	18.36	18.36	19.00
		25	0	18.19	18.39	18.39	19.00
	16QAM	1	0	18.21	18.33	18.48	19.00
		1	13	18.14	18.48	18.49	19.00
		1	24	18.22	18.50	18.47	19.00
		12	0	18.24	18.28	18.45	19.00
		12	6	18.15	18.31	18.39	19.00
		12	13	18.22	18.32	18.36	19.00
		25	0	18.18	18.44	18.37	19.00
	64QAM	1	0	18.16	18.23	18.15	19.00
		1	13	18.22	18.12	18.15	19.00
		1	24	18.17	18.23	18.33	19.00
		12	0	18.28	18.10	18.34	19.00
		12	6	18.11	18.12	18.35	19.00
		12	13	18.35	18.17	18.06	19.00
		25	0	18.36	18.21	18.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.15	17.96	18.17	19.00
		1	25	18.17	18.24	18.27	19.00
		1	49	18.07	18.79	18.28	19.00
		25	0	18.13	18.34	18.25	19.00
		25	13	18.17	18.35	18.30	19.00
		25	25	18.45	18.33	18.32	19.00
		50	0	18.21	18.38	18.41	19.00
	16QAM	1	0	18.29	18.66	18.69	19.00
		1	25	18.33	18.63	18.47	19.00
		1	49	18.34	18.49	18.69	19.00
		25	0	18.12	18.34	18.33	19.00
		25	13	18.15	18.39	18.18	19.00
		25	25	18.21	18.40	18.27	19.00
		50	0	18.28	18.28	18.39	19.00
	64QAM	1	0	18.22	18.26	18.28	19.00
		1	25	18.11	18.24	18.25	19.00
		1	49	18.19	18.19	18.30	19.00
		25	0	18.20	18.27	18.11	19.00
		25	13	18.14	18.08	18.29	19.00
		25	25	18.35	18.24	18.25	19.00
		50	0	18.11	18.22	18.18	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	18.01	18.34	18.17	19.00
		1	38	18.26	18.23	18.18	19.00
		1	74	18.13	18.53	18.33	19.00
		36	0	18.19	18.21	18.30	19.00
		36	18	18.20	18.37	18.35	19.00
		36	39	18.18	18.44	18.38	19.00
		75	0	18.20	18.24	18.25	19.00

	16QAM	1	0	18.10	18.28	18.47	19.00
		1	38	18.22	18.36	18.45	19.00
		1	74	18.25	18.46	18.47	19.00
		36	0	18.23	18.30	18.29	19.00
		36	18	18.23	18.41	18.35	19.00
		36	39	18.13	18.44	18.43	19.00
		75	0	18.23	18.31	18.35	19.00
	64QAM	1	0	18.19	18.22	18.12	19.00
		1	38	18.33	18.33	18.20	19.00
		1	74	18.27	18.13	18.08	19.00
		36	0	18.20	18.17	18.15	19.00
		36	18	18.27	18.08	18.10	19.00
		36	39	18.22	18.34	18.07	19.00
		75	0	18.23	18.16	18.17	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	18.04	18.20	18.09	19.00
		1	50	18.03	18.22	18.34	19.00
		1	99	18.63	18.63	18.19	19.00
		50	0	18.13	18.34	18.33	19.00
		50	25	18.25	18.34	18.32	19.00
		50	50	18.40	18.35	18.45	19.00
		100	0	18.20	18.20	18.29	19.00
	16QAM	1	0	18.38	18.55	18.45	19.00
		1	50	18.14	18.32	18.42	19.00
		1	99	18.39	18.47	18.53	19.00
		50	0	18.07	18.22	18.30	19.00
		50	25	18.23	18.29	18.38	19.00
		50	50	18.27	18.42	18.48	19.00
		100	0	18.26	18.25	18.25	19.00
	64QAM	1	0	18.24	18.12	18.09	19.00
		1	50	18.11	18.20	18.34	19.00
		1	99	18.30	18.36	18.22	19.00
		50	0	18.27	18.21	18.08	19.00
		50	25	18.23	18.18	18.15	19.00
		50	50	18.15	18.24	18.34	19.00
		100	0	18.31	18.08	18.23	19.00

LTE Band 38 Receiver off&Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.92	21.84	21.81	23.50
		1	13	22.01	21.93	21.92	23.50
		1	24	21.93	21.89	21.87	23.50
		12	0	21.10	21.01	20.93	22.50
		12	6	21.11	20.97	20.98	22.50
		12	13	21.08	21.04	20.98	22.50
	16QAM	25	0	21.09	20.93	21.05	22.50
		1	0	21.12	21.05	21.00	22.50
		1	13	21.22	21.07	21.08	22.50
		1	24	21.17	21.16	21.08	22.50
		12	0	20.07	19.92	19.96	21.50
		12	6	20.08	20.02	20.01	21.50

		12	13	20.03	20.00	20.00	21.50
		25	0	20.10	20.03	20.01	21.50
	64QAM	1	0	19.91	19.98	20.05	21.50
		1	13	19.86	19.93	19.92	21.50
		1	24	19.91	19.98	19.88	21.50
		12	0	18.87	19.01	18.97	20.50
		12	6	19.07	18.96	19.15	20.50
		12	13	18.98	18.97	18.96	20.50
		25	0	19.08	18.88	18.97	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	21.86	21.89	21.88	23.50
		1	25	21.90	22.03	21.94	23.50
		1	49	22.03	21.97	21.75	23.50
		25	0	21.01	21.04	20.96	22.50
		25	13	21.09	21.07	20.97	22.50
		25	25	21.04	21.07	20.97	22.50
		50	0	21.13	21.08	20.91	22.50
	16QAM	1	0	21.03	20.97	21.01	22.50
		1	25	20.96	20.99	20.96	22.50
		1	49	21.03	20.99	20.88	22.50
		25	0	20.04	19.88	20.04	21.50
		25	13	20.14	20.04	19.98	21.50
		25	25	20.05	20.08	19.93	21.50
		50	0	20.14	20.11	20.05	21.50
	64QAM	1	0	19.95	19.86	19.94	21.50
		1	25	19.95	19.86	19.89	21.50
		1	49	19.92	19.90	19.86	21.50
		25	0	18.93	18.93	18.86	20.50
		25	13	19.07	19.10	19.02	20.50
		25	25	18.87	19.12	18.86	20.50
		50	0	18.87	19.13	19.08	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	21.83	21.89	21.84	23.50
		1	38	21.89	21.86	21.81	23.50
		1	74	21.83	21.74	21.82	23.50
		36	0	21.07	20.98	20.93	22.50
		36	18	21.06	20.95	21.01	22.50
		36	39	21.08	20.94	21.00	22.50
		75	0	21.10	20.94	21.00	22.50
	16QAM	1	0	20.99	20.96	20.91	22.50
		1	38	21.05	20.99	20.94	22.50
		1	74	21.08	21.03	20.96	22.50
		36	0	19.97	19.92	19.93	21.50
		36	18	20.06	19.86	20.01	21.50
		36	39	20.04	20.00	19.92	21.50
		75	0	20.09	20.04	20.10	21.50
	64QAM	1	0	20.05	20.05	20.05	21.50
		1	38	19.87	19.87	19.95	21.50
		1	74	19.88	19.97	19.95	21.50
		36	0	18.94	18.91	18.89	20.50
		36	18	19.02	18.86	19.03	20.50
		36	39	18.89	18.89	19.12	20.50
		75	0	19.02	18.89	19.08	20.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	22.03	22.01	21.96	23.50
		1	50	21.86	21.81	21.78	23.50
		1	99	21.89	21.81	21.77	23.50
		50	0	20.95	20.98	20.97	22.50
		50	25	21.08	21.01	20.97	22.50
		50	50	21.02	21.02	20.98	22.50
		100	0	21.08	21.01	21.08	22.50
	16QAM	1	0	21.02	21.03	20.98	22.50
		1	50	20.93	20.93	20.93	22.50
		1	99	21.05	20.98	21.04	22.50
		50	0	19.99	19.94	19.95	21.50
		50	25	20.11	19.97	20.02	21.50
		50	50	20.19	20.01	20.02	21.50
		100	0	20.03	20.04	20.06	21.50
	64QAM	1	0	20.05	19.96	20.03	21.50
		1	50	19.98	20.04	19.97	21.50
		1	99	19.93	19.97	19.88	21.50
		50	0	19.02	18.94	19.06	20.50
		50	25	19.07	19.05	19.14	20.50
		50	50	19.06	18.87	19.01	20.50
		100	0	19.07	19.12	18.89	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	18.94	18.82	18.88	20.50	
		1	13	19.01	18.91	18.94	20.50	
		1	24	18.91	18.90	18.81	20.50	
		12	0	19.11	19.01	18.89	20.50	
		12	6	19.11	19.04	19.03	20.50	
		12	13	19.07	19.03	18.93	20.50	
		25	0	19.16	18.98	18.93	20.50	
	16QAM	1	0	19.07	19.03	18.95	20.50	
		1	13	19.12	19.10	19.04	20.50	
		1	24	19.10	19.08	18.94	20.50	
		12	0	19.06	18.89	18.92	20.50	
		12	6	19.06	19.01	18.90	20.50	
		12	13	19.02	19.00	18.91	20.50	
		25	0	19.07	19.01	19.02	20.50	
	64QAM	1	0	18.80	18.92	18.75	20.50	
		1	13	18.94	19.03	19.03	20.50	
		1	24	18.97	18.87	18.83	20.50	
		12	0	18.93	19.02	18.85	20.50	
		12	6	18.89	18.82	19.00	20.50	
		12	13	18.94	18.94	18.78	20.50	
		25	0	18.80	18.82	19.03	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	18.92	18.91	18.90	20.50
			1	25	18.99	18.81	18.82	20.50
			1	49	19.06	18.95	18.98	20.50

	16QAM	25	0	19.05	18.96	18.94	20.50	
		25	13	19.17	19.03	18.88	20.50	
		25	25	19.05	19.01	18.96	20.50	
		50	0	19.14	19.11	18.91	20.50	
		1	0	19.09	18.91	18.99	20.50	
		1	25	19.01	18.87	18.88	20.50	
		1	49	19.04	18.92	18.89	20.50	
		25	0	18.95	18.95	18.89	20.50	
		25	13	19.07	19.01	19.01	20.50	
	64QAM	25	25	19.04	18.94	18.86	20.50	
		50	0	19.14	19.03	18.88	20.50	
		1	0	19.03	18.98	18.92	20.50	
		1	25	18.82	18.97	18.97	20.50	
		1	49	18.78	18.97	18.74	20.50	
		25	0	18.75	18.92	19.03	20.50	
		25	13	18.94	19.03	18.74	20.50	
		25	25	18.95	18.93	18.79	20.50	
		50	0	18.96	18.95	18.93	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	1	0	18.86	18.88	18.83	20.50	
		1	38	18.86	18.91	18.88	20.50	
		1	74	18.95	18.90	18.84	20.50	
		36	0	19.04	18.97	18.95	20.50	
		36	18	18.99	18.96	19.02	20.50	
		36	39	19.09	18.97	18.90	20.50	
		75	0	19.02	19.01	18.98	20.50	
	16QAM	1	0	18.97	18.96	18.86	20.50	
		1	38	18.97	18.92	19.01	20.50	
		1	74	19.07	18.97	18.98	20.50	
		36	0	19.05	18.95	18.90	20.50	
		36	18	19.02	18.79	18.92	20.50	
		36	39	18.92	18.98	18.86	20.50	
		75	0	18.97	19.08	18.93	20.50	
	64QAM	1	0	18.97	18.84	18.78	20.50	
		1	38	18.81	19.03	18.96	20.50	
		1	74	19.03	18.89	19.02	20.50	
		36	0	19.02	19.05	18.95	20.50	
		36	18	18.81	19.05	18.81	20.50	
		36	39	18.82	18.82	18.87	20.50	
		75	0	18.96	18.89	18.75	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					37850	38000	38150	
	20MHz	QPSK	1	0	18.88	18.91	18.74	20.50
1			50	18.83	18.84	18.80	20.50	
1			99	18.79	18.86	18.87	20.50	
50			0	19.04	19.12	18.94	20.50	
50			25	19.03	19.01	19.05	20.50	
50			50	19.09	19.03	18.91	20.50	
100			0	19.03	18.99	18.93	20.50	
16QAM		1	0	19.03	18.98	18.91	20.50	
		1	50	18.92	18.91	19.00	20.50	
		1	99	19.04	18.95	18.93	20.50	
		50	0	19.01	19.05	18.96	20.50	
		50	25	19.02	19.06	19.01	20.50	

		50	50	18.99	19.03	19.04	20.50
		100	0	19.04	19.05	19.00	20.50
	64QAM	1	0	18.99	18.98	18.93	20.50
		1	50	19.05	19.00	18.77	20.50
		1	99	18.90	18.97	18.87	20.50
		50	0	18.81	18.78	18.80	20.50
		50	25	18.82	18.89	18.81	20.50
		50	50	18.89	19.04	18.94	20.50
100	0	19.01	18.97	18.81	20.50		

LTE Band 38 Sensor on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	18.94	18.82	18.88	20.50	
		1	13	19.01	18.91	18.94	20.50	
		1	24	18.91	18.90	18.81	20.50	
		12	0	19.11	19.01	18.89	20.50	
		12	6	19.11	19.04	19.03	20.50	
		12	13	19.07	19.03	18.93	20.50	
		25	0	19.16	18.98	18.93	20.50	
	16QAM	1	0	19.07	19.03	18.95	20.50	
		1	13	19.12	19.10	19.04	20.50	
		1	24	19.10	19.08	18.94	20.50	
		12	0	19.06	18.89	18.92	20.50	
		12	6	19.06	19.01	18.90	20.50	
		12	13	19.02	19.00	18.91	20.50	
		25	0	19.07	19.01	19.02	20.50	
	64QAM	1	0	18.80	18.92	18.75	20.50	
		1	13	18.94	19.03	19.03	20.50	
		1	24	18.97	18.87	18.83	20.50	
		12	0	18.93	19.02	18.85	20.50	
		12	6	18.89	18.82	19.00	20.50	
		12	13	18.94	18.94	18.78	20.50	
		25	0	18.80	18.82	19.03	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	18.92	18.91	18.90	20.50
			1	25	18.99	18.81	18.82	20.50
1			49	19.06	18.95	18.98	20.50	
25			0	19.05	18.96	18.94	20.50	
25			13	19.17	19.03	18.88	20.50	
25			25	19.05	19.01	18.96	20.50	
50			0	19.14	19.11	18.91	20.50	
16QAM		1	0	19.09	18.91	18.99	20.50	
		1	25	19.01	18.87	18.88	20.50	
		1	49	19.04	18.92	18.89	20.50	
		25	0	18.95	18.95	18.89	20.50	
		25	13	19.07	19.01	19.01	20.50	
		25	25	19.04	18.94	18.86	20.50	
		50	0	19.14	19.03	18.88	20.50	
64QAM		1	0	19.03	18.98	18.92	20.50	
		1	25	18.82	18.97	18.97	20.50	
		1	49	18.78	18.97	18.74	20.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37825	38000	38175		
15MHz	QPSK	25	0	18.75	18.92	19.03	20.50	
		25	13	18.94	19.03	18.74	20.50	
		25	25	18.95	18.93	18.79	20.50	
		50	0	18.96	18.95	18.93	20.50	
		1	0	18.86	18.88	18.83	20.50	
		1	38	18.86	18.91	18.88	20.50	
		1	74	18.95	18.90	18.84	20.50	
	16QAM	36	0	19.04	18.97	18.95	20.50	
		36	18	18.99	18.96	19.02	20.50	
		36	39	19.09	18.97	18.90	20.50	
		75	0	19.02	19.01	18.98	20.50	
		1	0	18.97	18.96	18.86	20.50	
		1	38	18.97	18.92	19.01	20.50	
		1	74	19.07	18.97	18.98	20.50	
	64QAM	36	0	19.05	18.95	18.90	20.50	
		36	18	19.02	18.79	18.92	20.50	
		36	39	18.92	18.98	18.86	20.50	
		75	0	18.97	19.08	18.93	20.50	
		1	0	18.97	18.84	18.78	20.50	
		1	38	18.81	19.03	18.96	20.50	
		1	74	19.03	18.89	19.02	20.50	
	20MHz	QPSK	36	18	18.81	19.05	18.81	20.50
			36	39	18.82	18.82	18.87	20.50
			75	0	18.96	18.89	18.75	20.50
			1	0	18.88	18.78	18.74	20.50
			1	50	18.83	18.84	18.80	20.50
			1	99	18.79	18.86	18.87	20.50
			50	0	19.04	19.12	18.94	20.50
16QAM		50	25	19.03	19.01	19.05	20.50	
		50	50	19.09	19.03	18.91	20.50	
		100	0	19.03	18.99	18.93	20.50	
		1	0	19.03	18.98	18.91	20.50	
		1	50	18.92	18.91	19.00	20.50	
		1	99	19.04	18.95	18.93	20.50	
		50	0	19.01	19.05	18.96	20.50	
64QAM	50	25	19.02	19.06	19.01	20.50		
	50	50	18.99	19.03	19.04	20.50		
	100	0	19.04	19.05	19.00	20.50		
	1	0	18.99	18.98	18.93	20.50		
	1	50	19.05	19.00	18.77	20.50		
	1	99	18.90	18.97	18.87	20.50		
	50	0	18.81	18.78	18.80	20.50		
20MHz	64QAM	50	25	18.82	18.89	18.81	20.50	
		50	50	18.89	19.04	18.94	20.50	
		100	0	19.01	18.97	18.81	20.50	
		100	0	19.01	18.97	18.81	20.50	

LTE Band 41 Full power&Recevier 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	21.96	21.95	21.82	21.91	21.87	23.50
		1	13	22.01	22.07	21.95	22.03	21.94	23.50
		1	24	21.98	21.96	21.88	21.89	21.80	23.50
		12	0	21.09	21.05	21.00	21.04	20.96	22.50
		12	6	21.17	21.07	21.11	21.10	21.05	22.50
		12	13	21.14	21.12	21.05	21.14	21.00	22.50
	16QAM	25	0	21.07	21.10	20.94	21.07	20.99	22.50
		1	0	21.03	21.03	20.92	20.97	20.91	22.50
		1	13	21.22	21.18	21.08	21.19	21.12	22.50
		1	24	21.22	21.08	21.17	21.17	21.00	22.50
		12	0	20.08	20.08	19.96	20.07	20.00	21.50
		12	6	20.14	20.10	20.01	20.13	20.01	21.50
	64QAM	12	13	20.11	20.01	20.01	20.03	19.97	21.50
		25	0	20.15	20.15	20.01	20.09	20.01	21.50
		1	0	20.41	20.39	20.27	20.39	20.43	21.50
		1	13	20.31	20.40	20.18	20.49	20.32	21.50
		1	24	20.42	20.33	20.35	20.32	20.32	21.50
		12	0	19.38	19.44	19.33	19.34	19.49	20.50
10MHz	QPSK	12	6	19.47	19.33	19.42	19.32	19.39	20.50
		12	13	19.57	19.42	19.42	19.33	19.46	20.50
		25	0	19.58	19.31	19.44	19.31	19.33	20.50
		1	0	21.97	22.03	21.88	21.94	21.88	23.50
		1	25	21.97	21.97	21.88	22.07	21.79	23.50
		1	49	22.12	22.01	22.05	22.05	21.84	23.50
	16QAM	25	0	21.09	21.05	20.99	21.08	21.03	22.50
		25	13	21.14	21.17	21.08	21.18	21.02	22.50
		25	25	21.08	21.14	21.01	21.08	20.99	22.50
		50	0	21.16	21.08	21.05	21.12	21.00	22.50
		1	0	21.01	21.09	20.87	21.06	21.03	22.50
		1	25	21.01	21.06	20.91	21.01	20.89	22.50
	64QAM	1	49	21.10	21.08	20.97	21.05	21.02	22.50
		25	0	20.05	20.02	19.93	20.02	20.07	21.50
		25	13	20.07	20.03	19.98	20.07	19.96	21.50
		25	25	20.13	20.11	20.05	20.08	19.89	21.50
		50	0	20.12	20.18	19.99	20.12	20.02	21.50
		1	0	20.40	20.38	20.31	20.43	20.40	21.50
15MHz	QPSK	1	25	20.39	20.45	20.27	20.37	20.37	21.50
		1	49	20.44	20.31	20.32	20.32	20.47	21.50
		25	0	19.47	19.33	19.38	19.44	19.39	20.50
		25	13	19.47	19.60	19.32	19.38	19.59	20.50
		25	25	19.46	19.47	19.39	19.46	19.54	20.50
		50	0	19.38	19.35	19.24	19.57	19.57	20.50
15MHz	QPSK	1	0	22.02	21.98	21.88	21.88	21.83	23.50
		1	38	22.05	21.88	21.97	21.88	21.67	23.50
1	74	21.98	21.92	21.86	22.03	21.92	23.50		

	16QAM	36	0	21.07	20.94	21.02	20.90	20.97	22.50
		36	18	21.12	21.12	21.01	20.92	20.90	22.50
		36	39	21.16	21.04	21.03	20.98	20.95	22.50
		75	0	21.05	21.12	20.96	20.94	20.96	22.50
		1	0	21.16	21.14	21.10	21.09	21.00	22.50
		1	38	21.19	21.05	21.08	20.97	20.86	22.50
		1	74	21.05	21.18	20.98	21.12	20.95	22.50
		36	0	19.99	20.05	19.89	19.85	19.88	21.50
		36	18	20.08	20.03	20.03	19.93	19.94	21.50
	36	39	20.07	20.04	19.97	19.99	19.93	21.50	
	75	0	20.11	20.16	20.01	20.08	19.98	21.50	
	64QAM	1	0	20.50	20.35	20.39	20.46	20.37	21.50
		1	38	20.46	20.35	20.39	20.31	20.49	21.50
		1	74	20.43	20.40	20.28	20.42	20.45	21.50
		36	0	19.33	19.52	19.19	19.52	19.39	20.50
		36	18	19.60	19.46	19.50	19.55	19.60	20.50
		36	39	19.59	19.45	19.45	19.45	19.31	20.50
		75	0	19.38	19.52	19.31	19.54	19.59	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 39750	Channel 40185	Channel 40620	Channel 41055	Channel 41490	Tune up
20MHz	QPSK	1	0	21.98	22.09	21.88	21.89	21.89	23.50
		1	50	21.87	21.90	21.80	21.85	21.74	23.50
		1	99	21.90	21.97	21.84	21.97	21.70	23.50
		50	0	21.15	20.99	21.03	21.00	20.88	22.50
		50	25	21.05	21.11	20.92	21.02	20.87	22.50
		50	50	21.11	21.13	21.05	21.10	20.91	22.50
		100	0	21.11	21.11	21.01	21.01	20.89	22.50
	16QAM	1	0	21.14	21.12	21.07	21.15	21.00	22.50
		1	50	21.08	21.04	20.94	21.03	20.96	22.50
		1	99	21.02	21.09	20.89	21.14	20.82	22.50
		50	0	20.04	20.11	19.89	20.01	19.95	21.50
		50	25	20.05	20.16	19.98	20.12	19.98	21.50
		50	50	20.11	19.99	19.99	20.13	19.91	21.50
	64QAM	100	0	20.10	20.17	19.95	20.09	19.94	21.50
		1	0	20.41	20.38	20.26	20.46	20.43	21.50
		1	50	20.33	20.43	20.20	20.35	20.31	21.50
		1	99	20.49	20.44	20.43	20.50	20.39	21.50
		50	0	19.51	19.54	19.39	19.32	19.40	20.50
		50	25	19.43	19.35	19.37	19.31	19.40	20.50
		50	50	19.41	19.52	19.33	19.45	19.43	20.50
	100	0	19.32	19.47	19.18	19.47	19.58	20.50	

LTE Band 41 Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	19.37	19.45	19.32	19.48	19.48	21.00
		1	13	19.47	19.57	19.32	19.61	19.50	21.00
		1	24	19.45	19.51	19.32	19.55	19.51	21.00
		12	0	19.34	19.40	19.26	19.44	19.37	21.00
		12	6	19.34	19.42	19.26	19.50	19.47	21.00
		12	13	19.32	19.46	19.17	19.47	19.41	21.00
		25	0	19.30	19.43	19.21	19.47	19.40	21.00

	16QAM	1	0	19.29	19.46	19.22	19.39	19.34	21.00
		1	13	19.46	19.51	19.32	19.54	19.46	21.00
		1	24	19.36	19.50	19.21	19.47	19.42	21.00
		12	0	19.28	19.37	19.20	19.43	19.25	21.00
		12	6	19.33	19.49	19.18	19.41	19.34	21.00
		12	13	19.30	19.39	19.15	19.46	19.34	21.00
		25	0	19.37	19.43	19.25	19.44	19.38	21.00
	64QAM	1	0	19.25	19.21	19.13	19.25	19.36	21.00
		1	13	19.11	19.14	19.01	19.38	19.39	21.00
		1	24	19.32	19.14	19.17	19.39	19.17	21.00
		12	0	19.28	19.13	19.18	19.40	19.36	21.00
		12	6	19.16	19.21	19.09	19.34	19.40	21.00
		12	13	19.27	19.40	19.17	19.22	19.12	21.00
		25	0	19.20	19.36	19.05	19.12	19.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	19.48	19.59	19.42	19.55	19.55	21.00
		1	25	19.54	19.47	19.45	19.61	19.59	21.00
		1	49	19.42	19.56	19.31	19.61	19.54	21.00
		25	0	19.32	19.40	19.23	19.38	19.23	21.00
		25	13	19.31	19.49	19.20	19.48	19.48	21.00
		25	25	19.30	19.46	19.18	19.43	19.40	21.00
		50	0	19.34	19.51	19.25	19.44	19.40	21.00
	16QAM	1	0	19.37	19.42	19.28	19.46	19.41	21.00
		1	25	19.31	19.47	19.21	19.45	19.40	21.00
		1	49	19.27	19.47	19.12	19.37	19.32	21.00
		25	0	19.19	19.34	19.08	19.39	19.38	21.00
		25	13	19.35	19.42	19.27	19.49	19.39	21.00
		25	25	19.28	19.49	19.21	19.40	19.33	21.00
		50	0	19.45	19.48	19.34	19.51	19.42	21.00
	64QAM	1	0	19.28	19.16	19.22	19.41	19.31	21.00
		1	25	19.30	19.34	19.15	19.42	19.34	21.00
		1	49	19.35	19.23	19.23	19.30	19.32	21.00
		25	0	19.19	19.24	19.07	19.38	19.11	21.00
		25	13	19.39	19.33	19.27	19.18	19.40	21.00
		25	25	19.15	19.22	19.02	19.23	19.37	21.00
		50	0	19.13	19.33	19.03	19.39	19.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.41	19.51	19.34	19.53	19.44	21.00
		1	38	19.50	19.50	19.38	19.49	19.43	21.00
		1	74	19.48	19.56	19.40	19.53	19.59	21.00
		36	0	19.32	19.30	19.21	19.43	19.29	21.00
		36	18	19.33	19.43	19.27	19.36	19.41	21.00
		36	39	19.35	19.39	19.20	19.40	19.35	21.00
		75	0	19.36	19.46	19.31	19.37	19.44	21.00
	16QAM	1	0	19.27	19.54	19.18	19.37	19.45	21.00
		1	38	19.27	19.26	19.20	19.30	19.28	21.00
		1	74	19.33	19.54	19.28	19.48	19.41	21.00
		36	0	19.31	19.40	19.21	19.36	19.28	21.00
		36	18	19.23	19.39	19.11	19.39	19.32	21.00
		36	39	19.30	19.37	19.16	19.48	19.27	21.00
		75	0	19.47	19.50	19.36	19.40	19.39	21.00
64QAM	1	0	19.39	19.14	19.28	19.17	19.30	21.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	38	19.24	19.11	19.10	19.16	19.32	21.00
		1	74	19.32	19.12	19.20	19.27	19.15	21.00
		36	0	19.40	19.13	19.33	19.23	19.26	21.00
		36	18	19.19	19.13	19.04	19.20	19.33	21.00
		36	39	19.41	19.36	19.26	19.37	19.34	21.00
		75	0	19.24	19.40	19.12	19.22	19.38	21.00
	16QAM	1	0	19.40	19.63	19.26	19.62	19.55	21.00
		1	50	19.49	19.55	19.36	19.55	19.42	21.00
		1	99	19.46	19.60	19.34	19.58	19.51	21.00
		50	0	19.26	19.34	19.15	19.38	19.37	21.00
		50	25	19.37	19.40	19.32	19.48	19.28	21.00
		50	50	19.36	19.36	19.24	19.43	19.36	21.00
	64QAM	100	0	19.39	19.44	19.26	19.45	19.24	21.00
		1	0	19.28	19.46	19.19	19.38	19.46	21.00
		1	50	19.30	19.40	19.15	19.43	19.36	21.00
		1	99	19.35	19.36	19.21	19.51	19.32	21.00
		50	0	19.35	19.39	19.21	19.45	19.40	21.00
		50	25	19.42	19.39	19.28	19.51	19.33	21.00
	64QAM	50	50	19.49	19.54	19.40	19.46	19.39	21.00
		100	0	19.39	19.51	19.33	19.49	19.36	21.00
		1	0	19.36	19.24	19.23	19.23	19.36	21.00
1		50	19.33	19.16	19.25	19.34	19.19	21.00	
1		99	19.15	19.30	19.00	19.38	19.40	21.00	
50		0	19.14	19.27	19.09	19.21	19.40	21.00	
64QAM	50	25	19.37	19.38	19.23	19.41	19.20	21.00	
	50	50	19.24	19.19	19.12	19.13	19.21	21.00	
	100	0	19.33	19.38	19.24	19.19	19.36	21.00	

LTE Band 41 Hotspot on&Sensor on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	18.35	18.52	18.20	18.56	18.40	20.00
		1	13	18.47	18.63	18.33	18.66	18.60	20.00
		1	24	18.42	18.48	18.32	18.57	18.47	20.00
		12	0	18.29	18.40	18.15	18.41	18.30	20.00
		12	6	18.35	18.45	18.20	18.52	18.40	20.00
		12	13	18.38	18.47	18.28	18.50	18.36	20.00
	16QAM	25	0	18.34	18.47	18.21	18.45	18.45	20.00
		1	0	18.30	18.39	18.17	18.40	18.34	20.00
		1	13	18.38	18.48	18.25	18.55	18.46	20.00
		1	24	18.39	18.46	18.28	18.50	18.47	20.00
		12	0	18.29	18.46	18.18	18.44	18.36	20.00
		12	6	18.48	18.42	18.39	18.45	18.48	20.00
	64QAM	12	13	18.31	18.42	18.26	18.41	18.32	20.00
		25	0	18.39	18.45	18.32	18.49	18.37	20.00
		1	0	18.24	18.17	18.14	18.28	18.18	20.00
		1	13	18.04	18.03	17.92	18.22	18.15	20.00
		1	24	18.34	18.14	18.21	18.14	18.18	20.00
		12	0	18.23	18.14	18.15	18.22	18.17	20.00
64QAM	12	6	18.20	18.10	18.11	18.21	18.03	20.00	

Bandwidth	Modulation	12	13	18.26	18.10	18.21	18.31	18.05	20.00
		25	0	18.24	18.10	18.14	18.17	18.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	18.33	18.58	18.18	18.61	18.50	20.00
		1	25	18.50	18.60	18.43	18.69	18.44	20.00
		1	49	18.47	18.64	18.34	18.59	18.52	20.00
		25	0	18.32	18.31	18.25	18.48	18.36	20.00
		25	13	18.34	18.51	18.23	18.48	18.51	20.00
		25	25	18.33	18.47	18.22	18.35	18.32	20.00
		50	0	18.29	18.42	18.15	18.55	18.43	20.00
	16QAM	1	0	18.30	18.44	18.20	18.48	18.56	20.00
		1	25	18.26	18.50	18.15	18.48	18.45	20.00
		1	49	18.42	18.44	18.35	18.45	18.27	20.00
		25	0	18.36	18.35	18.24	18.43	18.33	20.00
		25	13	18.29	18.46	18.21	18.44	18.47	20.00
		25	25	18.44	18.52	18.38	18.48	18.40	20.00
		50	0	18.38	18.51	18.31	18.48	18.50	20.00
	64QAM	1	0	18.25	18.12	18.13	18.21	18.18	20.00
		1	25	18.32	18.23	18.19	18.35	18.16	20.00
		1	49	18.32	18.33	18.24	18.27	18.12	20.00
		25	0	18.03	18.16	17.89	18.22	18.07	20.00
		25	13	18.29	18.19	18.14	18.34	18.05	20.00
		25	25	18.24	18.07	18.13	18.31	18.29	20.00
		50	0	18.04	18.23	17.90	18.26	18.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.34	18.53	18.28	18.52	18.54	20.00
		1	38	18.48	18.50	18.38	18.50	18.42	20.00
		1	74	18.34	18.61	18.29	18.58	18.53	20.00
		36	0	18.23	18.45	18.11	18.45	18.31	20.00
		36	18	18.37	18.43	18.27	18.40	18.39	20.00
		36	39	18.32	18.34	18.21	18.34	18.27	20.00
		75	0	18.36	18.42	18.24	18.38	18.37	20.00
	16QAM	1	0	18.23	18.42	18.11	18.40	18.40	20.00
		1	38	18.21	18.36	18.10	18.33	18.29	20.00
		1	74	18.29	18.57	18.14	18.56	18.41	20.00
		36	0	18.33	18.27	18.28	18.33	18.13	20.00
		36	18	18.38	18.37	18.26	18.37	18.34	20.00
		36	39	18.34	18.44	18.24	18.43	18.38	20.00
		75	0	18.42	18.45	18.33	18.43	18.41	20.00
	64QAM	1	0	18.32	18.06	18.18	18.05	18.29	20.00
		1	38	18.21	18.07	18.16	18.15	18.21	20.00
		1	74	18.13	18.09	17.98	18.25	18.13	20.00
		36	0	18.16	18.05	18.04	18.18	18.30	20.00
		36	18	18.21	18.32	18.12	18.09	18.31	20.00
		36	39	18.15	18.35	18.00	18.00	18.34	20.00
		75	0	18.14	18.02	18.06	18.34	18.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.37	18.63	18.24	18.62	18.52	20.00
		1	50	18.34	18.48	18.25	18.48	18.40	20.00
		1	99	18.39	18.51	18.26	18.60	18.43	20.00
		50	0	18.21	18.39	18.10	18.39	18.33	20.00

		50	25	18.38	18.47	18.24	18.48	18.29	20.00
		50	50	18.35	18.38	18.22	18.38	18.44	20.00
		100	0	18.39	18.40	18.28	18.42	18.31	20.00
	16QAM	1	0	18.33	18.49	18.23	18.54	18.42	20.00
		1	50	18.32	18.34	18.18	18.51	18.39	20.00
		1	99	18.26	18.52	18.20	18.50	18.34	20.00
		50	0	18.34	18.41	18.24	18.44	18.36	20.00
		50	25	18.36	18.47	18.24	18.49	18.35	20.00
		50	50	18.31	18.39	18.25	18.44	18.40	20.00
	64QAM	100	0	18.34	18.46	18.27	18.44	18.35	20.00
		1	0	18.27	18.31	18.20	18.27	18.17	20.00
		1	50	18.20	18.17	18.09	18.00	18.16	20.00
		1	99	18.24	18.30	18.13	18.08	18.05	20.00
		50	0	18.05	18.21	17.98	18.32	18.11	20.00
		50	25	18.19	18.27	18.10	18.14	18.34	20.00
		50	50	18.13	18.07	18.01	18.31	18.37	20.00
	100	0	18.24	18.01	18.11	18.22	18.18	20.00	

LTE Band 66 Receiver off/Hotspot off/Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131979	132322	132665		
1.4MHz	QPSK	1	0	21.22	21.26	21.33	22.00	
		1	2	21.35	21.02	21.09	22.00	
		1	5	21.41	21.14	21.20	22.00	
		3	0	21.29	21.20	21.27	22.00	
		3	1	21.14	21.22	21.19	22.00	
		3	3	21.14	21.23	21.26	22.00	
	16QAM	6	0	20.12	20.21	20.20	21.00	
		1	0	20.39	20.33	20.32	21.00	
		1	2	20.27	20.62	20.61	21.00	
		1	5	20.26	20.49	20.17	21.00	
		3	0	20.16	20.23	20.11	21.00	
		3	1	20.30	20.37	20.25	21.00	
	64QAM	3	3	20.16	20.41	20.42	21.00	
		6	0	19.34	19.37	19.37	20.00	
		1	0	19.21	19.21	19.34	20.00	
		1	2	19.23	19.41	19.32	20.00	
		1	5	19.27	19.38	19.25	20.00	
		3	0	19.28	19.26	19.27	20.00	
	3MHz	QPSK	3	1	19.22	19.23	19.25	20.00
			3	3	19.42	19.42	19.40	20.00
			6	0	18.44	18.59	18.48	19.00
Channel			Channel	Channel	Tune up			
131987			132322	132657				
1			0	21.17	21.33	21.35	22.00	
1			7	21.30	21.09	21.11	22.00	
1	14	21.36	21.21	21.22	22.00			
8	0	20.24	20.27	20.29	21.00			
8	4	20.09	20.29	20.21	21.00			
8	7	20.09	20.30	20.28	21.00			
15	0	20.16	20.28	20.22	21.00			

	16QAM	1	0	20.43	20.40	20.34	21.00
		1	7	20.31	20.69	20.63	21.00
		1	14	20.30	20.45	20.15	21.00
		8	0	19.20	19.19	19.09	20.00
		8	4	19.34	19.33	19.23	20.00
		8	7	19.20	19.37	19.40	20.00
		15	0	19.38	19.33	19.35	20.00
	64QAM	1	0	19.27	19.28	19.33	20.00
		1	7	19.28	19.32	19.40	20.00
		1	14	19.33	19.31	19.22	20.00
		8	0	18.48	18.42	18.42	19.00
		8	4	18.51	18.54	18.59	19.00
		8	7	18.58	18.57	18.59	19.00
		15	0	18.52	18.55	18.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	21.17	21.27	21.29	22.00
		1	13	21.30	21.03	21.05	22.00
		1	24	21.36	21.15	21.16	22.00
		12	0	20.24	20.21	20.23	21.00
		12	6	20.09	20.23	20.15	21.00
		12	13	20.06	20.24	20.22	21.00
		25	0	20.13	20.22	20.16	21.00
	16QAM	1	0	20.40	20.36	20.26	21.00
		1	13	20.28	20.65	20.62	21.00
		1	24	20.27	20.42	20.12	21.00
		12	0	19.17	19.16	19.06	20.00
		12	6	19.27	19.26	19.16	20.00
		12	13	19.16	19.33	19.36	20.00
		25	0	19.34	19.29	19.31	20.00
	64QAM	1	0	19.36	19.28	19.40	20.00
		1	13	19.40	19.29	19.22	20.00
		1	24	19.23	19.29	19.31	20.00
		12	0	18.44	18.48	18.53	19.00
		12	6	18.47	18.44	18.42	19.00
		12	13	18.58	18.60	18.45	19.00
		25	0	18.60	18.58	18.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	21.22	21.20	21.27	22.00
		1	25	21.35	20.96	21.03	22.00
		1	49	21.41	21.08	21.14	22.00
		25	0	20.29	20.14	20.21	21.00
		25	13	20.14	20.16	20.13	21.00
		25	25	20.11	20.17	20.20	21.00
		50	0	20.09	20.15	20.14	21.00
	16QAM	1	0	20.36	20.29	20.24	21.00
		1	25	20.24	20.58	20.60	21.00
		1	49	20.23	20.46	20.14	21.00
		25	0	19.13	19.20	19.08	20.00
		25	13	19.23	19.30	19.18	20.00
		25	25	19.12	19.37	19.38	20.00
	64QAM	50	0	19.30	19.33	19.33	20.00
		1	0	19.36	19.42	19.39	20.00
		1	25	19.23	19.38	19.39	20.00
		1	25	19.23	19.38	19.39	20.00

		1	49	19.41	19.41	19.42	20.00
		25	0	18.54	18.61	18.62	19.00
		25	13	18.54	18.50	18.60	19.00
		25	25	18.50	18.62	18.51	19.00
		50	0	18.61	18.43	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.27	21.27	21.30	22.00
		1	38	21.40	21.03	21.06	22.00
		1	74	21.46	21.15	21.17	22.00
		36	0	20.34	20.21	20.24	21.00
		36	18	20.19	20.23	20.16	21.00
		36	39	20.16	20.24	20.23	21.00
		75	0	20.14	20.22	20.17	21.00
	16QAM	1	0	20.41	20.34	20.29	21.00
		1	38	20.29	20.63	20.65	21.00
		1	74	20.28	20.51	20.19	21.00
		36	0	19.18	19.25	19.13	20.00
		36	18	19.28	19.35	19.23	20.00
		36	39	19.14	19.39	19.40	20.00
		75	0	19.32	19.35	19.35	20.00
	64QAM	1	0	19.24	19.29	19.38	20.00
		1	38	19.22	19.21	19.41	20.00
		1	74	19.41	19.38	19.29	20.00
		36	0	18.50	18.60	18.45	19.00
		36	18	18.47	18.49	18.43	19.00
		36	39	18.61	18.42	18.60	19.00
		75	0	18.43	18.52	18.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	21.22	21.34	21.32	22.00
		1	50	21.35	21.10	21.08	22.00
		1	99	21.41	21.22	21.19	22.00
		50	0	20.29	20.28	20.26	21.00
		50	25	20.14	20.30	20.18	21.00
		50	50	20.11	20.31	20.25	21.00
		100	0	20.18	20.29	20.19	21.00
	16QAM	1	0	20.45	20.41	20.31	21.00
		1	50	20.33	20.70	20.67	21.00
		1	99	20.32	20.47	20.17	21.00
		50	0	19.22	19.21	19.11	20.00
		50	25	19.32	19.31	19.21	20.00
		50	50	19.18	19.35	19.38	20.00
		100	0	19.36	19.31	19.33	20.00
	64QAM	1	0	19.37	19.26	19.25	20.00
		1	50	19.22	19.35	19.37	20.00
		1	99	19.40	19.28	19.22	20.00
		50	0	18.60	18.42	18.46	19.00
		50	25	18.61	18.53	18.57	19.00
		50	50	18.57	18.59	18.50	19.00
		100	0	18.62	18.59	18.44	19.00

LTE Band 66 Sensor on

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	20.54	20.46	20.60	21.50
		1	2	20.56	20.48	20.62	21.50
		1	5	20.72	20.64	20.78	21.50
		3	0	20.24	20.16	20.30	21.50
		3	1	20.14	20.16	20.20	21.50
		3	3	20.25	20.14	20.28	21.50
		6	0	20.12	20.21	20.20	21.00
	16QAM	1	0	20.39	20.33	20.32	21.00
		1	2	20.27	20.62	20.61	21.00
		1	5	20.26	20.49	20.17	21.00
		3	0	20.16	20.23	20.11	21.00
		3	1	20.30	20.37	20.25	21.00
		3	3	20.16	20.41	20.42	21.00
		6	0	19.34	19.37	19.37	20.00
	64QAM	1	0	19.21	19.21	19.34	20.00
		1	2	19.23	19.41	19.32	20.00
		1	5	19.27	19.38	19.25	20.00
		3	0	19.28	19.26	19.27	20.00
		3	1	19.22	19.23	19.25	20.00
		3	3	19.42	19.42	19.40	20.00
		6	0	18.44	18.59	18.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.59	20.47	20.57	21.50
		1	7	20.61	20.49	20.59	21.50
		1	14	20.77	20.65	20.75	21.50
		8	0	20.24	20.27	20.29	21.00
		8	4	20.09	20.29	20.21	21.00
		8	7	20.09	20.30	20.28	21.00
		15	0	20.16	20.28	20.22	21.00
	16QAM	1	0	20.43	20.40	20.34	21.00
		1	7	20.31	20.69	20.63	21.00
		1	14	20.30	20.45	20.15	21.00
		8	0	19.20	19.19	19.09	20.00
		8	4	19.34	19.33	19.23	20.00
		8	7	19.20	19.37	19.40	20.00
		15	0	19.38	19.33	19.35	20.00
	64QAM	1	0	19.27	19.28	19.33	20.00
		1	7	19.28	19.32	19.40	20.00
		1	14	19.33	19.31	19.22	20.00
		8	0	18.48	18.42	18.42	19.00
		8	4	18.51	18.54	18.59	19.00
		8	7	18.58	18.57	18.59	19.00
		15	0	18.52	18.55	18.57	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.54	20.54	20.59	21.50
		1	13	20.56	20.56	20.61	21.50
		1	24	20.72	20.72	20.77	21.50
		12	0	20.24	20.21	20.23	21.00
		12	6	20.09	20.23	20.15	21.00
		12	12	20.09	20.23	20.15	21.00

		12	13	20.06	20.24	20.22	21.00
		25	0	20.13	20.22	20.16	21.00
	16QAM	1	0	20.40	20.36	20.26	21.00
		1	13	20.28	20.65	20.62	21.00
		1	24	20.27	20.42	20.12	21.00
		12	0	19.17	19.16	19.06	20.00
		12	6	19.27	19.26	19.16	20.00
		12	13	19.16	19.33	19.36	20.00
		25	0	19.34	19.29	19.31	20.00
		64QAM	1	0	19.36	19.28	19.40
	1		13	19.40	19.29	19.22	20.00
	1		24	19.23	19.29	19.31	20.00
	12		0	18.44	18.48	18.53	19.00
	12		6	18.47	18.44	18.42	19.00
	12		13	18.58	18.60	18.45	19.00
	25		0	18.60	18.58	18.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.59	20.53	20.63	21.50
		1	25	20.61	20.55	20.65	21.50
		1	49	20.77	20.71	20.81	21.50
		25	0	20.29	20.14	20.21	21.00
		25	13	20.14	20.16	20.13	21.00
		25	25	20.11	20.17	20.20	21.00
		50	0	20.09	20.15	20.14	21.00
		50	0	20.09	20.15	20.14	21.00
	16QAM	1	0	20.36	20.29	20.24	21.00
		1	25	20.24	20.58	20.60	21.00
		1	49	20.23	20.46	20.14	21.00
		25	0	19.13	19.20	19.08	20.00
		25	13	19.23	19.30	19.18	20.00
		25	25	19.12	19.37	19.38	20.00
		50	0	19.30	19.33	19.33	20.00
		50	0	19.30	19.33	19.33	20.00
	64QAM	1	0	19.36	19.42	19.39	20.00
		1	25	19.23	19.38	19.39	20.00
		1	49	19.41	19.41	19.42	20.00
		25	0	18.54	18.61	18.62	19.00
		25	13	18.54	18.50	18.60	19.00
		25	25	18.50	18.62	18.51	19.00
		50	0	18.61	18.43	18.52	19.00
		50	0	18.61	18.43	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.64	20.54	20.60	21.50
		1	38	20.66	20.56	20.62	21.50
		1	74	20.82	20.72	20.78	21.50
		36	0	20.34	20.21	20.24	21.00
		36	18	20.19	20.23	20.16	21.00
		36	39	20.16	20.24	20.23	21.00
		75	0	20.14	20.22	20.17	21.00
		75	0	20.14	20.22	20.17	21.00
	16QAM	1	0	20.41	20.34	20.29	21.00
		1	38	20.29	20.63	20.65	21.00
		1	74	20.28	20.51	20.19	21.00
		36	0	19.18	19.25	19.13	20.00
		36	18	19.28	19.35	19.23	20.00
		36	39	19.14	19.39	19.40	20.00
		75	0	19.32	19.35	19.35	20.00
		75	0	19.32	19.35	19.35	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	64QAM	1	0	19.24	19.29	19.38	20.00	
		1	38	19.22	19.21	19.41	20.00	
		1	74	19.41	19.38	19.29	20.00	
		36	0	18.50	18.60	18.45	19.00	
		36	18	18.47	18.49	18.43	19.00	
		36	39	18.61	18.42	18.60	19.00	
		75	0	18.43	18.52	18.47	19.00	
	20MHz	QPSK	1	0	20.59	20.61	20.62	21.50
			1	50	20.61	20.63	20.64	21.50
			1	99	20.77	20.79	20.80	21.50
			50	0	20.29	20.28	20.26	21.00
			50	25	20.14	20.30	20.18	21.00
			50	50	20.11	20.31	20.25	21.00
			100	0	20.18	20.29	20.19	21.00
		16QAM	1	0	20.45	20.41	20.31	21.00
			1	50	20.33	20.70	20.67	21.00
			1	99	20.32	20.47	20.17	21.00
			50	0	19.22	19.21	19.11	20.00
			50	25	19.32	19.31	19.21	20.00
			50	50	19.18	19.35	19.38	20.00
			100	0	19.36	19.31	19.33	20.00
64QAM		1	0	19.37	19.26	19.25	20.00	
		1	50	19.22	19.35	19.37	20.00	
		1	99	19.40	19.28	19.22	20.00	
		50	0	18.60	18.42	18.46	19.00	
		50	25	18.61	18.53	18.57	19.00	
		50	50	18.57	18.59	18.50	19.00	
		100	0	18.62	18.59	18.44	19.00	

LTE Band 66 Receiver on&Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	16.25	16.20	16.25	17.00
		1	2	16.13	16.08	16.13	17.00
		1	5	16.09	16.04	16.09	17.00
		3	0	16.12	16.07	16.12	17.00
		3	1	16.08	16.03	16.08	17.00
		3	3	16.35	16.12	16.17	17.00
		6	0	15.89	15.90	15.95	17.00
	16QAM	1	0	16.11	16.14	16.13	17.00
		1	2	16.00	16.03	15.95	17.00
		1	5	16.02	16.15	16.03	17.00
		3	0	15.99	16.12	16.00	17.00
		3	1	16.05	16.18	16.06	17.00
		3	3	16.24	16.34	16.28	17.00
		6	0	16.06	16.16	16.10	17.00
	64QAM	1	0	15.89	15.92	15.96	17.00
		1	2	16.19	16.10	16.15	17.00
		1	5	16.14	15.92	15.89	17.00
		3	0	16.20	16.16	16.00	17.00
		3	1	16.08	16.03	16.14	17.00

Bandwidth	Modulation	3	3	16.04	15.96	16.09	17.00
		6	0	15.91	15.92	16.10	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	16.20	16.13	16.33	17.00
		1	7	16.08	16.01	16.10	17.00
		1	14	16.04	15.97	16.06	17.00
		8	0	16.07	16.00	16.09	17.00
		8	4	16.03	15.96	16.05	17.00
		8	7	16.15	16.05	16.14	17.00
		15	0	15.84	15.83	15.92	17.00
	16QAM	1	0	16.06	16.09	16.08	17.00
		1	7	15.95	15.98	15.90	17.00
		1	14	15.97	16.10	15.98	17.00
		8	0	15.94	16.07	15.95	17.00
		8	4	16.00	16.13	16.01	17.00
		8	7	16.22	16.32	16.26	17.00
		15	0	16.04	16.14	16.08	17.00
	64QAM	1	0	16.05	15.89	16.09	17.00
		1	7	16.05	15.94	16.20	17.00
		1	14	15.93	15.92	16.02	17.00
		8	0	16.04	16.17	16.04	17.00
		8	4	16.07	16.11	16.12	17.00
		8	7	16.15	15.95	15.93	17.00
		15	0	16.09	16.18	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	16.20	16.31	16.27	17.00
		1	13	16.08	16.15	16.15	17.00
		1	24	16.04	16.11	16.11	17.00
		12	0	16.07	16.14	16.14	17.00
		12	6	16.03	16.10	16.10	17.00
		12	13	16.15	16.19	16.19	17.00
		25	0	15.93	15.97	15.97	17.00
	16QAM	1	0	16.15	16.21	16.15	17.00
		1	13	16.04	16.10	15.97	17.00
		1	24	16.06	16.11	16.01	17.00
		12	0	16.03	16.08	15.98	17.00
		12	6	16.09	16.14	16.04	17.00
		12	13	16.28	16.30	16.26	17.00
		25	0	16.10	16.12	16.08	17.00
	64QAM	1	0	16.13	16.19	15.95	17.00
		1	13	15.90	15.89	16.13	17.00
		1	24	16.16	16.01	16.19	17.00
		12	0	16.05	16.02	16.07	17.00
		12	6	16.17	15.92	16.03	17.00
		12	13	15.97	16.00	16.03	17.00
		25	0	15.97	16.15	15.94	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	16.25	16.34	16.30	17.00
		1	25	16.13	16.22	16.18	17.00
		1	49	16.09	16.18	16.14	17.00
		25	0	16.12	16.21	16.17	17.00
		25	13	16.08	16.17	16.13	17.00

		25	25	16.20	16.26	16.22	17.00
		50	0	15.98	16.04	16.00	17.00
	16QAM	1	0	16.20	16.26	16.20	17.00
		1	25	16.09	16.15	16.02	17.00
		1	49	16.11	16.16	16.06	17.00
		25	0	16.08	16.13	16.03	17.00
		25	13	16.14	16.19	16.09	17.00
		25	25	16.30	16.32	16.28	17.00
		50	0	16.12	16.14	16.10	17.00
		64QAM	1	0	16.20	16.04	16.14
	1		25	15.93	15.93	16.12	17.00
	1		49	16.15	15.94	16.12	17.00
	25		0	15.93	15.94	15.97	17.00
	25		13	15.92	15.93	16.20	17.00
	25		25	15.99	16.03	15.91	17.00
	50		0	16.20	16.16	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	16.20	16.19	16.28	17.00
		1	38	16.08	16.07	16.16	17.00
		1	74	16.04	16.03	16.12	17.00
		36	0	16.07	16.06	16.15	17.00
		36	18	16.03	16.02	16.11	17.00
		36	39	16.33	16.11	16.20	17.00
		75	0	15.87	15.89	15.98	17.00
	16QAM	1	0	16.09	16.13	16.16	17.00
		1	38	15.98	16.02	15.91	17.00
		1	74	16.00	16.13	16.01	17.00
		36	0	15.97	16.10	15.98	17.00
		36	18	16.07	16.20	16.08	17.00
		36	39	16.26	16.18	16.30	17.00
		75	0	16.08	16.18	16.12	17.00
	64QAM	1	0	15.99	16.07	15.96	17.00
		1	38	16.11	16.20	15.94	17.00
		1	74	16.01	16.10	15.99	17.00
		36	0	16.03	16.00	16.08	17.00
		36	18	15.89	16.04	16.01	17.00
		36	39	15.96	15.99	16.07	17.00
		75	0	16.11	16.10	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	16.30	16.35	16.27	17.00
		1	50	16.18	16.23	16.15	17.00
		1	99	16.14	16.19	16.11	17.00
		50	0	16.17	16.22	16.14	17.00
		50	25	16.13	16.18	16.10	17.00
		50	50	16.22	16.27	16.19	17.00
		100	0	16.00	16.05	15.97	17.00
	16QAM	1	0	16.22	16.27	16.17	17.00
		1	50	16.11	16.16	16.06	17.00
		1	99	16.13	16.18	16.08	17.00
		50	0	16.10	16.15	16.05	17.00
		50	25	16.12	16.17	16.07	17.00
		50	50	16.28	16.30	16.26	17.00
		100	0	16.10	16.12	16.08	17.00

64QAM	1	0	16.07	16.12	15.97	17.00
	1	50	16.16	15.94	16.09	17.00
	1	99	15.97	15.96	15.96	17.00
	50	0	16.11	16.02	16.01	17.00
	50	25	16.04	16.16	16.09	17.00
	50	50	16.09	15.93	15.92	17.00
	100	0	16.07	15.97	16.12	17.00

Table 13: Conducted Power of LTE

6 Conducted Power of ENDC_LTE Antenna(Ant1)

6.1 Conducted Power of LTE

LTE Band 4 Hotspot off&Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.03	22.03	22.08	23.50	
		1	2	21.96	21.89	22.03	23.50	
		1	5	22.07	21.99	21.98	23.50	
		3	0	22.09	22.26	22.18	23.50	
		3	2	22.11	21.84	21.96	23.50	
		3	3	22.07	21.87	21.89	23.50	
	16QAM	6	0	21.03	21.06	20.74	22.50	
		1	0	21.30	21.24	21.33	22.50	
		1	2	20.94	20.85	20.95	22.50	
		1	5	20.86	20.80	21.02	22.50	
		3	0	21.24	21.01	21.20	22.50	
		3	2	20.92	20.98	21.12	22.50	
	64QAM	3	3	20.88	20.90	20.97	22.50	
		6	0	20.13	19.92	20.05	21.50	
		1	0	19.95	19.91	19.86	21.50	
		1	2	19.88	19.83	19.59	21.50	
		1	5	19.74	19.66	19.86	21.50	
		3	0	20.06	20.28	20.26	21.50	
	3MHz	QPSK	3	2	20.13	20.03	20.03	21.50
			3	3	19.99	20.05	19.87	21.50
	6		0	19.07	18.90	18.98	20.50	
1	0		22.03	22.05	22.16	23.50		
1	7		21.95	21.93	22.09	23.50		
		1	14	22.18	22.04	22.05	23.50	
		8	0	21.20	21.33	21.38	22.50	
		8	4	21.25	20.93	21.02	22.50	

		8	7	21.10	20.99	21.02	22.50
		15	0	21.10	21.15	20.93	22.50
	16QAM	1	0	21.42	21.33	21.45	22.50
		1	7	21.03	20.94	21.10	22.50
		1	14	20.93	20.90	21.02	22.50
		8	0	20.28	20.12	20.34	21.50
		8	4	20.01	20.07	20.20	21.50
		8	7	19.90	20.02	20.01	21.50
		15	0	20.19	20.03	20.10	21.50
	64QAM	1	0	20.14	19.96	19.95	21.50
		1	7	19.91	19.87	19.70	21.50
		1	14	19.82	19.66	19.88	21.50
		8	0	19.14	19.37	19.28	20.50
		8	4	19.17	19.13	19.13	20.50
		8	7	19.09	19.18	18.97	20.50
15		0	19.25	19.02	19.09	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.98	22.01	22.05	23.50
		1	13	21.94	21.86	21.99	23.50
		1	24	22.01	21.98	21.96	23.50
		12	0	21.10	21.24	21.30	22.50
		12	6	21.11	20.85	20.92	22.50
		12	13	21.00	20.90	20.89	22.50
		25	0	21.01	21.05	20.83	22.50
	16QAM	1	0	21.31	21.24	21.38	22.50
		1	13	20.90	20.85	20.99	22.50
		1	24	20.86	20.79	21.00	22.50
		12	0	20.18	20.05	20.18	21.50
		12	6	19.95	20.03	20.12	21.50
		12	13	19.80	19.94	19.92	21.50
		25	0	20.11	19.91	20.00	21.50
	64QAM	1	0	20.03	19.93	19.87	21.50
		1	13	19.85	19.77	19.57	21.50
		1	24	19.79	19.59	19.81	21.50
		12	0	19.08	19.30	19.25	20.50
		12	6	19.11	19.07	19.03	20.50
		12	13	19.03	19.11	18.94	20.50
		25	0	19.10	18.98	19.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
5MHz	QPSK	1	0	21.87	21.91	22.00	23.50
		1	25	21.83	21.78	21.93	23.50
		1	49	21.96	21.87	21.89	23.50

		25	0	21.04	21.17	21.19	22.50	
		25	13	21.04	20.80	20.86	22.50	
		25	25	20.95	20.83	20.84	22.50	
		50	0	20.94	21.00	20.73	22.50	
		1	0	21.26	21.18	21.29	22.50	
	16QAM	1	25	20.83	20.78	20.93	22.50	
		1	49	20.79	20.73	20.91	22.50	
		25	0	20.12	19.94	20.13	21.50	
		25	13	19.88	19.92	20.01	21.50	
		25	25	19.75	19.83	19.86	21.50	
	64QAM	50	0	20.05	19.84	19.94	21.50	
		1	0	19.95	19.84	19.76	21.50	
		1	25	19.80	19.70	19.51	21.50	
		1	49	19.71	19.54	19.76	21.50	
		25	0	18.99	19.21	19.15	20.50	
	25	13	19.02	18.98	18.97	20.50		
	25	25	18.93	19.02	18.83	20.50		
	50	0	19.03	18.88	18.90	20.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
10MHz	QPSK	1	0	21.83	22.09	22.05	23.50	
		1	25	21.93	21.76	21.80	23.50	
		1	49	21.89	21.95	21.88	23.50	
		25	0	21.04	20.89	21.03	22.50	
		25	13	20.87	20.75	21.03	22.50	
		25	25	20.97	20.95	20.90	22.50	
	16QAM	50	0	20.93	20.91	20.95	22.50	
		1	0	21.23	21.33	21.28	22.50	
		1	25	20.86	20.78	20.74	22.50	
		1	49	20.99	20.98	20.85	22.50	
		25	0	20.08	20.02	20.01	21.50	
		25	13	19.95	19.85	20.05	21.50	
	64QAM	25	25	19.94	19.70	19.80	21.50	
		50	0	19.99	19.98	19.99	21.50	
		1	0	19.84	19.90	19.72	21.50	
		1	25	19.69	19.80	19.79	21.50	
		1	49	19.73	19.67	19.65	21.50	
		25	0	19.20	19.08	18.96	20.50	
		25	13	18.85	18.88	18.86	20.50	
		25	25	18.73	18.79	18.90	20.50	
		50	0	18.96	18.90	18.97	20.50	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
15MHz	QPSK	1	0	22.13	22.01	22.11	23.50	
		1	38	21.70	21.92	21.67	23.50	
		1	74	21.80	21.95	21.87	23.50	
		36	0	20.91	20.89	21.11	22.50	
		36	18	20.94	20.94	20.94	22.50	
		36	39	20.80	20.71	20.90	22.50	
		75	0	20.88	21.02	20.76	22.50	
	16QAM	1	0	21.12	21.15	21.14	22.50	
		1	38	20.81	20.71	20.88	22.50	
		1	74	20.96	20.97	20.93	22.50	
		36	0	19.92	19.85	19.90	21.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	36	18	19.77	20.03	19.78	21.50	
		36	39	19.78	19.97	19.87	21.50	
		75	0	19.99	19.96	19.87	21.50	
		1	0	20.01	19.89	19.90	21.50	
		1	38	19.81	19.73	19.69	21.50	
		1	74	19.74	19.68	19.64	21.50	
		36	0	19.16	18.98	19.24	20.50	
		36	18	18.93	18.82	19.08	20.50	
		36	39	18.83	18.86	18.74	20.50	
	75	0	18.85	18.92	18.98	20.50		
	QPSK	1	0	22.05	22.05	21.87	23.50	
		1	50	21.88	21.78	21.78	23.50	
		1	99	21.94	21.84	21.81	23.50	
		50	0	21.09	21.04	20.94	22.50	
		50	25	21.04	20.90	20.95	22.50	
		50	50	20.94	20.85	20.86	22.50	
		100	0	21.07	20.87	20.93	22.50	
		16QAM	1	0	21.05	21.18	20.94	22.50
			1	50	20.95	20.83	20.77	22.50
			1	99	20.97	20.87	20.94	22.50
			50	0	20.05	19.99	19.93	21.50
			50	25	20.07	19.92	19.91	21.50
			50	50	19.89	19.84	19.85	21.50
		100	0	20.08	19.94	19.91	21.50	
		64QAM	1	0	19.71	19.86	19.76	21.50
			1	50	19.78	19.66	19.61	21.50
			1	99	19.64	19.61	19.53	21.50
			50	0	19.19	19.11	19.03	20.50
50			25	19.10	18.94	18.96	20.50	
50			50	18.95	18.88	18.92	20.50	
100			0	19.07	18.90	18.92	20.50	

LTE Band 4 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.14	20.06	20.15	21.50
		1	2	20.00	19.93	19.93	21.50
		1	5	20.12	20.13	19.96	21.50
		3	0	20.30	20.11	20.20	21.50
		3	2	20.03	20.24	20.09	21.50
		3	3	20.01	20.04	20.05	21.50
		6	0	19.14	19.24	19.34	20.50
	16QAM	1	0	19.09	19.14	19.16	20.50
		1	2	19.08	18.99	19.05	20.50
		1	5	19.19	19.06	19.12	20.50
		3	0	19.15	19.04	19.23	20.50
		3	2	19.21	19.06	19.29	20.50

		3	3	18.98	18.99	19.12	20.50
		6	0	18.23	18.22	18.14	19.50
		1	0	17.80	17.94	17.60	19.50
	64QAM	1	2	18.09	17.96	17.78	19.50
		1	5	17.69	17.76	17.76	19.50
		3	0	18.23	18.19	18.23	19.50
		3	2	18.20	18.36	18.22	19.50
		3	3	18.09	18.21	17.89	19.50
		6	0	17.17	17.11	17.24	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.05	20.05	20.03	21.50
		1	7	19.83	19.92	19.77	21.50
		1	14	19.98	20.12	19.98	21.50
		8	0	19.20	19.10	19.16	20.50
		8	4	19.04	19.05	19.04	20.50
		8	7	19.04	19.01	18.90	20.50
		15	0	19.06	19.06	19.18	20.50
	16QAM	1	0	19.03	19.10	19.03	20.50
		1	7	19.02	18.91	18.92	20.50
		1	14	19.04	19.06	19.07	20.50
		8	0	18.06	18.00	18.25	19.50
		8	4	18.08	18.01	18.14	19.50
		8	7	17.85	17.86	17.99	19.50
		15	0	18.12	18.25	18.00	19.50
	64QAM	1	0	17.69	17.80	17.68	19.50
		1	7	17.87	17.87	17.77	19.50
		1	14	17.62	17.65	17.70	19.50
		8	0	17.24	17.22	17.14	18.50
		8	4	17.14	17.26	17.02	18.50
		8	7	16.95	17.09	16.86	18.50
		15	0	17.07	17.10	17.06	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.18	20.19	20.14	21.50
		1	13	20.02	19.90	19.93	21.50
		1	24	20.13	20.09	20.02	21.50
		12	0	19.20	19.18	19.28	20.50
		12	6	19.10	19.19	18.99	20.50
		12	13	19.04	19.07	19.02	20.50
		25	0	19.13	19.20	19.26	20.50
	16QAM	1	0	19.05	19.20	19.07	20.50
		1	13	19.14	19.00	19.02	20.50

		1	24	19.14	19.16	19.06	20.50			
		12	0	18.21	18.02	18.22	19.50			
		12	6	18.17	18.12	18.27	19.50			
		12	13	18.00	18.00	18.04	19.50			
		25	0	18.13	18.23	18.14	19.50			
		1	0	17.72	17.92	17.72	19.50			
		1	13	17.94	17.93	17.77	19.50			
	64QAM	1	24	17.57	17.79	17.72	19.50			
		12	0	17.18	17.18	17.26	18.50			
		12	6	17.22	17.30	17.18	18.50			
		12	13	17.02	17.20	16.97	18.50			
		25	0	17.19	17.10	17.08	18.50			
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						20000	20175	20350		
5MHz	QPSK	1	0	20.06	20.13	20.00	21.50			
		1	25	19.97	19.82	19.90	21.50			
		1	49	19.93	20.09	20.00	21.50			
		25	0	19.13	19.08	19.11	20.50			
		25	13	18.98	19.11	18.93	20.50			
		25	25	19.08	19.02	18.93	20.50			
		50	0	19.10	19.08	19.23	20.50			
	16QAM	1	0	18.99	19.12	18.98	20.50			
		1	25	19.02	18.89	19.02	20.50			
		1	49	19.05	19.01	19.11	20.50			
		25	0	18.09	17.98	18.10	19.50			
		25	13	18.12	18.04	18.15	19.50			
		25	25	17.89	17.86	18.00	19.50			
		50	0	18.08	18.16	17.98	19.50			
	64QAM	1	0	17.65	17.80	17.59	19.50			
		1	25	17.90	17.82	17.73	19.50			
		1	49	17.53	17.65	17.72	19.50			
		25	0	17.18	17.20	17.06	18.50			
		25	13	17.10	17.24	17.13	18.50			
		25	25	16.96	16.99	16.93	18.50			
		50	0	17.09	17.05	17.03	18.50			
		Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350			
	10MHz	QPSK	1	0	19.96	19.98	19.92	21.50		
			1	25	19.84	19.71	19.78	21.50		
			1	49	19.93	19.94	19.89	21.50		
			25	0	19.06	19.00	19.13	20.50		
			25	13	18.92	19.04	18.90	20.50		
25			25	18.94	19.01	18.90	20.50			
50			0	19.02	18.92	19.07	20.50			
16QAM		1	0	18.88	18.97	18.95	20.50			
		1	25	18.92	18.87	18.88	20.50			
		1	49	18.96	19.01	18.98	20.50			
		25	0	18.04	17.91	18.08	19.50			
		25	13	18.03	17.96	18.14	19.50			
		25	25	17.82	17.77	17.92	19.50			
		50	0	17.99	18.07	17.97	19.50			

		1	0	17.60	17.75	17.58	19.50
		1	25	17.82	17.72	17.64	19.50
		1	49	17.59	17.51	17.64	19.50
	64QAM	25	0	17.08	17.09	17.04	18.50
		25	13	17.04	17.16	17.05	18.50
		25	25	16.89	17.00	16.86	18.50
		50	0	16.96	16.89	16.93	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.08	20.06	20.06	21.50
		1	38	19.89	19.82	19.90	21.50
		1	74	20.01	20.02	19.93	21.50
		36	0	19.13	19.05	19.18	20.50
		36	18	18.99	19.11	18.99	20.50
		36	39	19.06	19.06	18.90	20.50
		75	0	19.05	19.06	19.16	20.50
	16QAM	1	0	19.02	19.09	19.05	20.50
		1	38	19.01	18.95	18.95	20.50
		1	74	19.06	19.04	19.04	20.50
		36	0	18.16	18.02	18.17	19.50
		36	18	18.08	18.01	18.14	19.50
		36	39	17.86	17.84	17.97	19.50
		75	0	18.11	18.18	18.04	19.50
	64QAM	1	0	17.68	17.77	17.67	19.50
		1	38	17.90	17.83	17.73	19.50
		1	74	17.59	17.65	17.73	19.50
		36	0	17.18	17.18	17.15	18.50
		36	18	17.15	17.18	17.14	18.50
		36	39	16.94	17.08	16.89	18.50
		75	0	17.08	17.05	17.03	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.14	20.17	20.12	21.50
		1	50	20.00	19.91	19.95	21.50
		1	99	20.08	20.13	20.04	21.50
		50	0	19.22	19.16	19.25	20.50
		50	25	19.08	19.20	19.06	20.50
		50	50	19.12	19.12	19.01	20.50
		100	0	19.14	19.14	19.27	20.50
	16QAM	1	0	19.07	19.18	19.12	20.50
		1	50	19.11	19.00	19.01	20.50
		1	99	19.13	19.12	19.13	20.50
		50	0	18.23	18.09	18.24	19.50
		50	25	18.19	18.08	18.25	19.50
		50	50	17.97	17.95	18.06	19.50
		100	0	18.17	18.24	18.13	19.50
	64QAM	1	0	17.75	17.88	17.72	19.50
		1	50	17.97	17.88	17.81	19.50
		1	99	17.64	17.72	17.78	19.50
		50	0	17.24	17.27	17.20	18.50
		50	25	17.23	17.28	17.20	18.50
		50	50	17.04	17.13	16.99	18.50
		100	0	17.17	17.10	17.12	18.50

LTE Band 7 Hotspot off&Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	21.55	21.38	21.39	22.50
		1	13	21.48	21.51	21.48	22.50
		1	24	21.80	21.78	21.67	22.50
		12	0	20.56	20.35	20.54	21.50
		12	6	20.84	20.68	20.71	21.50
		12	13	21.02	20.97	21.17	21.50
		25	0	20.95	21.12	21.20	21.50
	16QAM	1	0	20.66	20.76	20.62	21.50
		1	13	20.79	20.91	20.86	21.50
		1	24	21.38	21.24	21.16	21.50
		12	0	19.68	19.47	19.50	20.50
		12	6	19.84	19.81	19.84	20.50
		12	13	20.11	20.22	20.21	20.50
		25	0	20.02	20.01	20.14	20.50
	64QAM	1	0	18.83	18.83	18.76	20.50
		1	13	18.81	18.74	18.94	19.50
		1	24	18.28	18.57	18.47	19.50
		12	0	17.79	17.62	17.63	19.50
		12	6	18.01	17.90	17.84	19.50
		12	13	18.57	18.46	18.49	19.50
		25	0	18.30	18.28	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	21.61	21.46	21.49	22.50
		1	25	21.59	21.56	21.58	22.50
		1	49	21.88	21.83	21.75	22.50
		25	0	20.65	20.44	20.64	21.50
		25	13	20.94	20.79	20.77	21.50
		25	25	21.10	21.02	21.22	21.50
		50	0	21.05	21.20	21.30	21.50
	16QAM	1	0	20.75	20.82	20.72	21.50
		1	25	20.90	21.02	20.93	21.50
		1	49	21.43	21.34	21.25	21.50
		25	0	19.75	19.54	19.59	20.50
		25	13	19.90	19.92	19.94	20.50
		25	25	20.19	20.27	20.29	20.50
		50	0	20.13	20.12	20.20	20.50

		1	0	18.91	18.88	18.86	20.50
		1	25	18.87	18.81	19.00	19.50
		1	49	18.39	18.67	18.53	19.50
	64QAM	25	0	17.88	17.70	17.74	19.50
		25	13	18.09	18.00	17.95	19.50
		25	25	18.64	18.53	18.60	19.50
		50	0	18.38	18.39	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	21.55	21.39	21.44	22.50
		1	38	21.53	21.49	21.47	22.50
		1	74	21.80	21.77	21.70	22.50
		36	0	20.59	20.34	20.55	21.50
		36	18	20.89	20.70	20.71	21.50
		36	39	20.99	20.97	21.13	21.50
		75	0	20.97	21.13	21.19	21.50
	16QAM	1	0	20.68	20.71	20.61	21.50
		1	38	20.85	20.93	20.84	21.50
		1	74	21.37	21.24	21.18	21.50
		36	0	19.70	19.47	19.50	20.50
		36	18	19.83	19.81	19.88	20.50
		36	39	20.14	20.22	20.18	20.50
		75	0	20.02	20.04	20.12	20.50
	64QAM	1	0	18.84	18.81	18.80	20.50
		1	38	18.77	18.73	18.94	19.50
		1	74	18.33	18.56	18.43	19.50
		36	0	17.82	17.63	17.69	19.50
		36	18	17.99	17.94	17.86	19.50
		36	39	18.59	18.42	18.50	19.50
		75	0	18.32	18.30	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	21.60	21.45	21.51	22.50
		1	50	21.61	21.56	21.56	22.50
		1	99	21.85	21.87	21.77	22.50
		50	0	20.66	20.45	20.62	21.50
		50	25	20.95	20.77	20.82	21.50
		50	50	21.06	21.15	21.12	21.50
		100	0	21.08	21.24	21.30	21.50
	16QAM	1	0	20.74	20.78	20.72	21.50
		1	50	20.95	20.98	20.90	21.50
		1	99	21.44	21.30	21.27	21.50
		50	0	19.81	19.56	19.55	20.50
		50	25	19.92	19.90	19.93	20.50
		50	50	20.22	20.32	20.25	20.50
		100	0	20.10	20.14	20.17	20.50
	64QAM	1	0	18.93	18.92	18.90	20.50

		1	50	18.82	18.78	19.05	19.50
		1	99	18.42	18.63	18.54	19.50
		50	0	17.91	17.74	17.78	19.50
		50	25	18.04	18.03	17.96	19.50
		50	50	18.69	18.48	18.56	19.50
		100	0	18.37	18.35	18.39	19.50

LTE Band 7 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.24	19.15	19.25	19.50
		1	13	19.14	19.08	19.18	19.50
		1	24	19.19	19.11	19.17	19.50
		12	0	19.22	19.22	19.12	19.50
		12	6	19.40	19.26	19.26	19.50
		12	13	19.12	18.96	19.22	19.50
		25	0	19.35	19.21	19.18	19.50
	16QAM	1	0	19.21	19.28	19.40	19.50
		1	13	19.24	19.17	19.08	19.50
		1	24	18.92	19.12	18.97	19.50
		12	0	19.29	19.24	19.20	19.50
		12	6	19.22	19.31	19.26	19.50
		12	13	19.41	19.30	19.06	19.50
		25	0	19.19	19.23	19.12	19.50
	64QAM	1	0	19.08	19.14	18.96	19.50
		1	13	19.32	19.17	19.30	19.50
		1	24	18.82	18.83	18.89	19.50
		12	0	19.21	19.26	19.26	19.50
		12	6	19.12	18.98	18.87	19.50
		12	13	18.35	18.25	18.42	19.50
		25	0	18.87	18.71	18.77	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.31	19.25	19.32	19.50
		1	25	19.24	19.16	19.23	19.50
		1	49	19.25	19.19	19.22	19.50
		25	0	19.28	19.33	19.18	19.50
		25	13	19.45	19.36	19.31	19.50
		25	25	19.18	19.02	19.27	19.50
		50	0	19.43	19.31	19.24	19.50
	16QAM	1	0	19.28	19.35	19.47	19.50
		1	25	19.32	19.25	19.13	19.50
		1	49	19.03	19.17	19.03	19.50
		25	0	19.39	19.33	19.27	19.50
		25	13	19.31	19.37	19.33	19.50
		25	25	19.48	19.36	19.17	19.50
		50	0	19.27	19.29	19.19	19.50
	64QAM	1	0	19.19	19.21	19.01	19.50

		1	25	19.38	19.22	19.37	19.50
		1	49	18.90	18.88	18.94	19.50
		25	0	19.28	19.33	19.35	19.50
		25	13	19.20	19.06	18.93	19.50
		25	25	18.44	18.31	18.47	19.50
		50	0	18.92	18.79	18.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.20	19.14	19.25	19.50
		1	38	19.13	19.08	19.12	19.50
		1	74	19.17	19.13	19.15	19.50
		36	0	19.20	19.22	19.10	19.50
		36	18	19.34	19.26	19.25	19.50
		36	39	19.13	18.97	19.18	19.50
		75	0	19.34	19.26	19.16	19.50
	16QAM	1	0	19.17	19.26	19.21	19.50
		1	38	19.21	19.14	19.05	19.50
		1	74	18.96	19.07	18.93	19.50
		36	0	19.32	19.28	19.21	19.50
		36	18	19.26	19.29	19.23	19.50
		36	39	19.12	19.31	19.11	19.50
		75	0	19.17	19.19	19.08	19.50
	64QAM	1	0	19.11	19.15	18.96	19.50
		1	38	19.32	19.15	19.27	19.50
		1	74	18.85	18.81	18.85	19.50
		36	0	19.19	19.22	19.25	19.50
		36	18	19.11	18.99	18.83	19.50
		36	39	18.35	18.20	18.39	19.50
		75	0	18.82	18.71	18.78	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	19.30	19.35	19.33	19.50
		1	50	19.19	19.15	19.22	19.50
		1	99	19.28	19.21	19.23	19.50
		50	0	19.26	19.32	19.20	19.50
		50	25	19.22	19.33	19.36	19.50
		50	50	19.19	19.02	19.24	19.50
		100	0	19.02	19.32	19.22	19.50
	16QAM	1	0	19.24	19.34	19.15	19.50
		1	50	19.32	19.21	19.12	19.50
		1	99	19.02	19.15	19.04	19.50
		50	0	19.02	19.10	19.27	19.50
		50	25	19.02	19.35	19.33	19.50
		50	50	19.15	19.21	19.20	19.50
		100	0	19.24	19.24	19.14	19.50
	64QAM	1	0	19.20	19.20	19.05	19.50
		1	50	19.00	19.22	19.03	19.50

		1	99	18.91	18.86	18.95	19.50
		50	0	19.27	19.30	19.30	19.50
		50	25	19.16	19.04	18.90	19.50
		50	50	18.45	18.31	18.46	19.50
		100	0	18.91	18.76	18.84	19.50

Table 14: Conducted Power of LTE

7 Conducted Power of ENDC_LTE Antenna(Ant2)

7.1 Conducted Power of LTE

LTE Band 7 Hotspot off&Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	20.13	20.28	20.26	21.50	
		1	13	20.36	20.32	20.26	21.50	
		1	24	20.26	20.40	20.40	21.50	
		12	0	19.52	19.51	19.25	20.50	
		12	6	19.37	19.63	19.61	20.50	
		12	13	19.37	19.36	19.36	20.50	
		25	0	19.45	19.57	19.27	20.50	
	16QAM	1	0	19.29	19.48	19.40	20.50	
		1	13	19.47	19.57	19.40	20.50	
		1	24	19.55	19.59	19.67	20.50	
		12	0	18.44	18.26	18.37	19.50	
		12	6	18.50	18.46	18.51	19.50	
		12	13	18.44	18.44	18.45	19.50	
		25	0	18.56	18.50	18.50	19.50	
	64QAM	1	0	17.95	18.17	17.90	19.50	
		1	13	18.04	18.25	18.25	19.50	
		1	24	17.75	17.66	17.39	18.50	
		12	0	16.79	16.84	16.94	18.50	
		12	6	17.04	17.03	17.07	18.50	
		12	13	17.31	17.32	17.36	18.50	
		25	0	17.30	17.27	17.07	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	10MHz	QPSK	1	0	20.18	20.35	20.32	21.50
			1	25	20.46	20.37	20.33	21.50
1			49	20.31	20.48	20.47	21.50	
25			0	19.60	19.62	19.32	20.50	
25			13	19.48	19.72	19.71	20.50	
25			25	19.44	19.43	19.44	20.50	
50			0	19.50	19.65	19.32	20.50	
16QAM		1	0	19.39	19.56	19.50	20.50	
		1	25	19.52	19.63	19.48	20.50	
		1	49	19.63	19.68	19.72	20.50	
		25	0	18.53	18.37	18.44	19.50	
		25	13	18.59	18.57	18.57	19.50	
		25	25	18.54	18.51	18.50	19.50	
		50	0	18.65	18.58	18.57	19.50	
64QAM		1	0	18.04	18.22	17.98	19.50	
		1	25	18.10	18.31	18.35	19.50	

		1	49	17.81	17.74	17.50	18.50
		25	0	16.89	16.95	17.00	18.50
		25	13	17.11	17.10	17.17	18.50
		25	25	17.37	17.42	17.41	18.50
		50	0	17.41	17.36	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.12	20.27	20.21	21.50
		1	38	20.39	20.26	20.27	21.50
		1	74	20.26	20.42	20.42	21.50
		36	0	19.49	19.53	19.26	20.50
		36	18	19.42	19.65	19.60	20.50
		36	39	19.35	19.34	19.35	20.50
		75	0	19.44	19.54	19.26	20.50
	16QAM	1	0	19.34	19.46	19.41	20.50
		1	38	19.45	19.52	19.40	20.50
		1	74	19.56	19.60	19.62	20.50
		36	0	18.43	18.26	18.35	19.50
		36	18	18.53	18.51	18.49	19.50
		36	39	18.46	18.40	18.42	19.50
		75	0	18.55	18.50	18.48	19.50
	64QAM	1	0	17.94	18.11	17.91	19.50
		1	38	18.04	18.20	18.25	19.50
		1	74	17.72	17.69	17.43	18.50
		36	0	16.79	16.90	16.93	18.50
		36	18	17.01	16.99	17.06	18.50
		36	39	17.29	17.32	17.32	18.50
		75	0	17.32	17.30	17.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.21	20.33	20.28	21.50
		1	50	20.44	20.33	20.32	21.50
		1	99	20.32	20.53	20.51	21.50
		50	0	19.58	19.61	19.33	20.50
		50	25	19.53	19.70	19.69	20.50
		50	50	19.45	19.42	19.46	20.50
		100	0	19.49	19.59	19.37	20.50
	16QAM	1	0	19.39	19.52	19.47	20.50
		1	50	19.51	19.61	19.51	20.50
		1	99	19.67	19.71	19.69	20.50
		50	0	18.49	18.35	18.40	19.50
		50	25	18.61	18.56	18.56	19.50
		50	50	18.53	18.47	18.48	19.50
		100	0	18.64	18.60	18.54	19.50
	64QAM	1	0	18.00	18.21	18.02	19.50
		1	50	18.14	18.26	18.36	19.50
		1	99	17.79	17.76	17.49	18.50
		50	0	16.87	16.99	16.98	18.50
		50	25	17.06	17.06	17.13	18.50
		50	50	17.38	17.37	17.42	18.50
		100	0	17.43	17.35	17.18	18.50

LTE Band 7 Hotspot on&Sensor on	Conducted Power(dBm)
---------------------------------	----------------------

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.35	19.27	19.29	20.00
		1	13	19.44	19.32	19.38	20.00
		1	24	19.30	19.31	19.35	20.00
		12	0	19.43	19.39	19.38	20.00
		12	6	19.24	19.38	19.28	20.00
		12	13	19.40	19.46	19.38	20.00
		25	0	19.24	19.34	19.47	20.00
	16QAM	1	0	19.38	19.35	19.32	20.00
		1	13	19.20	19.32	19.40	20.00
		1	24	19.22	19.36	19.31	20.00
		12	0	18.41	18.26	18.27	19.50
		12	6	18.57	18.52	18.50	19.50
		12	13	18.49	18.39	18.40	19.50
		25	0	18.50	18.50	18.45	19.50
	64QAM	1	0	18.16	18.03	18.06	19.50
		1	13	18.01	18.17	18.28	19.50
		1	24	17.68	17.68	17.42	18.50
		12	0	16.83	16.88	16.87	18.50
		12	6	16.95	17.02	17.08	18.50
		12	13	17.35	17.31	17.32	18.50
		25	0	17.31	17.24	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.46	19.36	19.34	20.00
		1	25	19.51	19.43	19.43	20.00
		1	49	19.35	19.38	19.43	20.00
		25	0	19.53	19.48	19.47	20.00
		25	13	19.33	19.47	19.39	20.00
		25	25	19.48	19.52	19.47	20.00
		50	0	19.33	19.45	19.54	20.00
	16QAM	1	0	19.45	19.44	19.39	20.00
		1	25	19.31	19.40	19.47	20.00
		1	49	19.28	19.42	19.37	20.00
		25	0	18.52	18.37	18.38	19.50
		25	13	18.63	18.61	18.60	19.50
		25	25	18.55	18.48	18.45	19.50
		50	0	18.59	18.60	18.55	19.50
	64QAM	1	0	18.23	18.12	18.16	19.50
		1	25	18.12	18.28	18.34	19.50
		1	49	17.79	17.76	17.53	18.50
		25	0	16.88	16.99	16.92	18.50
		25	13	17.04	17.10	17.19	18.50
		25	25	17.44	17.42	17.40	18.50
		50	0	17.42	17.34	17.21	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	19.41	19.28	19.26	20.00
		1	38	19.41	19.36	19.34	20.00
		1	74	19.26	19.33	19.36	20.00
		36	0	19.43	19.40	19.40	20.00
		36	18	19.28	19.39	19.33	20.00
		36	39	19.43	19.44	19.42	20.00
		75	0	19.26	19.37	19.48	20.00
		75	0	19.26	19.37	19.48	20.00

	16QAM	1	0	19.36	19.37	19.31	20.00
		1	38	19.23	19.32	19.42	20.00
		1	74	19.23	19.35	19.30	20.00
		36	0	18.42	18.30	18.32	19.50
		36	18	18.53	18.51	18.50	19.50
		36	39	18.47	18.39	18.39	19.50
		75	0	18.54	18.49	18.45	19.50
	64QAM	1	0	18.14	18.05	18.07	19.50
		1	38	18.05	18.20	18.27	19.50
		1	74	17.72	17.67	17.44	18.50
		36	0	16.79	16.88	16.87	18.50
		36	18	16.95	17.01	17.08	18.50
		36	39	17.33	17.31	17.32	18.50
		75	0	17.36	17.26	17.13	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	19.48	19.49	19.35	20.00
		1	50	19.47	19.42	19.44	20.00
		1	99	19.32	19.42	19.43	20.00
		50	0	19.48	19.48	19.49	20.00
		50	25	19.38	19.50	19.40	20.00
		50	50	19.48	19.50	19.51	20.00
		100	0	19.31	19.45	19.39	20.00
	16QAM	1	0	19.47	19.47	19.46	20.00
		1	50	19.44	19.46	19.43	20.00
		1	99	19.38	19.47	19.43	20.00
		50	0	18.49	18.35	18.40	19.50
		50	25	18.61	18.56	18.56	19.50
		50	50	18.53	18.47	18.48	19.50
		100	0	18.64	18.60	18.54	19.50
	64QAM	1	0	18.21	18.15	18.17	19.50
		1	50	18.14	18.26	18.36	19.50
		1	99	17.79	17.76	17.49	18.50
		50	0	16.87	16.99	16.98	18.50
		50	25	17.06	17.06	17.13	18.50
		50	50	17.38	17.37	17.42	18.50
		100	0	17.43	17.35	17.18	18.50

Table 15: Conducted Power of LTE

8 Conducted Power of ENDC_LTE Antenna(Ant3)

8.1 Conducted Power of LTE

LTE Band 7 Receiver off&Hotspot off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.79	18.93	18.78	19.50
		1	13	19.03	18.97	18.82	19.50
		1	24	18.95	18.93	19.14	19.50
		12	0	19.24	19.14	19.21	19.50
		12	6	18.92	19.08	19.15	19.50
		12	13	19.20	19.06	19.17	19.50
		25	0	18.79	19.00	18.82	19.50
	16QAM	1	0	19.10	19.24	19.39	19.50

		1	13	19.21	19.07	19.13	19.50	
		1	24	18.94	18.87	18.96	19.50	
		12	0	17.91	18.13	18.00	18.50	
		12	6	18.24	18.16	18.15	18.50	
		12	13	18.17	17.95	18.20	18.50	
		25	0	18.22	17.94	18.12	18.50	
	64QAM	1	0	16.66	18.09	17.76	18.50	
		1	13	17.30	17.33	18.00	18.55	
		1	24	18.19	17.12	16.58	18.50	
		12	0	16.01	17.27	17.24	17.50	
		12	6	16.31	17.03	17.18	17.50	
		12	13	17.10	16.45	16.56	17.50	
25	0	16.56	16.98	17.09	17.50			
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up	
10MHz	QPSK	1	0	18.89	19.03	18.89	19.50	
		1	25	19.08	19.04	18.91	19.50	
		1	49	19.05	19.02	19.21	19.50	
		25	0	19.32	19.23	19.26	19.50	
		25	13	19.01	19.14	19.26	19.50	
		25	25	19.26	19.17	19.27	19.50	
		50	0	18.89	19.10	18.89	19.50	
	16QAM	1	0	19.19	19.33	19.45	19.50	
		1	25	19.31	19.17	19.19	19.50	
		1	49	19.02	18.95	19.04	19.50	
		25	0	17.99	18.19	18.09	18.50	
		25	13	18.30	18.23	18.23	18.50	
		25	25	18.28	18.02	18.30	18.50	
		50	0	18.32	18.02	18.19	18.50	
	64QAM	1	0	16.77	18.18	17.86	18.50	
		1	25	17.40	17.43	18.07	18.55	
		1	49	18.27	17.21	16.64	18.50	
		25	0	16.08	17.32	17.30	17.50	
		25	13	16.41	17.10	17.24	17.50	
		25	25	17.17	16.55	16.61	17.50	
		50	0	16.65	17.03	17.14	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
	15MHz	QPSK	1	0	18.82	18.95	18.78	19.50
			1	38	18.97	18.95	18.82	19.50
1			74	19.00	18.93	19.14	19.50	
36			0	19.27	19.12	19.21	19.50	
36			18	18.90	19.07	19.18	19.50	
36			39	19.21	19.07	19.20	19.50	
75			0	18.81	19.04	18.84	19.50	
16QAM		1	0	19.14	19.22	19.35	19.50	
		1	38	19.23	19.07	19.13	19.50	
		1	74	18.95	18.85	18.96	19.50	
		36	0	17.93	18.09	18.04	18.50	
		36	18	18.23	18.13	18.13	18.50	
		36	39	18.20	17.96	18.20	18.50	
		75	0	18.25	17.96	18.08	18.50	
64QAM		1	0	16.68	18.12	17.79	18.50	
		1	38	17.31	17.38	17.99	18.55	
		1	74	18.18	17.10	16.59	18.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	36	0	16.00	17.26	17.19	17.50
		36	18	16.36	16.99	17.14	17.50
		36	39	17.08	16.47	16.54	17.50
		75	0	16.56	16.98	17.06	17.50
		1	0	18.91	19.20	18.88	19.50
		1	50	19.02	19.00	18.90	19.50
		1	99	19.08	19.04	19.01	19.50
	16QAM	50	0	19.32	19.18	19.29	19.50
		50	25	18.99	19.14	19.23	19.50
		50	50	19.28	19.15	19.26	19.50
		100	0	18.92	19.09	18.93	19.50
		1	0	19.24	19.33	19.40	19.50
		1	50	19.30	19.17	19.21	19.50
		1	99	19.00	18.92	19.05	19.50
	64QAM	50	0	17.99	18.17	18.15	18.50
		50	25	18.31	18.19	18.22	18.50
		50	50	18.28	18.07	18.30	18.50
		100	0	18.35	18.05	18.14	18.50
		1	0	16.79	18.21	17.86	18.50
		1	50	17.39	17.46	18.10	18.55
		1	99	18.25	17.18	16.66	18.50
	50	0	16.11	17.36	17.29	17.50	
	50	25	16.47	17.06	17.25	17.50	
	50	50	17.15	16.58	16.61	17.50	
	100	0	16.61	17.05	17.15	17.50	

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	17.03	16.91	16.88	17.50	
		1	13	16.91	16.87	17.03	17.50	
		1	24	17.00	16.95	16.99	17.50	
		12	0	17.01	17.01	16.97	17.50	
		12	6	17.18	17.11	17.24	17.50	
		12	13	17.25	17.10	17.30	17.50	
		25	0	17.12	17.06	17.28	17.50	
	16QAM	1	0	17.23	17.11	16.86	17.50	
		1	13	16.92	16.88	17.09	17.50	
		1	24	17.29	17.08	17.11	17.50	
		12	0	17.24	17.13	17.26	17.50	
		12	6	17.15	17.11	17.02	17.50	
		12	13	17.10	17.11	17.21	17.50	
		25	0	16.88	16.98	16.96	17.50	
	64QAM	1	0	16.96	17.00	16.78	17.50	
		1	13	17.01	16.88	16.71	17.50	
		1	24	16.71	16.68	16.62	17.50	
		12	0	16.01	17.27	17.24	17.50	
		12	6	16.31	17.03	17.18	17.50	
		12	13	17.10	16.45	16.56	17.50	
		25	0	16.56	16.98	17.09	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20800	21100	21400				
10MHz	QPSK	1	0	17.08	16.96	16.96	17.50			
		1	25	17.00	16.92	17.13	17.50			
		1	49	17.08	17.00	17.07	17.50			
		25	0	17.11	17.11	17.04	17.50			
		25	13	17.25	17.19	17.29	17.50			
		25	25	17.34	17.18	17.40	17.50			
	16QAM	50	0	17.21	17.12	17.34	17.50			
		1	0	17.31	17.18	16.97	17.50			
		1	25	17.00	16.99	17.17	17.50			
		1	49	17.37	17.16	17.20	17.50			
		25	0	17.33	17.19	17.34	17.50			
		25	13	17.25	17.17	17.13	17.50			
	64QAM	25	25	17.18	17.17	17.28	17.50			
		50	0	16.94	17.08	17.03	17.50			
		1	0	17.06	17.06	16.87	17.50			
		1	25	17.06	16.99	16.81	17.50			
		1	49	16.80	16.76	16.70	17.50			
		25	0	16.08	17.32	17.30	17.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20825	21100	21375				
				1	0	16.98		16.85	16.88	17.50
				1	38	16.93		16.87	17.02	17.50
				1	74	17.03		16.93	16.99	17.50
				36	0	17.03		17.06	16.93	17.50
				36	18	17.17		17.08	17.23	17.50
				36	39	17.26		17.13	17.32	17.50
15MHz	QPSK	75	0	17.14	17.03	17.23	17.50			
		1	0	17.25	17.07	16.91	17.50			
		1	38	16.95	16.90	17.08	17.50			
		1	74	17.28	17.08	17.11	17.50			
		36	0	17.27	17.13	17.24	17.50			
		36	18	17.17	17.07	17.03	17.50			
	16QAM	36	39	17.11	17.10	17.22	17.50			
		75	0	16.85	16.97	16.97	17.50			
		1	0	16.98	16.98	16.82	17.50			
		1	38	17.01	16.92	16.74	17.50			
		1	74	16.70	16.70	16.60	17.50			
		36	0	16.00	17.26	17.19	17.50			
64QAM	36	18	16.36	16.99	17.14	17.50				
	36	39	17.08	16.47	16.54	17.50				
	75	0	16.56	16.98	17.06	17.50				
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
					20850	21100	21350			
					1	0	17.13		16.96	17.11
1					50	16.98	16.98		16.96	17.50
1					99	17.11	16.99		17.04	17.50
50					0	17.13	17.12		17.04	17.50
50					25	17.39	17.14		17.31	17.50
50					50	17.36	17.20		17.39	17.50
20MHz	QPSK	100	0	17.20	17.08	17.28	17.50			
		1	0	17.30	17.12	17.01	17.50			
16QAM		1	0	17.30	17.12	17.01	17.50			

		1	50	17.02	16.98	17.13	17.50
		1	99	17.33	17.15	17.21	17.50
		50	0	17.38	17.18	17.29	17.50
		50	25	17.28	17.15	17.11	17.50
		50	50	17.16	17.17	17.29	17.50
		100	0	16.96	17.02	17.06	17.50
	64QAM	1	0	17.09	17.03	16.90	17.50
		1	50	17.12	17.00	16.83	17.50
		1	99	16.76	16.80	16.65	17.50
		50	0	16.11	17.36	17.29	17.50
		50	25	16.47	17.06	17.25	17.50
		50	50	17.15	16.58	16.61	17.50
		100	0	16.61	17.05	17.15	17.50

Table 16: Conducted Power of LTE

9 Conducted Power of ENDC_LTE Antenna(Ant5)

9.1 Conducted Power of LTE

LTE Band 4 Receiver off/Hotspot off/Sensor off				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	22.76	22.59	22.62	24.00	
		1	2	22.64	22.34	22.40	24.00	
		1	5	22.62	22.53	22.39	24.00	
		3	0	22.83	22.96	22.89	24.00	
		3	2	22.85	22.80	22.76	24.00	
		3	3	22.77	22.55	22.59	24.00	
	16QAM	6	0	21.68	21.65	21.81	23.00	
		1	0	21.97	21.96	21.90	23.00	
		1	2	21.74	21.86	21.86	23.00	
		1	5	21.81	21.97	21.96	23.00	
		3	0	21.68	21.87	21.75	23.00	
		3	2	21.57	21.75	21.83	23.00	
	64QAM	3	3	21.96	21.76	21.75	23.00	
		6	0	20.63	20.86	20.64	22.00	
		1	0	20.42	20.63	20.38	22.00	
		1	2	20.79	20.73	20.53	22.00	
		1	5	20.72	20.82	20.82	22.00	
		3	0	20.93	20.77	20.61	22.00	
	3MHz	QPSK	3	2	20.87	20.88	20.69	22.00
			3	3	20.66	20.82	20.67	22.00
			6	0	19.80	19.87	19.65	21.00
1			0	22.83	22.69	22.70	24.00	
1			7	22.74	22.45	22.50	24.00	
1			14	22.70	22.60	22.49	24.00	
8			0	21.94	22.05	21.94	23.00	
8		4	21.95	21.88	21.83	23.00		
8		7	21.82	21.66	21.68	23.00		
16QAM	15	0	21.75	21.75	21.89	23.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
				22.83	22.69	22.70	24.00	
				22.74	22.45	22.50	24.00	
				22.70	22.60	22.49	24.00	
				21.94	22.05	21.94	23.00	
				21.95	21.88	21.83	23.00	
				21.82	21.66	21.68	23.00	
				21.75	21.75	21.89	23.00	
				22.08	22.06	21.97	23.00	

		1	7	21.80	21.94	21.91	23.00
		1	14	21.87	22.07	22.02	23.00
		8	0	20.78	20.93	20.81	22.00
		8	4	20.68	20.80	20.90	22.00
		8	7	21.02	20.82	20.80	22.00
		15	0	20.70	20.96	20.75	22.00
	64QAM	1	0	20.48	20.69	20.45	22.00
		1	7	20.87	20.78	20.59	22.00
		1	14	20.82	20.93	20.87	22.00
		8	0	20.03	19.88	19.69	21.00
		8	4	19.94	19.97	19.76	21.00
		8	7	19.71	19.88	19.74	21.00
		15	0	19.85	19.93	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.75	22.58	22.59	24.00
		1	13	22.63	22.39	22.45	24.00
		1	24	22.63	22.52	22.44	24.00
		12	0	21.85	21.98	21.87	23.00
		12	6	21.86	21.83	21.77	23.00
		12	13	21.77	21.59	21.58	23.00
		25	0	21.68	21.66	21.82	23.00
	16QAM	1	0	21.98	21.99	21.86	23.00
		1	13	21.69	21.83	21.86	23.00
		1	24	21.79	22.00	21.92	23.00
		12	0	20.73	20.88	20.71	22.00
		12	6	20.62	20.69	20.84	22.00
		12	13	20.94	20.74	20.70	22.00
		25	0	20.64	20.91	20.68	22.00
	64QAM	1	0	20.40	20.59	20.40	22.00
		1	13	20.80	20.72	20.54	22.00
		1	24	20.76	20.85	20.76	22.00
		12	0	19.97	19.79	19.62	21.00
		12	6	19.89	19.87	19.65	21.00
		12	13	19.63	19.78	19.66	21.00
		25	0	19.78	19.82	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.83	22.64	22.70	24.00
		1	25	22.70	22.50	22.56	24.00
		1	49	22.70	22.63	22.50	24.00
		25	0	21.96	22.04	21.92	23.00
		25	13	21.95	21.94	21.82	23.00
		25	25	21.85	21.68	21.64	23.00
		50	0	21.79	21.77	21.88	23.00
	16QAM	1	0	22.09	22.06	21.93	23.00
		1	25	21.74	21.94	21.95	23.00
		1	49	21.86	22.08	22.03	23.00
		25	0	20.81	20.93	20.81	22.00
		25	13	20.72	20.78	20.94	22.00
		25	25	21.00	20.79	20.77	22.00
		50	0	20.70	20.97	20.76	22.00
	64QAM	1	0	20.48	20.70	20.51	22.00
		1	25	20.86	20.80	20.65	22.00

		1	49	20.85	20.91	20.86	22.00
		25	0	20.02	19.84	19.71	21.00
		25	13	19.95	19.98	19.73	21.00
		25	25	19.74	19.89	19.76	21.00
		50	0	19.87	19.92	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.73	22.59	22.65	24.00
		1	38	22.64	22.45	22.51	24.00
		1	74	22.60	22.54	22.40	24.00
		36	0	21.86	21.98	21.87	23.00
		36	18	21.86	21.83	21.75	23.00
		36	39	21.79	21.60	21.57	23.00
		75	0	21.72	21.72	21.78	23.00
	16QAM	1	0	22.04	21.95	21.83	23.00
		1	38	21.68	21.86	21.86	23.00
		1	74	21.77	22.00	21.98	23.00
		36	0	20.70	20.87	20.74	22.00
		36	18	20.66	20.67	20.86	22.00
		36	39	20.89	20.71	20.69	22.00
		75	0	20.60	20.90	20.66	22.00
	64QAM	1	0	20.40	20.63	20.46	22.00
		1	38	20.76	20.73	20.58	22.00
		1	74	20.76	20.80	20.76	22.00
		36	0	19.94	19.76	19.60	21.00
		36	18	19.88	19.88	19.66	21.00
		36	39	19.66	19.80	19.65	21.00
		75	0	19.76	19.81	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.78	22.79	22.70	24.00
		1	50	22.75	22.53	22.60	24.00
		1	99	22.71	22.59	22.51	24.00
		50	0	21.94	22.04	21.96	23.00
		50	25	21.97	21.89	21.81	23.00
		50	50	21.88	21.69	21.66	23.00
		100	0	21.78	21.77	21.89	23.00
	16QAM	1	0	22.09	22.00	21.88	23.00
		1	50	21.75	21.94	21.94	23.00
		1	99	21.88	22.08	22.09	23.00
		50	0	20.75	20.97	20.80	22.00
		50	25	20.76	20.76	20.91	22.00
		50	50	20.99	20.77	20.78	22.00
		100	0	20.69	20.99	20.76	22.00
	64QAM	1	0	20.48	20.70	20.53	22.00
		1	50	20.81	20.78	20.69	22.00
		1	99	20.85	20.89	20.84	22.00
		50	0	20.03	19.86	19.71	21.00
		50	25	19.95	19.97	19.74	21.00
		50	50	19.71	19.88	19.71	21.00
		100	0	19.87	19.92	19.75	21.00

LTE Band 4 Sensor on

Conducted Power(dBm)

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.91	21.67	21.95	22.50
		1	2	21.27	21.44	21.62	22.50
		1	5	21.26	21.57	21.79	22.50
		3	0	21.99	21.77	21.97	22.50
		3	2	21.74	21.82	21.60	22.50
		3	3	21.51	21.70	21.58	22.50
		6	0	21.79	21.73	21.63	22.50
	16QAM	1	0	21.84	21.71	21.86	22.50
		1	2	21.86	21.84	21.89	22.50
		1	5	21.94	21.91	21.73	22.50
		3	0	20.69	20.86	20.72	22.50
		3	2	20.70	20.62	20.80	22.50
		3	3	20.95	20.68	20.69	22.50
		6	0	20.63	20.86	20.64	22.00
	64QAM	1	0	20.42	20.63	20.38	22.00
		1	2	20.79	20.73	20.53	22.00
		1	5	20.72	20.82	20.82	22.00
		3	0	20.93	20.77	20.61	22.00
		3	2	20.87	20.88	20.69	22.00
		3	3	20.66	20.82	20.67	22.00
		6	0	19.80	19.87	19.65	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.99	21.78	22.00	22.50
		1	7	21.38	21.50	21.67	22.50
		1	14	21.37	21.64	21.87	22.50
		8	0	22.07	21.85	22.06	22.50
		8	4	21.82	21.89	21.66	22.50
		8	7	21.61	21.76	21.69	22.50
		15	0	21.84	21.80	21.74	22.50
	16QAM	1	0	21.90	21.77	21.95	22.50
		1	7	21.93	21.91	21.98	22.50
		1	14	22.03	21.96	21.83	22.50
		8	0	20.78	20.93	20.81	22.00
		8	4	20.68	20.80	20.90	22.00
		8	7	21.02	20.82	20.80	22.00
		15	0	20.70	20.96	20.75	22.00
	64QAM	1	0	20.48	20.69	20.45	22.00
		1	7	20.87	20.78	20.59	22.00
		1	14	20.82	20.93	20.87	22.00
		8	0	20.03	19.88	19.69	21.00
		8	4	19.94	19.97	19.76	21.00
		8	7	19.71	19.88	19.74	21.00
		15	0	19.85	19.93	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	21.93	21.70	21.89	22.50
		1	13	21.32	21.40	21.58	22.50
		1	24	21.32	21.56	21.81	22.50
		12	0	21.99	21.79	21.96	22.50
		12	6	21.71	21.80	21.60	22.50

		12	13	21.54	21.70	21.61	22.50
		25	0	21.78	21.73	21.63	22.50
	16QAM	1	0	21.81	21.66	21.84	22.50
		1	13	21.83	21.83	21.93	22.50
		1	24	21.95	21.89	21.74	22.50
		12	0	20.73	20.88	20.71	22.00
		12	6	20.62	20.69	20.84	22.00
		12	13	20.94	20.74	20.70	22.00
		25	0	20.64	20.91	20.68	22.00
	64QAM	1	0	20.40	20.59	20.40	22.00
		1	13	20.80	20.72	20.54	22.00
		1	24	20.76	20.85	20.76	22.00
		12	0	19.97	19.79	19.62	21.00
		12	6	19.89	19.87	19.65	21.00
12		13	19.63	19.78	19.66	21.00	
25		0	19.78	19.82	19.66	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.99	21.81	21.97	22.50
		1	25	21.37	21.51	21.64	22.50
		1	49	21.43	21.67	21.87	22.50
		25	0	22.07	21.88	22.05	22.50
		25	13	21.81	21.85	21.71	22.50
		25	25	21.63	21.81	21.70	22.50
		50	0	21.89	21.79	21.71	22.50
	16QAM	1	0	21.86	21.76	21.89	22.50
		1	25	21.89	21.91	21.99	22.50
		1	49	22.03	21.99	21.83	22.50
		25	0	20.81	20.93	20.81	22.00
		25	13	20.72	20.78	20.94	22.00
		25	25	21.00	20.79	20.77	22.00
		50	0	20.70	20.97	20.76	22.00
	64QAM	1	0	20.48	20.70	20.51	22.00
		1	25	20.86	20.80	20.65	22.00
		1	49	20.85	20.91	20.86	22.00
		25	0	20.02	19.84	19.71	21.00
		25	13	19.95	19.98	19.73	21.00
		25	25	19.74	19.89	19.76	21.00
		50	0	19.87	19.92	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	21.89	21.73	21.86	22.50
		1	38	21.32	21.43	21.59	22.50
		1	74	21.35	21.59	21.78	22.50
		36	0	21.96	21.83	21.95	22.50
		36	18	21.75	21.80	21.61	22.50
		36	39	21.56	21.76	21.60	22.50
		75	0	21.78	21.73	21.65	22.50
	16QAM	1	0	21.80	21.65	21.78	22.50
		1	38	21.83	21.86	21.93	22.50
		1	74	21.92	21.88	21.76	22.50
		36	0	20.70	20.87	20.74	22.00
		36	18	20.66	20.67	20.86	22.00
		36	39	20.89	20.71	20.69	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz	64QAM	75	0	20.60	20.90	20.66	22.00	
		1	0	20.40	20.63	20.46	22.00	
		1	38	20.76	20.73	20.58	22.00	
		1	74	20.76	20.80	20.76	22.00	
		36	0	19.94	19.76	19.60	21.00	
		36	18	19.88	19.88	19.66	21.00	
		36	39	19.66	19.80	19.65	21.00	
		75	0	19.76	19.81	19.64	21.00	
	20MHz	QPSK	1	0	21.96	21.81	21.95	22.50
			1	50	21.39	21.50	21.69	22.50
			1	99	21.45	21.65	21.85	22.50
			50	0	22.05	21.89	22.03	22.50
			50	25	21.83	21.86	21.71	22.50
			50	50	21.63	21.82	21.65	22.50
			100	0	21.87	21.81	21.72	22.50
			16QAM	1	0	21.85	21.70	21.84
		1		50	21.94	21.97	22.03	22.50
		1		99	21.99	21.95	21.86	22.50
		50		0	20.75	20.97	20.80	22.00
		50		25	20.76	20.76	20.91	22.00
		50		50	20.99	20.77	20.78	22.00
		100		0	20.69	20.99	20.76	22.00
		64QAM		1	0	20.48	20.70	20.53
			1	50	20.81	20.78	20.69	22.00
			1	99	20.85	20.89	20.84	22.00
			50	0	20.03	19.86	19.71	21.00
			50	25	19.95	19.97	19.74	21.00
			50	50	19.71	19.88	19.71	21.00
100			0	19.87	19.92	19.75	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		1	0	16.74	16.91	16.84	18.00
		1	2	16.53	16.56	16.58	18.00
		1	5	16.77	16.82	16.64	18.00
		3	0	16.77	16.92	17.21	18.00
		3	2	16.99	16.95	16.80	18.00
		3	3	16.81	16.88	16.81	18.00
		6	0	16.86	16.92	16.91	18.00
		16QAM	1	0	16.71	16.45	16.45
	1		2	17.10	17.15	17.07	18.00
	1		5	17.09	17.02	16.87	18.00
	3		0	17.12	16.94	16.89	18.00
	3		2	16.80	16.99	16.94	18.00
	3		3	16.96	16.90	16.90	18.00
	6		0	16.86	17.02	17.15	18.00
	64QAM		1	0	17.08	17.02	16.89
		1	2	16.50	16.65	16.52	18.00
		1	5	16.68	16.84	16.93	18.00

		3	0	16.88	16.98	17.03	18.00
		3	2	17.12	16.97	16.80	18.00
		3	3	16.84	16.99	16.96	18.00
		6	0	16.79	16.89	16.95	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.68	16.82	16.78	18.00
		1	7	16.45	16.48	16.49	18.00
		1	14	16.69	16.76	16.54	18.00
		8	0	16.66	16.81	17.10	18.00
		8	4	16.88	16.86	16.75	18.00
		8	7	16.70	16.83	16.76	18.00
		15	0	16.78	16.86	16.86	18.00
	16QAM	1	0	16.63	16.39	16.36	18.00
		1	7	17.00	17.04	16.98	18.00
		1	14	17.04	16.97	16.78	18.00
		8	0	17.01	16.89	16.84	18.00
		8	4	16.72	16.89	16.88	18.00
		8	7	16.89	16.80	16.85	18.00
		15	0	16.75	16.92	17.08	18.00
	64QAM	1	0	17.00	16.91	16.82	18.00
		1	7	16.40	16.59	16.44	18.00
		1	14	16.60	16.77	16.82	18.00
		8	0	16.83	16.88	16.94	18.00
		8	4	17.04	16.86	16.70	18.00
		8	7	16.79	16.90	16.88	18.00
		15	0	16.70	16.84	16.89	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.61	16.76	16.67	18.00
		1	13	16.40	16.43	16.38	18.00
		1	24	16.59	16.65	16.46	18.00
		12	0	16.59	16.75	17.01	18.00
		12	6	16.79	16.81	16.68	18.00
		12	13	16.65	16.76	16.66	18.00
		25	0	16.70	16.76	16.78	18.00
	16QAM	1	0	16.58	16.33	16.28	18.00
		1	13	16.92	16.94	16.92	18.00
		1	24	16.94	16.86	16.71	18.00
		12	0	16.94	16.80	16.77	18.00
		12	6	16.61	16.84	16.80	18.00
		12	13	16.84	16.71	16.74	18.00
		25	0	16.67	16.81	16.97	18.00
	64QAM	1	0	16.91	16.85	16.72	18.00
		1	13	16.30	16.50	16.37	18.00
		1	24	16.53	16.70	16.73	18.00
		12	0	16.73	16.82	16.83	18.00
		12	6	16.95	16.78	16.59	18.00
		12	13	16.71	16.79	16.83	18.00
		25	0	16.59	16.77	16.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.69	16.83	16.77	18.00

		1	25	16.51	16.51	16.44	18.00	
		1	49	16.70	16.72	16.53	18.00	
		25	0	16.68	16.86	17.07	18.00	
		25	13	16.86	16.91	16.79	18.00	
		25	25	16.76	16.84	16.77	18.00	
		50	0	16.76	16.84	16.86	18.00	
	16QAM	1	0	16.66	16.43	16.38	18.00	
		1	25	16.99	17.04	17.02	18.00	
		1	49	17.05	16.94	16.79	18.00	
		25	0	17.03	16.89	16.83	18.00	
		25	13	16.69	16.94	16.90	18.00	
		25	25	16.89	16.76	16.84	18.00	
	64QAM	50	0	16.73	16.90	17.07	18.00	
		1	0	16.96	16.92	16.81	18.00	
		1	25	16.40	16.59	16.42	18.00	
		1	49	16.60	16.80	16.80	18.00	
		25	0	16.78	16.90	16.91	18.00	
		25	13	17.00	16.87	16.68	18.00	
15MHz	QPSK	25	25	16.77	16.84	16.94	18.00	
		50	0	16.69	16.83	16.92	18.00	
		1	0	16.64	16.77	16.71	18.00	
		1	38	16.44	16.43	16.34	18.00	
		1	74	16.64	16.61	16.42	18.00	
		36	0	16.60	16.81	17.00	18.00	
	16QAM	36	18	16.76	16.80	16.68	18.00	
		36	39	16.68	16.77	16.68	18.00	
		75	0	16.69	16.76	16.76	18.00	
		1	0	16.55	16.32	16.33	18.00	
		1	38	16.89	16.98	16.91	18.00	
		1	74	16.96	16.85	16.74	18.00	
	64QAM	36	0	16.95	16.82	16.78	18.00	
		36	18	16.63	16.85	16.81	18.00	
		36	39	16.82	16.71	16.75	18.00	
		75	0	16.64	16.79	16.97	18.00	
		1	0	16.87	16.86	16.74	18.00	
		1	38	16.33	16.49	16.32	18.00	
20MHz	QPSK	1	74	16.51	16.73	16.73	18.00	
		36	0	16.68	16.82	16.84	18.00	
		36	18	16.95	16.78	16.61	18.00	
		36	39	16.70	16.76	16.88	18.00	
		75	0	16.62	16.72	16.83	18.00	
		100	0	16.98	17.02	17.02	18.00	
	16QAM	1	0	16.60	16.40	16.39	18.00	
		1	50	16.94	17.05	16.99	18.00	
		1	99	17.01	16.92	16.79	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	
	20MHz	QPSK	1	0	17.02	17.03	16.99	18.00
			1	50	16.75	16.71	16.63	18.00
			1	99	16.89	16.88	16.72	18.00
			50	0	16.88	17.27	17.18	18.00
			50	25	17.03	17.09	16.98	18.00
			50	50	16.94	17.07	16.99	18.00
		16QAM	1	0	16.60	16.40	16.39	18.00
1			50	16.94	17.05	16.99	18.00	
1			99	17.01	16.92	16.79	18.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	

		50	0	17.04	16.92	16.86	18.00
		50	25	16.72	16.91	16.91	18.00
		50	50	16.93	16.81	16.86	18.00
		100	0	16.69	16.86	17.06	18.00
	64QAM	1	0	16.93	16.94	16.82	18.00
		1	50	16.39	16.58	16.43	18.00
		1	99	16.60	16.78	16.83	18.00
		50	0	16.79	16.89	16.92	18.00
		50	25	17.05	16.85	16.67	18.00
		50	50	16.80	16.84	16.93	18.00
		100	0	16.72	16.83	16.94	18.00

LTE Band 7 Receiver off/Hotspot off/Sensor off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	22.61	22.78	22.68	24.00
		1	13	22.56	22.60	22.50	24.00
		1	24	22.36	22.31	22.48	24.00
		12	0	21.86	21.78	21.80	23.00
		12	6	21.80	21.64	21.73	23.00
		12	13	22.07	21.84	21.69	23.00
		25	0	21.82	21.79	21.62	23.00
	16QAM	1	0	21.67	21.80	21.95	23.00
		1	13	21.81	21.76	21.59	23.00
		1	24	21.81	21.64	21.84	23.00
		12	0	20.79	20.84	20.74	22.00
		12	6	20.88	20.76	20.76	22.00
		12	13	20.60	20.90	20.70	22.00
		25	0	20.74	20.74	20.59	22.00
	64QAM	1	0	20.40	20.62	20.46	22.00
		1	13	21.14	20.95	21.17	22.00
		1	24	20.40	20.26	20.41	22.00
		12	0	19.84	19.65	19.71	21.00
		12	6	19.86	19.81	19.82	21.00
		12	13	19.78	19.93	19.97	21.00
		25	0	19.67	19.85	19.57	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.71	22.85	22.79	24.00
		1	25	22.62	22.71	22.59	24.00
		1	49	22.46	22.40	22.56	24.00
		25	0	21.91	21.85	21.88	23.00
		25	13	21.90	21.70	21.81	23.00
		25	25	22.12	21.91	21.80	23.00
		50	0	21.87	21.87	21.70	23.00
	16QAM	1	0	21.73	21.87	22.00	23.00
		1	25	21.91	21.85	21.70	23.00
		1	49	21.90	21.71	21.91	23.00
		25	0	20.90	20.95	20.80	22.00
		25	13	20.98	20.85	20.87	22.00
		25	25	20.67	21.00	20.78	22.00
		50	0	20.79	20.82	20.66	22.00

		1	0	20.51	20.71	20.54	22.00	
		1	25	21.19	21.05	21.22	22.00	
		1	49	20.50	20.37	20.48	22.00	
	64QAM	25	0	19.92	19.74	19.77	21.00	
		25	13	19.94	19.88	19.90	21.00	
		25	25	19.89	20.03	20.06	21.00	
		50	0	19.73	19.96	19.68	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20825	21100	21375		
15MHz	QPSK	1	0	22.61	22.79	22.68	24.00	
		1	38	22.53	22.65	22.48	24.00	
		1	74	22.38	22.29	22.48	24.00	
		36	0	21.81	21.75	21.78	23.00	
		36	18	21.84	21.65	21.75	23.00	
		36	39	22.01	21.86	21.71	23.00	
		75	0	21.76	21.77	21.65	23.00	
	16QAM	1	0	21.67	21.78	21.90	23.00	
		1	38	21.81	21.76	21.60	23.00	
		1	74	21.83	21.62	21.82	23.00	
		36	0	20.81	20.87	20.71	22.00	
		36	18	20.88	20.74	20.78	22.00	
		36	39	20.62	20.90	20.69	22.00	
		75	0	20.74	20.73	20.61	22.00	
	64QAM	1	0	20.44	20.62	20.46	22.00	
		1	38	21.12	20.98	21.16	22.00	
		1	74	20.45	20.28	20.43	22.00	
		36	0	19.82	19.68	19.72	21.00	
		36	18	19.84	19.77	19.80	21.00	
		36	39	19.82	19.98	20.00	21.00	
		75	0	19.65	19.91	19.62	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20850	21100	21350	
	20MHz	QPSK	1	0	22.68	22.87	22.75	24.00
			1	50	22.59	22.74	22.59	24.00
			1	99	22.46	22.40	22.58	24.00
			50	0	21.87	21.80	21.84	23.00
			50	25	21.91	21.72	21.81	23.00
50			50	22.06	21.92	21.80	23.00	
100			0	21.84	21.82	21.70	23.00	
16QAM		1	0	21.78	21.83	21.95	23.00	
		1	50	21.87	21.81	21.66	23.00	
		1	99	21.91	21.68	21.90	23.00	
		50	0	20.90	20.96	20.77	22.00	
		50	25	20.94	20.83	20.84	22.00	
		50	50	20.71	20.96	20.76	22.00	
		100	0	20.80	20.78	20.69	22.00	
64QAM		1	0	20.51	20.72	20.51	22.00	
		1	50	21.19	21.07	21.24	22.00	
		1	99	20.55	20.34	20.49	22.00	
		50	0	19.87	19.78	19.81	21.00	
		50	25	19.92	19.87	19.91	21.00	
		50	50	19.92	20.05	20.06	21.00	
		100	0	19.70	19.96	19.73	21.00	

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	15.64	15.80	15.62	17.00
		1	13	15.68	15.70	15.48	17.00
		1	24	15.70	15.78	15.82	17.00
		12	0	15.69	15.81	16.02	17.00
		12	6	15.79	15.88	15.87	17.00
		12	13	15.94	15.95	15.91	17.00
		25	0	15.75	15.80	15.82	17.00
	16QAM	1	0	15.98	16.02	16.12	17.00
		1	13	16.01	16.12	16.08	17.00
		1	24	16.08	16.03	16.08	17.00
		12	0	15.93	15.92	15.79	17.00
		12	6	16.16	16.03	15.88	17.00
		12	13	16.15	16.00	16.04	17.00
		25	0	15.81	15.83	15.60	17.00
	64QAM	1	0	15.79	15.71	15.87	17.00
		1	13	15.81	15.77	15.59	17.00
		1	24	15.91	15.81	15.78	17.00
		12	0	15.91	15.91	15.94	17.00
		12	6	15.71	15.82	15.91	17.00
		12	13	16.06	15.92	15.98	17.00
		25	0	15.91	15.85	15.84	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	15.74	15.87	15.69	17.00
		1	25	15.75	15.77	15.58	17.00
		1	49	15.80	15.79	15.91	17.00
		25	0	15.74	15.90	16.06	17.00
		25	13	15.86	15.93	15.94	17.00
		25	25	16.03	16.03	16.05	17.00
		50	0	15.90	15.91	15.91	17.00
	16QAM	1	0	16.07	16.07	16.19	17.00
		1	25	16.08	16.17	16.19	17.00
		1	49	16.24	16.10	16.14	17.00
		25	0	16.05	15.99	15.82	17.00
		25	13	16.24	16.06	15.96	17.00
		25	25	16.25	16.05	16.15	17.00
		50	0	15.88	15.94	15.70	17.00
	64QAM	1	0	15.89	15.81	15.88	17.00
		1	25	15.91	15.91	15.72	17.00
		1	49	15.97	15.94	15.89	17.00
		25	0	16.02	15.96	16.02	17.00
		25	13	15.77	15.96	15.99	17.00
		25	25	16.10	16.00	16.05	17.00
		50	0	15.97	15.91	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	15.66	15.77	15.62	17.00
		1	38	15.72	15.68	15.53	17.00

		1	74	15.73	15.74	15.82	17.00
		36	0	15.67	15.82	15.97	17.00
		36	18	15.86	15.88	15.94	17.00
		36	39	15.94	15.90	15.93	17.00
		75	0	15.79	15.81	15.79	17.00
	16QAM	1	0	15.99	16.01	16.07	17.00
		1	38	16.00	16.09	16.09	17.00
		1	74	16.09	16.03	16.13	17.00
		36	0	15.92	15.89	15.76	17.00
		36	18	16.13	15.95	15.96	17.00
	64QAM	36	39	16.13	15.99	16.05	17.00
		75	0	15.78	15.85	15.62	17.00
		1	0	15.82	15.74	15.86	17.00
		1	38	15.85	15.77	15.63	17.00
		1	74	15.88	15.85	15.78	17.00
		36	0	15.91	15.87	15.96	17.00
		36	18	15.70	15.79	15.92	17.00
		36	39	15.96	15.94	15.93	17.00
75		0	15.91	15.82	15.87	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.80	15.84	15.90	17.00
		1	50	15.76	15.71	15.62	17.00
		1	99	16.32	15.82	15.73	17.00
		50	0	15.71	15.91	16.29	17.00
		50	25	15.89	15.91	16.04	17.00
		50	50	16.04	15.99	15.99	17.00
		100	0	15.92	15.96	15.88	17.00
	16QAM	1	0	16.11	16.06	16.13	17.00
		1	50	16.14	16.20	16.25	17.00
		1	99	16.20	16.12	16.19	17.00
		50	0	16.00	16.02	15.85	17.00
		50	25	16.21	16.07	15.97	17.00
		50	50	16.19	16.08	16.13	17.00
		100	0	15.89	15.92	15.71	17.00
	64QAM	1	0	15.85	15.84	15.89	17.00
		1	50	15.91	15.87	15.67	17.00
		1	99	16.03	15.89	15.91	17.00
		50	0	15.97	15.93	16.08	17.00
		50	25	15.77	15.94	16.01	17.00
		50	50	16.07	16.05	16.04	17.00
		100	0	15.98	15.83	15.90	17.00

LTE Band 7 Hotspot on&Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.64	16.75	16.59	18.00
		1	13	16.72	16.64	16.56	18.00
		1	24	16.62	16.88	16.86	18.00
		12	0	16.61	16.83	17.04	18.00
		12	6	16.84	16.80	16.82	18.00
		12	13	17.04	16.99	16.81	18.00

	16QAM	25	0	16.84	16.87	16.80	18.00
		1	0	17.04	16.93	17.10	18.00
		1	13	17.01	17.13	17.06	18.00
		1	24	17.14	17.13	17.03	18.00
		12	0	16.87	17.02	16.84	18.00
		12	6	17.12	17.02	16.98	18.00
		12	13	17.14	17.10	17.01	18.00
	64QAM	25	0	16.73	16.86	16.51	18.00
		1	0	16.69	16.79	16.82	18.00
		1	13	16.74	16.81	16.56	18.00
		1	24	16.87	16.76	16.71	18.00
		12	0	16.92	16.98	16.98	18.00
		12	6	16.61	16.90	16.97	18.00
		12	13	17.10	16.87	17.05	18.00
25	0	16.84	16.89	16.85	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.66	16.80	16.64	18.00
		1	25	16.68	16.82	16.66	18.00
		1	49	16.88	16.76	16.87	18.00
		25	0	16.72	16.94	17.01	18.00
		25	13	16.90	17.02	17.01	18.00
		25	25	16.93	17.12	17.02	18.00
		50	0	16.93	16.98	16.91	18.00
	16QAM	1	0	16.97	17.07	17.12	18.00
		1	25	17.04	17.08	17.07	18.00
		1	49	17.17	17.10	17.08	18.00
		25	0	16.96	17.09	16.80	18.00
		25	13	17.09	17.12	16.87	18.00
		25	25	17.15	16.96	17.16	18.00
		50	0	16.96	16.93	16.63	18.00
	64QAM	1	0	16.94	16.81	16.88	18.00
		1	25	16.94	16.99	16.67	18.00
		1	49	17.07	16.91	16.87	18.00
		25	0	17.00	16.98	17.01	18.00
		25	13	16.87	16.92	16.90	18.00
		25	25	17.04	17.05	17.01	18.00
		50	0	17.07	16.82	16.91	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.69	16.76	16.68	18.00
		1	38	16.63	16.65	16.57	18.00
		1	74	16.77	16.81	16.82	18.00
		36	0	16.75	16.79	16.87	18.00
		36	18	16.91	16.84	16.88	18.00
		36	39	16.88	16.95	16.98	18.00
		75	0	16.88	16.75	16.81	18.00
	16QAM	1	0	17.04	17.06	17.16	18.00
		1	38	17.07	17.11	17.14	18.00
		1	74	17.01	17.12	17.10	18.00
		36	0	16.85	16.99	16.71	18.00
		36	18	17.12	16.85	16.96	18.00
		36	39	17.17	16.93	17.15	18.00
		75	0	16.81	16.89	16.67	18.00

		1	0	16.89	16.75	16.84	18.00
		1	38	16.86	16.73	16.66	18.00
		1	74	16.96	16.91	16.73	18.00
	64QAM	36	0	16.88	16.87	16.91	18.00
		36	18	16.76	16.79	16.82	18.00
		36	39	16.91	16.94	17.03	18.00
		75	0	16.81	16.78	16.94	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.81	16.86	16.80	18.00
		1	50	16.78	16.63	16.54	18.00
		1	99	17.18	16.76	16.83	18.00
		50	0	16.74	16.97	17.12	18.00
		50	25	16.84	16.98	17.11	18.00
		50	50	17.05	17.01	17.02	18.00
		100	0	17.01	16.93	16.98	18.00
	16QAM	1	0	17.16	17.01	17.09	18.00
		1	50	17.17	17.10	17.04	18.00
		1	99	17.17	17.08	17.11	18.00
		50	0	17.06	17.02	16.92	18.00
		50	25	17.08	17.14	16.95	18.00
		50	50	17.17	17.17	17.05	18.00
		100	0	16.80	17.01	16.73	18.00
	64QAM	1	0	16.80	16.77	16.90	18.00
		1	50	16.95	16.83	16.72	18.00
		1	99	16.93	16.91	16.94	18.00
		50	0	16.93	16.87	17.11	18.00
		50	25	16.71	17.00	16.98	18.00
		50	50	17.04	17.15	17.11	18.00
		100	0	16.90	16.75	16.80	18.00

Table 17: Conducted Power of LTE

10 Conducted Power of LTE Uplink CA

Combination	Modulation	PCC						SCC					Hotspot off&Sensor off		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)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	24.60	25.50	20.47	21.00
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	24.51	25.50	20.38	21.00
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	24.49	25.50	20.40	21.00
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	24.20	25.50	20.39	21.00
Combination	Modulation	PCC						SCC					Hotspot off&Sensor off		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)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	24.44	25.50	22.57	24.00
CA_38C	QPSK	38	20	37901	1	99	37901	38	20	38099	1	0	24.39	25.50	22.51	24.00
CA_38C	QPSK	38	20	38099	1	0	38099	38	20	37901	1	99	24.41	25.50	22.55	24.00
CA_38C	QPSK	38	20	38150	1	0	38150	38	20	37952	1	99	24.33	25.50	22.40	24.00
Sensor off&Hotspot off																
DL LTE CA Class	PCC							SCC							Power(dBm)	Tune-up(dBm)
	LTE Band	Antenna	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	LTE Band	Antenna	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	Total	Total
CA_4A-7A	Band 4	2	20M	QPSK	20300	1	0	Band 7	5	20M	QPSK	20850	1	99	22.27	24.00
CA_4A-7A	Band 7	5	20M	QPSK	20850	1	99	Band 4	2	20M	QPSK	20300	1	0	22.16	24.00
Hotspot on&Sensor on																
DL LTE CA Class	PCC							SCC							Power(dBm)	Tune-up(dBm)
	LTE Band	Antenna	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	LTE Band	Antenna	BW (MHz)	Modulation	UL Channel	UL# RB	UL RB Offset	Total	Total
CA_4A-7A	Band 4	2	20M	QPSK	20050	1	0	Band 7	5	20M	QPSK	20850	1	0	18.71	20.50
CA_4A-7A	Band 7	5	20M	QPSK	20850	1	0	Band 4	2	20M	QPSK	20050	1	0	18.60	20.50

Table 18: Conducted Power of CA

11 Conducted Power of LTE Downlink CA

Sensor off																										
DL LTE CA Class	PCC								SCC1				SCC2				SCC3				Power(dBm)					
	LTE Band	Ant	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	2	20M	QPSK	1860	18700	1	0	Band 2	2	20M	1959.8	898	/	/	/	/	/	/	/	/	/	/	24.55	24.69	25.50
CA_38C	Band 38	2	20M	QPSK	2580	37850	1	50	Band 38	2	20M	2599.8	38048	/	/	/	/	/	/	/	/	/	/	24.51	24.59	25.50
CA_41C	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2525.8	39948	/	/	/	/	/	/	/	/	/	/	24.42	24.52	25.50
CA_41A-41A	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2680	41490	/	/	/	/	/	/	/	/	/	/	24.37	24.52	25.50
CA_2A-17A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	24.51	24.69	25.50
CA_2A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 2	2	20M	1960	900	/	/	/	/	/	/	/	/	/	/	24.41	24.45	25.50
CA_4A-17A	Band 4	2	20M	QPSK	1745	20300	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	24.60	24.69	25.50
CA_4A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 4	2	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	/	24.37	24.45	25.50
CA_12A-66A	Band 12	1	10M	QPSK	711	23130	1	49	Band 66	2	20M	2145	66786	/	/	/	/	/	/	/	/	/	/	24.44	24.52	25.50
CA_12A-66A	Band 66	2	20M	QPSK	1745	132322	1	0	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	/	/	/	/	23.31	23.38	24.00
CA_5A-7A-7A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	24.37	24.48	25.50
CA_5A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 5	1	10M	881.5	2525	/	/	/	/	/	24.66	24.73	25.50
CA_4A-7C	Band 4	2	20M	QPSK	1745	20300	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2649.8	3048	/	/	/	/	/	24.53	24.69	25.50
CA_4A-7C	Band 7	2	20M	QPSK	2510	20850	1	50	Band 7	2	20M	2649.8	3048	Band 4	2	20M	2132.5	2175	/	/	/	/	/	24.67	24.73	25.50
CA_2A-7A-7A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	24.60	24.69	25.50
CA_2A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	24.66	24.73	25.50
CA_7C-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	22.11	22.24	23.00
CA_7C-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	23.16	23.27	24.00
CA_2A-4A-5A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	2	20M	2132.5	2175	Band 5	1	10M	881.5	2525	/	/	/	/	/	24.57	24.69	25.50
CA_2A-4A-5A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 5	1	10M	881.5	2525	/	/	/	/	/	22.44	22.54	23.50
CA_2A-4A-5A	Band 5	1	10M	QPSK	844	20600	1	0	Band 4	2	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	24.39	24.48	25.50
CA_2A-4A-7A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2655	3100	/	/	/	/	/	24.59	24.69	25.50
CA_2A-4A-7A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 7	5	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	22.48	22.54	23.50
CA_2A-4A-7A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 2	2	20M	1960	900	Band 4	5	20M	2132.5	2175	/	/	/	/	/	22.09	22.24	23.00
CA_2A-4A-12A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 12	1	10M	737.5	5095	/	/	/	/	/	24.59	24.69	25.50
CA_2A-4A-12A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 12	1	10M	737.5	5095	/	/	/	/	/	22.48	22.54	23.50
CA_2A-4A-12A	Band 12	1	10M	QPSK	711	23130	1	49	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	24.41	24.52	25.50
CA_5A-7A-66A-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2655	3100	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	24.37	24.48	25.50
CA_5A-7A-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	22.14	22.24	23.00
CA_5A-7A-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	Band 7	5	20M	2655	3100	23.20	23.27	24.00
CA_5A-7C-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2145	66786	24.33	24.48	25.50
CA_5A-7C-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	Band 66	2	20M	2145	66786	22.10	22.24	23.00
CA_5A-7C-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	23.14	23.27	24.00
CA_2A-4A-7C	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	24.61	24.69	25.50
CA_2A-4A-7C	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	22.47	22.54	23.50
CA_2A-4A-7C	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	22.15	22.24	23.00

Sensor on																										
DL LTE CA Class	PCC								SCC1				SCC2				SCC3				Power(dBm)					
	LTE Band	Ant	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	2	20M	QPSK	1860	18700	1	99	Band 2	2	20M	1959.8	898	/	/	/	/	/	/	/	/	/	/	20.57	20.69	21.00
CA_38C	Band 38	2	20M	QPSK	2580	37850	1	99	Band 38	2	20M	2599.8	38048	/	/	/	/	/	/	/	/	/	/	22.55	22.62	24.00
CA_41C	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2525.8	39948	/	/	/	/	/	/	/	/	/	/	22.17	22.29	23.50
CA_41A-41A	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2680	41490	/	/	/	/	/	/	/	/	/	/	22.16	22.29	23.50
CA_2A-17A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	20.52	20.69	21.00
CA_2A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 2	2	20M	1960	900	/	/	/	/	/	/	/	/	/	/	24.41	24.45	25.50
CA_4A-17A	Band 4	2	20M	QPSK	1720	20050	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	21.40	21.52	22.00
CA_4A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 4	2	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	/	24.37	24.45	25.50
CA_12A-66A	Band 12	1	10M	QPSK	711	23130	1	49	Band 66	2	20M	2145	66786	/	/	/	/	/	/	/	/	/	/	24.44	24.52	25.50
CA_12A-66A	Band 66	2	20M	QPSK	1745	132322	1	0	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	/	/	/	/	21.88	21.93	22.50



CA_5A-7A-7A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	23.14	23.20	24.00
CA_5A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 5	1	10M	881.5	2525	/	/	/	/	/	20.51	20.59	21.00
CA_4A-7C	Band 4	2	20M	QPSK	1720	20050	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2649.8	3048	/	/	/	/	/	21.47	21.52	22.00
CA_4A-7C	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2649.8	3048	Band 4	2	20M	2132.5	2175	/	/	/	/	/	20.50	20.59	21.00
CA_2A-7A-7A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	20.67	20.69	21.00
CA_2A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	20.44	20.59	21.00
CA_7C-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	18.55	18.63	19.00
CA_7C-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	21.75	21.82	22.50
CA_2A-4A-5A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	2	20M	2132.5	2175	Band 5	1	10M	881.5	2525	/	/	/	/	/	20.51	20.69	21.00
CA_2A-4A-5A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 5	1	10M	881.5	2525	/	/	/	/	/	21.66	21.73	22.50
CA_2A-4A-5A	Band 5	1	10M	QPSK	844	20600	1	0	Band 4	2	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	23.16	23.20	24.00
CA_2A-4A-7A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2655	3100	/	/	/	/	/	20.52	20.69	21.00
CA_2A-4A-7A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 7	5	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	21.68	21.73	22.50
CA_2A-4A-7A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 2	2	20M	1960	900	Band 4	5	20M	2132.5	2175	/	/	/	/	/	18.54	18.63	19.00
CA_2A-4A-12A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 12	1	10M	737.5	5095	/	/	/	/	/	20.58	20.69	21.00
CA_2A-4A-12A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 12	1	10M	737.5	5095	/	/	/	/	/	21.69	21.73	22.50
CA_2A-4A-12A	Band 12	1	10M	QPSK	711	23130	1	49	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	24.49	24.52	25.50
CA_5A-7A-66A-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2655	3100	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	23.17	23.20	24.00
CA_5A-7A-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	18.51	18.63	19.00
CA_5A-7A-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	Band 7	5	20M	2655	3100	21.81	21.82	22.50
CA_5A-7C-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2145	66786	23.09	23.20	24.00
CA_5A-7C-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	Band 66	2	20M	2145	66786	18.51	18.63	19.00
CA_5A-7C-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	21.71	21.82	22.50
CA_2A-4A-7C	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	20.51	20.69	21.00
CA_2A-4A-7C	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	21.64	21.73	22.50
CA_2A-4A-7C	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	18.54	18.63	19.00

Hotspot on																										
DL LTE CA Class	PCC								SCC1					SCC2				SCC3				Power(dBm)				
	LTE Band	Ant	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_2C	Band 2	2	20M	QPSK	1860	18700	1	99	Band 2	2	20M	1959.8	898	/	/	/	/	/	/	/	/	/	/	20.57	20.69	21.00
CA_38C	Band 38	2	20M	QPSK	2580	37850	1	99	Band 38	2	20M	2599.8	38048	/	/	/	/	/	/	/	/	/	/	22.55	22.62	24.00
CA_41C	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2525.8	39948	/	/	/	/	/	/	/	/	/	/	22.17	22.29	23.50
CA_41A-41A	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2680	41490	/	/	/	/	/	/	/	/	/	/	22.16	22.29	23.50
CA_2A-17A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	20.52	20.69	21.00
CA_2A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 2	2	20M	1960	900	/	/	/	/	/	/	/	/	/	/	24.41	24.45	25.50
CA_4A-17A	Band 4	2	20M	QPSK	1720	20050	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	21.40	21.52	22.00
CA_4A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 4	2	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	/	24.37	24.45	25.50
CA_12A-66A	Band 12	1	10M	QPSK	711	23130	1	49	Band 66	2	20M	2145	66786	/	/	/	/	/	/	/	/	/	/	24.44	24.52	25.50
CA_12A-66A	Band 66	2	20M	QPSK	1745	132322	1	0	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	/	/	/	/	21.88	21.93	22.50
CA_5A-7A-7A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	23.14	23.20	24.00
CA_5A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 5	1	10M	881.5	2525	/	/	/	/	/	20.51	20.59	21.00
CA_4A-7C	Band 4	2	20M	QPSK	1720	20050	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2649.8	3048	/	/	/	/	/	21.47	21.52	22.00
CA_4A-7C	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2649.8	3048	Band 4	2	20M	2132.5	2175	/	/	/	/	/	20.50	20.59	21.00
CA_2A-7A-7A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	20.67	20.69	21.00
CA_2A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	20.44	20.59	21.00
CA_7C-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	18.55	18.63	19.00
CA_7C-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	21.75	21.82	22.50
CA_2A-4A-5A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	2	20M	2132.5	2175	Band 5	1	10M	881.5	2525	/	/	/	/	/	20.51	20.69	21.00
CA_2A-4A-5A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 5	1	10M	881.5	2525	/	/	/	/	/	16.52	16.71	17.50
CA_2A-4A-5A	Band 5	1	10M	QPSK	844	20600	1	0	Band 4	2	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	23.16	23.20	24.00
CA_2A-4A-7A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2655	3100	/	/	/	/	/	20.52	20.69	21.00
CA_2A-4A-7A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 7	5	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	16.59	16.71	17.50
CA_2A-4A-7A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 2	2	20M	1960	900	Band 4	5	20M	2132.5	2175	/	/	/	/	/	18.54	18.63	19.00
CA_2A-4A-12A	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 12	1	10M	737.5	5095	/	/	/	/	/	20.58	20.69	21.00



CA_2A-4A-12A	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	16.57	16.71	17.50
CA_2A-4A-12A	Band 12	1	10M	QPSK	711	23130	1	49	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	/	24.49	24.52	25.50
CA_5A-7A-66A-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2655	3100	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	23.17	23.20	24.00	
CA_5A-7A-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	18.52	18.63	19.00	
CA_5A-7A-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	Band 7	5	20M	2655	3100	21.71	21.82	22.50	
CA_5A-7C-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2145	66786	23.14	23.20	24.00	
CA_5A-7C-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	Band 66	2	20M	2145	66786	18.57	18.63	19.00	
CA_5A-7C-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	21.77	21.82	22.50	
CA_2A-4A-7C	Band 2	2	20M	QPSK	1860	18700	1	99	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	20.57	20.69	21.00	
CA_2A-4A-7C	Band 4	5	20M	QPSK	1745	20300	1	0	Band 2	2	20M	1960	900	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	16.54	16.71	17.50	
CA_2A-4A-7C	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	18.52	18.63	19.00	
Hotspot off																											
DL LTE CA Class	PCC									SCC1					SCC2				SCC3					Power(dBm)			
	LTE Band	Ant	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	Ant	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up		
CA_2C	Band 2	2	20M	QPSK	1860	18700	1	0	Band 2	2	20M	1959.8	898	/	/	/	/	/	/	/	/	/	/	/	24.55	24.69	25.50
CA_38C	Band 38	2	20M	QPSK	2580	37850	1	50	Band 38	2	20M	2599.8	38048	/	/	/	/	/	/	/	/	/	/	/	24.51	24.59	25.50
CA_41C	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2525.8	39948	/	/	/	/	/	/	/	/	/	/	/	24.42	24.52	25.50
CA_41A-41A	Band 41	2	20M	QPSK	2506	39750	1	50	Band 41	2	20M	2680	41490	/	/	/	/	/	/	/	/	/	/	/	24.37	24.52	25.50
CA_2A-17A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	/	24.51	24.69	25.50
CA_2A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 2	2	20M	1960	900	/	/	/	/	/	/	/	/	/	/	/	24.41	24.45	25.50
CA_4A-17A	Band 4	2	20M	QPSK	1745	20300	1	0	Band 17	1	10M	740	5790	/	/	/	/	/	/	/	/	/	/	/	24.60	24.69	25.50
CA_4A-17A	Band 17	1	10M	QPSK	711	23800	1	49	Band 4	2	20M	2132.5	2175	/	/	/	/	/	/	/	/	/	/	/	24.37	24.45	25.50
CA_12A-66A	Band 12	1	10M	QPSK	711	23130	1	49	Band 66	1	20M	2145	66786	/	/	/	/	/	/	/	/	/	/	/	24.44	24.52	25.50
CA_12A-66A	Band 66	2	20M	QPSK	1745	132322	1	0	Band 12	2	10M	737.5	5095	/	/	/	/	/	/	/	/	/	/	/	23.31	23.38	24.00
CA_5A-7A-7A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	/	24.37	24.48	25.50
CA_5A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 5	1	10M	881.5	2525	/	/	/	/	/	/	24.66	24.73	25.50
CA_4A-7C	Band 4	2	20M	QPSK	1745	20300	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2649.8	3048	/	/	/	/	/	/	24.53	24.69	25.50
CA_4A-7C	Band 7	2	20M	QPSK	2510	20850	1	50	Band 7	2	20M	2649.8	3048	Band 4	2	20M	2132.5	2175	/	/	/	/	/	/	24.67	24.73	25.50
CA_2A-7A-7A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 7	2	20M	2630	2850	Band 7	2	20M	2680	3350	/	/	/	/	/	/	24.60	24.69	25.50
CA_2A-7A-7A	Band 7	2	20M	QPSK	2510	20850	1	0	Band 7	2	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	/	24.66	24.73	25.50
CA_7C-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	22.11	22.24	23.00	
CA_7C-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	23.16	23.27	24.00	
CA_2A-4A-5A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	2	20M	2132.5	2175	Band 5	1	10M	881.5	2525	/	/	/	/	/	/	24.57	24.69	25.50
CA_2A-4A-5A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 5	1	10M	881.5	2525	/	/	/	/	/	/	22.44	22.54	23.50
CA_2A-4A-5A	Band 5	1	10M	QPSK	844	20600	1	0	Band 4	2	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	/	24.39	24.48	25.50
CA_2A-4A-7A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2655	3100	/	/	/	/	/	/	24.59	24.69	25.50
CA_2A-4A-7A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 7	5	20M	2680	3350	Band 2	2	20M	1960	900	/	/	/	/	/	/	22.48	22.54	23.50
CA_2A-4A-7A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 2	2	20M	1960	900	Band 4	5	20M	2132.5	2175	/	/	/	/	/	/	22.09	22.24	23.00
CA_2A-4A-12A	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	24.59	24.69	25.50
CA_2A-4A-12A	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 12	1	10M	737.5	5095	/	/	/	/	/	/	22.48	22.54	23.50
CA_2A-4A-12A	Band 12	1	10M	QPSK	711	23130	1	49	Band 4	5	20M	2132.5	2175	Band 2	2	20M	1960	900	/	/	/	/	/	/	24.41	24.52	25.50
CA_5A-7A-66A-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2655	3100	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	24.33	24.48	25.50	
CA_5A-7A-66A-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 66	2	20M	2170	67036	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	22.01	22.24	23.00	
CA_5A-7A-66A-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 66	2	20M	2120	66536	Band 5	1	10M	881.5	2525	Band 7	5	20M	2655	3100	23.19	23.27	24.00	
CA_5A-7C-66A	Band 5	1	10M	QPSK	844	20600	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 66	2	20M	2145	66786	24.39	24.48	25.50	
CA_5A-7C-66A	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	Band 66	2	20M	2145	66786	22.20	22.24	23.00	
CA_5A-7C-66A	Band 66	2	20M	QPSK	1770	132572	1	0	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	Band 5	1	10M	881.5	2525	23.13	23.27	24.00	
CA_2A-4A-7C	Band 2	2	20M	QPSK	1860	18700	1	0	Band 4	5	20M	2132.5	2175	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	24.62	24.69	25.50	
CA_2A-4A-7C	Band 4	5	20M	QPSK	1745	20300	1	99	Band 2	2	20M	1960	900	Band 7	5	20M	2630	2850	Band 7	5	20M	2649.8	3048	22.49	22.54	23.50	
CA_2A-4A-7C	Band 7	5	20M	QPSK	2510	20850	1	99	Band 7	5	20M	2649.8	3048	Band 4	5	20M	2132.5	2175	Band 2	2</							

12 Conducted Power of NR

12.1 Conducted Power of NR Antenna (Ant1)

N5 Hotspot off/Sensor off				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.98	24.07	24.11	25.00	
		1	53	23.94	24.05	24.09	25.00	
		1	104	23.24	22.98	23.27	25.00	
		50	0	23.05	22.83	22.93	24.00	
		50	28	24.01	23.88	23.91	25.00	
		50	56	22.96	22.86	22.61	24.00	
	DFT-s-OFDM QPSK	1	1	24.09	24.15	24.18	25.00	
		1	53	24.05	24.14	24.19	25.00	
		1	104	23.31	23.09	23.35	25.00	
		50	0	23.13	22.94	23.04	24.00	
		50	28	24.09	23.93	23.98	25.00	
		50	56	23.04	22.94	22.71	24.00	
	DFT-s-OFDM 16QAM	1	1	23.12	23.31	23.29	24.00	
		DFT-s-OFDM 64QAM	1	1	21.72	21.88	21.77	22.50
			1	1	19.79	19.96	19.83	20.50
	DFT-s-OFDM 256QAM	1	1	19.79	19.96	19.83	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	15MHz	DFT-s-OFDM QPSK	1	1	166300	167300	168300	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	25.00	

N5 Hotspot on/Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.57	22.75	22.71	24.00
		1	53	23.00	22.87	22.75	24.00
		1	104	22.64	22.77	22.89	24.00
		50	0	22.77	22.68	22.82	23.00
		50	28	22.84	22.75	22.72	24.00
		50	56	22.83	22.87	22.80	23.00
		100	0	22.64	22.85	22.85	23.00

	DFT-s-OFDM QPSK	1	1	22.68	22.85	22.77	24.00
		1	53	23.06	22.94	22.86	24.00
		1	104	22.73	22.87	22.99	24.00
		50	0	22.83	22.79	22.92	23.00
		50	28	22.95	22.84	22.79	24.00
		50	56	22.91	22.94	22.91	23.00
	100	0	22.75	22.90	22.95	23.00	
	DFT-s-OFDM 16QAM	1	1	22.69	22.77	22.90	23.00
	DFT-s-OFDM 64QAM	1	1	21.72	21.88	21.77	22.50
	DFT-s-OFDM 256QAM	1	1	19.79	19.96	19.83	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 166300	Channel 167300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.91	22.93	22.81	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165800	Channel 167300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.71	22.82	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 165300	Channel 167300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.83	22.85	22.89	24.00

N7 Hotspot off/Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.03	23.97	23.99	24.50
		1	53	23.12	23.14	23.76	24.50
		1	104	23.32	23.42	22.94	24.50
		50	0	22.07	22.93	22.99	23.50
		50	28	23.02	23.79	23.69	24.50
		50	56	22.33	22.02	22.32	23.50
	100	0	21.92	22.79	22.86	23.50	
	DFT-s-OFDM QPSK	1	1	23.12	24.04	24.06	24.50
		1	53	23.21	23.23	23.83	24.50
		1	104	23.40	23.47	23.01	24.50
		50	0	22.15	23.02	23.06	23.50
		50	28	23.10	23.89	23.74	24.50
		50	56	22.41	22.07	22.38	23.50
	100	0	22.03	22.88	22.94	23.50	
	DFT-s-OFDM 16QAM	1	1	22.11	23.28	22.94	23.50
	DFT-s-OFDM 64QAM	1	1	20.68	21.84	21.84	22.00
	DFT-s-OFDM 256QAM	1	1	18.76	19.35	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.74	23.98	23.87	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.88	23.90	23.95	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.97	23.90	23.91	24.50

N7 Hotspot on/Sensor on				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502000	507000	512000		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.95	21.13	21.15	21.50	
		1	53	20.90	21.11	20.91	21.50	
		1	104	21.10	21.04	21.17	21.50	
		50	0	21.01	21.09	21.10	21.50	
		50	28	20.86	20.98	20.87	21.50	
		50	56	21.03	21.00	20.93	21.50	
		100	0	21.06	21.05	20.94	21.50	
	DFT-s-OFDM QPSK	1	1	21.05	21.24	21.21	21.50	
		1	53	21.01	21.18	20.98	21.50	
		1	104	21.15	21.13	21.23	21.50	
		50	0	21.10	21.18	21.21	21.50	
		50	28	20.93	21.08	20.93	21.50	
		50	56	21.09	21.10	21.03	21.50	
		100	0	21.15	21.15	21.03	21.50	
	DFT-s-OFDM 16QAM	1	1	21.06	21.12	20.98	21.50	
	DFT-s-OFDM 64QAM	1	1	21.33	21.35	21.36	21.50	
	DFT-s-OFDM 256QAM	1	1	18.57	18.61	18.59	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					501500	507000	512500	
	15MHz	DFT-s-OFDM QPSK	1	1	21.05	21.02	21.11	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				501000	507000	513000		
10MHz	DFT-s-OFDM QPSK	1	1	21.15	21.02	21.07	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				500500	507000	513500		
5MHz	DFT-s-OFDM QPSK	1	1	20.87	21.37	20.90	21.50	

N38 Hotspot off/Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.95	23.92	23.93	24.50
		1	53	23.79	23.87	23.92	24.50
		1	104	23.71	23.81	23.84	24.50
		50	0	22.88	22.98	22.92	23.50
		50	28	23.92	23.85	23.98	24.50
		50	56	22.90	22.89	22.87	23.50
		100	0	22.90	22.91	23.01	23.50
	DFT-s-OFDM QPSK	1	1	24.06	24.02	24.02	24.50
		1	53	23.90	23.97	23.97	24.50
		1	104	23.77	23.88	23.94	24.50
		50	0	22.93	23.03	22.98	23.50
		50	28	24.00	23.94	24.03	24.50
		50	56	22.96	23.00	22.97	23.50
	DFT-s-OFDM 16QAM	1	1	23.27	23.23	23.18	23.50
		DFT-s-OFDM 64QAM	1	1	21.78	21.82	21.84
DFT-s-OFDM 256QAM			1	1	19.42	19.41	19.46
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	515500	519000	522500	24.50
				24.04	24.03	23.89	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	515000	519000	523000	24.50
				23.96	24.04	23.97	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	514500	519000	523500	24.50
				23.99	23.87	23.83	

N38 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.29	20.24	20.13	21.00
		1	53	19.95	20.09	20.24	21.00
		1	104	20.34	20.38	20.36	21.00
		50	0	20.07	20.17	20.23	21.00
		50	28	20.28	20.15	20.23	21.00
		50	56	20.14	20.12	20.11	21.00
		100	0	20.09	20.17	20.13	21.00
	DFT-s-OFDM QPSK	1	1	20.40	20.31	20.23	21.00
		1	53	20.06	20.19	20.30	21.00
		1	104	20.43	20.43	20.41	21.00
		50	0	20.14	20.26	20.32	21.00
		50	28	20.33	20.22	20.30	21.00
		50	56	20.25	20.18	20.17	21.00
		100	0	20.17	20.25	20.18	21.00

	DFT-s-OFDM 16QAM	1	1	19.99	19.87	19.98	20.00
	DFT-s-OFDM 64QAM	1	1	19.57	19.54	19.51	20.00
	DFT-s-OFDM 256QAM	1	1	18.86	18.95	19.05	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.53	20.61	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.25	20.28	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	20.18	20.32	20.23	21.00

N41 Hotspot off/Sensor off				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				509202	513900	518598	523302	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.76	22.95	23.78	22.71	23.96	24.50	
		1	137	23.64	23.74	23.74	23.70	23.65	24.50	
		1	271	23.42	23.77	23.59	23.97	23.38	24.50	
		135	0	22.60	22.73	22.74	22.89	22.89	23.50	
		135	69	23.61	23.69	23.77	23.80	22.97	24.50	
		135	138	22.56	22.75	22.85	22.70	22.66	23.50	
		270	0	22.65	22.74	22.81	22.80	22.87	23.50	
	DFT-s-OFDM QPSK	1	1	23.81	23.00	23.86	22.82	24.02	24.50	
		1	137	23.71	23.82	23.85	23.78	23.75	24.50	
		1	271	23.47	23.84	23.65	24.05	23.44	24.50	
		135	0	22.65	22.84	22.83	22.96	22.97	23.50	
		135	69	23.72	23.80	23.88	23.91	23.05	24.50	
		135	138	22.67	22.83	22.91	22.77	22.75	23.50	
	DFT-s-OFDM 16QAM	1	1	22.72	22.89	22.87	22.91	22.86	23.50	
		DFT-s-OFDM 64QAM	1	1	21.27	21.33	21.38	21.33	21.33	23.00
		DFT-s-OFDM 256QAM	1	1	19.23	19.15	19.39	19.36	19.32	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996		
90MHz	DFT-s-OFDM QPSK	1	1	23.98	24.09	24.01	23.87	23.99	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				507204	512904	518598	524298	529998		
80MHz	DFT-s-OFDM QPSK	1	1	23.85	23.91	23.88	24.01	24.12	24.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				505200	511902	518598	525300	531996		
60MHz	DFT-s-OFDM QPSK	1	1	23.15	23.09	23.17	23.00	23.11	24.50	

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	20.70	21.02	20.94	20.86	21.23	22.00
		1	137	20.76	20.91	20.95	20.91	20.78	22.00
		1	271	20.72	20.90	20.65	20.56	20.56	22.00
		135	0	20.61	20.84	20.74	20.84	20.70	21.00
		135	69	20.69	20.95	20.81	20.94	20.80	22.00
		135	138	20.62	20.92	20.78	20.68	20.74	21.00
		270	0	20.68	20.56	20.83	20.92	20.93	21.00
	DFT-s-OFDM QPSK	1	1	20.79	21.09	20.99	20.97	21.32	22.00
		1	137	20.81	20.98	21.01	20.96	20.88	22.00
		1	271	20.78	21.01	20.72	20.62	20.65	22.00
		135	0	20.68	20.91	20.84	20.89	20.79	21.00
		135	69	20.75	21.02	20.92	21.01	20.89	22.00
		135	138	20.69	21.00	20.88	20.79	20.84	21.00
	270	0	20.75	20.67	20.89	20.98	20.98	21.00	
	DFT-s-OFDM 16QAM	1	1	20.13	20.41	20.05	20.21	20.60	21.00
DFT-s-OFDM 64QAM	1	1	20.33	20.74	20.43	20.40	20.52	21.00	
DFT-s-OFDM 256QAM	1	1	19.23	19.15	19.39	19.36	19.32	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.89	20.93	21.03	20.99	21.05	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.79	20.89	20.98	20.88	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.15	21.20	21.28	21.13	21.11	22.00

N41 Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.22	20.51	20.41	20.68	20.64	21.50
		1	137	20.25	20.35	20.47	20.33	20.27	21.50
		1	271	19.94	20.37	20.05	19.93	20.06	21.50
		135	0	20.10	20.31	20.39	20.37	20.37	20.50
		135	69	20.22	20.59	20.42	20.28	20.27	21.50
		135	138	20.14	20.39	20.17	20.17	20.19	20.50
		270	0	20.13	20.36	20.33	20.21	20.35	20.50
	DFT-s-OFDM QPSK	1	1	20.28	20.56	20.48	20.78	20.72	21.50
		1	137	20.32	20.42	20.54	20.43	20.35	21.50
		1	271	20.03	20.42	20.13	20.03	20.15	21.50
		135	0	20.21	20.39	20.45	20.42	20.48	20.50

		135	69	20.30	20.66	20.52	20.36	20.35	21.50
		135	138	20.19	20.48	20.28	20.27	20.24	20.50
		270	0	20.19	20.46	20.41	20.27	20.40	20.50
	DFT-s-OFDM 16QAM	1	1	20.25	20.41	20.60	20.45	20.51	21.00
	DFT-s-OFDM 64QAM	1	1	20.33	20.74	20.43	20.40	20.52	21.00
	DFT-s-OFDM 256QAM	1	1	19.23	19.15	19.39	19.36	19.32	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.30	20.35	20.49	20.31	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.28	20.37	20.51	20.41	20.44	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.77	20.79	20.89	20.81	20.64	21.50

N66				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.54	20.53	20.63	21.50
		1	53	20.50	20.47	20.51	21.50
		1	104	20.50	20.36	20.62	21.50
		50	0	19.56	19.43	19.52	20.50
		50	28	20.50	20.43	20.53	21.50
		50	56	19.56	19.50	19.52	20.50
		100	0	19.61	19.54	19.58	20.50
	DFT-s-OFDM QPSK	1	1	20.65	20.59	20.68	21.50
		1	53	20.56	20.54	20.56	21.50
		1	104	20.56	20.45	20.72	21.50
		50	0	19.66	19.53	19.59	20.50
		50	28	20.59	20.51	20.58	21.50
		50	56	19.62	19.59	19.62	20.50
	DFT-s-OFDM 16QAM	1	1	19.60	19.63	19.70	20.50
		1	1	18.40	18.39	18.48	20.00
		1	1	16.06	16.05	16.21	18.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.68	20.71	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	

20MHz	DFT-s-OFDM QPSK	1	1	20.47	20.62	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					349000		
15MHz	DFT-s-OFDM QPSK	1	1	20.32	20.56	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.61	20.52	20.41	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	20.47	20.53	20.34	21.50

Table 20: Conducted Power of NR

12.2 Conducted Power of NR Antenna (Ant2)

N7 Hotspot off/Sensor off				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502000	507000	512000		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.75	22.17	22.11	22.50	
		1	53	22.08	22.19	22.09	22.50	
		1	104	22.12	21.81	21.23	22.50	
		50	0	21.04	21.08	21.17	21.50	
		50	28	21.91	22.20	22.21	22.50	
		50	56	21.19	21.11	21.18	21.50	
		100	0	21.04	21.18	21.23	21.50	
	DFT-s-OFDM QPSK	1	1	21.80	22.23	22.21	22.50	
		1	53	22.15	22.28	22.20	22.50	
		1	104	22.19	21.90	21.31	22.50	
		50	0	21.15	21.19	21.26	21.50	
		50	28	21.99	22.26	22.30	22.50	
		50	56	21.24	21.21	21.28	21.50	
		100	0	21.15	21.29	21.31	21.50	
	DFT-s-OFDM 16QAM	1	1	21.01	21.39	21.12	21.50	
	DFT-s-OFDM 64QAM	1	1	19.81	19.90	19.95	21.00	
	DFT-s-OFDM 256QAM	1	1	17.42	17.33	17.47	19.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					501500	507000	512500	
	15MHz	DFT-s-OFDM QPSK	1	1	22.41	22.25	22.33	22.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000		
10MHz	DFT-s-OFDM QPSK	1	1	21.01	21.19	20.99	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				500500	507000	513500		

5MHz	DFT-s-OFDM QPSK	1	1	20.89	21.18	20.97	22.50
-------------	--------------------	---	---	-------	-------	-------	-------

N7 Hotspot on/Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.15	20.01	19.97	20.50
		1	53	20.13	20.09	19.97	20.50
		1	104	20.12	20.19	20.28	20.50
		50	0	20.06	20.23	20.09	20.50
		50	28	20.12	20.18	20.03	20.50
		50	56	20.11	20.13	20.11	20.50
		100	0	20.17	20.16	20.17	20.50
	DFT-s-OFDM QPSK	1	1	20.22	20.12	20.05	20.50
		1	53	20.19	20.20	20.05	20.50
		1	104	20.20	20.29	20.35	20.50
		50	0	20.12	20.30	20.18	20.50
		50	28	20.23	20.23	20.10	20.50
		50	56	20.16	20.21	20.19	20.50
		100	0	20.22	20.27	20.25	20.50
	DFT-s-OFDM 16QAM	1	1	20.11	20.10	20.23	20.50
	DFT-s-OFDM 64QAM	1	1	19.68	19.66	19.52	20.50
	DFT-s-OFDM 256QAM	1	1	17.62	17.64	17.76	19.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
15MHz	DFT-s-OFDM QPSK	1	1	20.30	20.32	20.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.21	20.15	20.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.89	19.92	19.92	20.50

N38 Hotspot off/Sensor off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.29	22.48	22.54	23.00
		1	53	22.25	22.37	22.42	23.00
		1	104	22.35	22.52	22.41	23.00
		50	0	21.32	21.41	21.48	22.00
		50	28	22.34	22.38	22.46	23.00
		50	56	21.36	21.39	21.41	22.00

		100	0	21.26	21.39	21.43	22.00
	DFT-s-OFDM QPSK	1	1	22.38	22.57	22.64	23.00
		1	53	22.35	22.44	22.47	23.00
		1	104	22.45	22.62	22.51	23.00
		50	0	21.42	21.51	21.53	22.00
		50	28	22.45	22.48	22.55	23.00
		50	56	21.45	21.45	21.49	22.00
		100	0	21.35	21.49	21.51	22.00
	DFT-s-OFDM 16QAM	1	1	21.23	21.35	21.40	22.00
	DFT-s-OFDM 64QAM	1	1	20.08	20.12	20.30	21.50
	DFT-s-OFDM 256QAM	1	1	17.69	17.74	17.67	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.77	21.81	21.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.53	21.49	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.40	21.42	21.33	23.00

N38 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.31	20.47	20.42	21.00
		1	53	20.16	20.27	20.36	21.00
		1	104	20.32	20.30	20.32	21.00
		50	0	20.28	20.26	20.30	21.00
		50	28	20.33	20.33	20.26	21.00
		50	56	20.23	20.20	20.29	21.00
		100	0	20.26	20.30	20.30	21.00
	DFT-s-OFDM QPSK	1	1	20.39	20.52	20.47	21.00
		1	53	20.26	20.36	20.42	21.00
		1	104	20.39	20.41	20.39	21.00
		50	0	20.36	20.34	20.35	21.00
		50	28	20.40	20.39	20.31	21.00
		50	56	20.34	20.30	20.39	21.00
		100	0	20.31	20.36	20.36	21.00
	DFT-s-OFDM 16QAM	1	1	20.28	20.55	20.45	21.00
DFT-s-OFDM 64QAM	1	1	19.18	19.20	19.41	20.50	

	DFT-s-OFDM 256QAM	1	1	16.76	16.79	16.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	20.34	20.33	20.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	20.44	20.42	20.54	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	20.29	20.33	20.43	22.00

N41 Hotspot off/Sensor off				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.84	22.21	21.83	21.93	22.32	23.00
		1	137	21.78	22.05	21.94	22.06	22.05	23.00
		1	271	21.64	22.14	21.83	21.71	21.75	23.00
		135	0	20.76	20.99	20.89	20.99	21.27	22.00
		135	69	21.70	21.98	22.11	21.09	22.12	23.00
		135	138	20.73	20.99	21.01	20.96	21.07	22.00
		270	0	20.75	20.95	20.94	20.99	21.26	22.00
	DFT-s-OFDM QPSK	1	1	21.94	22.31	21.94	22.02	22.42	23.00
		1	137	21.85	22.14	22.05	22.17	22.15	23.00
		1	271	21.70	22.24	21.94	21.78	21.82	23.00
		135	0	20.84	21.06	21.00	21.07	21.35	22.00
		135	69	21.78	22.05	22.18	21.15	22.17	23.00
		135	138	20.80	21.10	21.11	21.05	21.13	22.00
		270	0	20.86	21.05	21.05	21.08	21.31	22.00
	DFT-s-OFDM 16QAM	1	1	20.84	21.05	21.14	21.17	21.27	22.00
	DFT-s-OFDM 64QAM	1	1	19.76	19.60	19.62	19.72	19.73	21.50
	DFT-s-OFDM 256QAM	1	1	17.87	17.55	17.61	17.62	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	21.30	21.31	21.35	21.21	21.15	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	21.31	21.22	21.28	21.17	21.27	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	21.65	21.70	21.80	21.85	21.57	23.00

N41 Sensor on&Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.05	19.97	20.13	20.52	20.39	21.00
		1	137	19.95	19.92	20.11	20.04	20.06	21.00
		1	271	19.67	19.71	20.00	19.70	19.63	21.00
		135	0	19.85	19.77	19.96	20.08	20.14	21.00
		135	69	19.94	20.22	20.02	20.20	20.05	21.00
		135	138	19.84	19.72	20.01	19.78	19.85	21.00
		270	0	19.81	19.90	20.00	19.95	20.11	21.00
	DFT-s-OFDM QPSK	1	1	20.11	20.03	20.19	20.59	20.47	21.00
		1	137	20.04	19.98	20.22	20.14	20.12	21.00
		1	271	19.75	19.79	20.07	19.78	19.74	21.00
		135	0	19.90	19.88	20.04	20.19	20.20	21.00
		135	69	20.00	20.32	20.08	20.30	20.15	21.00
		135	138	19.95	19.83	20.12	19.84	19.96	21.00
	DFT-s-OFDM 16QAM	1	1	20.05	20.07	20.26	20.18	20.13	21.00
		1	1	18.65	18.70	18.87	19.11	19.19	19.50
1		1	16.20	16.07	16.38	16.82	16.73	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.25	20.31	20.14	20.12	20.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.66	20.53	20.79	20.75	20.31	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.12	20.23	20.17	20.05	20.12	21.00

N66 Hotspot off/Sensor off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.38	23.36	23.62	24.00
		1	53	23.40	23.35	23.42	24.00
		1	104	23.45	23.42	23.66	24.00
		50	0	22.32	22.35	22.42	23.00
		50	28	23.40	23.43	23.44	24.00
		50	56	22.31	22.37	22.51	23.00
		100	0	22.42	22.37	22.41	23.00
	DFT-s-OFDM QPSK	1	1	23.47	23.43	23.68	24.00
		1	53	23.46	23.45	23.53	24.00
		1	104	23.55	23.49	23.77	24.00
		50	0	22.43	22.43	22.53	23.00
		50	28	23.49	23.48	23.51	24.00
50	56	22.40	22.45	22.59	23.00		

		100	0	22.52	22.48	22.51	23.00
	DFT-s-OFDM 16QAM	1	1	22.65	22.63	22.90	23.00
	DFT-s-OFDM 64QAM	1	1	21.14	21.18	21.42	22.50
	DFT-s-OFDM 256QAM	1	1	18.92	18.74	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.16	22.22	22.14	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.35	22.46	22.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.41	22.39	22.41	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.27	22.31	22.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 360000	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.08	22.19	22.11	24.00

N66 Sensor on				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.43	22.47	22.45	23.50	
		1	53	21.99	21.97	21.83	23.50	
		1	104	22.02	21.97	21.93	23.50	
		50	0	21.98	22.01	21.98	22.50	
		50	28	22.45	22.54	22.31	23.50	
		50	56	21.99	22.04	22.23	22.50	
		100	0	21.61	21.49	21.33	22.50	
	DFT-s-OFDM QPSK	1	1	22.53	22.58	22.53	23.50	
		1	53	22.08	22.02	21.93	23.50	
		1	104	22.13	22.06	21.98	23.50	
		50	0	22.08	22.08	22.08	22.50	
		50	28	22.51	22.64	22.39	23.50	
		50	56	22.04	22.11	22.28	22.50	
		100	0	21.72	21.54	21.44	22.50	
	DFT-s-OFDM 16QAM	1	1	21.43	21.38	21.33	22.50	
	DFT-s-OFDM 64QAM	1	1	21.08	20.97	20.99	22.00	
	DFT-s-OFDM 256QAM	1	1	19.03	18.97	18.89	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up

30MHz	DFT-s-OFDM QPSK	1	1	22.15	22.11	22.21	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.41	22.39	22.32	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.33	22.42	22.31	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.85	21.87	21.75	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 360000	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.73	21.51	21.58	23.50

N66 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.40	21.37	21.30	22.50
		1	53	21.26	21.35	21.24	22.50
		1	104	21.44	21.36	21.22	22.50
		50	0	21.27	21.42	21.25	22.50
		50	28	21.41	21.42	21.36	22.50
		50	56	21.19	21.28	21.43	22.50
		100	0	21.37	21.48	21.36	22.50
	DFT-s-OFDM QPSK	1	1	21.46	21.46	21.41	22.50
		1	53	21.35	21.42	21.29	22.50
		1	104	21.73	21.41	21.33	22.50
		50	0	21.36	21.48	21.36	22.50
		50	28	21.50	21.62	21.47	22.50
		50	56	21.25	21.39	21.52	22.50
		100	0	21.46	21.58	21.44	22.50
	DFT-s-OFDM 16QAM	1	1	21.03	21.10	21.05	22.50
	DFT-s-OFDM 64QAM	1	1	20.67	20.60	20.67	22.00
	DFT-s-OFDM 256QAM	1	1	18.46	18.55	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.46	21.53	21.68	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.52	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up

15MHz	DFT-s-OFDM QPSK	1	1	21.66	21.50	21.63	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.33	21.35	21.30	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 360000	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.31	21.43	21.45	22.50

12.3 Conducted Power of NR Antenna (Ant3)

N7 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.41	18.42	18.44	19.50
		1	53	18.44	18.40	18.31	19.50
		1	104	18.45	18.66	18.56	19.50
		50	0	18.43	18.56	18.61	19.50
		50	28	18.61	18.53	17.87	19.50
		50	56	18.23	18.23	18.25	19.50
		100	0	18.22	18.96	18.78	19.50
	DFT-s-OFDM QPSK	1	1	18.49	18.49	18.54	19.50
		1	53	18.53	18.50	18.36	19.50
		1	104	18.56	18.71	18.61	19.50
		50	0	18.50	18.62	18.67	19.50
		50	28	18.71	18.61	17.93	19.50
		50	56	18.33	18.31	18.32	19.50
		100	0	18.33	19.02	18.88	19.50
	DFT-s-OFDM 16QAM	1	1	18.86	18.79	18.85	19.50
	DFT-s-OFDM 64QAM	1	1	18.16	18.19	18.25	19.50
	DFT-s-OFDM 256QAM	1	1	16.82	16.87	16.87	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.56	18.85	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.32	18.36	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.42	18.40	18.36	19.50

N7 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.45	17.48	17.42	18.00
		1	53	17.45	17.39	17.45	18.00
		1	104	17.39	17.41	17.34	18.00
		50	0	17.16	17.18	17.30	18.00
		50	28	17.27	17.22	17.34	18.00
		50	56	17.14	17.15	17.04	18.00
		100	0	17.26	17.12	17.09	18.00
	DFT-s-OFDM QPSK	1	1	17.56	17.55	17.49	18.00
		1	53	17.52	17.49	17.55	18.00
		1	104	17.48	17.52	17.40	18.00
		50	0	17.27	17.26	17.36	18.00
		50	28	17.52	17.49	17.65	18.00
		50	56	17.23	17.24	17.10	18.00
	DFT-s-OFDM 16QAM	1	1	17.23	17.34	17.31	18.00
		1	1	17.23	17.51	17.45	18.00
1		1	17.15	17.05	17.16	18.00	
DFT-s-OFDM 256QAM	1	1	17.15	17.05	17.16	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.11	17.23	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.13	17.31	17.25	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.23	17.39	17.35	18.00

N38 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.31	19.18	19.20	19.50
		1	53	19.22	19.27	19.25	19.50
		1	104	19.16	19.20	19.14	19.50
		50	0	19.15	19.15	19.10	19.50
		50	28	19.12	19.25	19.16	19.50
		50	56	19.03	19.18	18.94	19.50
		100	0	19.14	19.13	19.07	19.50

	DFT-s-OFDM QPSK	1	1	19.36	19.27	19.30	19.50
		1	53	19.33	19.34	19.36	19.50
		1	104	19.23	19.25	19.23	19.50
		50	0	19.26	19.21	19.15	19.50
		50	28	19.20	19.36	19.25	19.50
		50	56	19.13	19.24	19.03	19.50
	DFT-s-OFDM 16QAM	1	1	19.26	19.33	19.22	19.50
	DFT-s-OFDM 64QAM	1	1	19.22	19.23	19.19	19.50
	DFT-s-OFDM 256QAM	1	1	17.02	17.00	16.87	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500
15MHz	DFT-s-OFDM QPSK	1	1	19.18	19.25	19.16	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.01	19.11	19.14	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.25	19.09	19.26	19.50

N38 Receiver on & Hotspot on				Conducted Power (dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.21	17.16	17.15	17.50
		1	53	17.24	17.25	17.27	17.50
		1	104	17.33	17.14	17.13	17.50
		50	0	17.13	17.10	17.01	17.50
		50	28	17.20	17.01	17.25	17.50
		50	56	17.16	17.00	17.03	17.50
	DFT-s-OFDM QPSK	100	0	17.16	17.24	17.14	17.50
	DFT-s-OFDM QPSK	1	1	17.32	17.25	17.23	17.50
		1	53	17.31	17.32	17.37	17.50
		1	104	17.42	17.21	17.19	17.50
		50	0	17.23	17.19	17.09	17.50
		50	28	17.27	17.11	17.30	17.50
		50	56	17.21	17.09	17.09	17.50
	DFT-s-OFDM 16QAM	100	0	17.27	17.31	17.24	17.50
	DFT-s-OFDM 16QAM	1	1	17.25	17.29	17.19	17.50
	DFT-s-OFDM 64QAM	1	1	17.35	17.15	17.26	17.50
	DFT-s-OFDM 256QAM	1	1	17.23	17.24	17.25	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	17.34	17.11	17.19	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.41	17.17	17.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	17.17	17.10	17.18	17.50

N41 Receiver off/Hotspot off				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				509202	513900	518598	523302	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.62	18.77	18.63	18.50	18.68	19.00	
		1	137	18.29	18.48	18.52	18.34	18.29	19.00	
		1	271	18.08	18.29	18.11	17.65	17.82	19.00	
		135	0	18.36	18.48	18.45	18.39	18.45	19.00	
		135	69	18.40	18.44	18.39	18.29	18.18	19.00	
		135	138	18.31	18.43	18.26	18.16	17.93	19.00	
		270	0	18.40	18.41	18.39	18.17	18.21	19.00	
	DFT-s-OFDM QPSK	1	1	18.73	18.86	18.68	18.55	18.75	19.00	
		1	137	18.40	18.58	18.58	18.40	18.36	19.00	
		1	271	18.19	18.37	18.18	17.75	17.87	19.00	
		135	0	18.44	18.56	18.50	18.46	18.50	19.00	
		135	69	18.46	18.54	18.50	18.36	18.25	19.00	
		135	138	18.36	18.51	18.36	18.21	17.98	19.00	
		270	0	18.47	18.52	18.44	18.25	18.32	19.00	
	DFT-s-OFDM 16QAM	1	1	18.53	18.82	18.83	18.71	18.85	19.00	
	DFT-s-OFDM 64QAM	1	1	18.30	18.35	18.42	18.20	18.45	19.00	
	DFT-s-OFDM 256QAM	1	1	15.82	16.12	15.79	15.91	16.11	17.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	90MHz	DFT-s-OFDM QPSK	1	1	18.78	18.54	18.59	18.57	18.77	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
	80MHz	DFT-s-OFDM QPSK	1	1	18.64	18.87	18.74	18.56	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	18.75	18.88	18.58	18.45	18.58	20.00	

N41 Receiver on & Hotspot on				Conducted Power (dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.07	15.87	16.07	16.00	15.86	16.50
		1	137	16.06	16.00	16.07	16.01	15.74	16.50
		1	271	15.59	15.49	15.65	15.47	15.29	16.50
		135	0	15.93	15.84	15.85	15.99	15.87	16.50
		135	69	15.77	15.70	15.76	15.68	15.56	16.50
		135	138	15.61	15.56	15.68	15.57	15.42	16.50
		270	0	15.73	15.64	15.66	15.69	15.56	16.50
	DFT-s-OFDM QPSK	1	1	16.15	15.97	16.15	16.06	15.95	16.50
		1	137	16.14	16.06	16.13	16.12	15.85	16.50
		1	271	15.66	15.54	15.73	15.58	15.35	16.50
		135	0	15.99	15.92	15.91	16.10	15.92	16.50
		135	69	15.88	15.77	15.87	15.76	15.65	16.50
		135	138	15.70	15.65	15.79	15.66	15.47	16.50
	270	0	15.81	15.71	15.76	15.77	15.66	16.50	
	DFT-s-OFDM 16QAM	1	1	16.07	16.13	16.13	16.11	15.91	16.50
DFT-s-OFDM 64QAM	1	1	15.97	16.10	16.11	16.06	16.07	16.50	
DFT-s-OFDM 256QAM	1	1	15.33	15.24	15.65	15.27	15.69	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.25	16.12	16.22	16.16	16.14	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	15.97	16.23	16.14	15.91	15.97	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.13	16.21	16.49	15.58	15.69	16.50

N66 Receiver off / Hotspot off				Conducted Power (dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.47	22.66	22.41	23.00
		1	53	21.55	22.61	21.28	23.00
		1	104	21.53	22.71	21.38	23.00
		50	0	21.43	21.60	21.48	22.00
		50	28	21.68	21.62	21.64	23.00
		50	56	21.69	21.67	21.80	22.00
		100	0	19.97	21.66	20.87	22.00

	DFT-s-OFDM QPSK	1	1	22.53	22.72	22.52	23.00
		1	53	21.61	22.68	21.39	23.00
		1	104	21.59	22.80	21.48	23.00
		50	0	21.50	21.70	21.54	22.00
		50	28	21.79	21.72	21.75	23.00
		50	56	21.74	21.76	21.88	22.00
		100	0	20.04	21.74	20.92	22.00
	DFT-s-OFDM 16QAM	1	1	20.69	21.84	20.50	22.00
	DFT-s-OFDM 64QAM	1	1	20.28	20.43	20.08	21.50
	DFT-s-OFDM 256QAM	1	1	17.85	18.20	17.71	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.27	22.23	22.12	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.48	21.77	21.57	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.54	21.61	21.51	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.69	21.53	21.74	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.54	21.75	21.64	23.00

N66 Hotspot on&Recevier on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.18	21.28	21.45	22.00
		1	53	21.36	21.29	21.39	22.00
		1	104	21.41	21.59	21.60	22.00
		50	0	21.24	21.24	21.44	22.00
		50	28	21.36	21.35	21.36	22.00
		50	56	21.33	21.56	21.39	22.00
		100	0	21.31	21.40	21.51	22.00
	DFT-s-OFDM QPSK	1	1	21.28	21.33	21.55	22.00
		1	53	21.46	21.38	21.48	22.00
		1	104	21.47	21.69	21.69	22.00
		50	0	21.34	21.35	21.53	22.00
		50	28	21.45	21.41	21.46	22.00
		50	56	21.43	21.61	21.44	22.00

		100	0	21.41	21.50	21.56	22.00
	DFT-s-OFDM 16QAM	1	1	21.65	21.63	21.85	22.00
	DFT-s-OFDM 64QAM	1	1	19.93	20.00	20.25	20.50
	DFT-s-OFDM 256QAM	1	1	17.99	17.89	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.40	21.40	21.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.37	21.33	21.56	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.27	21.26	21.51	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.34	21.33	21.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.45	21.44	21.66	22.00

Table 21: Conducted Power of NR

12.4 Conducted Power of NR Antenna (Ant4)

N77 Receiver on & Hotspot on					Conducted Power (dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					650000	652400	654800	657200	659600	662000		
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	13.59	13.96	13.84	13.90	14.02	13.82	14.50	
			1	137	13.95	14.21	14.19	14.27	14.10	14.13	14.50	
			1	271	13.42	13.90	13.93	13.85	13.97	13.72	14.50	
			135	0	13.62	13.70	13.80	13.86	13.85	13.80	14.50	
			135	69	13.51	13.89	14.00	13.87	13.82	13.73	14.50	
			135	138	13.44	13.89	13.82	14.05	13.91	13.80	14.50	
		DFT-s-OFDM QPSK	1	1	13.65	14.02	13.92	13.96	14.10	13.88	14.50	
			1	137	14.04	14.29	14.27	14.34	14.15	14.18	14.50	
			1	271	13.53	13.96	14.04	13.92	14.02	13.81	14.50	
			135	0	13.72	13.79	13.88	13.92	13.93	13.86	14.50	
			135	69	13.60	13.95	14.09	13.97	13.90	13.83	14.50	
			135	138	13.50	13.95	13.91	14.10	13.98	13.88	14.50	
		DFT-s-OFDM 16QAM	1	1	13.91	14.27	14.29	14.24	14.15	14.13	14.50	
			DFT-s-OFDM 64QAM	1	1	13.73	13.98	14.11	14.02	13.94	13.93	14.50
				DFT-s-OFDM 256QAM	1	1	13.52	13.70	13.79	13.83	13.76	13.66
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel
					649668	652200	654734	657268	659800	662332		
					3745.02	3783.00	3821.01	3859.02	3897.00	3934.98		
90MHz	30kHz	DFT-s-OFDM QPSK	1	137	13.63	13.67	13.64	13.78	13.64	13.61	14.50	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					649334	652000	654668	657334	660000	662666		
					3740.01	3780.00	3820.02	3860.01	3900.00	3939.99		
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	13.93	13.86	13.98	13.86	13.80	14.02	14.50	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					648668	651600	654534	657468	660400	663332		
					3730.02	3774.00	3818.01	3862.02	3906.00	3949.98		
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.03	13.78	13.84	13.92	13.89	14.02	14.50	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					648334	651400	654468	657534	660600	663666		
					3725.01	3771.00	3817.02	3863.01	3909.00	3954.99		
50MHz	30kHz	DFT-s-OFDM	1	1	13.62	13.80	13.49	13.59	13.72	13.54	14.50	

					649668	652200	654734	657268	659800	662332	
					3745.02	3783.00	3821.01	3859.02	3897.00	3934.98	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.13	16.10	16.23	16.15	16.25	16.11	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649334	652000	654668	657334	660000	662666	
					3740.01	3780.00	3820.02	3860.01	3900.00	3939.99	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.48	16.43	16.37	16.57	16.37	16.43	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648668	651600	654534	657468	660400	663332	
					3730.02	3774.00	3818.01	3862.02	3906.00	3949.98	
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.16	16.24	16.27	16.31	16.08	16.22	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
					3725.01	3771.00	3817.02	3863.01	3909.00	3954.99	
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.38	16.27	16.32	16.73	16.28	16.66	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
					3720.00	3768.00	3816.00	3864.00	3912.00	3960.00	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.19	16.17	16.32	16.23	16.33	16.21	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
					3710.01	3762.00	3814.02	3866.01	3918.00	3969.99	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.31	16.31	16.31	16.31	16.31	16.31	17.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
					3707.52	3760.50	3813.48	3866.52	3919.50	3972.48	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.05	16.15	15.93	16.16	16.09	16.06	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	
					3705.00	3759.00	3813.00	3867.00	3921.00	3975.00	
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.40	16.42	16.40	16.38	16.36	16.41	17.00

Table 22: Conducted Power of NR

12.5 Conducted Power of NR Antenna (Ant5)

N7 Receiver off/Sensor off/Hotspot off				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.98	23.68	25.00
		1	53	23.66	23.99	23.89	25.00
		1	104	23.81	23.87	23.30	25.00
		50	0	22.79	22.88	22.96	24.00
		50	28	23.69	24.05	23.94	25.00
		50	56	22.79	23.04	23.02	24.00
	DFT-s-OFDM QPSK	100	0	22.84	22.92	22.93	24.00
		1	1	23.60	24.05	23.76	25.00
		1	53	23.76	24.04	23.98	25.00
		1	104	23.92	23.98	23.41	25.00
		50	0	22.86	22.98	23.02	24.00
		50	28	23.99	24.14	24.02	25.00
	DFT-s-OFDM 16QAM	50	56	22.90	23.09	23.07	24.00
		100	0	22.91	22.97	23.03	24.00
		DFT-s-OFDM 16QAM	1	1	22.86	22.96	23.02
DFT-s-OFDM 64QAM		1	1	21.45	21.48	21.59	22.50
DFT-s-OFDM 256QAM		1	1	19.32	19.36	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	25.00
				23.95	24.11	23.87	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	25.00
				24.08	24.10	24.09	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	25.00
				23.95	23.96	23.93	

N7 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.01	17.12	17.06	18.00
		1	53	17.11	17.13	17.07	18.00
		1	104	17.02	17.05	17.10	18.00
		50	0	16.86	16.97	16.99	18.00
		50	28	16.96	17.00	16.96	18.00
		50	56	16.90	16.98	16.93	18.00

		100	0	16.94	17.07	17.01	18.00
	DFT-s-OFDM QPSK	1	1	17.07	17.22	17.11	18.00
		1	53	17.21	17.20	17.12	18.00
		1	104	17.11	17.13	17.17	18.00
		50	0	16.97	17.06	17.06	18.00
		50	28	17.03	17.09	17.06	18.00
		50	56	16.98	17.06	17.00	18.00
		100	0	17.05	17.12	17.10	18.00
	DFT-s-OFDM 16QAM	1	1	16.99	17.03	16.95	18.00
	DFT-s-OFDM 64QAM	1	1	17.39	17.56	17.44	18.00
	DFT-s-OFDM 256QAM	1	1	16.64	16.70	16.62	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.11	17.18	17.14	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.15	17.16	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.02	17.10	17.05	18.00

N7 Sensor on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.55	16.61	16.45	17.50
		1	53	16.43	16.60	16.52	17.50
		1	104	16.46	16.42	16.51	17.50
		50	0	16.57	16.48	16.41	17.50
		50	28	16.47	16.56	16.49	17.50
		50	56	16.52	16.49	16.45	17.50
		100	0	16.68	16.54	16.34	17.50
	DFT-s-OFDM QPSK	1	1	16.60	16.69	16.54	17.50
		1	53	16.53	16.68	16.62	17.50
		1	104	16.52	16.69	16.60	17.50
		50	0	16.62	16.59	16.48	17.50
		50	28	16.55	16.61	16.55	17.50
		50	56	16.61	16.56	16.52	17.50
		100	0	16.77	16.62	16.45	17.50
	DFT-s-OFDM 16QAM	1	1	16.70	16.65	16.56	17.50
DFT-s-OFDM 64QAM	1	1	17.05	17.05	17.00	17.50	

	DFT-s-OFDM 256QAM	1	1	16.25	16.30	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.53	16.82	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.55	16.45	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.21	16.25	16.34	17.50

N38 Receiver off/Sensor off/Hotspot off				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.08	24.20	24.36	25.00	
		1	53	24.08	24.18	24.23	25.00	
		1	104	24.48	24.30	24.07	25.00	
		50	0	23.14	23.16	23.22	24.00	
		50	28	24.15	24.24	23.99	25.00	
		50	56	23.22	23.27	23.32	24.00	
		100	0	23.18	23.17	23.17	24.00	
	DFT-s-OFDM QPSK	1	1	24.16	24.29	24.41	25.00	
		1	53	24.13	24.26	24.28	25.00	
		1	104	24.58	24.38	24.16	25.00	
		50	0	23.19	23.27	23.29	24.00	
		50	28	24.23	24.30	24.08	25.00	
		50	56	23.28	23.35	23.39	24.00	
		100	0	23.25	23.25	23.26	24.00	
	DFT-s-OFDM 16QAM	1	1	23.88	23.54	23.17	24.00	
	DFT-s-OFDM 64QAM	1	1	22.21	21.87	21.86	22.50	
	DFT-s-OFDM 256QAM	1	1	19.92	19.61	19.65	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
	15MHz	DFT-s-OFDM QPSK	1	1	23.71	23.56	23.55	25.00
	Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.50	23.23	23.15	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	23.21	23.58	23.44	25.00	

N38 Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.38	17.27	17.20	18.00
		1	53	17.18	17.23	17.27	18.00
		1	104	17.30	17.32	17.25	18.00
		50	0	17.44	17.49	17.60	18.00
		50	28	17.13	17.26	17.32	18.00
		50	56	17.67	17.64	17.67	18.00
		100	0	16.79	16.93	17.06	18.00
	DFT-s-OFDM QPSK	1	1	17.47	17.37	17.30	18.00
		1	53	17.26	17.33	17.33	18.00
		1	104	17.41	17.41	17.36	18.00
		50	0	17.54	17.60	17.65	18.00
		50	28	17.23	17.33	17.41	18.00
		50	56	17.74	17.69	17.75	18.00
	100	0	16.87	16.98	17.11	18.00	
	DFT-s-OFDM 16QAM	1	1	17.60	17.71	17.66	18.00
DFT-s-OFDM 64QAM	1	1	17.56	17.65	17.45	18.00	
DFT-s-OFDM 256QAM	1	1	17.70	17.57	17.41	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.75	17.82	17.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.11	17.27	17.15	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.93	16.91	16.89	18.00

N38 Receiver on & Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.95	16.81	16.80	17.50
		1	53	16.88	16.83	16.85	17.50
		1	104	16.86	16.86	16.68	17.50
		50	0	16.80	16.84	16.72	17.50
		50	28	16.98	16.86	16.90	17.50
		50	56	17.05	16.80	16.88	17.50
		100	0	16.59	16.77	16.60	17.50
	DFT-s-OFDM	1	1	17.05	16.91	16.88	17.50

	QPSK	1	53	16.99	16.91	16.95	17.50
		1	104	16.93	16.91	16.74	17.50
		50	0	16.89	16.92	16.78	17.50
		50	28	17.06	16.96	17.01	17.50
		50	56	17.11	16.89	16.96	17.50
		100	0	16.65	16.87	16.70	17.50
	DFT-s-OFDM 16QAM	1	1	16.88	16.80	16.89	17.50
	DFT-s-OFDM 64QAM	1	1	17.09	16.94	16.80	17.50
	DFT-s-OFDM 256QAM	1	1	16.91	16.91	16.88	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500
15MHz	DFT-s-OFDM QPSK	1	1	16.88	16.91	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.87	16.82	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 514500	Channel 519000	Channel 523500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.95	17.06	16.82	17.50

N41 Receiver off/Sensor off/Hotspot off				Conducted Power(dBm)						
SCS 30kHz										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				509202	513900	518598	523302	528000		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.79	23.79	23.77	23.78	25.00	
		1	137	23.55	23.69	23.95	23.87	23.82	25.00	
		1	271	23.53	23.97	23.83	23.51	23.48	25.00	
		135	0	22.42	22.62	22.69	22.80	22.85	24.00	
		135	69	23.57	23.79	23.82	23.87	23.99	25.00	
		135	138	22.60	22.82	22.90	22.77	22.87	24.00	
		270	0	22.51	22.81	22.72	22.82	22.68	24.00	
	DFT-s-OFDM QPSK	1	1	23.61	23.89	23.86	23.88	23.87	25.00	
		1	137	23.65	23.77	24.05	23.95	23.89	25.00	
		1	271	23.58	24.04	23.91	23.58	23.53	25.00	
		135	0	22.53	22.71	22.80	22.89	22.90	24.00	
		135	69	23.65	23.86	23.88	23.94	24.06	25.00	
		135	138	22.68	22.90	22.95	22.84	22.97	24.00	
	270	0	22.58	22.89	22.82	22.87	22.76	24.00		
	DFT-s-OFDM 16QAM	1	1	22.99	22.71	23.01	22.80	22.94	24.00	
	DFT-s-OFDM 64QAM	1	1	21.41	21.42	21.85	21.58	21.44	22.50	
	DFT-s-OFDM 256QAM	1	1	19.06	19.03	19.35	19.15	19.06	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up

90MHz	DFT-s-OFDM QPSK	1	1	23.43	23.35	23.30	23.37	23.47	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.44	23.55	23.62	23.88	23.76	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.35	23.31	23.46	23.48	23.56	25.00

N41 Sensor on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.20	18.20	18.30	18.03	18.14	19.00
		1	137	18.34	18.22	18.57	18.22	17.89	19.00
		1	271	18.10	18.07	18.52	17.90	17.59	19.00
		135	0	18.21	18.31	18.44	18.31	18.20	19.00
		135	69	18.25	18.35	18.57	18.26	18.06	19.00
		135	138	18.29	18.22	18.51	18.20	17.96	19.00
		270	0	18.26	18.21	18.41	18.27	18.03	19.00
	DFT-s-OFDM QPSK	1	1	18.29	18.25	18.41	18.14	18.21	19.00
		1	137	18.43	18.27	18.62	18.28	17.98	19.00
		1	271	18.17	18.18	18.57	18.00	17.64	19.00
		135	0	18.26	18.37	18.49	18.39	18.27	19.00
		135	69	18.33	18.44	18.64	18.32	18.16	19.00
		135	138	18.35	18.29	18.60	18.28	18.05	19.00
		270	0	18.31	18.26	18.50	18.36	18.14	19.00
	DFT-s-OFDM 16QAM	1	1	18.19	18.13	18.42	18.24	18.45	19.00
	DFT-s-OFDM 64QAM	1	1	18.58	18.59	18.19	18.42	18.25	19.00
	DFT-s-OFDM 256QAM	1	1	18.12	18.08	18.45	18.26	18.12	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.31	18.42	18.35	18.47	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.58	18.49	18.39	18.40	18.47	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.69	18.50	18.72	18.61	18.68	19.00

N41 Receiver on/Hotspot on				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.66	15.81	15.65	15.72	16.09	17.00
		1	137	15.71	15.71	15.83	15.89	15.94	17.00
		1	271	15.50	15.74	15.65	15.47	15.73	17.00
		135	0	15.55	15.71	15.68	15.80	15.93	17.00
		135	69	15.58	15.70	15.79	15.80	15.82	17.00
		135	138	15.54	15.70	15.79	15.62	15.77	17.00
		270	0	15.54	15.65	15.74	15.76	15.86	17.00
	DFT-s-OFDM QPSK	1	1	15.75	15.92	15.75	15.77	16.17	17.00
		1	137	15.76	15.78	15.88	15.95	16.05	17.00
		1	271	15.55	15.84	15.76	15.55	15.78	17.00
		135	0	15.61	15.77	15.75	15.87	15.98	17.00
		135	69	15.66	15.75	15.86	15.91	15.92	17.00
		135	138	15.61	15.81	15.88	15.72	15.82	17.00
	DFT-s-OFDM 16QAM	1	1	15.62	15.85	15.92	15.81	15.81	17.00
1		1	15.61	15.82	15.91	15.82	15.82	17.00	
1		1	15.66	15.83	15.95	15.76	15.86	17.00	
DFT-s-OFDM 256QAM	1	1	15.66	15.83	15.95	15.76	15.86	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	15.62	15.77	15.82	15.69	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	15.85	15.49	15.76	15.67	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.55	16.45	16.56	15.68	15.75	17.00

N66 Receiver off/Hotspot off				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.44	21.35	21.53	22.50
		1	53	21.36	21.25	21.33	22.50
		1	104	21.37	21.33	21.45	22.50
		50	0	20.40	20.40	20.46	21.50
		50	28	21.50	21.34	21.29	22.50
		50	56	20.33	20.37	20.47	21.50
		100	0	20.42	20.38	20.36	21.50
	DFT-s-OFDM QPSK	1	1	21.50	21.46	21.59	22.50
		1	53	21.44	21.36	21.44	22.50

		1	104	21.42	21.41	21.56	22.50
		50	0	20.49	20.48	20.51	21.50
		50	28	21.55	21.39	21.37	22.50
		50	56	20.43	20.42	20.52	21.50
		100	0	20.48	20.48	20.47	21.50
	DFT-s-OFDM 16QAM	1	1	20.36	20.35	20.45	21.50
	DFT-s-OFDM 64QAM	1	1	19.07	19.08	19.12	20.00
DFT-s-OFDM 256QAM	1	1	16.82	16.77	16.71	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.53	21.62	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.57	21.49	21.33	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.39	21.40	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.48	21.35	21.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	21.41	21.42	21.37	22.50

N66 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.44	16.49	16.32	17.50
		1	53	16.43	16.38	16.20	17.50
		1	104	16.53	16.38	16.50	17.50
		50	0	16.47	16.49	16.51	17.50
		50	28	16.75	16.38	16.39	17.50
		50	56	16.41	16.40	16.38	17.50
		100	0	16.06	16.47	16.48	17.50
	DFT-s-OFDM QPSK	1	1	16.49	16.54	16.42	17.50
		1	53	16.53	16.45	16.31	17.50
		1	104	16.63	16.45	16.58	17.50
		50	0	16.52	16.56	16.57	17.50
		50	28	16.82	16.45	16.48	17.50
		50	56	16.48	16.47	16.44	17.50
	DFT-s-OFDM 16QAM	1	1	16.13	16.53	16.55	17.50
	DFT-s-OFDM 64QAM	1	1	16.59	16.43	16.44	17.50
DFT-s-OFDM 64QAM	1	1	16.55	16.49	16.60	17.50	

	DFT-s-OFDM 256QAM	1	1	16.46	16.41	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.51	16.53	16.48	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	35400	
20MHz	DFT-s-OFDM QPSK	1	1	16.33	16.42	16.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.35	16.38	16.30	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	16.15	16.26	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.53	16.65	16.68	17.50

Table 23: Conducted Power of NR

12.6 Conducted Power of NR Antenna (Ant6)

N77 Receiver off&Hotspot off&Sensor off					Conducted Power(dBm)							
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					650000	652400	654800	657200	659600	662000		
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	23.50	23.40	23.29	23.24	23.38	23.39	24.50	
			1	137	23.44	23.25	23.36	23.58	23.42	23.54	24.50	
			1	271	23.39	23.39	23.41	23.30	23.45	23.50	24.50	
			135	0	22.47	23.25	22.30	23.14	22.43	22.46	23.50	
			135	69	23.43	23.28	23.49	23.67	23.49	23.57	24.50	
			135	138	23.38	22.36	22.46	22.57	22.33	22.57	23.50	
				270	0	22.41	22.30	22.42	22.52	22.43	22.55	23.50
				1	1	23.58	23.48	23.34	23.34	23.46	23.46	24.50
				1	137	23.53	23.34	23.47	23.67	23.52	23.59	24.50
				1	271	23.50	23.45	23.51	23.40	23.51	23.55	24.50
				135	0	22.53	23.31	22.37	23.21	22.52	22.57	23.50
				135	69	23.53	23.39	23.56	23.75	23.55	23.63	24.50
				135	138	23.49	22.43	22.53	22.62	22.40	22.64	23.50
				270	0	22.47	22.38	22.49	22.58	22.50	22.66	23.50
				DFT-s-OFDM 16QAM	1	1	23.01	22.90	23.15	23.11	22.92	22.95
		DFT-s-OFDM 64QAM	1	1	21.30	21.19	21.17	21.35	21.42	21.17	23.00	
		DFT-s-OFDM 256QAM	1	1	19.12	19.00	19.06	19.02	19.27	19.17	21.00	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					649668	652200	654734	657268	659800	662332		
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.54	23.54	23.54	23.63	23.48	23.46	24.50	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					649334	652000	654668	657334	660000	662666		
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.48	23.61	23.65	23.62	23.56	23.47	24.50	
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up	
					648668	651600	654534	657468	660400	663332		
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.44	23.56	23.45	23.55	23.49	23.49	24.50	

Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.63	23.48	23.45	23.47	23.55	23.48	24.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.54	23.37	23.36	23.39	23.46	23.38	24.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.48	23.28	23.28	23.34	23.37	23.32	24.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.55	23.39	23.38	23.41	23.48	23.40	24.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.66	23.47	23.45	23.52	23.54	23.49	24.50

N77 Sensor on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	19.58	19.83	19.69	19.67	19.66	19.78	21.50
			1	137	19.55	19.70	19.61	19.69	19.82	19.78	21.50
			1	271	19.70	19.68	19.62	19.99	19.96	19.74	21.50
			135	0	19.60	19.91	19.68	19.70	19.60	19.71	21.50
			135	69	19.81	19.69	19.60	19.74	19.82	19.74	21.50
			135	138	19.58	19.67	19.87	19.76	19.71	19.79	21.50
		DFT-s-OFDM QPSK	270	0	19.66	19.55	19.83	19.69	19.74	19.79	21.50
			1	1	19.69	19.90	19.77	19.77	19.76	19.83	21.50
			1	137	19.65	19.77	19.69	19.80	19.93	19.85	21.50
			1	271	19.75	19.76	19.72	20.07	20.01	19.84	21.50
			135	0	19.68	19.97	19.77	19.76	19.67	19.81	21.50
			135	69	19.86	19.75	19.71	19.82	19.91	19.83	21.50
		DFT-s-OFDM 16QAM	135	138	19.66	19.73	19.92	19.83	19.80	19.90	21.50
			270	0	19.73	19.65	19.88	19.80	19.80	19.86	21.50
DFT-s-OFDM 64QAM	1	1	19.75	19.88	20.03	19.89	20.02	19.99	21.50		
DFT-s-OFDM 256QAM	1	1	19.88	20.06	20.05	20.06	20.00	20.14	21.50		
DFT-s-OFDM 256QAM	1	1	18.33	18.26	18.33	18.25	18.32	18.29	20.00		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649668	652200	654734	657268	659800	662332	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.81	19.82	19.83	19.78	19.77	19.81	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649334	652000	654668	657334	660000	662666	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.80	19.84	19.79	19.75	19.77	19.76	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648668	651600	654534	657468	660400	663332	

60MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.80	19.85	19.85	19.77	19.81	19.84	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.81	19.78	19.79	19.85	19.76	19.77	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.73	19.67	19.73	19.74	19.68	19.68	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.62	19.56	19.65	19.69	19.60	19.60	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.73	19.63	19.72	19.80	19.70	19.70	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	19.78	19.73	19.80	19.85	19.75	19.81	21.50

N77 Receiver on&Hotspot on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	16.38	16.38	16.49	16.38	16.40	16.45	17.50
			1	137	16.64	16.57	16.51	16.62	16.61	16.92	17.50
			1	271	16.66	16.54	16.49	16.56	16.47	16.63	17.50
			135	0	16.71	16.68	16.50	16.61	16.56	16.56	17.50
			135	69	16.48	16.48	16.67	16.51	16.56	16.49	17.50
			135	138	16.61	16.54	16.73	16.64	16.59	16.69	17.50
		270	0	16.55	16.60	16.55	16.52	16.60	16.60	17.50	
		DFT-s-OFDM QPSK	1	1	16.48	16.47	16.59	16.48	16.50	16.52	17.50
			1	137	16.73	16.68	16.61	16.68	16.70	17.00	17.50
			1	271	16.73	16.61	16.55	16.66	16.55	16.70	17.50
			135	0	16.80	16.74	16.58	16.66	16.64	16.64	17.50
			135	69	16.58	16.55	16.76	16.61	16.63	16.59	17.50
			135	138	16.66	16.64	16.79	16.70	16.68	16.75	17.50
		270	0	16.64	16.66	16.62	16.63	16.66	16.67	17.50	
		DFT-s-OFDM 16QAM	1	1	16.62	16.51	16.40	16.75	16.64	16.74	17.50
		DFT-s-OFDM 64QAM	1	1	16.69	16.67	16.64	16.73	16.85	16.85	17.50
		DFT-s-OFDM 256QAM	1	1	16.59	16.47	16.76	16.72	16.70	16.83	17.50
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
					649668	652200	654734	657268	659800	662332	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.63	16.53	16.44	16.62	16.45	16.62	17.50

Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649334	652000	654668	657334	660000	662666	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.64	16.46	16.68	16.73	16.54	16.57	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648668	651600	654534	657468	660400	663332	
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.65	16.58	16.47	16.57	16.70	16.62	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
50MHz	30kHz	DFT-s-OFDM QPSK	135	138	16.47	16.60	16.75	16.58	16.52	16.66	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.41	16.53	16.67	16.53	16.47	16.59	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.36	16.44	16.61	16.44	16.37	16.49	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.45	16.54	16.68	16.53	16.47	16.59	17.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.52	16.63	16.76	16.58	16.52	16.69	17.50

Table 24: Conducted Power of NR

12.7 Conducted Power of NR Antenna (Ant8)

N77 Receiver off&Hotspot off					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	16.59	16.90	17.03	17.28	17.61	17.82	18.50
			1	137	16.75	17.16	17.46	17.66	17.83	17.88	18.50
			1	271	16.88	17.49	17.89	17.81	17.85	17.49	18.50
			135	0	16.68	16.89	17.27	17.58	17.79	17.78	18.50
			135	69	16.78	17.03	17.35	17.66	17.80	17.81	18.50
			135	138	16.76	17.27	17.57	17.79	17.87	17.78	18.50
			270	0	16.70	17.14	17.41	17.65	17.85	17.86	18.50
		DFT-s-OFDM QPSK	1	1	16.64	16.98	17.11	17.37	17.70	17.88	18.50
			1	137	16.81	17.21	17.57	17.74	17.92	17.96	18.50
			1	271	16.94	17.59	18.00	17.87	17.93	17.60	18.50
			135	0	16.73	17.00	17.33	17.63	17.84	17.88	18.50
			135	69	16.86	17.12	17.46	17.71	17.89	17.92	18.50
			135	138	16.85	17.38	17.68	17.87	17.95	17.85	18.50
			270	0	16.80	17.20	17.52	17.74	17.91	17.94	18.50
		DFT-s-OFDM 16QAM	1	1	17.09	17.98	18.16	18.35	18.32	18.00	18.50
		DFT-s-OFDM 64QAM	1	1	16.90	17.74	17.86	18.05	18.11	17.72	18.50
		DFT-s-OFDM 256QAM	1	1	17.04	17.83	17.95	18.14	18.19	17.81	18.50
		Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.62	18.02	18.13	18.22	18.15	18.26	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.22	18.06	18.03	18.41	18.37	18.09	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.91	18.24	18.21	18.39	18.17	18.23	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.64	18.05	18.11	18.21	18.25	18.19	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.84	18.19	18.33	18.38	18.23	18.11	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.74	18.08	18.24	18.32	18.15	18.05	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.68	18.00	18.14	18.27	18.05	17.96	18.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	16.59	17.91	18.04	18.20	17.98	17.90	18.50

N77 Receiver on&Hotspot on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	13.64	13.94	13.98	14.25	14.54	14.69	15.50
			1	137	13.80	14.15	14.49	14.74	14.79	14.81	15.50
			1	271	13.86	14.54	14.70	14.80	14.79	14.54	15.50
			135	0	13.72	14.01	14.17	14.48	14.73	14.73	15.50
			135	69	13.89	14.14	14.42	14.77	14.80	14.92	15.50

			135	138	13.87	14.34	14.64	14.79	14.87	14.74	15.50
			270	0	13.78	14.18	14.51	14.65	14.79	14.83	15.50
		DFT-s-OFDM QPSK	1	1	13.70	13.99	14.06	14.32	14.61	14.79	15.50
			1	137	13.90	14.25	14.54	14.80	14.85	14.89	15.50
			1	271	13.91	14.60	14.77	14.91	14.90	14.60	15.50
			135	0	13.78	14.07	14.28	14.58	14.81	14.83	15.50
			135	69	13.96	14.22	14.53	14.85	14.89	15.00	15.50
			135	138	13.95	14.43	14.75	14.88	14.96	14.79	15.50
			270	0	13.85	14.24	14.57	14.73	14.87	14.88	15.50
			DFT-s-OFDM 16QAM	1	1	13.85	14.28	14.58	14.79	14.94	14.91
		DFT-s-OFDM 64QAM	1	1	13.89	14.31	14.56	14.82	14.95	14.89	15.50
		DFT-s-OFDM 256QAM	1	1	13.91	14.33	14.63	14.79	14.92	14.98	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649668	Channel 652200	Channel 654734	Channel 657268	Channel 659800	Channel 662332	Tune up
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.56	14.45	14.47	14.52	14.56	14.71	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.56	14.69	14.66	14.57	14.69	14.64	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.48	14.71	14.57	14.48	14.49	14.71	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.62	14.44	14.52	14.52	14.58	14.69	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.54	14.34	14.41	14.44	14.49	14.62	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.44	14.29	14.31	14.33	14.41	14.53	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647168	Channel 650700	Channel 654232	Channel 657768	Channel 661300	Channel 664832	Tune up
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.52	14.38	14.42	14.42	14.52	14.58	15.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel 647000	Channel 650600	Channel 654200	Channel 657800	Channel 661400	Channel 665000	Tune up
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	14.57	14.47	14.50	14.49	14.60	14.64	15.50

Table 25: Conducted Power of NR

12.8 Conducted Power of NR Antenna (Ant12)

N77 Full power					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.66	23.61	23.78	23.96	23.91	25.50
			1	137	23.50	23.59	23.89	23.97	24.10	24.09	25.50
			1	271	23.71	23.85	23.95	23.99	24.01	23.79	25.50
			135	0	22.59	22.50	22.72	22.90	22.99	22.95	24.50
			135	69	23.45	23.61	23.89	23.98	23.93	24.03	25.50
			135	138	22.54	22.75	22.96	23.07	23.06	22.98	24.50
			270	0	22.49	22.71	22.84	22.99	23.05	23.03	24.50
		DFT-s-OFDM QPSK	1	1	23.65	23.77	23.72	23.85	24.05	24.02	25.50
			1	137	23.57	23.68	23.94	24.05	24.06	24.03	25.50
			1	271	23.78	23.90	24.05	24.08	24.07	23.89	25.50
			135	0	22.67	22.61	22.79	22.97	23.05	23.05	24.50
			135	69	23.84	23.72	23.95	24.05	24.03	24.09	25.50
			135	138	22.64	22.85	23.06	23.12	23.14	23.05	24.50
		270	0	22.54	22.79	22.89	23.04	23.12	23.10	24.50	
		DFT-s-OFDM 16QAM	1	1	22.80	23.05	23.02	23.06	23.05	23.05	24.50
		DFT-s-OFDM 64QAM	1	1	21.15	21.50	21.95	21.96	21.99	21.80	23.00
		DFT-s-OFDM 256QAM	1	1	19.05	19.08	19.14	19.28	19.35	19.12	21.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649668	652200	654734	657268	659800	662332	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.71	23.78	23.65	23.81	23.75	23.71	25.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649334	652000	654668	657334	660000	662666	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.68	23.63	23.51	23.54	23.61	23.66	25.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648668	651600	654534	657468	660400	663332	
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.71	23.60	23.51	23.57	23.54	23.65	25.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	23.98	23.69	23.75	23.91	23.89	23.88	25.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	24.15	24.11	24.09	24.19	24.11	24.16	25.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	24.15	24.21	24.25	24.19	24.07	24.10	25.50

					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	20.49	20.45	20.47	20.38	20.58	20.37	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	20.42	20.37	20.40	20.33	20.51	20.32	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	20.51	20.44	20.47	20.38	20.57	20.40	21.50
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	

N77 Sensor on&Hotspot on					Conducted Power(dBm)						
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					650000	652400	654800	657200	659600	662000	
100MHz	30kHz	DFT-s-OFDM PI/2 BPSK	1	1	17.07	17.04	17.04	17.14	17.02	17.04	19.00
			1	137	17.19	17.33	17.09	17.19	17.37	17.40	19.00
			1	271	17.09	17.25	17.02	16.98	17.06	17.05	19.00
			135	0	17.18	17.19	17.30	17.13	17.16	17.21	19.00
			135	69	17.20	17.35	17.15	17.41	17.26	16.98	19.00
			135	138	17.12	17.08	17.20	17.18	17.24	17.20	19.00
			270	0	17.10	17.27	17.54	16.92	16.93	17.18	19.00
		DFT-s-OFDM QPSK	1	1	17.17	17.14	17.13	17.25	17.12	17.10	19.00
			1	137	17.29	17.38	17.18	17.28	17.47	17.51	19.00
			1	271	17.16	17.35	17.13	17.09	17.17	17.11	19.00
			135	0	17.26	17.30	17.35	17.20	17.21	17.26	19.00
			135	69	17.25	17.42	17.20	17.47	17.33	17.07	19.00
		135	138	17.20	17.16	17.28	17.23	17.33	17.31	19.00	
		270	0	17.19	17.32	17.65	17.02	17.03	17.24	19.00	
		DFT-s-OFDM 16QAM	1	137	17.43	17.61	17.49	17.24	17.58	17.58	19.00
		DFT-s-OFDM 64QAM	1	137	17.50	17.59	17.36	17.47	17.57	17.46	19.00
DFT-s-OFDM 256QAM	1	137	17.15	17.16	17.15	17.27	17.08	17.27	19.00		
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649668	652200	654734	657268	659800	662332	
90MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.27	17.28	17.33	17.32	17.05	17.09	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					649334	652000	654668	657334	660000	662666	
80MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.31	17.30	17.08	17.05	17.04	17.23	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648668	651600	654534	657468	660400	663332	
60MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.25	17.35	17.31	17.13	17.19	17.16	19.00

Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648334	651400	654468	657534	660600	663666	
50MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.08	17.31	17.05	17.28	17.10	17.11	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					648000	651200	654400	657600	660800	664000	
40MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.01	17.22	17.20	17.19	17.02	17.03	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647334	650800	654268	657734	661200	664666	
20MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.10	17.14	17.19	17.12	17.00	17.23	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647168	650700	654232	657768	661300	664832	
15MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.04	17.22	17.22	17.22	17.01	17.05	19.00
Bandwidth	SCS	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
					647000	650600	654200	657800	661400	665000	
10MHz	30kHz	DFT-s-OFDM QPSK	1	1	17.13	17.28	17.08	17.32	17.11	17.15	19.00

Table 26: Conducted Power of NR

13 Conducted Power of WiFi and Bluetooth

13.1 Conducted Power of WiFi

WIFI 2.4G Receiver Off						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	21.06	21.50	Yes
	6	2437		20.72	21.50	No
	11	2462		20.53	21.50	No
802.11g	1	2412	6	16.95	17.50	No
	6	2437		16.82	17.50	No
	11	2462		16.58	17.50	No
802.11n HT20	1	2412	6.5	15.64	16.50	No
	6	2437		15.49	16.50	No
	11	2462		15.32	16.50	No
802.11n HT40	3	2422	13.5	11.85	12.50	No
	6	2437		11.32	12.50	No
	9	2452		11.64	12.50	No
802.11ax HT20	1	2412	MCS0	14.87	15.50	No
	6	2437		14.73	15.50	No
	11	2462		14.66	15.50	No
802.11ax HT40	3	2422	MCS0	11.39	12.50	No
	6	2437		10.77	12.50	No
	9	2452		11.13	12.50	No
802.11ax20	26Tone	2412	MCS0	13.76	15.50	No
		2437		13.64	15.50	No
		2462		14.81	15.50	No
	52Tone	2412		14.11	15.50	No
		2437		13.61	15.50	No
		2462		14.40	15.50	No
	106Tone	2412		14.05	15.50	No
		2437		13.66	15.50	No
		2462		14.36	15.50	No
	242Tone	2412		14.80	15.50	No
		2437		14.73	15.50	No
		2462		14.56	15.50	No
802.11ax40	242Tone	2422	MCS0	12.33	12.50	No
		2437		11.52	12.50	No
		2452		11.71	12.50	No
	484Tone	2422	MCS0	11.94	12.50	No
		2437		11.51	12.50	No
		2452		11.15	12.50	No

WIFI 2.4G Receiver On						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	18.45	19.00	Yes
	6	2437		18.29	19.00	Yes
	11	2462		18.14	19.00	Yes
802.11g	1	2412	6	16.05	16.50	No
	6	2437		15.87	16.50	No
	11	2462		15.63	16.50	No
802.11n HT20	1	2412	6.5	15.64	16.50	No
	6	2437		15.49	16.50	No
	11	2462		15.32	16.50	No
802.11n HT40	3	2422	13.5	11.85	12.50	No
	6	2437		11.32	12.50	No
	9	2452		11.64	12.50	No
802.11ax HT20	1	2412	MCS0	14.87	15.50	No
	6	2437		14.73	15.50	No
	11	2462		14.66	15.50	No
802.11ax HT40	3	2422	MCS0	11.39	12.50	No
	6	2437		10.77	12.50	No
	9	2452		11.13	12.50	No
802.11ax20	26Tone	2412	MCS0	13.76	15.50	No
		2437		13.64	15.50	No
		2462		14.81	15.50	No
	52Tone	2412		14.11	15.50	No
		2437		13.61	15.50	No
		2462		14.40	15.50	No
	106Tone	2412		14.05	15.50	No
		2437		13.66	15.50	No
		2462		14.36	15.50	No
	242Tone	2412		14.80	15.50	No
		2437		14.73	15.50	No
		2462		14.56	15.50	No
802.11ax40	242Tone	2422	MCS0	12.33	12.50	No
		2437		11.52	12.50	No
		2452		11.71	12.50	No
	484Tone	2422	MCS0	11.94	12.50	No
		2437		11.51	12.50	No
		2452		11.15	12.50	No

WIFI 2.4G Receiver On+WWAN						
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11b	1	2412	1	16.58	17.00	Yes
	6	2437		16.22	17.00	No
	11	2462		16.08	17.00	No
802.11g	1	2412	6	16.05	16.50	No
	6	2437		15.87	16.50	No
	11	2462		15.63	16.50	No
802.11n HT20	1	2412	6.5	15.64	16.50	No
	6	2437		15.49	16.50	No
	11	2462		15.32	16.50	No
802.11n HT40	3	2422	13.5	11.85	12.50	No
	6	2437		11.32	12.50	No
	9	2452		11.64	12.50	No
802.11ax HT20	1	2412	MCS0	14.87	15.50	No
	6	2437		14.73	15.50	No
	11	2462		14.66	15.50	No
802.11ax HT40	3	2422	MCS0	11.39	12.50	No
	6	2437		10.77	12.50	No
	9	2452		11.13	12.50	No
802.11ax20	26Tone	2412	MCS0	13.76	15.50	No
		2437		13.64	15.50	No
		2462		14.81	15.50	No
	52Tone	2412		14.11	15.50	No
		2437		13.61	15.50	No
		2462		14.40	15.50	No
	106Tone	2412		14.05	15.50	No
		2437		13.66	15.50	No
		2462		14.36	15.50	No
	242Tone	2412		14.80	15.50	No
		2437		14.73	15.50	No
		2462		14.56	15.50	No
802.11ax40	242Tone	2422	MCS0	12.33	12.50	No
		2437		11.52	12.50	No
		2452		11.71	12.50	No
	484Tone	2422	MCS0	11.94	12.50	No
		2437		11.51	12.50	No
		2452		11.15	12.50	No

WIFI 5G Receiver Off								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11a	U-NII-1	36	5180	6	18.86	19.50	Yes	
		40	5200		18.59	19.50	No	
		44	5220		18.66	19.50	No	
		48	5240		18.52	19.50	No	
	U-NII-2A	52	5260		17.49	18.50	No	
		56	5280		17.46	18.50	No	
		60	5300		17.48	18.50	No	
		64	5320		17.77	18.50	Yes	
	U-NII-2C	100	5500		18.89	19.50	No	
		104	5520		19.02	19.50	No	
		108	5540		19.15	19.50	No	
		112	5560		18.61	19.50	No	
		116	5580		18.89	19.50	No	
		120	5600		19.27	19.50	Yes	
		124	5620		18.92	19.50	No	
		128	5640		19.00	19.50	No	
		132	5660		18.91	19.50	No	
		136	5680		18.79	19.50	No	
	U-NII-3	140	5700		18.54	19.50	No	
		144	5720		18.24	19.50	No	
149		5745	18.73	19.50	Yes			
153		5765	18.44	19.50	No			
157		5785	18.52	19.50	No			
161		5805	18.31	19.50	No			
		165	5825	18.24	19.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n-HT20	U-NII-1	36	5180	MCS0	17.32	18.50	No	
		40	5200		17.20	18.50	No	
		44	5220		17.29	18.50	No	
		48	5240		17.28	18.50	No	
	U-NII-2A	52	5260		17.26	18.50	No	
		56	5280		17.22	18.50	No	
		60	5300		17.22	18.50	No	
		64	5320		17.46	18.50	No	
	U-NII-2C	100	5500		17.60	18.50	No	
		104	5520		17.78	18.50	No	
		108	5540		17.90	18.50	No	
		112	5560		17.42	18.50	No	
		116	5580		17.68	18.50	No	
		120	5600		17.66	18.50	No	
		124	5620		17.74	18.50	No	
		128	5640		17.79	18.50	No	
		132	5660		17.72	18.50	No	
		136	5680		17.55	18.50	No	
			140		5700	17.28	18.50	No
			144		5720	17.04	18.50	No

		149	5745		18.52	19.50	No		
		153	5765		18.24	19.50	No		
		157	5785		18.28	19.50	No		
		161	5805		18.05	19.50	No		
		165	5825		17.96	19.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test		
802.11n-HT40	U-NII-1	38	5190	MCS0	13.53	14.50	No		
		46	5230		13.53	14.50	No		
	U-NII-2A	54	5270		13.48	14.50	No		
		62	5310		13.68	14.50	No		
	U-NII-2C	102	5510		13.71	14.50	No		
		110	5550		13.89	14.50	No		
		118	5590		13.80	14.50	No		
		126	5630		13.82	14.50	No		
		134	5670		13.68	14.50	No		
		142	5710		13.36	14.50	No		
	U-NII-3	151	5755		16.68	17.50	No		
		159	5795		16.69	17.50	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ac-20	U-NII-1	36		5180	MCS0	17.40	18.50	No
40			5200	17.25	18.50		No		
44			5220	17.29	18.50		No		
48			5240	17.31	18.50		No		
U-NII-2A		52	5260	17.20	18.50		No		
		56	5280	17.24	18.50		No		
		60	5300	17.19	18.50		No		
		64	5320	17.40	18.50		No		
U-NII-2C		100	5500	17.65	18.50		No		
		104	5520	17.82	18.50		No		
		108	5540	17.95	18.50		No		
		112	5560	17.56	18.50		No		
		116	5580	17.69	18.50		No		
		120	5600	17.67	18.50		No		
		124	5620	17.75	18.50		No		
		128	5640	17.84	18.50		No		
		132	5660	17.75	18.50		No		
		136	5680	17.59	18.50		No		
U-NII-3		140	5700	17.33	18.50		No		
		144	5720	17.08	18.50		No		
		149	5745	17.53	18.50		No		
		153	5765	17.23	18.50		No		
		157	5785	17.42	18.50		No		
		161	5805	17.21	18.50		No		
		165	5825	17.02	18.50		No		
		5GHz	mode	Channel	Frequency(MHz)		Data Rate(Mbps)	Average Power (dBm)	Tune up

802.11ac-40	U-NII-1	38	5190	MCS0	13.44	14.50	No
		46	5230		13.45	14.50	No
	U-NII-2A	54	5270		13.49	14.50	No
		62	5310		13.60	14.50	No
	U-NII-2C	102	5510		13.81	14.50	No
		110	5550		13.79	14.50	No
		118	5590		13.73	14.50	No
		126	5630		13.80	14.50	No
		134	5670		13.72	14.50	No
		142	5710		13.24	14.50	No
	U-NII-3	151	5755		16.52	17.50	No
		159	5795		16.60	17.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac 80M	U-NII-1	42	5210	MCS0	12.55	13.50	No
	U-NII-2A	58	5290		12.44	13.50	No
	U-NII-2C	106	5530		12.90	13.50	No
		122	5610		12.81	13.50	No
		138	5690		12.47	13.50	No
	U-NII-3	155	5775		12.61	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax-20	U-NII-1	36	5180	MCS0	17.51	18.50	No
		40	5200		17.35	18.50	No
		44	5220		17.42	18.50	No
		48	5240		17.41	18.50	No
	U-NII-2A	52	5260		17.32	18.50	No
		56	5280		17.33	18.50	No
		60	5300		17.31	18.50	No
		64	5320		17.57	18.50	No
	U-NII-2C	100	5500		17.79	18.50	No
		104	5520		17.96	18.50	No
		108	5540		18.12	18.50	No
		112	5560		17.71	18.50	No
		116	5580		17.90	18.50	No
		120	5600		17.83	18.50	No
		124	5620		17.82	18.50	No
		128	5640		17.93	18.50	No
		132	5660		17.83	18.50	No
		136	5680		17.72	18.50	No
	140	5700	17.45		18.50	No	
	144	5720	17.17		18.50	No	
	U-NII-3	149	5745		17.66	18.50	No
		153	5765		17.32	18.50	No
		157	5785		17.56	18.50	No
		161	5805		17.30	18.50	No
165		5825	17.13	18.50	No		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test		
802.11ax-40	U-NII-1	38	5190	MCS0	13.08	14.50	No		
		46	5230		13.12	14.50	No		
	U-NII-2A	54	5270		13.20	14.50	No		
		62	5310		13.31	14.50	No		
	U-NII-2C	102	5510		13.45	14.50	No		
		110	5550		13.48	14.50	No		
		118	5590		13.41	14.50	No		
		126	5630		13.46	14.50	No		
		134	5670		13.28	14.50	No		
		142	5710		12.99	14.50	No		
	U-NII-3	151	5755		16.29	17.50	No		
		159	5795		16.35	17.50	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ax 80M	U-NII-1	42		5210	MCS0	10.31	11.50	No
U-NII-2A		58	5290	10.18	11.50		No		
U-NII-2C		106	5530	10.76	11.50		No		
		122	5610	10.68	11.50		No		
138		5690	10.47	11.50	No				
U-NII-3		155	5775	10.56	11.50		No		
802.11ax-20	RU26	36	5180	MCS0	9.79	11.50	No		
		40	5200		9.53	11.50	No		
		44	5220		9.49	11.50	No		
		48	5240		9.62	11.50	No		
	RU52	36	5180		9.50	11.50	No		
		40	5200		9.47	11.50	No		
		44	5220		9.28	11.50	No		
		48	5240		9.54	11.50	No		
	RU106	36	5180		9.99	11.50	No		
		40	5200		9.90	11.50	No		
		44	5220		9.75	11.50	No		
		48	5240		9.81	11.50	No		
	RU242	36	5180		10.31	11.50	No		
		40	5200		10.26	11.50	No		
		44	5220		10.17	11.50	No		
		48	5240		10.36	11.50	No		
	RU26	52	5260		9.54	11.50	No		
		56	5280		9.64	11.50	No		
		60	5300		9.54	11.50	No		
		64	5320		9.71	11.50	No		
	RU52	52	5260		9.49	11.50	No		
		56	5280		9.58	11.50	No		
		60	5300		9.64	11.50	No		
		64	5320		9.58	11.50	No		
	RU106	52	5260		9.93	11.50	No		
		56	5280		10.09	11.50	No		
		60	5300		10.11	11.50	No		
		64	5320		10.06	11.50	No		

	RU242	52	5260	10.35	11.50	No	
		56	5280	10.51	11.50	No	
		60	5300	10.39	11.50	No	
		64	5320	10.39	11.50	No	
	RU26	100	5500	9.76	11.50	No	
		104	5520	9.96	11.50	No	
		108	5540	10.15	11.50	No	
		112	5560	9.92	11.50	No	
		116	5580	9.88	11.50	No	
		120	5600	9.84	11.50	No	
		124	5620	9.99	11.50	No	
		128	5640	9.81	11.50	No	
		132	5660	9.82	11.50	No	
		136	5680	9.76	11.50	No	
		140	5700	9.81	11.50	No	
		144	5720	9.67	11.50	No	
		RU52	100	5500	9.73	11.50	No
			104	5520	9.93	11.50	No
	108		5540	10.00	11.50	No	
	112		5560	9.25	11.50	No	
	116		5580	9.79	11.50	No	
	120		5600	9.90	11.50	No	
	124		5620	9.85	11.50	No	
	128		5640	9.92	11.50	No	
	132		5660	9.88	11.50	No	
	136		5680	9.77	11.50	No	
	140		5700	9.86	11.50	No	
	144		5720	9.60	11.50	No	
	RU106		100	5500	10.13	11.50	No
			104	5520	10.19	11.50	No
		108	5540	10.55	11.50	No	
		112	5560	9.52	11.50	No	
		116	5580	10.05	11.50	No	
		120	5600	10.11	11.50	No	
		124	5620	10.30	11.50	No	
		128	5640	10.08	11.50	No	
		132	5660	10.16	11.50	No	
		136	5680	10.19	11.50	No	
		140	5700	9.94	11.50	No	
		144	5720	9.97	11.50	No	
		RU242	100	5500	10.08	11.50	No
			104	5520	10.34	11.50	No
	108		5540	10.62	11.50	No	
	112		5560	9.74	11.50	No	
	116		5580	10.42	11.50	No	
	120		5600	10.39	11.50	No	
	124		5620	10.42	11.50	No	
	128		5640	10.38	11.50	No	
	132		5660	10.35	11.50	No	
	136		5680	10.40	11.50	No	
140	5700		10.07	11.50	No		
144	5720		9.89	11.50	No		
RU26	149		5745	10.30	11.50	No	
	153		5765	10.16	11.50	No	

		157	5785		9.39	11.50	No		
		161	5805		9.15	11.50	No		
		165	5825		9.10	11.50	No		
	RU52	149	5745		10.28	11.50	No		
		153	5765		9.96	11.50	No		
		157	5785		9.26	11.50	No		
		161	5805		9.06	11.50	No		
		165	5825		8.99	11.50	No		
	RU106	149	5745		10.57	11.50	No		
		153	5765		10.23	11.50	No		
		157	5785		9.71	11.50	No		
		161	5805		9.48	11.50	No		
		165	5825		9.46	11.50	No		
	RU242	149	5745		10.65	11.50	No		
		153	5765		10.49	11.50	No		
		157	5785		9.78	11.50	No		
		161	5805		9.59	11.50	No		
		165	5825		9.55	11.50	No		
	802.11ax-40	RU242	38		5190	MCS0	13.94	14.50	No
			46		5230		14.17	14.50	No
RU484		38	5190	13.90	14.50		No		
		46	5230	13.88	14.50		No		
RU242		54	5270	13.84	14.50		No		
		62	5310	14.34	14.50		No		
RU484		54	5270	13.88	14.50		No		
		62	5310	14.14	14.50		No		
RU242		102	5510	14.09	14.50		No		
		110	5550	14.17	14.50		No		
		118	5590	14.13	14.50		No		
		126	5630	14.40	14.50		No		
		134	5670	14.15	14.50		No		
		142	5710	14.35	14.50		No		
RU484		102	5510	14.31	14.50		No		
		110	5550	14.11	14.50		No		
		118	5590	14.21	14.50		No		
		126	5630	14.19	14.50		No		
		134	5670	14.14	14.50		No		
		142	5710	13.88	14.50		No		
RU242	151	5755	17.35	17.50	No				
	159	5795	16.99	17.50	No				
RU484	151	5755	16.88	17.50	No				
	159	5795	16.71	17.50	No				
802.11ax-80	RU484	42	5210	MCS0	11.81	12.50	No		
		58	5290		11.36	12.50	No		
	RU996	42	5210		11.34	12.50	No		
		58	5290		11.14	12.50	No		
	RU484	106	5530		11.93	12.50	No		
		122	5610		11.92	12.50	No		

		138	5690		12.01	12.50	No
	RU996	106	5530		11.74	12.50	No
		122	5610		11.57	12.50	No
		138	5690		11.46	12.50	No
		RU484	155	5775		12.25	12.50
	RU996	155	5775		11.56	12.50	No

WIFI 5G Receiver On							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11a	U-NII-1	36	5180	6	16.93	17.50	No
		40	5200		16.65	17.50	No
		44	5220		16.71	17.50	No
		48	5240		16.57	17.50	No
	U-NII-2A	52	5260		16.47	17.50	No
		56	5280		16.48	17.50	No
		60	5300		16.49	17.50	Yes
		64	5320		16.79	17.50	Yes
	U-NII-2C	100	5500		17.93	18.50	No
		104	5520		18.01	18.50	No
		108	5540		18.00	18.50	No
		112	5560		17.63	18.50	No
		116	5580		18.04	18.50	Yes
		120	5600		17.86	18.50	No
		124	5620		17.94	18.50	No
		128	5640		18.03	18.50	Yes
		132	5660		17.88	18.50	No
		136	5680		17.80	18.50	No
	U-NII-3	140	5700		17.58	18.50	No
		144	5720		17.24	18.50	No
149		5745	18.73	19.50	Yes		
153		5765	18.44	19.50	No		
157		5785	18.52	19.50	Yes		
161		5805	18.31	19.50	No		
		165	5825		18.24	19.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT20	U-NII-1	36	5180	MCS0	16.34	17.50	No
		40	5200		16.20	17.50	No
		44	5220		16.28	17.50	No
		48	5240		16.29	17.50	No
	U-NII-2A	52	5260		17.25	17.50	No
		56	5280		17.23	17.50	No
		60	5300		17.22	17.50	No
		64	5320		17.47	17.50	No
	U-NII-2C	100	5500		17.60	18.50	No
		104	5520		17.78	18.50	No
		108	5540		17.90	18.50	No
		112	5560		17.42	18.50	No
		116	5580		17.68	18.50	No

		120	5600		17.66	18.50	No
		124	5620		17.74	18.50	No
		128	5640		17.79	18.50	No
		132	5660		17.72	18.50	No
		136	5680		17.55	18.50	No
		140	5700		17.28	18.50	No
		144	5720		17.04	18.50	No
	U-NII-3	149	5745		18.52	19.50	No
		153	5765		18.24	19.50	No
		157	5785		18.28	19.50	No
		161	5805		18.05	19.50	No
		165	5825		17.96	19.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	13.53	14.50	No
		46	5230		13.53	14.50	No
	U-NII-2A	54	5270		13.48	14.50	No
		62	5310		13.68	14.50	No
	U-NII-2C	102	5510		13.71	14.50	No
		110	5550		13.89	14.50	No
		118	5590		13.80	14.50	No
		126	5630		13.82	14.50	No
		134	5670		13.68	14.50	No
		142	5710		13.36	14.50	No
	U-NII-3	151	5755		16.68	17.50	No
		159	5795		16.69	17.50	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	16.43	17.50	No
		40	5200		16.23	17.50	No
		44	5220		16.31	17.50	No
		48	5240		16.32	17.50	No
	U-NII-2A	52	5260		16.21	17.50	No
		56	5280		16.24	17.50	No
		60	5300		16.20	17.50	No
		64	5320		16.41	17.50	No
	U-NII-2C	100	5500		17.65	18.50	No
		104	5520		17.82	18.50	No
		108	5540		17.95	18.50	No
		112	5560		17.56	18.50	No
		116	5580		17.69	18.50	No
		120	5600		17.67	18.50	No
		124	5620		17.75	18.50	No
		128	5640		17.84	18.50	No
		132	5660		17.75	18.50	No
		136	5680		17.59	18.50	No
		140	5700		17.33	18.50	No
		144	5720		17.08	18.50	No
	U-NII-3	149	5745		17.53	18.50	No

		153	5765		17.23	18.50	No		
		157	5785		17.42	18.50	No		
		161	5805		17.21	18.50	No		
		165	5825		17.02	18.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test		
802.11ac-40	U-NII-1	38	5190	MCS0	13.44	14.50	No		
		46	5230		13.45	14.50	No		
	U-NII-2A	54	5270		13.49	14.50	No		
		62	5310		13.60	14.50	No		
	U-NII-2C	102	5510		13.81	14.50	No		
		110	5550		13.79	14.50	No		
		118	5590		13.73	14.50	No		
		126	5630		13.80	14.50	No		
		134	5670		13.72	14.50	No		
		142	5710		13.24	14.50	No		
	U-NII-3	151	5755		16.52	17.50	No		
		159	5795		16.60	17.50	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ac 80M	U-NII-1	42		5210	MCS0	12.55	13.50	No
U-NII-2A		58	5290	12.44	13.50		No		
U-NII-2C		106	5530	12.90	13.50		No		
		122	5610	12.81	13.50		No		
		138	5690	12.47	13.50		No		
U-NII-3		155	5775	12.61	13.50		No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test		
802.11ax-20	U-NII-1	36	5180	MCS0	16.51	17.50	No		
		40	5200		16.36	17.50	No		
		44	5220		16.43	17.50	No		
		48	5240		16.41	17.50	No		
	U-NII-2A	52	5260		16.30	17.50	No		
		56	5280		16.38	17.50	No		
		60	5300		16.32	17.50	No		
		64	5320		16.58	17.50	No		
	U-NII-2C	100	5500		17.79	18.50	No		
		104	5520		17.96	18.50	No		
		108	5540		18.12	18.50	No		
		112	5560		17.71	18.50	No		
		116	5580		17.90	18.50	No		
		120	5600		17.83	18.50	No		
		124	5620		17.82	18.50	No		
		128	5640		17.93	18.50	No		
		132	5660		17.83	18.50	No		
		136	5680		17.72	18.50	No		
		140	5700		17.45	18.50	No		
	U-NII-3	144	5720		17.17	18.50	No		
		149	5745		17.66	18.50	No		

		153	5765		17.32	18.50	No		
		157	5785		17.56	18.50	No		
		161	5805		17.30	18.50	No		
		165	5825		17.13	18.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test		
802.11ax-40	U-NII-1	38	5190	MCS0	13.08	14.50	No		
		46	5230		13.12	14.50	No		
	U-NII-2A	54	5270		13.20	14.50	No		
		62	5310		13.31	14.50	No		
	U-NII-2C	102	5510		13.45	14.50	No		
		110	5550		13.48	14.50	No		
		118	5590		13.41	14.50	No		
		126	5630		13.46	14.50	No		
		134	5670		13.28	14.50	No		
		142	5710		12.99	14.50	No		
	U-NII-3	151	5755		16.29	17.50	No		
		159	5795		16.35	17.50	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
	802.11ax 80M	U-NII-1	42		5210	MCS0	10.31	11.50	No
U-NII-2A		58	5290	10.18	11.50		No		
U-NII-2C		106	5530	10.76	11.50		No		
		122	5610	10.68	11.50		No		
U-NII-3		138	5690	10.47	11.50		No		
		155	5775	10.56	11.50		No		
802.11ax-20	RU26	36	5180	MCS0	9.79	11.50	No		
		40	5200		9.53	11.50	No		
		44	5220		9.49	11.50	No		
		48	5240		9.62	11.50	No		
	RU52	36	5180		9.50	11.50	No		
		40	5200		9.47	11.50	No		
		44	5220		9.28	11.50	No		
		48	5240		9.54	11.50	No		
	RU106	36	5180		9.99	11.50	No		
		40	5200		9.90	11.50	No		
		44	5220		9.75	11.50	No		
		48	5240		9.81	11.50	No		
	RU242	36	5180		10.31	11.50	No		
		40	5200		10.26	11.50	No		
		44	5220		10.17	11.50	No		
		48	5240		10.36	11.50	No		
	RU26	52	5260		9.54	11.50	No		
		56	5280		9.64	11.50	No		
		60	5300		9.54	11.50	No		
		64	5320		9.71	11.50	No		
	RU52	52	5260		9.49	11.50	No		
		56	5280		9.58	11.50	No		
		60	5300		9.64	11.50	No		
		64	5320		9.58	11.50	No		

RU106	52	5260	9.93	11.50	No
	56	5280	10.09	11.50	No
	60	5300	10.11	11.50	No
	64	5320	10.06	11.50	No
RU242	52	5260	10.35	11.50	No
	56	5280	10.51	11.50	No
	60	5300	10.39	11.50	No
	64	5320	10.39	11.50	No
RU26	100	5500	9.76	11.50	No
	104	5520	9.96	11.50	No
	108	5540	10.15	11.50	No
	112	5560	9.92	11.50	No
	116	5580	9.88	11.50	No
	120	5600	9.84	11.50	No
	124	5620	9.99	11.50	No
	128	5640	9.81	11.50	No
	132	5660	9.82	11.50	No
	136	5680	9.76	11.50	No
	140	5700	9.81	11.50	No
	144	5720	9.67	11.50	No
RU52	100	5500	9.73	11.50	No
	104	5520	9.93	11.50	No
	108	5540	10.00	11.50	No
	112	5560	9.25	11.50	No
	116	5580	9.79	11.50	No
	120	5600	9.90	11.50	No
	124	5620	9.85	11.50	No
	128	5640	9.92	11.50	No
	132	5660	9.88	11.50	No
	136	5680	9.77	11.50	No
	140	5700	9.86	11.50	No
	144	5720	9.60	11.50	No
RU106	100	5500	10.13	11.50	No
	104	5520	10.19	11.50	No
	108	5540	10.55	11.50	No
	112	5560	9.52	11.50	No
	116	5580	10.05	11.50	No
	120	5600	10.11	11.50	No
	124	5620	10.30	11.50	No
	128	5640	10.08	11.50	No
	132	5660	10.16	11.50	No
	136	5680	10.19	11.50	No
	140	5700	9.94	11.50	No
	144	5720	9.97	11.50	No
RU242	100	5500	10.08	11.50	No
	104	5520	10.34	11.50	No
	108	5540	10.62	11.50	No
	112	5560	9.74	11.50	No
	116	5580	10.42	11.50	No
	120	5600	10.39	11.50	No
	124	5620	10.42	11.50	No
	128	5640	10.38	11.50	No
	132	5660	10.35	11.50	No
	136	5680	10.40	11.50	No

		140	5700		10.07	11.50	No
		144	5720		9.89	11.50	No
	RU26	149	5745		10.30	11.50	No
		153	5765		10.16	11.50	No
		157	5785		9.39	11.50	No
		161	5805		9.15	11.50	No
		165	5825		9.10	11.50	No
		149	5745		10.28	11.50	No
	RU52	153	5765		9.96	11.50	No
		157	5785		9.26	11.50	No
		161	5805		9.06	11.50	No
		165	5825		8.99	11.50	No
		149	5745		10.57	11.50	No
	RU106	153	5765		10.23	11.50	No
		157	5785		9.71	11.50	No
		161	5805		9.48	11.50	No
		165	5825		9.46	11.50	No
		149	5745		10.65	11.50	No
	RU242	153	5765		10.49	11.50	No
		157	5785		9.78	11.50	No
161		5805	9.59	11.50	No		
165		5825	9.55	11.50	No		
802.11ax-40		RU242	38	5190	MCS0	13.94	14.50
	46		5230	14.17		14.50	No
	RU484	38	5190	13.90		14.50	No
		46	5230	13.88		14.50	No
	RU242	54	5270	13.84		14.50	No
		62	5310	14.34		14.50	No
	RU484	54	5270	13.88		14.50	No
		62	5310	14.14		14.50	No
	RU242	102	5510	14.09		14.50	No
		110	5550	14.17		14.50	No
		118	5590	14.13		14.50	No
		126	5630	14.40		14.50	No
		134	5670	14.15		14.50	No
		142	5710	14.35		14.50	No
	RU484	102	5510	14.31		14.50	No
		110	5550	14.11		14.50	No
		118	5590	14.21		14.50	No
		126	5630	14.19		14.50	No
		134	5670	14.14		14.50	No
		142	5710	13.88		14.50	No
RU242	151	5755	17.35	17.50	No		
	159	5795	16.99	17.50	No		
RU484	151	5755	16.88	17.50	No		
	159	5795	16.71	17.50	No		
802.11ax-80	RU484	42	5210	MCS0	11.81	12.50	No
		58	5290		11.36	12.50	No
	RU996	42	5210		11.34	12.50	No

	RU484	58	5290		11.14	12.50	No
		106	5530		11.93	12.50	No
		122	5610		11.92	12.50	No
		138	5690		12.01	12.50	No
	RU996	106	5530		11.74	12.50	No
		122	5610		11.57	12.50	No
		138	5690		11.46	12.50	No
	RU484	155	5775		12.25	12.50	No
RU996	155	5775	11.56	12.50	No		

WIFI 5G Receiver On(WWAN+WiFi 5G/WWAN+WiFi 5G+BT/WiFi 5G+BT)								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11a	U-NII-1	36	5180	6	13.92	14.50	No	
		40	5200		13.63	14.50	No	
		44	5220		13.69	14.50	No	
		48	5240		13.62	14.50	No	
	U-NII-2A	52	5260		13.40	14.50	No	
		56	5280		13.49	14.50	No	
		60	5300		13.50	14.50	No	
		64	5320		13.86	14.50	Yes	
	U-NII-2C	100	5500		14.93	15.50	No	
		104	5520		15.03	15.50	No	
		108	5540		15.02	15.50	No	
		112	5560		14.63	15.50	No	
		116	5580		15.09	15.50	Yes	
		120	5600		14.92	15.50	No	
		124	5620		14.89	15.50	No	
		128	5640		15.02	15.50	No	
		132	5660		14.80	15.50	No	
		136	5680		14.83	15.50	No	
	U-NII-3	140	5700		14.62	15.50	No	
		144	5720		14.20	15.50	No	
		149	5745		15.87	16.50	Yes	
		153	5765		15.46	16.50	No	
		157	5785		15.47	16.50	No	
			161		5805	15.32	16.50	No
		165	5825	15.25	16.50	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test	
802.11n-HT20	U-NII-1	36	5180	MCS0	13.26	14.50	No	
		40	5200		13.17	14.50	No	
		44	5220		13.28	14.50	No	
		48	5240		13.29	14.50	No	
	U-NII-2A	52	5260		14.26	14.50	No	
		56	5280		14.24	14.50	No	
		60	5300		14.21	14.50	No	
			64		5320	14.56	14.50	No
	U-NII-2C	100	5500		14.59	15.50	No	

		104	5520		14.84	15.50	No
		108	5540		14.83	15.50	No
		112	5560		14.36	15.50	No
		116	5580		14.65	15.50	No
		120	5600		14.67	15.50	No
		124	5620		14.70	15.50	No
		128	5640		14.72	15.50	No
		132	5660		14.72	15.50	No
		136	5680		14.52	15.50	No
		140	5700		14.36	15.50	No
		144	5720		14.04	15.50	No
	U-NII-3	149	5745		15.55	16.50	No
		153	5765		15.18	16.50	No
		157	5785		15.25	16.50	No
		161	5805		15.09	16.50	No
		165	5825		14.97	16.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	13.01	14.00	No
		46	5230		13.06	14.00	No
	U-NII-2A	54	5270		12.95	14.00	No
		62	5310		13.20	14.00	No
	U-NII-2C	102	5510		13.71	14.50	No
		110	5550		13.89	14.50	No
		118	5590		13.80	14.50	No
		126	5630		13.82	14.50	No
		134	5670		13.68	14.50	No
	U-NII-3	142	5710		13.36	14.50	No
		151	5755		15.23	16.00	No
	159	5795	15.12		16.00	No	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	13.36	14.50	No
		40	5200		13.29	14.50	No
		44	5220		13.37	14.50	No
		48	5240		13.25	14.50	No
	U-NII-2A	52	5260		13.19	14.50	No
		56	5280		13.29	14.50	No
		60	5300		13.20	14.50	No
	U-NII-2C	64	5320		13.37	14.50	No
		100	5500		14.69	15.50	No
		104	5520		14.84	15.50	No
		108	5540		14.89	15.50	No
		112	5560		14.59	15.50	No
		116	5580		14.65	15.50	No
		120	5600		14.73	15.50	No
	124	5620	14.83		15.50	No	
	128	5640	14.86		15.50	No	
	132	5660	14.69		15.50	No	

		136	5680		14.59	15.50	No
		140	5700		14.37	15.50	No
		144	5720		14.03	15.50	No
	U-NII-3	149	5745		14.51	15.50	No
		153	5765		14.23	15.50	No
		157	5785		14.37	15.50	No
		161	5805		14.16	15.50	No
		165	5825		13.95	15.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ac-40	U-NII-1	38	5190	MCS0	12.88	14.00	No
		46	5230		12.96	14.00	No
	U-NII-2A	54	5270		13.03	14.00	No
		62	5310		13.08	14.00	No
	U-NII-2C	102	5510		13.81	14.50	No
		110	5550		13.79	14.50	No
		118	5590		13.73	14.50	No
		126	5630		13.80	14.50	No
		134	5670		13.72	14.50	No
		142	5710		13.24	14.50	No
	U-NII-3	151	5755		15.09	16.00	No
		159	5795		15.16	16.00	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	12.55	13.50	No
	U-NII-2A	58	5290		12.44	13.50	No
	U-NII-2C	106	5530		12.90	13.50	No
		122	5610		12.81	13.50	No
		138	5690		12.47	13.50	No
	U-NII-3	155	5775		12.61	13.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax-20	U-NII-1	36	5180	MCS0	13.52	14.50	No
		40	5200		13.37	14.50	No
		44	5220		13.40	14.50	No
		48	5240		13.41	14.50	No
	U-NII-2A	52	5260		13.32	14.50	No
		56	5280		13.32	14.50	No
		60	5300		13.32	14.50	No
	U-NII-2C	64	5320		13.53	14.50	No
		100	5500		14.79	15.50	No
		104	5520		15.01	15.50	No
		108	5540		15.09	15.50	No
		112	5560		14.64	15.50	No
		116	5580		14.91	15.50	No
		120	5600		14.80	15.50	No
	U-NII-2C	124	5620		14.89	15.50	No
		128	5640		14.96	15.50	No
		132	5660		14.86	15.50	No

		136	5680		14.73	15.50	No
		140	5700		14.43	15.50	No
		144	5720		14.17	15.50	No
	U-NII-3	149	5745		14.69	15.50	No
		153	5765		14.30	15.50	No
		157	5785		14.59	15.50	No
		161	5805		14.27	15.50	No
		165	5825		14.09	15.50	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax-40	U-NII-1	38	5190	MCS0	13.08	14.50	No
		46	5230		13.12	14.50	No
	U-NII-2A	54	5270		13.20	14.50	No
		62	5310		13.31	14.50	No
	U-NII-2C	102	5510		13.45	14.50	No
		110	5550		13.48	14.50	No
		118	5590		13.41	14.50	No
		126	5630		13.46	14.50	No
		134	5670		13.28	14.50	No
	U-NII-3	142	5710		12.99	14.50	No
		151	5755		14.82	16.00	No
			159		5795	14.86	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	SAR Test
802.11ax 80M	U-NII-1	42	5210	MCS0	10.31	11.50	No
	U-NII-2A	58	5290		10.18	11.50	No
	U-NII-2C	106	5530		10.76	11.50	No
		122	5610		10.68	11.50	No
		138	5690		10.47	11.50	No
	U-NII-3	155	5775		10.56	11.50	No
802.11ax-20	RU26	36	5180	MCS0	9.79	11.50	No
		40	5200		9.53	11.50	No
		44	5220		9.49	11.50	No
		48	5240		9.62	11.50	No
	RU52	36	5180		9.50	11.50	No
		40	5200		9.47	11.50	No
		44	5220		9.28	11.50	No
		48	5240		9.54	11.50	No
	RU106	36	5180		9.99	11.50	No
		40	5200		9.90	11.50	No
		44	5220		9.75	11.50	No
		48	5240		9.81	11.50	No
	RU242	36	5180		10.31	11.50	No
		40	5200		10.26	11.50	No
		44	5220		10.17	11.50	No
		48	5240		10.36	11.50	No
	RU26	52	5260		9.54	11.50	No
		56	5280		9.64	11.50	No
		60	5300		9.54	11.50	No
		64	5320		9.71	11.50	No

RU52	52	5260	9.49	11.50	No
	56	5280	9.58	11.50	No
	60	5300	9.64	11.50	No
	64	5320	9.58	11.50	No
RU106	52	5260	9.93	11.50	No
	56	5280	10.09	11.50	No
	60	5300	10.11	11.50	No
	64	5320	10.06	11.50	No
RU242	52	5260	10.35	11.50	No
	56	5280	10.51	11.50	No
	60	5300	10.39	11.50	No
	64	5320	10.39	11.50	No
RU26	100	5500	9.76	11.50	No
	104	5520	9.96	11.50	No
	108	5540	10.15	11.50	No
	112	5560	9.92	11.50	No
	116	5580	9.88	11.50	No
	120	5600	9.84	11.50	No
	124	5620	9.99	11.50	No
	128	5640	9.81	11.50	No
	132	5660	9.82	11.50	No
	136	5680	9.76	11.50	No
	140	5700	9.81	11.50	No
	144	5720	9.67	11.50	No
RU52	100	5500	9.73	11.50	No
	104	5520	9.93	11.50	No
	108	5540	10.00	11.50	No
	112	5560	9.25	11.50	No
	116	5580	9.79	11.50	No
	120	5600	9.90	11.50	No
	124	5620	9.85	11.50	No
	128	5640	9.92	11.50	No
	132	5660	9.88	11.50	No
	136	5680	9.77	11.50	No
	140	5700	9.86	11.50	No
	144	5720	9.60	11.50	No
RU106	100	5500	10.13	11.50	No
	104	5520	10.19	11.50	No
	108	5540	10.55	11.50	No
	112	5560	9.52	11.50	No
	116	5580	10.05	11.50	No
	120	5600	10.11	11.50	No
	124	5620	10.30	11.50	No
	128	5640	10.08	11.50	No
	132	5660	10.16	11.50	No
	136	5680	10.19	11.50	No
	140	5700	9.94	11.50	No
	144	5720	9.97	11.50	No
RU242	100	5500	10.08	11.50	No
	104	5520	10.34	11.50	No
	108	5540	10.62	11.50	No
	112	5560	9.74	11.50	No
	116	5580	10.42	11.50	No
	120	5600	10.39	11.50	No

		124	5620		10.42	11.50	No	
		128	5640		10.38	11.50	No	
		132	5660		10.35	11.50	No	
		136	5680		10.40	11.50	No	
		140	5700		10.07	11.50	No	
		144	5720		9.89	11.50	No	
	RU26	149	5745		10.30	11.50	No	
		153	5765		10.16	11.50	No	
		157	5785		9.39	11.50	No	
		161	5805		9.15	11.50	No	
		165	5825		9.10	11.50	No	
	RU52	149	5745		10.28	11.50	No	
		153	5765		9.96	11.50	No	
		157	5785		9.26	11.50	No	
		161	5805		9.06	11.50	No	
		165	5825		8.99	11.50	No	
	RU106	149	5745		10.57	11.50	No	
		153	5765		10.23	11.50	No	
		157	5785		9.71	11.50	No	
		161	5805		9.48	11.50	No	
		165	5825		9.46	11.50	No	
	RU242	149	5745		10.65	11.50	No	
		153	5765		10.49	11.50	No	
		157	5785		9.78	11.50	No	
		161	5805		9.59	11.50	No	
		165	5825		9.55	11.50	No	
	802.11ax-40	RU242	38		5190	13.94	14.50	No
			46		5230	14.17	14.50	No
		RU484	38		5190	13.90	14.50	No
			46		5230	13.88	14.50	No
		RU242	54		5270	13.84	14.50	No
			62		5310	14.34	14.50	No
		RU484	54		5270	13.88	14.50	No
			62		5310	14.14	14.50	No
		RU242	102		5510	14.09	14.50	No
			110		5550	14.17	14.50	No
			118		5590	14.13	14.50	No
			126		5630	14.40	14.50	No
			134		5670	14.15	14.50	No
			142		5710	14.35	14.50	No
		RU484	102		5510	14.31	14.50	No
			110		5550	14.11	14.50	No
			118		5590	14.21	14.50	No
			126		5630	14.19	14.50	No
			134		5670	14.14	14.50	No
			142		5710	13.88	14.50	No
	RU242	151	5755		15.87	16.00	No	
		159	5795		15.53	16.00	No	
	RU484	151	5755		15.38	16.00	No	
		159	5795		15.17	16.00	No	

802.11ax-80	RU484	42	5210	MCS0	11.81	12.50	No
		58	5290		11.36	12.50	No
	RU996	42	5210		11.34	12.50	No
		58	5290		11.14	12.50	No
	RU484	106	5530		11.93	12.50	No
		122	5610		11.92	12.50	No
		138	5690		12.01	12.50	No
	RU996	106	5530		11.74	12.50	No
		122	5610		11.57	12.50	No
		138	5690		11.46	12.50	No
	RU484	155	5775		12.25	12.50	No
	RU996	155	5775		11.56	12.50	No

Table 27: Conducted Power of WIFI

13.2 Conducted Power of Bluetooth

BT0(Ant7)		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	17.02	17.43	16.78	18.00
	$\pi/4$ DQPSK	13.70	14.21	13.20	15.00
	8DPSK	13.68	14.20	13.01	15.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.67	8.40	7.52	9.00
BLE 2M	GFSK	4.85	5.64	4.52	6.00

BT1(Ant9)		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	10.27	10.99	9.08	11.00
	$\pi/4$ DQPSK	7.38	8.11	7.65	9.00
	8DPSK	7.39	8.11	7.01	9.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.24	7.85	7.21	9.00
BLE 2M	GFSK	4.44	5.05	4.21	6.00

BT0(Ant7)+WWAN/ BT0(Ant7)+WWAN+WIFI 5G		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	14.08	14.52	13.76	15.00
	$\pi/4$ DQPSK	13.70	14.21	13.20	15.00
	8DPSK	13.68	14.20	13.01	15.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	7.67	8.40	7.52	9.00
BLE 2M	GFSK	4.85	5.64	4.52	6.00

Table 28: Conducted Power of Bluetooth