

# Appendix E

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# 1 Conducted Power of GSM

## 1.1 Conducted Power of GSM850

GSM 850 Ant.0 Full power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	33.19	33.28	33.28	34.00	-9.19	24.00	24.09	24.09	24.81
GPRS (GMSK)	1 TX Slot	33.22	33.26	33.25	34.00	-9.19	24.03	24.07	24.06	24.81
	2 TX Slots	32.13	32.22	32.16	33.00	-6.18	25.95	26.04	25.98	26.82
	3 TX Slots	29.95	30.03	30.00	31.00	-4.42	25.53	25.61	25.58	26.58
	4 TX Slots	28.81	28.99	28.96	30.00	-3.17	25.64	25.82	25.79	<b>26.83</b>
EGPRS (GMSK)	1 TX Slot	33.18	33.32	33.30	34.00	-9.19	23.99	24.13	24.11	24.81
	2 TX Slots	32.09	32.26	32.12	33.00	-6.18	25.91	26.08	25.94	26.82
	3 TX Slots	29.99	30.02	30.01	31.00	-4.42	25.57	25.60	25.59	26.58
	4 TX Slots	28.87	28.82	28.92	30.00	-3.17	25.70	25.65	25.75	26.83
EGPRS (8PSK)	1 TX Slot	26.67	26.65	26.83	28.00	-9.19	17.48	17.46	17.64	18.81
	2 TX Slots	25.28	25.16	25.38	27.00	-6.18	19.10	18.98	19.20	20.82
	3 TX Slots	23.79	23.81	24.01	24.50	-4.42	19.37	19.39	19.59	20.08
	4 TX Slots	22.20	22.12	22.34	23.00	-3.17	19.03	18.95	19.17	19.83

## 1.2 Conducted Power of GSM1900

GSM 1900 Ant.3 Full power										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	30.42	30.45	30.41	31.00	-9.19	21.23	21.26	21.22	21.81
GPRS (GMSK)	1 TX Slot	30.37	30.40	30.36	31.00	-9.19	21.18	21.21	21.17	21.81
	2 TX Slots	29.37	29.41	29.38	30.00	-6.18	23.19	23.23	23.20	<b>23.82</b>
	3 TX Slots	26.81	26.92	26.84	27.50	-4.42	22.39	22.50	22.42	23.08
	4 TX Slots	25.80	26.05	25.97	26.50	-3.17	22.63	22.88	22.80	23.33
EGPRS (GMSK)	1 TX Slot	30.46	30.38	30.42	31.00	-9.19	21.27	21.19	21.23	21.81
	2 TX Slots	29.38	29.48	29.43	30.00	-6.18	23.20	23.30	23.25	23.82
	3 TX Slots	26.78	26.94	26.82	27.50	-4.42	22.36	22.52	22.40	23.08
	4 TX Slots	25.78	26.11	26.00	26.50	-3.17	22.61	22.94	22.83	23.33
EGPRS (8PSK)	1 TX Slot	26.19	26.44	26.33	27.00	-9.19	17.00	17.25	17.14	17.81
	2 TX Slots	25.33	25.50	25.46	26.00	-6.18	19.15	19.32	19.28	19.82
	3 TX Slots	22.88	23.17	22.89	23.50	-4.42	18.46	18.75	18.47	19.08
	4 TX Slots	21.47	21.76	21.45	22.00	-3.17	18.30	18.59	18.28	18.83

GSM 1900 Ant.3 EC13_Receiver on										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	23.58	23.65	23.62	24.50	-9.19	14.39	14.46	14.43	15.31
GPRS (GMSK)	1 TX Slot	23.50	23.64	23.52	24.50	-9.19	14.31	14.45	14.33	15.31
	2 TX Slots	22.62	22.74	22.65	23.50	-6.18	16.44	16.56	16.47	<b>17.32</b>
	3 TX Slots	19.93	20.17	20.14	21.00	-4.42	15.51	15.75	15.72	16.58
	4 TX Slots	18.96	19.07	19.01	20.00	-3.17	15.79	15.90	15.84	16.83
EGPRS (GMSK)	1 TX Slot	23.58	23.62	23.54	24.50	-9.19	14.39	14.43	14.35	15.31
	2 TX Slots	22.54	22.60	22.58	23.50	-6.18	16.36	16.42	16.40	17.32
	3 TX Slots	20.00	20.09	20.05	21.00	-4.42	15.58	15.67	15.63	16.58
	4 TX Slots	18.95	19.11	19.11	20.00	-3.17	15.78	15.94	15.94	16.83
EGPRS (8PSK)	1 TX Slot	19.58	19.61	19.57	20.50	-9.19	10.39	10.42	10.38	11.31
	2 TX Slots	18.52	18.60	18.48	19.50	-6.18	12.34	12.42	12.30	13.32
	3 TX Slots	16.06	16.15	16.13	17.00	-4.42	11.64	11.73	11.71	12.58
	4 TX Slots	14.56	14.65	14.49	15.50	-3.17	11.39	11.48	11.32	12.33

GSM 1900 Ant.3 EC14_Hotspot on										
		Burst Output Power(dBm)				Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.89	28.09	28.07	29.00	-9.19	18.70	18.90	18.88	19.81
GPRS (GMSK)	1 TX Slot	28.08	27.98	28.02	29.00	-9.19	18.89	18.79	18.83	19.81
	2 TX Slots	27.09	27.15	27.11	28.00	-6.18	20.91	20.97	20.93	<b>21.82</b>
	3 TX Slots	24.47	24.58	24.41	25.50	-4.42	20.05	20.16	19.99	21.08
	4 TX Slots	23.42	23.56	23.54	24.50	-3.17	20.25	20.39	20.37	21.33
EGPRS (GMSK)	1 TX Slot	27.96	28.00	28.03	29.00	-9.19	18.77	18.81	18.84	19.81
	2 TX Slots	27.06	27.05	27.09	28.00	-6.18	20.88	20.87	20.91	21.82
	3 TX Slots	24.58	24.51	24.53	25.50	-4.42	20.16	20.09	20.11	21.08
	4 TX Slots	23.51	23.58	23.55	24.50	-3.17	20.34	20.41	20.38	21.33
EGPRS (8PSK)	1 TX Slot	23.98	24.01	23.95	25.00	-9.19	14.79	14.82	14.76	15.81
	2 TX Slots	22.93	23.05	23.02	24.00	-6.18	16.75	16.87	16.84	17.82
	3 TX Slots	20.57	20.58	20.54	21.50	-4.42	16.15	16.16	16.12	17.08
	4 TX Slots	18.93	19.13	18.98	20.00	-3.17	15.76	15.96	15.81	16.83

GSM 1900 Ant.3 ECI1_Sensor on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	29.58	29.55	29.45	30.50	-9.19	20.39	20.36	20.26	21.31
GPRS (GMSK)	1 TX Slot	29.46	29.49	29.43	30.50	-9.19	20.27	20.30	20.24	21.31
	2 TX Slots	28.62	28.66	28.57	29.50	-6.18	22.44	22.48	22.39	<b>23.32</b>
	3 TX Slots	26.09	26.04	26.05	27.00	-4.42	21.67	21.62	21.63	22.58
	4 TX Slots	25.11	25.00	24.90	26.00	-3.17	21.94	21.83	21.73	22.83
EGPRS (GMSK)	1 TX Slot	29.51	29.58	29.53	30.50	-9.19	20.32	20.39	20.34	21.31
	2 TX Slots	28.56	28.64	28.52	29.50	-6.18	22.38	22.46	22.34	23.32
	3 TX Slots	25.93	26.11	25.93	27.00	-4.42	21.51	21.69	21.51	22.58
	4 TX Slots	25.01	25.13	24.95	26.00	-3.17	21.84	21.96	21.78	22.83
EGPRS (8PSK)	1 TX Slot	25.53	25.57	25.49	26.50	-9.19	16.34	16.38	16.30	17.31
	2 TX Slots	24.50	24.61	24.51	25.50	-6.18	18.32	18.43	18.33	19.32
	3 TX Slots	21.92	21.99	21.88	23.00	-4.42	17.50	17.57	17.46	18.58
	4 TX Slots	20.49	20.55	20.38	21.50	-3.17	17.32	17.38	17.21	18.33

## 2 Conducted Power of WCDMA

### 2.1 Conducted Power of WCDMA II

WCDMA Band II Ant.3 Full power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	24.28	24.35	24.14	25.00
	12.2kbps AMR	24.15	24.13	24.06	25.00
HSDPA	Subtest 1	23.20	23.27	23.08	24.00
	Subtest 2	23.11	23.27	23.31	24.00
	Subtest 3	22.63	22.56	22.57	23.50
	Subtest 4	22.58	22.52	22.67	23.50
HSUPA	Subtest 1	20.97	20.93	21.08	22.00
	Subtest 2	20.94	20.94	20.99	22.00
	Subtest 3	22.17	22.16	22.07	23.00
	Subtest 4	20.60	20.50	20.54	21.50
	Subtest 5	22.17	22.22	22.20	23.00
DC-HSDPA	Subtest 1	23.20	23.09	23.05	24.00
	Subtest 2	23.13	23.16	23.19	24.00
	Subtest 3	22.56	22.66	22.60	23.50
	Subtest 4	22.55	22.62	22.58	23.50
DC-HSUPA	Subtest 1	21.00	21.08	20.99	22.00
	Subtest 2	20.87	20.96	21.08	22.00
	Subtest 3	22.23	22.16	22.22	23.00
	Subtest 4	20.52	20.67	20.66	21.50
	Subtest 5	22.25	22.22	22.21	23.00
HSPA+	16QAM	21.21	21.25	21.28	22.00

WCDMA Band II Ant.3 ECI3_Receiver on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	15.04	15.11	15.06	16.00
	12.2kbps AMR	15.01	15.07	14.97	16.00
HSDPA	Subtest 1	13.87	14.05	13.95	15.00
	Subtest 2	13.89	14.01	13.94	15.00
	Subtest 3	13.47	13.42	13.52	14.50
	Subtest 4	13.34	13.54	13.51	14.50
HSUPA	Subtest 1	11.88	11.99	12.04	13.00
	Subtest 2	11.87	12.09	11.89	13.00
	Subtest 3	12.94	12.92	12.86	14.00

	Subtest 4	11.49	11.46	11.42	12.50
	Subtest 5	12.91	12.95	12.87	14.00
DC-HSDPA	Subtest 1	13.95	14.00	14.02	15.00
	Subtest 2	13.91	14.02	13.98	15.00
	Subtest 3	13.34	13.45	13.45	14.50
	Subtest 4	13.45	13.58	13.47	14.50
DC-HSUPA	Subtest 1	12.02	11.96	11.98	13.00
	Subtest 2	11.88	12.02	12.01	13.00
	Subtest 3	12.91	13.11	12.88	14.00
	Subtest 4	11.49	11.59	11.49	12.50
	Subtest 5	12.96	13.07	13.04	14.00
HSPA+	16QAM	11.92	11.96	11.90	13.00

WCDMA Band II Ant.3 ECI4_Hotspot on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.53	19.59	19.51	20.50
	12.2kbps AMR	19.46	19.51	19.44	20.50
HSDPA	Subtest 1	18.49	18.40	18.40	19.50
	Subtest 2	18.45	18.44	18.50	19.50
	Subtest 3	18.02	17.93	18.00	19.00
	Subtest 4	17.83	18.07	17.84	19.00
HSUPA	Subtest 1	16.34	16.52	16.46	17.50
	Subtest 2	16.42	16.48	16.41	17.50
	Subtest 3	17.35	17.50	17.36	18.50
	Subtest 4	16.00	15.99	15.85	17.00
	Subtest 5	17.39	17.52	17.42	18.50
DC-HSDPA	Subtest 1	18.41	18.54	18.33	19.50
	Subtest 2	18.47	18.52	18.33	19.50
	Subtest 3	17.93	18.02	18.00	19.00
	Subtest 4	17.98	17.99	17.96	19.00
DC-HSUPA	Subtest 1	16.35	16.49	16.50	17.50
	Subtest 2	16.34	16.47	16.47	17.50
	Subtest 3	17.38	17.57	17.46	18.50
	Subtest 4	15.93	15.93	15.86	17.00
	Subtest 5	17.38	17.52	17.38	18.50
HSPA+	16QAM	16.43	16.42	16.34	17.50

WCDMA Band II ECI1_Sensor on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.64	21.69	21.60	22.50
	12.2kbps AMR	21.55	21.62	21.49	22.50
HSDPA	Subtest 1	20.45	20.60	20.49	21.50
	Subtest 2	20.55	20.63	20.48	21.50
	Subtest 3	20.11	20.17	20.03	21.00
	Subtest 4	20.01	20.18	19.91	21.00
HSUPA	Subtest 1	18.58	18.54	18.58	19.50
	Subtest 2	18.59	18.50	18.56	19.50
	Subtest 3	19.44	19.65	19.55	20.50
	Subtest 4	17.94	17.99	18.09	19.00
	Subtest 5	19.45	19.60	19.51	20.50
DC-HSDPA	Subtest 1	20.57	20.68	20.50	21.50
	Subtest 2	20.56	20.67	20.54	21.50
	Subtest 3	20.06	20.08	20.02	21.00
	Subtest 4	20.13	20.09	20.08	21.00
DC-HSUPA	Subtest 1	18.48	18.50	18.58	19.50
	Subtest 2	18.45	18.54	18.60	19.50
	Subtest 3	19.54	19.57	19.51	20.50
	Subtest 4	18.06	18.15	17.98	19.00
	Subtest 5	19.49	19.53	19.54	20.50
HSPA+	16QAM	18.46	18.61	18.52	19.50



## 2.2 Conducted Power of WCDMA V

WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.65	23.91	23.70	24.50
	12.2kbps AMR	23.74	23.70	23.62	24.50
HSDPA	Subtest 1	22.79	22.83	22.73	23.50
	Subtest 2	22.74	22.85	22.86	23.50
	Subtest 3	22.25	22.22	22.17	23.00
	Subtest 4	22.15	22.18	22.29	23.00
HSUPA	Subtest 1	20.65	20.55	20.70	21.50
	Subtest 2	20.55	20.60	20.68	21.50
	Subtest 3	21.83	21.72	21.75	22.50
	Subtest 4	20.19	20.18	20.16	21.00
	Subtest 5	21.80	21.78	21.86	22.50
DC-HSDPA	Subtest 1	22.80	22.73	22.71	23.50
	Subtest 2	22.72	22.83	22.83	23.50
	Subtest 3	22.20	22.22	22.18	23.00
	Subtest 4	22.14	22.20	22.22	23.00
DC-HSUPA	Subtest 1	20.58	20.66	20.65	21.50
	Subtest 2	20.53	20.63	20.65	21.50
	Subtest 3	21.79	21.76	21.84	22.50
	Subtest 4	20.12	20.24	20.26	21.00
	Subtest 5	21.85	21.79	21.85	22.50
HSPA+	16QAM	20.88	20.85	20.92	21.50

## 3 Conducted Power of LTE

### 3.1 Conducted Power of LTE Band 2

LTE Band 2 Ant.3 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	24.07	23.99	24.16	25.00
		1	2	24.08	23.97	24.00	25.00
		1	5	23.96	24.11	24.10	25.00
		3	0	24.05	23.96	24.06	25.00
		3	2	24.11	24.05	24.15	25.00
		3	3	24.02	23.98	24.04	25.00
		6	0	23.07	23.18	23.06	24.00
	16QAM	1	0	23.28	23.35	23.40	24.00
		1	2	23.33	23.48	23.58	24.00
		1	5	23.25	23.26	23.34	24.00
		3	0	23.06	23.05	22.93	24.00
		3	2	23.13	23.18	23.10	24.00
		3	3	23.14	23.01	23.08	24.00
		6	0	22.04	22.20	22.06	23.00
	64QAM	1	0	21.94	21.93	21.83	23.00
		1	2	21.74	21.88	21.89	23.00
		1	5	22.33	22.12	22.32	23.00
		3	0	22.07	22.14	21.99	23.00
		3	2	22.11	22.04	22.12	23.00
		3	3	22.17	21.97	21.96	23.00
		6	0	21.06	21.12	21.00	22.00
	256QAM	1	0	18.87	18.96	19.05	20.00
		1	2	18.88	18.90	18.96	20.00
		1	5	19.14	19.16	19.12	20.00
3		0	18.92	18.91	18.85	20.00	
3		2	18.73	18.63	18.67	20.00	
3		3	18.65	18.83	18.83	20.00	
6		0	19.09	19.10	18.96	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK			18615	18900	19185	
		1	0	24.00	24.29	24.21	25.00
		1	7	24.16	23.91	24.14	25.00
		1	14	24.06	24.04	24.07	25.00

		8	0	23.03	22.96	23.14	24.00
		8	4	23.10	23.07	22.90	24.00
		8	7	23.19	23.06	22.95	24.00
		15	0	23.14	23.06	23.11	24.00
	16QAM	1	0	23.25	23.31	23.27	24.00
		1	7	23.37	23.47	23.62	24.00
		1	14	23.41	23.41	23.45	24.00
		8	0	22.20	22.11	22.19	23.00
		8	4	22.26	22.15	22.22	23.00
		8	7	22.21	22.04	22.15	23.00
		15	0	22.06	22.13	22.13	23.00
	64QAM	1	0	22.02	21.99	21.79	23.00
		1	7	21.80	21.81	21.85	23.00
		1	14	22.32	22.30	22.32	23.00
		8	0	21.20	21.21	21.14	22.00
		8	4	21.09	21.22	21.06	22.00
		8	7	21.03	21.11	20.96	22.00
		15	0	21.15	21.03	21.10	22.00
	256QAM	1	0	19.01	18.93	18.94	20.00
		1	7	18.98	18.96	18.88	20.00
		1	14	19.15	19.20	19.21	20.00
		8	0	18.86	18.94	18.92	20.00
		8	4	18.66	18.72	18.67	20.00
		8	7	18.72	18.61	18.77	20.00
15		0	18.96	19.06	19.08	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.97	24.27	24.22	25.00
		1	13	24.21	23.98	24.14	25.00
		1	24	24.10	24.09	24.05	25.00
		12	0	23.10	23.00	23.11	24.00
		12	6	23.14	23.13	22.96	24.00
		12	13	23.18	23.00	23.07	24.00
		25	0	23.09	23.07	23.04	24.00
	16QAM	1	0	23.26	23.27	23.31	24.00
		1	13	23.39	23.52	23.50	24.00
		1	24	23.42	23.35	23.45	24.00
		12	0	22.21	22.03	22.11	23.00
		12	6	22.18	22.16	22.35	23.00
		12	13	22.21	22.02	22.12	23.00

	64QAM	25	0	22.10	22.22	22.09	23.00
		1	0	21.96	22.03	21.79	23.00
		1	13	21.82	21.77	21.92	23.00
		1	24	22.28	22.23	22.21	23.00
		12	0	21.29	21.24	21.24	22.00
		12	6	21.10	21.23	21.10	22.00
		12	13	21.07	21.06	21.01	22.00
		25	0	21.15	21.06	21.11	22.00
	256QAM	1	0	19.05	19.00	19.08	20.00
		1	13	19.02	18.99	18.78	20.00
		1	24	19.25	19.20	19.12	20.00
		12	0	18.86	18.89	18.83	20.00
		12	6	18.76	18.73	18.71	20.00
		12	13	18.74	18.66	18.74	20.00
25	0	19.08	19.02	19.10	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.98	24.18	24.18	25.00
		1	25	24.11	24.02	24.07	25.00
		1	49	24.10	24.09	24.07	25.00
		25	0	23.04	22.90	23.18	24.00
		25	13	23.12	23.14	22.93	24.00
		25	25	23.20	23.06	22.98	24.00
		50	0	23.17	23.12	23.02	24.00
	16QAM	1	0	23.26	23.39	23.33	24.00
		1	25	23.45	23.50	23.52	24.00
		1	49	23.40	23.46	23.35	24.00
		25	0	22.28	22.05	22.25	23.00
		25	13	22.20	22.26	22.25	23.00
		25	25	22.21	22.07	22.18	23.00
		50	0	22.15	22.21	22.13	23.00
	64QAM	1	0	22.00	22.09	21.83	23.00
		1	25	21.83	21.83	21.87	23.00
		1	49	22.36	22.26	22.31	23.00
		25	0	21.19	21.21	21.20	22.00
		25	13	21.16	21.28	21.09	22.00
		25	25	21.11	21.09	21.08	22.00
		50	0	21.09	21.04	21.09	22.00
	256QAM	1	0	18.98	18.96	19.06	20.00
		1	25	19.09	19.02	18.76	20.00

		1	49	19.14	19.20	19.19	20.00
		25	0	18.88	18.82	18.80	20.00
		25	13	18.72	18.65	18.69	20.00
		25	25	18.80	18.61	18.77	20.00
		50	0	19.05	19.06	19.04	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	24.06	24.16	24.22	25.00
		1	38	24.11	23.91	24.20	25.00
		1	74	24.12	24.11	24.10	25.00
		36	0	23.05	22.93	23.21	24.00
		36	18	23.08	23.12	23.00	24.00
		36	39	23.11	22.99	23.00	24.00
		75	0	23.16	23.06	23.09	24.00
	16QAM	1	0	23.18	23.33	23.36	24.00
		1	38	23.44	23.53	23.53	24.00
		1	74	23.37	23.43	23.35	24.00
		36	0	22.27	22.09	22.19	23.00
		36	18	22.18	22.19	22.35	23.00
		36	39	22.17	22.05	22.16	23.00
		75	0	22.14	22.22	22.18	23.00
	64QAM	1	0	21.95	22.04	21.77	23.00
		1	38	21.83	21.81	21.94	23.00
		1	74	22.31	22.34	22.19	23.00
		36	0	21.19	21.19	21.23	22.00
		36	18	21.16	21.17	21.11	22.00
		36	39	21.14	21.03	21.09	22.00
		75	0	21.18	21.05	21.00	22.00
	256QAM	1	0	19.05	18.95	18.99	20.00
		1	38	19.00	19.01	18.86	20.00
		1	74	19.25	19.11	19.22	20.00
		36	0	18.83	18.91	18.86	20.00
		36	18	18.71	18.74	18.74	20.00
		36	39	18.84	18.61	18.79	20.00
		75	0	18.98	19.11	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	24.05	24.37	24.23	25.00
		1	50	24.15	23.97	24.08	25.00
		1	99	24.10	23.99	24.02	25.00

		50	0	23.10	23.33	23.11	24.00
		50	25	23.15	23.03	22.93	24.00
		50	50	23.13	23.12	23.02	24.00
		100	0	23.15	23.29	22.99	24.00
	16QAM	1	0	23.20	23.31	23.32	24.00
		1	50	23.46	23.47	23.54	24.00
		1	99	23.33	23.43	23.41	24.00
		50	0	22.25	22.06	22.13	23.00
		50	25	22.23	22.19	22.30	23.00
		50	50	22.20	21.99	22.12	23.00
		100	0	22.17	22.18	22.11	23.00
	64QAM	1	0	21.98	22.01	21.87	23.00
		1	50	21.78	21.80	21.98	23.00
		1	99	22.28	22.33	22.24	23.00
		50	0	21.19	21.30	21.16	22.00
		50	25	21.09	21.27	21.09	22.00
		50	50	21.10	20.99	20.98	22.00
		100	0	21.08	21.11	21.03	22.00
	256QAM	1	0	19.01	19.02	18.95	20.00
		1	50	19.10	19.04	18.80	20.00
		1	99	19.18	19.09	19.15	20.00
		50	0	18.94	18.86	18.82	20.00
		50	25	18.64	18.76	18.73	20.00
		50	50	18.72	18.60	18.72	20.00
		100	0	19.03	18.99	19.06	20.00

LTE Band 2 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.14	16.07	16.21	17.00
		1	2	16.14	16.19	16.17	17.00
		1	5	16.11	16.08	16.19	17.00
		3	0	16.10	16.18	16.20	17.00
		3	2	16.09	16.08	16.03	17.00
		3	3	16.06	16.13	16.17	17.00
		6	0	16.07	16.15	16.15	17.00
	16QAM	1	0	16.15	16.09	16.05	17.00
		1	2	16.04	16.17	16.10	17.00
		1	5	16.04	16.04	16.15	17.00

		3	0	16.10	16.10	16.17	17.00
		3	2	16.19	16.20	16.20	17.00
		3	3	16.02	16.16	16.16	17.00
		6	0	16.05	16.01	16.18	17.00
	64QAM	1	0	16.13	16.13	16.20	17.00
		1	2	16.12	16.13	16.03	17.00
		1	5	16.07	16.25	16.03	17.00
		3	0	16.10	16.12	16.06	17.00
		3	2	16.06	16.18	16.09	17.00
		3	3	16.00	16.23	16.10	17.00
		6	0	16.18	16.09	16.16	17.00
	256QAM	1	0	16.00	16.19	16.17	17.00
		1	2	16.19	16.20	16.23	17.00
		1	5	16.17	16.23	16.22	17.00
		3	0	16.19	16.13	16.11	17.00
		3	2	16.04	16.23	16.10	17.00
		3	3	16.10	16.20	16.05	17.00
		6	0	16.10	16.21	16.13	17.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
18615					18900	19185	
3MHz	QPSK	1	0	16.23	16.13	16.07	17.00
		1	7	16.17	16.12	16.19	17.00
		1	14	16.15	16.20	16.11	17.00
		8	0	16.10	16.07	16.09	17.00
		8	4	16.00	16.06	16.18	17.00
		8	7	16.14	16.20	16.18	17.00
		15	0	16.02	16.14	16.22	17.00
	16QAM	1	0	16.10	16.17	16.17	17.00
		1	7	16.04	16.18	16.10	17.00
		1	14	16.09	16.12	16.22	17.00
		8	0	16.03	16.17	16.14	17.00
		8	4	16.14	16.11	16.08	17.00
		8	7	16.04	16.15	16.21	17.00
		15	0	16.13	16.06	16.16	17.00
	64QAM	1	0	16.02	16.21	16.04	17.00
		1	7	16.16	16.11	16.12	17.00
		1	14	16.05	16.18	16.06	17.00
		8	0	16.04	16.09	16.10	17.00
		8	4	16.04	16.05	16.17	17.00
		8	7	16.19	16.19	16.04	17.00

		15	0	16.03	16.06	16.04	17.00
	256QAM	1	0	16.04	16.23	16.06	17.00
		1	7	16.08	16.19	16.13	17.00
		1	14	16.15	16.17	16.04	17.00
		8	0	16.12	16.21	16.09	17.00
		8	4	16.11	16.06	16.06	17.00
		8	7	15.99	16.20	16.14	17.00
		15	0	16.11	16.23	16.04	17.00
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>
				18625	18900	19175	
<b>5MHz</b>	QPSK	1	0	16.01	16.20	16.10	17.00
		1	13	16.00	16.14	16.04	17.00
		1	24	16.01	16.19	16.16	17.00
		12	0	16.08	16.11	16.14	17.00
		12	6	16.18	16.10	16.03	17.00
		12	13	16.05	16.18	16.16	17.00
		25	0	16.01	16.16	16.06	17.00
	16QAM	1	0	16.15	16.16	16.17	17.00
		1	13	16.04	16.15	16.04	17.00
		1	24	16.12	16.16	16.11	17.00
		12	0	16.13	16.10	16.08	17.00
		12	6	16.03	16.02	16.11	17.00
		12	13	16.17	16.08	16.13	17.00
		25	0	16.01	16.07	16.17	17.00
	64QAM	1	0	16.16	16.23	16.10	17.00
		1	13	16.14	16.05	16.11	17.00
		1	24	16.16	16.16	16.17	17.00
		12	0	16.04	16.24	16.14	17.00
		12	6	16.12	16.18	16.20	17.00
		12	13	16.15	16.15	16.20	17.00
		25	0	16.15	16.11	16.13	17.00
	256QAM	1	0	16.03	16.10	16.05	17.00
		1	13	16.09	16.20	16.16	17.00
		1	24	16.13	16.20	16.13	17.00
		12	0	16.11	16.21	16.13	17.00
		12	6	16.18	16.19	16.08	17.00
		12	13	16.17	16.17	16.17	17.00
		25	0	16.09	16.15	16.13	17.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18650	18900	19150	



10MHz	QPSK	1	0	16.22	16.06	16.21	17.00
		1	25	16.00	16.10	16.16	17.00
		1	49	16.05	16.12	16.18	17.00
		25	0	16.13	16.20	16.08	17.00
		25	13	16.17	16.15	16.20	17.00
		25	25	16.15	16.10	16.07	17.00
		50	0	16.07	16.11	16.11	17.00
	16QAM	1	0	16.01	16.06	16.04	17.00
		1	25	16.16	16.08	16.08	17.00
		1	49	16.04	16.01	16.05	17.00
		25	0	16.02	16.18	16.17	17.00
		25	13	16.10	16.06	16.17	17.00
		25	25	16.02	16.11	16.11	17.00
		50	0	16.12	16.12	16.16	17.00
	64QAM	1	0	16.03	16.06	16.20	17.00
		1	25	15.99	16.17	16.11	17.00
		1	49	16.01	16.07	16.04	17.00
		25	0	16.13	16.19	16.12	17.00
		25	13	16.11	16.19	16.06	17.00
		25	25	16.08	16.20	16.15	17.00
		50	0	16.11	16.14	16.17	17.00
	256QAM	1	0	16.02	16.21	16.15	17.00
		1	25	16.02	16.22	16.18	17.00
		1	49	16.03	16.15	16.05	17.00
		25	0	16.10	16.18	16.04	17.00
		25	13	16.11	16.13	16.22	17.00
		25	25	16.01	16.09	16.08	17.00
		50	0	16.18	16.15	16.03	17.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
15MHz	QPSK	1	0	16.03	16.21	16.14	17.00
		1	38	16.07	16.06	16.07	17.00
		1	74	16.13	16.10	16.20	17.00
		36	0	16.10	16.16	16.15	17.00
		36	18	16.03	16.06	16.13	17.00
		36	39	16.19	16.05	16.12	17.00
		75	0	16.00	16.09	16.09	17.00
	16QAM	1	0	16.14	16.18	16.17	17.00
		1	38	16.14	16.01	16.03	17.00
		1	74	16.10	16.10	16.05	17.00

		36	0	16.02	16.06	16.20	17.00
		36	18	15.99	16.19	16.04	17.00
		36	39	16.11	16.18	16.18	17.00
		75	0	16.15	16.08	16.03	17.00
	64QAM	1	0	16.00	16.17	16.09	17.00
		1	38	16.09	16.06	16.14	17.00
		1	74	16.01	16.12	16.11	17.00
		36	0	16.02	16.17	16.12	17.00
		36	18	16.08	16.07	16.22	17.00
		36	39	16.06	16.10	16.17	17.00
		75	0	16.05	16.09	16.12	17.00
	256QAM	1	0	16.00	16.24	16.16	17.00
		1	38	16.12	16.15	16.22	17.00
		1	74	16.03	16.12	16.18	17.00
		36	0	16.00	16.06	16.14	17.00
		36	18	16.10	16.20	16.21	17.00
		36	39	16.07	16.21	16.08	17.00
75		0	16.17	16.10	16.11	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	16.19	16.25	16.23	17.00
		1	50	16.01	16.09	16.04	17.00
		1	99	16.07	16.14	16.08	17.00
		50	0	16.14	16.20	16.21	17.00
		50	25	16.09	16.24	16.13	17.00
		50	50	16.00	16.22	16.21	17.00
		100	0	16.18	16.21	16.19	17.00
	16QAM	1	0	16.13	16.06	16.07	17.00
		1	50	16.15	16.12	16.17	17.00
		1	99	16.11	16.11	16.05	17.00
		50	0	16.07	16.14	16.18	17.00
		50	25	16.11	16.10	16.21	17.00
		50	50	16.15	16.24	16.11	17.00
		100	0	16.01	16.23	16.19	17.00
	64QAM	1	0	16.16	16.19	16.10	17.00
		1	50	16.05	16.21	16.22	17.00
		1	99	16.11	16.18	16.06	17.00
		50	0	16.01	16.12	16.18	17.00
		50	25	16.04	16.16	16.08	17.00
		50	50	16.10	16.10	16.21	17.00

	256QAM	100	0	16.01	16.11	16.10	17.00
		1	0	16.12	16.17	16.13	17.00
		1	50	16.14	16.13	16.14	17.00
		1	99	16.09	16.06	16.21	17.00
		50	0	16.01	16.21	16.22	17.00
		50	25	16.13	16.24	16.03	17.00
		50	50	16.17	16.10	16.22	17.00
		100	0	16.16	16.11	16.18	17.00

LTE Band 2 Ant.3 EC14_Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	20.40	20.60	20.53	21.50
		1	2	20.35	20.21	20.49	21.50
		1	5	20.47	20.48	20.41	21.50
		3	0	20.36	20.57	20.53	21.50
		3	2	20.51	20.47	20.40	21.50
		3	3	20.35	20.46	20.40	21.50
	16QAM	1	0	20.46	20.47	20.43	21.50
		1	2	20.38	20.42	20.57	21.50
		1	5	20.53	20.49	20.49	21.50
		3	0	20.51	20.59	20.42	21.50
		3	2	20.46	20.45	20.50	21.50
		3	3	20.42	20.52	20.47	21.50
	64QAM	6	0	20.51	20.49	20.58	21.50
		1	0	20.43	20.49	20.59	21.50
		1	2	20.38	20.51	20.55	21.50
		1	5	20.35	20.48	20.41	21.50
		3	0	20.35	20.51	20.42	21.50
		3	2	20.39	20.54	20.51	21.50
	256QAM	3	3	20.40	20.46	20.47	21.50
		6	0	20.51	20.49	20.39	21.50
		1	0	18.92	18.94	19.08	20.00
		1	2	18.97	18.94	18.99	20.00
		1	5	18.98	18.98	18.96	20.00
		3	0	18.98	19.07	19.06	20.00
		3	2	18.85	18.98	18.94	20.00
		3	3	19.02	18.99	19.06	20.00

Bandwidth	Modulation	6	0	18.87	18.96	19.03	20.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	20.48	20.55	20.48	21.50
		1	7	20.54	20.54	20.47	21.50
		1	14	20.36	20.51	20.46	21.50
		8	0	20.41	20.46	20.51	21.50
		8	4	20.40	20.49	20.46	21.50
		8	7	20.52	20.46	20.51	21.50
		15	0	20.38	20.51	20.50	21.50
	16QAM	1	0	20.50	20.51	20.41	21.50
		1	7	20.39	20.51	20.43	21.50
		1	14	20.35	20.51	20.41	21.50
		8	0	20.53	20.46	20.50	21.50
		8	4	20.51	20.45	20.50	21.50
		8	7	20.39	20.46	20.51	21.50
		15	0	20.39	20.51	20.41	21.50
	64QAM	1	0	20.44	20.58	20.41	21.50
		1	7	20.48	20.57	20.46	21.50
		1	14	20.47	20.44	20.53	21.50
		8	0	20.53	20.51	20.59	21.50
		8	4	20.48	20.43	20.44	21.50
		8	7	20.48	20.46	20.58	21.50
		15	0	20.52	20.61	20.49	21.50
	256QAM	1	0	18.87	18.93	19.03	20.00
		1	7	19.04	18.97	19.07	20.00
		1	14	18.95	19.00	18.93	20.00
		8	0	18.92	19.10	18.94	20.00
		8	4	18.89	19.05	18.93	20.00
		8	7	18.85	19.07	19.01	20.00
		15	0	18.90	19.09	19.06	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	20.38	20.57	20.56	21.50
		1	13	20.35	20.50	20.39	21.50
		1	24	20.53	20.44	20.43	21.50
		12	0	20.48	20.44	20.39	21.50
		12	6	20.54	20.41	20.54	21.50
		12	13	20.39	20.43	20.40	21.50
		25	0	20.52	20.42	20.52	21.50

	16QAM	1	0	20.53	20.53	20.56	21.50
		1	13	20.37	20.46	20.55	21.50
		1	24	20.49	20.43	20.50	21.50
		12	0	20.54	20.55	20.54	21.50
		12	6	20.46	20.45	20.53	21.50
		12	13	20.47	20.54	20.44	21.50
		25	0	20.42	20.43	20.50	21.50
	64QAM	1	0	20.42	20.47	20.47	21.50
		1	13	20.37	20.60	20.49	21.50
		1	24	20.51	20.61	20.41	21.50
		12	0	20.48	20.43	20.53	21.50
		12	6	20.45	20.58	20.55	21.50
		12	13	20.49	20.56	20.44	21.50
		25	0	20.37	20.57	20.44	21.50
	256QAM	1	0	19.04	18.94	19.09	20.00
		1	13	18.92	19.07	19.06	20.00
		1	24	18.96	18.97	18.93	20.00
		12	0	18.90	18.97	18.92	20.00
		12	6	18.97	18.98	19.06	20.00
		12	13	18.95	19.01	19.04	20.00
		25	0	19.03	18.93	18.99	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	20.52	20.55	20.60	21.50
		1	25	20.38	20.51	20.55	21.50
		1	49	20.41	20.55	20.57	21.50
		25	0	20.40	20.55	20.40	21.50
		25	13	20.47	20.42	20.44	21.50
		25	25	20.34	20.43	20.47	21.50
		50	0	20.46	20.46	20.40	21.50
	16QAM	1	0	20.50	20.57	20.48	21.50
		1	25	20.47	20.59	20.50	21.50
		1	49	20.50	20.56	20.51	21.50
		25	0	20.39	20.48	20.41	21.50
		25	13	20.52	20.50	20.39	21.50
		25	25	20.44	20.47	20.49	21.50
		50	0	20.50	20.55	20.52	21.50
	64QAM	1	0	20.40	20.60	20.43	21.50
		1	25	20.42	20.60	20.51	21.50
		1	49	20.53	20.57	20.55	21.50

		25	0	20.35	20.45	20.45	21.50
		25	13	20.44	20.53	20.55	21.50
		25	25	20.36	20.43	20.48	21.50
		50	0	20.52	20.45	20.55	21.50
	256QAM	1	0	18.85	19.03	19.01	20.00
		1	25	18.97	18.97	19.07	20.00
		1	49	19.01	19.04	18.91	20.00
		25	0	18.93	19.07	18.98	20.00
		25	13	18.98	18.96	19.01	20.00
		25	25	18.93	19.08	18.91	20.00
50	0	18.94	19.04	19.07	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	20.42	20.61	20.44	21.50
		1	38	20.45	20.48	20.49	21.50
		1	74	20.54	20.60	20.46	21.50
		36	0	20.47	20.49	20.50	21.50
		36	18	20.38	20.43	20.47	21.50
		36	39	20.51	20.50	20.58	21.50
		75	0	20.53	20.42	20.44	21.50
	16QAM	1	0	20.40	20.42	20.53	21.50
		1	38	20.48	20.49	20.55	21.50
		1	74	20.39	20.58	20.41	21.50
		36	0	20.34	20.50	20.43	21.50
		36	18	20.51	20.55	20.53	21.50
		36	39	20.51	20.46	20.50	21.50
		75	0	20.49	20.57	20.50	21.50
	64QAM	1	0	20.49	20.57	20.45	21.50
		1	38	20.39	20.46	20.40	21.50
		1	74	20.40	20.61	20.54	21.50
		36	0	20.35	20.53	20.54	21.50
		36	18	20.36	20.60	20.43	21.50
		36	39	20.51	20.53	20.56	21.50
		75	0	20.45	20.48	20.53	21.50
	256QAM	1	0	18.97	18.98	18.98	20.00
		1	38	19.03	18.99	18.91	20.00
		1	74	18.92	18.96	19.00	20.00
		36	0	19.03	19.04	19.00	20.00
		36	18	18.94	19.08	19.02	20.00
		36	39	19.00	18.94	19.01	20.00

Bandwidth	Modulation	75	0	18.92	19.09	18.90	20.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	20.54	20.62	20.59	21.50
		1	50	20.47	20.54	20.42	21.50
		1	99	20.34	20.58	20.54	21.50
		50	0	20.51	20.54	20.52	21.50
		50	25	20.36	20.50	20.49	21.50
		50	50	20.46	20.52	20.57	21.50
		100	0	20.44	20.50	20.47	21.50
	16QAM	1	0	20.39	20.49	20.47	21.50
		1	50	20.46	20.61	20.48	21.50
		1	99	20.54	20.51	20.50	21.50
		50	0	20.52	20.60	20.50	21.50
		50	25	20.36	20.57	20.46	21.50
		50	50	20.48	20.53	20.50	21.50
		100	0	20.36	20.57	20.41	21.50
	64QAM	1	0	20.37	20.61	20.52	21.50
		1	50	20.51	20.58	20.40	21.50
		1	99	20.37	20.61	20.57	21.50
		50	0	20.47	20.51	20.43	21.50
		50	25	20.41	20.58	20.41	21.50
		50	50	20.41	20.48	20.41	21.50
		100	0	20.52	20.43	20.50	21.50
	256QAM	1	0	19.01	19.01	19.04	20.00
		1	50	18.91	18.93	18.96	20.00
		1	99	19.00	19.05	19.02	20.00
		50	0	18.88	18.96	19.00	20.00
		50	25	19.02	18.92	18.92	20.00
		50	50	18.96	19.00	18.95	20.00
		100	0	18.90	19.05	18.96	20.00

LTE Band 2 Ant.3 ECI1_Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.37	22.58	22.40	23.50
		1	2	22.36	22.54	22.39	23.50
		1	5	22.52	22.55	22.38	23.50
		3	0	22.52	22.44	22.54	23.50

		3	2	22.44	22.55	22.45	23.50
		3	3	22.36	22.44	22.54	23.50
		6	0	22.45	22.53	22.39	23.50
	16QAM	1	0	22.41	22.52	22.56	23.50
		1	2	22.44	22.46	22.47	23.50
		1	5	22.41	22.46	22.47	23.50
		3	0	22.48	22.51	22.50	23.50
		3	2	22.53	22.44	22.40	23.50
		3	3	22.53	22.54	22.56	23.50
		6	0	21.92	22.08	22.07	23.00
		64QAM	1	0	21.98	21.97	21.99
	1		2	21.93	22.04	22.07	23.00
	1		5	22.03	22.03	21.95	23.00
	3		0	21.90	21.93	22.00	23.00
	3		2	21.90	22.00	21.95	23.00
	3		3	21.86	22.06	21.89	23.00
	6		0	20.89	21.12	20.89	22.00
	256QAM	1	0	19.01	19.04	18.95	20.00
		1	2	18.85	19.10	19.05	20.00
		1	5	18.99	19.11	18.90	20.00
		3	0	18.98	19.12	19.05	20.00
3		2	18.95	19.03	19.04	20.00	
3		3	18.97	19.12	18.97	20.00	
6		0	19.02	18.99	18.90	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18615	18900	19185	
<b>3MHz</b>	QPSK	1	0	22.44	22.60	22.54	23.50
		1	7	22.35	22.47	22.37	23.50
		1	14	22.36	22.57	22.42	23.50
		8	0	22.39	22.49	22.55	23.50
		8	4	22.46	22.53	22.55	23.50
		8	7	22.34	22.51	22.56	23.50
		15	0	22.35	22.53	22.44	23.50
	16QAM	1	0	22.43	22.54	22.42	23.50
		1	7	22.51	22.51	22.37	23.50
		1	14	22.34	22.48	22.44	23.50
		8	0	21.96	22.11	21.93	23.00
		8	4	21.91	22.10	21.91	23.00
		8	7	21.90	21.93	21.93	23.00
		15	0	22.04	21.96	21.98	23.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	64QAM	1	0	21.96	22.09	21.93	23.00	
		1	7	21.96	22.13	21.89	23.00	
		1	14	21.94	22.08	22.00	23.00	
		8	0	21.03	20.94	20.87	22.00	
		8	4	20.89	20.95	20.96	22.00	
		8	7	21.01	21.06	20.88	22.00	
		15	0	20.93	20.99	21.01	22.00	
	256QAM	1	0	18.88	19.01	18.98	20.00	
		1	7	18.91	19.08	19.03	20.00	
		1	14	18.87	19.08	19.02	20.00	
		8	0	19.04	18.98	18.87	20.00	
		8	4	19.04	19.07	18.97	20.00	
		8	7	18.95	19.03	18.89	20.00	
		15	0	18.85	18.98	18.88	20.00	
	5MHz	QPSK	1	0	22.35	22.57	22.59	23.50
			1	13	22.50	22.50	22.45	23.50
			1	24	22.52	22.53	22.40	23.50
			12	0	22.53	22.50	22.42	23.50
			12	6	22.50	22.57	22.39	23.50
			12	13	22.35	22.44	22.42	23.50
			25	0	22.38	22.58	22.40	23.50
		16QAM	1	0	22.38	22.46	22.39	23.50
			1	13	22.46	22.46	22.44	23.50
			1	24	22.45	22.51	22.40	23.50
			12	0	21.86	22.03	22.00	23.00
			12	6	21.87	21.97	21.92	23.00
			12	13	21.95	22.13	21.95	23.00
			25	0	21.97	21.95	21.96	23.00
64QAM		1	0	21.84	21.94	21.89	23.00	
		1	13	21.88	21.99	22.01	23.00	
		1	24	21.85	21.96	22.02	23.00	
		12	0	20.89	20.99	20.99	22.00	
		12	6	20.85	20.95	21.04	22.00	
		12	13	20.92	20.93	20.97	22.00	
		25	0	21.03	21.12	20.89	22.00	
256QAM		1	0	18.94	18.99	18.88	20.00	
		1	13	18.93	18.95	19.04	20.00	
		1	24	18.85	19.09	18.98	20.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	12	0	19.02	19.11	18.93	20.00	
		12	6	18.91	18.95	18.89	20.00	
		12	13	18.89	18.94	18.92	20.00	
		25	0	18.91	19.07	18.93	20.00	
	16QAM	16QAM	1	0	22.61	22.60	22.44	23.50
			1	25	22.35	22.49	22.50	23.50
			1	49	22.43	22.46	22.53	23.50
			25	0	22.42	22.60	22.44	23.50
			25	13	22.53	22.47	22.50	23.50
			25	25	22.42	22.46	22.52	23.50
			50	0	22.44	22.47	22.43	23.50
	64QAM	64QAM	1	0	22.37	22.60	22.51	23.50
			1	25	22.53	22.54	22.48	23.50
			1	49	22.40	22.55	22.41	23.50
			25	0	21.85	22.00	21.93	23.00
			25	13	21.95	22.05	21.91	23.00
			25	25	21.87	22.03	21.98	23.00
			50	0	21.90	22.12	22.01	23.00
	256QAM	256QAM	1	0	21.90	21.97	22.03	23.00
			1	25	21.85	21.97	22.05	23.00
			1	49	21.92	22.03	22.04	23.00
			25	0	20.88	21.09	20.98	22.00
			25	13	20.88	20.97	21.06	22.00
			25	25	21.03	21.05	20.90	22.00
			50	0	20.93	21.03	21.06	22.00
	QPSK	QPSK	1	0	18.97	19.06	19.03	20.00
			1	25	18.95	19.07	18.98	20.00
			1	49	18.97	19.09	19.06	20.00
25			0	18.91	19.12	18.90	20.00	
QPSK	QPSK	25	13	18.97	19.02	19.05	20.00	
		25	25	18.90	19.01	19.05	20.00	
		50	0	19.03	19.11	18.96	20.00	
		1	0	19.02	19.09	19.06	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	QPSK	18675	18900	19125	18675	18900	19125	Tune up
		1	0	22.49	22.57	22.62	23.50	
		1	38	22.47	22.53	22.41	23.50	
		1	74	22.49	22.51	22.51	23.50	
36	0	22.39	22.54	22.44	23.50			

	16QAM	36	18	22.54	22.44	22.48	23.50
		36	39	22.40	22.52	22.53	23.50
		75	0	22.38	22.60	22.52	23.50
		1	0	22.37	22.56	22.50	23.50
		1	38	22.36	22.51	22.48	23.50
		1	74	22.43	22.60	22.45	23.50
		36	0	21.88	22.02	21.89	23.00
		36	18	22.03	21.97	21.91	23.00
		36	39	22.01	22.12	21.97	23.00
	75	0	21.93	21.94	21.94	23.00	
	64QAM	1	0	21.98	21.95	21.96	23.00
		1	38	21.89	22.07	21.89	23.00
		1	74	22.04	22.08	21.90	23.00
		36	0	20.90	21.09	20.99	22.00
		36	18	20.87	20.98	20.91	22.00
		36	39	20.92	21.07	20.97	22.00
		75	0	20.94	21.02	21.03	22.00
	256QAM	1	0	18.87	19.12	19.04	20.00
		1	38	18.96	19.05	18.88	20.00
		1	74	18.86	19.01	18.94	20.00
		36	0	18.90	19.04	18.96	20.00
36		18	18.96	19.01	19.01	20.00	
36		39	19.01	19.02	18.96	20.00	
75		0	19.02	18.93	18.93	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	22.54	22.63	22.57	23.50
		1	50	22.47	22.58	22.48	23.50
		1	99	22.45	22.47	22.55	23.50
		50	0	22.56	22.59	22.52	23.50
		50	25	22.42	22.47	22.56	23.50
		50	50	22.43	22.48	22.49	23.50
		100	0	22.45	22.53	22.52	23.50
	16QAM	1	0	22.34	22.54	22.52	23.50
		1	50	22.35	22.43	22.45	23.50
		1	99	22.48	22.57	22.38	23.50
		50	0	21.86	21.93	22.05	23.00
		50	25	22.03	22.01	21.96	23.00
		50	50	21.99	22.09	21.94	23.00
		100	0	21.97	22.11	22.07	23.00

	64QAM	1	0	21.89	22.04	21.95	23.00
		1	50	21.89	22.03	21.98	23.00
		1	99	22.01	21.99	21.93	23.00
		50	0	20.86	21.12	21.02	22.00
		50	25	20.90	21.01	20.99	22.00
		50	50	21.00	21.01	21.06	22.00
		100	0	20.86	21.13	20.98	22.00
	256QAM	1	0	18.98	19.11	18.88	20.00
		1	50	18.88	18.98	19.02	20.00
		1	99	19.01	18.95	18.91	20.00
		50	0	18.88	18.96	18.95	20.00
		50	25	18.86	19.09	19.00	20.00
		50	50	18.90	19.06	18.92	20.00
		100	0	19.00	18.99	19.01	20.00

LTE Band 2 Ant.2 Full power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.42	23.42	23.47	25.00
		1	2	23.51	23.40	23.38	25.00
		1	5	23.30	23.56	23.44	25.00
		3	0	23.50	23.39	23.46	25.00
		3	2	23.42	23.43	23.52	25.00
		3	3	23.42	23.31	23.35	25.00
		6	0	22.39	22.56	22.38	24.00
	16QAM	1	0	22.69	22.73	22.75	24.00
		1	2	22.74	22.89	23.02	24.00
		1	5	22.66	22.70	22.69	24.00
		3	0	22.46	22.41	22.27	24.00
		3	2	22.53	22.60	22.46	24.00
		3	3	22.46	22.33	22.43	24.00
		6	0	21.40	21.64	21.40	23.00
	64QAM	1	0	21.32	21.24	21.25	23.00
		1	2	21.08	21.19	21.21	23.00
		1	5	21.69	21.50	21.63	23.00
		3	0	21.46	21.55	21.30	23.00
		3	2	21.45	21.35	21.43	23.00
		3	3	21.56	21.33	21.36	23.00

		6	0	20.40	20.55	20.43	22.00
	256QAM	1	0	18.29	18.28	18.41	20.00
		1	2	18.25	18.24	18.29	20.00
		1	5	18.51	18.57	18.47	20.00
		3	0	18.27	18.23	18.28	20.00
		3	2	18.10	18.01	18.10	20.00
		3	3	18.03	18.24	18.24	20.00
		6	0	18.40	18.53	18.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.69	23.71	23.57	25.00
		1	7	23.29	23.28	23.46	25.00
		1	14	23.48	23.49	23.52	25.00
		8	0	22.38	22.39	22.47	24.00
		8	4	22.48	22.45	22.24	24.00
		8	7	22.50	22.42	22.37	24.00
		15	0	22.47	22.38	22.50	24.00
	16QAM	1	0	22.63	22.71	22.70	24.00
		1	7	22.79	22.83	23.05	24.00
		1	14	22.85	22.80	22.88	24.00
		8	0	21.51	21.54	21.59	23.00
		8	4	21.54	21.54	21.66	23.00
		8	7	21.37	21.36	21.49	23.00
		15	0	21.58	21.46	21.46	23.00
	64QAM	1	0	21.40	21.36	21.22	23.00
		1	7	21.13	21.19	21.18	23.00
		1	14	21.70	21.66	21.73	23.00
		8	0	20.56	20.54	20.51	22.00
		8	4	20.62	20.61	20.46	22.00
		8	7	20.49	20.55	20.32	22.00
		15	0	20.40	20.48	20.47	22.00
	256QAM	1	0	18.29	18.34	18.28	20.00
		1	7	18.27	18.29	18.26	20.00
		1	14	18.55	18.65	18.65	20.00
		8	0	18.29	18.36	18.32	20.00
		8	4	18.07	18.10	18.06	20.00
		8	7	18.02	18.01	18.12	20.00
		15	0	18.37	18.43	18.46	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.67	23.66	23.56	25.00
		1	13	23.27	23.35	23.50	25.00
		1	24	23.46	23.48	23.44	25.00
		12	0	22.34	22.38	22.59	24.00
		12	6	22.43	22.40	22.26	24.00
		12	13	22.41	22.46	22.35	24.00
		25	0	22.40	22.47	22.50	24.00
	16QAM	1	0	22.70	22.62	22.61	24.00
		1	13	22.79	22.81	22.96	24.00
		1	24	22.73	22.81	22.80	24.00
		12	0	21.54	21.51	21.54	23.00
		12	6	21.51	21.46	21.59	23.00
		12	13	21.44	21.48	21.52	23.00
		25	0	21.48	21.46	21.51	23.00
	64QAM	1	0	21.43	21.34	21.24	23.00
		1	13	21.19	21.22	21.29	23.00
		1	24	21.67	21.75	21.65	23.00
		12	0	20.54	20.62	20.49	22.00
		12	6	20.56	20.63	20.48	22.00
		12	13	20.44	20.43	20.39	22.00
		25	0	20.42	20.36	20.43	22.00
	256QAM	1	0	18.24	18.29	18.38	20.00
		1	13	18.28	18.33	18.31	20.00
		1	24	18.57	18.55	18.66	20.00
		12	0	18.35	18.25	18.32	20.00
		12	6	18.15	18.08	18.10	20.00
		12	13	18.00	18.03	18.13	20.00
		25	0	18.38	18.39	18.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.64	23.70	23.64	25.00
		1	25	23.35	23.29	23.52	25.00
		1	49	23.39	23.40	23.48	25.00
		25	0	22.41	22.28	22.56	24.00
		25	13	22.52	22.48	22.25	24.00
		25	25	22.48	22.39	22.32	24.00
						18650	18900

	16QAM	50	0	22.37	22.38	22.46	24.00	
		1	0	22.74	22.74	22.64	24.00	
		1	25	22.79	22.82	22.99	24.00	
		1	49	22.73	22.73	22.85	24.00	
		25	0	21.45	21.52	21.60	23.00	
		25	13	21.50	21.46	21.57	23.00	
		25	25	21.42	21.47	21.51	23.00	
		50	0	21.45	21.54	21.53	23.00	
	64QAM	1	0	21.40	21.31	21.18	23.00	
		1	25	21.16	21.17	21.17	23.00	
		1	49	21.67	21.63	21.72	23.00	
		25	0	20.58	20.63	20.48	22.00	
		25	13	20.64	20.62	20.45	22.00	
		25	25	20.55	20.43	20.39	22.00	
		50	0	20.47	20.38	20.43	22.00	
	256QAM	1	0	18.36	18.32	18.29	20.00	
		1	25	18.36	18.33	18.26	20.00	
		1	49	18.57	18.62	18.56	20.00	
		25	0	18.31	18.36	18.29	20.00	
		25	13	18.13	18.11	18.09	20.00	
		25	25	18.02	18.02	18.21	20.00	
		50	0	18.49	18.43	18.39	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
	15MHz	QPSK	1	0	23.63	23.62	23.65	25.00
			1	38	23.30	23.32	23.48	25.00
			1	74	23.48	23.38	23.49	25.00
			36	0	22.29	22.37	22.53	24.00
36			18	22.50	22.48	22.22	24.00	
36			39	22.50	22.50	22.27	24.00	
75			0	22.46	22.43	22.48	24.00	
16QAM		1	0	22.75	22.72	22.58	24.00	
		1	38	22.80	22.85	23.04	24.00	
		1	74	22.82	22.85	22.76	24.00	
		36	0	21.54	21.53	21.54	23.00	
		36	18	21.52	21.52	21.65	23.00	
		36	39	21.40	21.38	21.52	23.00	
		75	0	21.48	21.45	21.49	23.00	

	64QAM	1	0	21.36	21.43	21.23	23.00
		1	38	21.15	21.24	21.18	23.00
		1	74	21.64	21.73	21.74	23.00
		36	0	20.56	20.64	20.49	22.00
		36	18	20.54	20.64	20.49	22.00
		36	39	20.47	20.51	20.35	22.00
		75	0	20.46	20.36	20.47	22.00
	256QAM	1	0	18.31	18.25	18.37	20.00
		1	38	18.39	18.32	18.21	20.00
		1	74	18.56	18.55	18.57	20.00
		36	0	18.32	18.38	18.30	20.00
		36	18	18.16	18.05	18.01	20.00
		36	39	18.05	18.57	18.10	20.00
		75	0	18.48	18.47	18.43	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				18700	18900	19100	
<b>20MHz</b>	QPSK	1	0	23.62	23.90	23.63	25.00
		1	50	23.30	23.28	23.49	25.00
		1	99	23.37	23.41	23.49	25.00
		50	0	22.34	22.69	22.56	24.00
		50	25	22.46	22.41	22.28	24.00
		50	50	22.41	22.44	22.35	24.00
		100	0	22.47	22.71	22.51	24.00
	16QAM	1	0	22.62	22.75	22.65	24.00
		1	50	22.82	22.83	23.01	24.00
		1	99	22.79	22.74	22.86	24.00
		50	0	21.46	21.45	21.60	23.00
		50	25	21.50	21.58	21.58	23.00
		50	50	21.48	21.43	21.59	23.00
		100	0	21.58	21.57	21.55	23.00
	64QAM	1	0	21.43	21.34	21.14	23.00
		1	50	21.16	21.12	21.27	23.00
		1	99	21.73	21.72	21.69	23.00
		50	0	20.54	20.56	20.47	22.00
		50	25	20.60	20.66	20.49	22.00
		50	50	20.45	20.51	20.40	22.00
		100	0	20.43	20.38	20.53	22.00
	256QAM	1	0	18.37	18.33	18.34	20.00



		1	50	18.29	18.36	18.24	20.00
		1	99	18.59	18.52	18.53	20.00
		50	0	18.30	18.38	18.25	20.00
		50	25	18.15	18.15	18.06	20.00
		50	50	18.38	18.25	18.19	20.00
		100	0	18.38	18.49	18.47	20.00

LTE Band 2 Ant.2 ECI3_Receiver on for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.87	22.04	21.96	23.00
		1	2	21.91	21.95	21.85	23.00
		1	5	22.02	22.00	21.85	23.00
		3	0	21.98	22.03	21.93	23.00
		3	2	21.88	22.02	22.00	23.00
		3	3	21.90	22.01	21.84	23.00
		6	0	21.92	22.03	21.91	23.00
	16QAM	1	0	21.88	21.95	21.94	23.00
		1	2	21.90	22.02	21.84	23.00
		1	5	22.01	22.03	21.85	23.00
		3	0	22.01	22.02	21.96	23.00
		3	2	22.00	22.00	21.84	23.00
		3	3	21.97	22.03	21.95	23.00
		6	0	21.97	21.95	21.89	23.00
	64QAM	1	0	21.88	21.94	21.95	23.00
		1	2	21.95	22.04	22.01	23.00
		1	5	21.93	21.91	22.00	23.00
		3	0	22.00	22.03	21.96	23.00
		3	2	22.05	21.95	21.93	23.00
		3	3	21.86	22.02	21.94	23.00
		6	0	20.90	20.92	21.02	22.00
	256QAM	1	0	18.91	18.94	18.85	20.00
		1	2	18.95	19.06	18.98	20.00
		1	5	18.88	18.94	18.98	20.00
		3	0	19.00	18.98	18.87	20.00
		3	2	18.96	19.01	18.92	20.00
		3	3	18.99	18.94	18.94	20.00
		6	0	18.97	19.03	18.90	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18615	18900	19185	
<b>3MHz</b>	QPSK	1	0	21.87	22.03	21.89	23.00
		1	7	22.02	22.01	21.98	23.00
		1	14	21.95	22.04	21.98	23.00
		8	0	21.95	21.95	21.95	23.00
		8	4	21.95	22.05	21.87	23.00
		8	7	21.89	21.97	21.95	23.00
		15	0	21.99	22.00	21.88	23.00
	16QAM	1	0	22.01	21.92	22.03	23.00
		1	7	21.97	22.02	21.83	23.00
		1	14	22.01	22.02	21.84	23.00
		8	0	22.02	21.93	22.03	23.00
		8	4	21.92	21.91	21.88	23.00
		8	7	22.03	22.04	22.02	23.00
		15	0	22.01	21.94	21.95	23.00
	64QAM	1	0	21.87	21.93	21.95	23.00
		1	7	21.98	22.02	21.92	23.00
		1	14	22.01	22.04	21.95	23.00
		8	0	20.86	21.03	20.99	22.00
		8	4	20.93	21.10	20.94	22.00
		8	7	21.03	20.94	20.99	22.00
		15	0	20.91	21.08	20.92	22.00
	256QAM	1	0	18.86	19.04	18.95	20.00
		1	7	18.92	19.08	18.89	20.00
		1	14	19.04	19.08	18.94	20.00
		8	0	18.95	18.94	18.88	20.00
		8	4	19.03	19.01	18.85	20.00
		8	7	18.98	18.97	19.02	20.00
		15	0	18.98	18.93	18.89	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 18625	<b>Channel</b> 18900	<b>Channel</b> 19175	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	22.03	21.95	22.04	23.00
		1	13	21.87	21.97	21.86	23.00
		1	24	21.87	21.94	21.88	23.00
		12	0	22.03	22.03	21.99	23.00
		12	6	22.00	21.99	21.90	23.00
		12	13	22.00	21.94	22.00	23.00
		25	0	21.90	21.95	21.95	23.00
	16QAM	1	0	22.01	21.92	21.89	23.00
		1	13	22.02	22.01	21.97	23.00

		1	24	21.97	22.03	22.01	23.00	
		12	0	21.90	22.03	21.87	23.00	
		12	6	22.02	22.00	21.97	23.00	
		12	13	21.88	21.96	21.93	23.00	
		25	0	21.88	21.84	21.96	23.00	
	64QAM	1	0	22.02	22.02	21.88	23.00	
		1	13	21.91	21.96	21.84	23.00	
		1	24	22.02	22.09	21.94	23.00	
		12	0	20.99	20.95	20.90	22.00	
		12	6	20.93	21.02	20.83	22.00	
		12	13	20.95	20.93	20.90	22.00	
		25	0	20.95	21.05	20.88	22.00	
	256QAM	1	0	18.93	19.05	18.94	20.00	
		1	13	19.03	19.08	19.02	20.00	
		1	24	19.00	18.98	18.97	20.00	
		12	0	18.93	19.04	18.96	20.00	
		12	6	19.00	19.02	18.88	20.00	
		12	13	18.89	19.00	18.99	20.00	
		25	0	19.02	19.10	19.00	20.00	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					18650	18900	19150	
<b>10MHz</b>	QPSK	1	0	22.07	22.05	21.85	23.00	
		1	25	21.94	21.93	22.02	23.00	
		1	49	22.03	21.96	21.89	23.00	
		25	0	21.93	22.01	21.97	23.00	
		25	13	21.89	22.01	21.83	23.00	
		25	25	21.89	21.98	21.96	23.00	
		50	0	21.88	21.98	21.95	23.00	
	16QAM	1	0	22.01	21.94	21.99	23.00	
		1	25	21.87	21.99	21.87	23.00	
		1	49	21.87	21.97	21.89	23.00	
		25	0	21.86	21.98	22.02	23.00	
		25	13	21.96	22.01	21.88	23.00	
		25	25	21.99	21.96	21.99	23.00	
		50	0	21.93	21.98	21.93	23.00	
	64QAM	1	0	21.89	22.06	21.86	23.00	
		1	25	22.06	21.96	22.03	23.00	
		1	49	22.01	21.92	21.95	23.00	
		25	0	21.02	20.95	20.95	22.00	
		25	13	20.97	21.09	20.86	22.00	

		25	25	20.90	21.04	20.98	22.00	
		50	0	20.94	21.07	21.00	22.00	
	256QAM	1	0	18.88	19.04	18.88	20.00	
		1	25	18.87	18.92	18.89	20.00	
		1	49	18.87	18.91	18.88	20.00	
		25	0	19.03	18.97	18.95	20.00	
		25	13	19.06	19.02	19.02	20.00	
		25	25	18.99	19.02	18.86	20.00	
		50	0	19.00	19.00	18.87	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18675	18900	19125		
15MHz	QPSK	1	0	22.01	22.08	21.90	23.00	
		1	38	21.87	22.06	21.87	23.00	
		1	74	22.06	21.96	21.95	23.00	
		36	0	21.97	21.97	22.03	23.00	
		36	18	22.05	21.95	21.87	23.00	
		36	39	21.96	22.03	21.97	23.00	
		75	0	21.97	22.06	22.01	23.00	
	16QAM	1	0	21.87	21.99	21.87	23.00	
		1	38	22.05	22.03	21.87	23.00	
		1	74	22.06	22.07	21.84	23.00	
		36	0	22.05	22.01	22.02	23.00	
		36	18	22.05	22.07	21.93	23.00	
		36	39	21.86	21.92	21.94	23.00	
		75	0	22.01	22.02	21.91	23.00	
	64QAM	1	0	22.04	21.98	21.89	23.00	
		1	38	21.98	21.99	21.86	23.00	
		1	74	21.96	22.11	21.89	23.00	
		36	0	21.03	21.09	20.83	22.00	
		36	18	20.86	20.92	20.99	22.00	
		36	39	20.89	21.08	21.01	22.00	
		75	0	20.93	21.07	20.85	22.00	
	256QAM	1	0	18.86	18.91	18.84	20.00	
		1	38	18.97	19.06	18.99	20.00	
		1	74	19.01	19.06	19.01	20.00	
		36	0	18.87	19.04	18.86	20.00	
		36	18	19.05	19.00	18.99	20.00	
		36	39	18.93	19.07	18.97	20.00	
		75	0	18.92	18.99	19.00	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18700	18900	19100	
<b>20MHz</b>	<b>QPSK</b>	1	0	22.06	22.11	22.03	23.00
		1	50	21.93	22.10	21.92	23.00
		1	99	22.01	21.99	21.92	23.00
		50	0	22.01	22.05	22.03	23.00
		50	25	21.92	21.94	22.00	23.00
		50	50	21.98	21.94	21.91	23.00
		100	0	21.96	22.02	21.99	23.00
	<b>16QAM</b>	1	0	21.95	22.01	21.97	23.00
		1	50	22.03	21.93	21.86	23.00
		1	99	21.92	22.06	21.96	23.00
		50	0	21.88	22.04	21.91	23.00
		50	25	21.86	22.06	21.91	23.00
		50	50	21.98	22.02	21.86	23.00
		100	0	22.06	22.06	21.99	23.00
	<b>64QAM</b>	1	0	21.96	22.00	21.89	23.00
		1	50	21.94	21.96	21.84	23.00
		1	99	22.05	22.05	21.97	23.00
		50	0	20.88	21.03	20.98	22.00
		50	25	21.01	20.93	20.87	22.00
		50	50	20.95	20.99	21.00	22.00
		100	0	21.02	21.02	21.00	22.00
	<b>256QAM</b>	1	0	19.03	19.00	18.93	20.00
		1	50	19.02	19.00	18.88	20.00
		1	99	19.06	19.03	19.03	20.00
		50	0	18.90	18.98	18.91	20.00
		50	25	19.05	18.93	18.88	20.00
		50	50	19.04	19.06	19.00	20.00
		100	0	19.03	19.10	18.92	20.00

### 3.2 Conducted Power of LTE Band 4

LTE Band 4 Ant.3 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.68	23.68	23.77	24.50
		1	2	23.70	23.57	23.64	24.50
		1	5	23.74	23.65	23.59	24.50
		3	0	23.70	23.81	23.64	24.50
		3	2	23.61	23.69	23.66	24.50
		3	3	23.76	23.65	23.50	24.50
		6	0	22.65	22.60	22.56	23.50
	16QAM	1	0	22.91	22.84	22.89	23.50
		1	2	22.94	23.09	23.03	23.50
		1	5	22.84	22.94	23.07	23.50
		3	0	23.01	22.99	23.03	23.50
		3	2	22.84	22.92	22.98	23.50
		3	3	22.87	22.90	22.99	23.50
		6	0	21.71	21.65	21.79	22.50
	64QAM	1	0	21.65	21.53	21.53	22.50
		1	2	21.37	21.39	21.41	22.50
		1	5	21.83	22.05	21.79	22.50
		3	0	21.53	21.45	21.62	22.50
		3	2	21.55	21.49	21.53	22.50
		3	3	21.55	21.56	21.54	22.50
		6	0	20.67	20.70	20.67	21.50
	256QAM	1	0	18.58	18.58	18.55	19.50
		1	2	18.53	18.47	18.43	19.50
		1	5	18.71	18.74	18.75	19.50
		3	0	18.64	18.55	18.40	19.50
		3	2	18.22	18.37	18.17	19.50
		3	3	18.36	18.32	18.19	19.50
		6	0	18.53	18.59	18.69	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.61	23.77	23.58	24.50
		1	7	23.60	23.77	23.69	24.50
		1	14	23.76	23.71	23.61	24.50
		8	0	22.70	22.59	22.59	23.50
		8	4	22.73	22.56	22.65	23.50

		8	7	22.64	22.62	22.64	23.50	
		15	0	22.71	22.77	22.69	23.50	
	16QAM	1	0	22.84	22.82	23.00	23.50	
		1	7	22.99	23.02	23.03	23.50	
		1	14	22.83	23.05	22.99	23.50	
		8	0	21.79	21.81	21.68	22.50	
		8	4	21.85	21.72	21.83	22.50	
		8	7	21.78	21.61	21.57	22.50	
		15	0	21.80	21.76	21.63	22.50	
	64QAM	1	0	21.57	21.59	21.58	22.50	
		1	7	21.38	21.36	21.48	22.50	
		1	14	21.86	21.84	21.75	22.50	
		8	0	20.92	20.73	20.84	21.50	
		8	4	20.63	20.70	20.79	21.50	
		8	7	20.67	20.65	20.72	21.50	
		15	0	20.80	20.58	20.79	21.50	
	256QAM	1	0	18.56	18.42	18.50	19.50	
		1	7	18.62	18.53	18.52	19.50	
		1	14	18.80	18.82	18.71	19.50	
		8	0	18.58	18.55	18.56	19.50	
		8	4	18.31	18.28	18.27	19.50	
		8	7	18.47	18.28	18.27	19.50	
		15	0	18.56	18.68	18.64	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
	5MHz	QPSK	1	0	23.65	23.82	23.58	24.50
			1	13	23.57	23.70	23.65	24.50
			1	24	23.73	23.65	23.69	24.50
12			0	22.75	22.59	22.53	23.50	
12			6	22.68	22.58	22.69	23.50	
12			13	22.67	22.68	22.57	23.50	
25			0	22.80	22.75	22.63	23.50	
16QAM		1	0	22.78	22.86	22.98	23.50	
		1	13	23.02	23.02	23.11	23.50	
		1	24	22.93	23.06	22.93	23.50	
		12	0	21.79	21.82	21.68	22.50	
		12	6	21.77	21.76	21.89	22.50	
		12	13	21.72	21.63	21.69	22.50	
		25	0	21.80	21.73	21.61	22.50	
64QAM		1	0	21.66	21.53	21.57	22.50	

		1	13	21.36	21.45	21.46	22.50
		1	24	21.95	21.86	21.81	22.50
		12	0	20.91	20.81	20.79	21.50
		12	6	20.71	20.64	20.79	21.50
		12	13	20.69	20.65	20.61	21.50
		25	0	20.71	20.66	20.71	21.50
	256QAM	1	0	18.57	18.43	18.53	19.50
		1	13	18.56	18.63	18.41	19.50
		1	24	18.83	18.82	18.75	19.50
		12	0	18.52	18.56	18.50	19.50
		12	6	18.24	18.27	18.20	19.50
		12	13	18.45	18.27	18.33	19.50
	25	0	18.54	18.72	18.68	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20000					20175	20350	
10MHz	QPSK	1	0	23.63	23.75	23.61	24.50
		1	25	23.62	23.80	23.73	24.50
		1	49	23.70	23.73	23.68	24.50
		25	0	22.62	22.66	22.58	23.50
		25	13	22.64	22.61	22.63	23.50
		25	25	22.55	22.63	22.54	23.50
		50	0	22.81	22.78	22.59	23.50
	16QAM	1	0	22.81	22.85	23.01	23.50
		1	25	23.04	23.00	23.06	23.50
		1	49	22.88	23.08	22.98	23.50
		25	0	21.69	21.82	21.77	22.50
		25	13	21.81	21.81	21.85	22.50
		25	25	21.70	21.69	21.63	22.50
		50	0	21.79	21.72	21.62	22.50
	64QAM	1	0	21.57	21.65	21.58	22.50
		1	25	21.46	21.38	21.46	22.50
		1	49	21.97	21.95	21.77	22.50
		25	0	20.96	20.81	20.76	21.50
		25	13	20.70	20.63	20.74	21.50
		25	25	20.72	20.77	20.72	21.50
		50	0	20.82	20.62	20.67	21.50
	256QAM	1	0	18.57	18.48	18.62	19.50
		1	25	18.60	18.57	18.50	19.50
		1	49	18.83	18.76	18.85	19.50
		25	0	18.56	18.50	18.59	19.50



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	25	13	18.25	18.26	18.32	19.50
		25	25	18.43	18.26	18.26	19.50
		50	0	18.63	18.68	18.62	19.50
		1	0	23.66	23.74	23.59	24.50
		1	38	23.60	23.67	23.72	24.50
		1	74	23.66	23.70	23.70	24.50
		36	0	22.66	22.66	22.47	23.50
	16QAM	36	18	22.69	22.61	22.63	23.50
		36	39	22.61	22.64	22.65	23.50
		75	0	22.78	22.82	22.64	23.50
		1	0	22.79	22.93	22.99	23.50
		1	38	22.96	23.00	23.08	23.50
		1	74	22.93	23.08	22.99	23.50
		36	0	21.74	21.89	21.73	22.50
	64QAM	36	18	21.79	21.71	21.78	22.50
		36	39	21.75	21.63	21.61	22.50
		75	0	21.75	21.80	21.69	22.50
		1	0	21.58	21.65	21.49	22.50
		1	38	21.33	21.45	21.56	22.50
		1	74	21.90	21.86	21.85	22.50
		36	0	20.89	20.85	20.72	21.50
	256QAM	36	18	20.65	20.67	20.81	21.50
		36	39	20.74	20.67	20.63	21.50
		75	0	20.70	20.67	20.65	21.50
		1	0	18.58	18.46	18.56	19.50
		1	38	18.51	18.58	18.40	19.50
		1	74	18.78	18.75	18.72	19.50
36		0	18.54	18.54	18.48	19.50	
20MHz	QPSK	36	18	18.25	18.29	18.19	19.50
		36	39	18.42	18.39	18.34	19.50
75		0	18.52	18.66	18.62	19.50	
1		0	23.66	23.86	23.62	24.50	
1		50	23.57	23.81	23.61	24.50	
20MHz	QPSK	1	99	23.68	23.71	23.65	24.50
		50	0	22.69	22.71	22.55	23.50
		50	25	22.62	22.55	22.67	23.50

		50	50	22.67	22.61	22.60	23.50
		100	0	22.69	22.77	22.68	23.50
	16QAM	1	0	22.87	22.84	23.04	23.50
		1	50	23.05	23.10	23.14	23.50
		1	99	22.94	23.13	22.88	23.50
		50	0	21.73	21.86	21.65	22.50
		50	25	21.85	21.79	21.81	22.50
		50	50	21.82	21.68	21.61	22.50
		100	0	21.69	21.84	21.69	22.50
	64QAM	1	0	21.66	21.53	21.53	22.50
		1	50	21.33	21.47	21.52	22.50
		1	99	21.96	21.97	21.77	22.50
		50	0	20.84	20.79	20.74	21.50
		50	25	20.71	20.67	20.77	21.50
		50	50	20.69	20.70	20.63	21.50
		100	0	20.72	20.62	20.74	21.50
	256QAM	1	0	18.51	18.42	18.52	19.50
		1	50	18.60	18.59	18.52	19.50
		1	99	18.70	18.77	18.74	19.50
		50	0	18.54	18.48	18.47	19.50
		50	25	18.22	18.27	18.24	19.50
		50	50	18.40	18.38	18.29	19.50
		100	0	18.63	18.73	18.58	19.50

LTE Band 4 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.22	17.29	17.17	18.00
		1	2	17.17	17.27	17.16	18.00
		1	5	17.24	17.16	17.24	18.00
		3	0	17.13	17.21	17.16	18.00
		3	2	17.11	17.21	17.25	18.00
		3	3	17.24	17.21	17.15	18.00
		6	0	17.15	17.15	17.14	18.00
	16QAM	1	0	17.09	17.03	17.18	18.00
		1	2	17.26	17.14	17.14	18.00
		1	5	17.08	17.17	17.20	18.00
		3	0	17.11	17.15	17.27	18.00
		3	2	17.07	17.16	17.11	18.00

		3	3	17.15	17.27	17.28	18.00
		6	0	17.07	17.25	17.13	18.00
	64QAM	1	0	17.25	17.28	17.16	18.00
		1	2	17.20	17.33	17.17	18.00
		1	5	17.16	17.25	17.24	18.00
		3	0	17.08	17.26	17.21	18.00
		3	2	17.24	17.21	17.23	18.00
		3	3	17.14	17.24	17.20	18.00
		6	0	17.23	17.24	17.19	18.00
	256QAM	1	0	17.06	17.34	17.15	18.00
		1	2	17.13	17.17	17.11	18.00
		1	5	17.11	17.30	17.21	18.00
		3	0	17.18	17.15	17.10	18.00
		3	2	17.19	17.32	17.27	18.00
3		3	17.17	17.21	17.19	18.00	
6		0	17.08	17.20	17.26	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	17.09	17.24	17.30	18.00
		1	7	17.11	17.26	17.10	18.00
		1	14	17.10	17.20	17.17	18.00
		8	0	17.11	17.21	17.10	18.00
		8	4	17.23	17.15	17.22	18.00
		8	7	17.23	17.18	17.15	18.00
		15	0	17.09	17.16	17.08	18.00
	16QAM	1	0	17.06	17.23	17.26	18.00
		1	7	17.15	17.24	17.15	18.00
		1	14	17.23	17.19	17.21	18.00
		8	0	17.14	17.25	17.25	18.00
		8	4	17.09	17.16	17.12	18.00
		8	7	17.16	17.21	17.27	18.00
		15	0	17.25	17.17	17.28	18.00
	64QAM	1	0	17.17	17.18	17.15	18.00
		1	7	17.13	17.18	17.13	18.00
		1	14	17.14	17.27	17.25	18.00
		8	0	17.08	17.18	17.26	18.00
		8	4	17.08	17.16	17.20	18.00
		8	7	17.12	17.24	17.09	18.00
		15	0	17.10	17.14	17.20	18.00
	256QAM	1	0	17.12	17.16	17.11	18.00

		1	7	17.10	17.17	17.20	18.00
		1	14	17.20	17.22	17.18	18.00
		8	0	17.20	17.32	17.09	18.00
		8	4	17.07	17.31	17.25	18.00
		8	7	17.15	17.24	17.25	18.00
		15	0	17.11	17.24	17.10	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	17.12	17.29	17.14	18.00
		1	13	17.22	17.23	17.10	18.00
		1	24	17.12	17.19	17.22	18.00
		12	0	17.09	17.19	17.17	18.00
		12	6	17.22	17.15	17.18	18.00
		12	13	17.10	17.21	17.10	18.00
		25	0	17.08	17.16	17.09	18.00
	16QAM	1	0	17.08	17.14	17.23	18.00
		1	13	17.10	17.28	17.10	18.00
		1	24	17.10	17.15	17.18	18.00
		12	0	17.22	17.22	17.18	18.00
		12	6	17.07	17.28	17.13	18.00
		12	13	17.15	17.17	17.16	18.00
		25	0	17.26	17.18	17.27	18.00
	64QAM	1	0	17.15	17.30	17.15	18.00
		1	13	17.19	17.25	17.20	18.00
		1	24	17.18	17.14	17.24	18.00
		12	0	17.11	17.24	17.15	18.00
		12	6	17.10	17.28	17.13	18.00
		12	13	17.08	17.15	17.12	18.00
		25	0	17.13	17.24	17.25	18.00
	256QAM	1	0	17.11	17.18	17.12	18.00
		1	13	17.26	17.32	17.14	18.00
		1	24	17.20	17.33	17.28	18.00
		12	0	17.15	17.20	17.24	18.00
		12	6	17.11	17.16	17.25	18.00
		12	13	17.24	17.26	17.14	18.00
		25	0	17.09	17.26	17.21	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	17.18	17.19	17.30	18.00
		1	25	17.16	17.19	17.24	18.00

		1	49	17.14	17.19	17.09	18.00
		25	0	17.13	17.28	17.23	18.00
		25	13	17.11	17.20	17.11	18.00
		25	25	17.25	17.27	17.12	18.00
		50	0	17.10	17.17	17.28	18.00
	16QAM	1	0	17.16	17.22	17.14	18.00
		1	25	17.15	17.23	17.25	18.00
		1	49	17.24	17.22	17.26	18.00
		25	0	17.15	17.15	17.22	18.00
		25	13	17.20	17.25	17.14	18.00
		25	25	17.13	17.28	17.12	18.00
		50	0	17.22	17.28	17.26	18.00
	64QAM	1	0	17.11	17.20	17.20	18.00
		1	25	17.18	17.32	17.28	18.00
		1	49	17.21	17.23	17.23	18.00
		25	0	17.22	17.32	17.23	18.00
		25	13	17.24	17.30	17.26	18.00
		25	25	17.23	17.25	17.25	18.00
		50	0	17.07	17.15	17.20	18.00
	256QAM	1	0	17.10	17.26	17.13	18.00
		1	25	17.22	17.28	17.25	18.00
1		49	17.10	17.28	17.10	18.00	
25		0	17.15	17.16	17.20	18.00	
25		13	17.10	17.18	17.17	18.00	
25		25	17.12	17.24	17.22	18.00	
50		0	17.24	17.14	17.16	18.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
<b>15MHz</b>	QPSK			20025	20175	20325	
		1	0	17.31	17.25	17.20	18.00
		1	38	17.07	17.24	17.17	18.00
		1	74	17.11	17.21	17.20	18.00
		36	0	17.24	17.30	17.23	18.00
		36	18	17.15	17.16	17.24	18.00
		36	39	17.14	17.21	17.10	18.00
	75	0	17.20	17.24	17.10	18.00	
	16QAM	1	0	17.09	17.21	17.16	18.00
		1	38	17.19	17.21	17.11	18.00
		1	74	17.26	17.20	17.12	18.00
		36	0	17.16	17.18	17.18	18.00
		36	18	17.18	17.29	17.19	18.00

		36	39	17.08	17.22	17.21	18.00
		75	0	17.14	17.23	17.27	18.00
	64QAM	1	0	17.09	17.29	17.08	18.00
		1	38	17.25	17.30	17.15	18.00
		1	74	17.10	17.31	17.23	18.00
		36	0	17.13	17.21	17.11	18.00
		36	18	17.16	17.15	17.11	18.00
		36	39	17.24	17.33	17.16	18.00
		75	0	17.10	17.33	17.22	18.00
	256QAM	1	0	17.08	17.25	17.27	18.00
		1	38	17.17	17.27	17.21	18.00
		1	74	17.17	17.26	17.11	18.00
		36	0	17.17	17.23	17.08	18.00
		36	18	17.14	17.26	17.21	18.00
36		39	17.17	17.24	17.23	18.00	
75		0	17.14	17.18	17.09	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	17.26	17.34	17.28	18.00
		1	50	17.17	17.31	17.22	18.00
		1	99	17.23	17.25	17.13	18.00
		50	0	17.17	17.22	17.21	18.00
		50	25	17.14	17.31	17.13	18.00
		50	50	17.09	17.19	17.25	18.00
		100	0	17.13	17.16	17.04	18.00
	16QAM	1	0	17.21	17.27	17.22	18.00
		1	50	17.18	17.15	17.09	18.00
		1	99	17.12	17.21	17.26	18.00
		50	0	17.14	17.25	17.20	18.00
		50	25	17.20	17.30	17.10	18.00
		50	50	17.12	17.20	17.13	18.00
		100	0	17.10	17.30	17.12	18.00
	64QAM	1	0	17.16	17.19	17.13	18.00
		1	50	17.14	17.26	17.20	18.00
		1	99	17.07	17.29	17.12	18.00
		50	0	17.21	17.22	17.18	18.00
		50	25	17.19	17.17	17.19	18.00
		50	50	17.24	17.32	17.15	18.00
		100	0	17.09	17.22	17.27	18.00
	256QAM	1	0	17.19	17.29	17.24	18.00

		1	50	17.20	17.31	17.25	18.00
		1	99	17.10	17.34	17.26	18.00
		50	0	17.11	17.31	17.20	18.00
		50	25	17.07	17.21	17.25	18.00
		50	50	17.21	17.31	17.22	18.00
		100	0	17.16	17.31	17.13	18.00

LTE Band 4 Ant.3 EC14_Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.13	22.25	22.07	23.00
		1	2	22.13	22.14	22.13	23.00
		1	5	22.19	22.17	22.08	23.00
		3	0	22.14	22.13	22.04	23.00
		3	2	22.03	22.10	21.99	23.00
		3	3	22.15	22.10	22.10	23.00
		6	0	22.09	22.21	22.09	23.00
	16QAM	1	0	22.20	22.20	22.11	23.00
		1	2	22.21	22.06	22.03	23.00
		1	5	22.19	22.16	22.10	23.00
		3	0	22.11	22.20	22.02	23.00
		3	2	22.18	22.15	22.08	23.00
		3	3	22.18	22.22	22.06	23.00
		6	0	21.64	21.65	21.44	22.50
	64QAM	1	0	21.57	21.76	21.64	22.50
		1	2	21.67	21.56	21.58	22.50
		1	5	21.54	21.62	21.54	22.50
		3	0	21.58	21.75	21.48	22.50
		3	2	21.68	21.75	21.52	22.50
		3	3	21.59	21.76	21.51	22.50
		6	0	20.71	20.70	20.48	21.50
	256QAM	1	0	18.73	18.62	18.46	19.50
		1	2	18.69	18.62	18.59	19.50
		1	5	18.56	18.72	18.63	19.50
		3	0	18.54	18.57	18.46	19.50
		3	2	18.59	18.71	18.58	19.50
		3	3	18.59	18.60	18.63	19.50
		6	0	18.64	18.60	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19965	20175	20385	
<b>3MHz</b>	QPSK	1	0	22.22	22.22	22.23	23.00
		1	7	22.07	22.17	22.14	23.00
		1	14	22.16	22.21	22.10	23.00
		8	0	22.15	22.11	22.07	23.00
		8	4	22.04	22.20	22.09	23.00
		8	7	22.07	22.11	22.07	23.00
		15	0	22.16	22.21	22.02	23.00
	16QAM	1	0	22.22	22.18	22.08	23.00
		1	7	22.08	22.13	22.02	23.00
		1	14	22.12	22.06	22.01	23.00
		8	0	21.68	21.68	21.58	22.50
		8	4	21.59	21.73	21.63	22.50
		8	7	21.69	21.74	21.49	22.50
		15	0	21.58	21.66	21.58	22.50
	64QAM	1	0	21.63	21.67	21.47	22.50
		1	7	21.66	21.67	21.51	22.50
		1	14	21.63	21.70	21.52	22.50
		8	0	20.60	20.73	20.57	21.50
		8	4	20.58	20.65	20.48	21.50
		8	7	20.55	20.73	20.45	21.50
		15	0	20.55	20.72	20.54	21.50
	256QAM	1	0	18.59	18.68	18.54	19.50
		1	7	18.72	18.64	18.46	19.50
		1	14	18.54	18.60	18.49	19.50
		8	0	18.67	18.65	18.60	19.50
		8	4	18.53	18.74	18.46	19.50
		8	7	18.54	18.72	18.46	19.50
		15	0	18.56	18.69	18.47	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 19975	<b>Channel</b> 20175	<b>Channel</b> 20375	<b>Tune up</b>
<b>5MHz</b>	QPSK	1	0	22.25	22.22	22.09	23.00
		1	13	22.12	22.16	22.01	23.00
		1	24	22.14	22.15	22.00	23.00
		12	0	22.12	22.11	22.01	23.00
		12	6	22.14	22.16	21.95	23.00
		12	13	22.14	22.12	21.96	23.00
		25	0	22.14	22.13	22.05	23.00
	16QAM	1	0	22.11	22.19	21.96	23.00
		1	13	22.22	22.18	22.13	23.00



		1	24	22.16	22.13	22.12	23.00	
		12	0	21.72	21.59	21.53	22.50	
		12	6	21.56	21.75	21.62	22.50	
		12	13	21.53	21.76	21.47	22.50	
		25	0	21.65	21.74	21.51	22.50	
	64QAM	1	0	21.64	21.70	21.56	22.50	
		1	13	21.63	21.74	21.51	22.50	
		1	24	21.71	21.71	21.51	22.50	
		12	0	20.59	20.65	20.55	21.50	
		12	6	20.60	20.66	20.49	21.50	
		12	13	20.71	20.57	20.53	21.50	
	256QAM	25	0	20.59	20.75	20.54	21.50	
		1	0	18.58	18.72	18.44	19.50	
		1	13	18.57	18.56	18.57	19.50	
		1	24	18.54	18.76	18.60	19.50	
		12	0	18.59	18.62	18.46	19.50	
		12	6	18.65	18.62	18.51	19.50	
		12	13	18.68	18.72	18.63	19.50	
25		0	18.55	18.63	18.57	19.50		
<b>Bandwidth</b>		<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					20000	20175	20350	
<b>10MHz</b>		QPSK	1	0	22.18	22.14	22.24	23.00
			1	25	22.10	22.09	22.00	23.00
	1		49	22.23	22.16	22.13	23.00	
	25		0	22.09	22.08	21.96	23.00	
	25		13	22.15	22.08	22.09	23.00	
	25		25	22.06	22.13	21.99	23.00	
	50		0	22.07	22.20	22.09	23.00	
	16QAM	1	0	22.09	22.09	21.97	23.00	
		1	25	22.05	22.09	22.12	23.00	
		1	49	22.04	22.07	21.98	23.00	
		25	0	21.63	21.72	21.49	22.50	
		25	13	21.54	21.75	21.47	22.50	
		25	25	21.71	21.67	21.61	22.50	
	64QAM	50	0	21.71	21.61	21.52	22.50	
		1	0	21.67	21.62	21.44	22.50	
		1	25	21.68	21.57	21.62	22.50	
		1	49	21.65	21.71	21.45	22.50	
		25	0	20.70	20.72	20.46	21.50	
			25	13	20.65	20.63	20.50	21.50

		25	25	20.71	20.57	20.50	21.50
		50	0	20.70	20.58	20.50	21.50
	256QAM	1	0	18.68	18.69	18.49	19.50
		1	25	18.57	18.65	18.51	19.50
		1	49	18.71	18.70	18.62	19.50
		25	0	18.68	18.72	18.61	19.50
		25	13	18.63	18.64	18.44	19.50
		25	25	18.66	18.73	18.52	19.50
		50	0	18.65	18.69	18.61	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.16	22.25	22.10	23.00
		1	38	22.13	22.20	21.99	23.00
		1	74	22.10	22.15	22.10	23.00
		36	0	22.05	22.11	22.01	23.00
		36	18	22.11	22.18	22.05	23.00
		36	39	22.22	22.19	22.04	23.00
		75	0	22.12	22.10	22.13	23.00
	16QAM	1	0	22.12	22.10	21.97	23.00
		1	38	22.07	22.21	22.01	23.00
		1	74	22.15	22.20	22.07	23.00
		36	0	21.60	21.56	21.50	22.50
		36	18	21.57	21.68	21.51	22.50
		36	39	21.58	21.62	21.63	22.50
		75	0	21.67	21.57	21.48	22.50
	64QAM	1	0	21.60	21.72	21.59	22.50
		1	38	21.68	21.57	21.64	22.50
		1	74	21.57	21.74	21.57	22.50
		36	0	20.57	20.75	20.52	21.50
		36	18	20.73	20.63	20.53	21.50
		36	39	20.59	20.72	20.54	21.50
		75	0	20.57	20.57	20.48	21.50
	256QAM	1	0	18.57	18.63	18.63	19.50
		1	38	18.70	18.74	18.58	19.50
		1	74	18.56	18.62	18.58	19.50
		36	0	18.73	18.73	18.47	19.50
		36	18	18.62	18.70	18.61	19.50
		36	39	18.71	18.69	18.56	19.50
		75	0	18.68	18.62	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20050	20175	20300	
<b>20MHz</b>	QPSK	1	0	22.23	22.26	22.14	23.00
		1	50	22.22	22.17	22.07	23.00
		1	99	22.09	22.24	21.97	23.00
		50	0	22.12	22.15	22.12	23.00
		50	25	22.16	22.23	21.96	23.00
		50	50	22.16	22.17	22.02	23.00
		100	0	22.03	22.10	21.96	23.00
	16QAM	1	0	22.10	22.15	22.10	23.00
		1	50	22.18	22.16	22.05	23.00
		1	99	22.10	22.15	22.09	23.00
		50	0	21.68	21.57	21.49	22.50
		50	25	21.54	21.63	21.55	22.50
		50	50	21.55	21.70	21.61	22.50
		100	0	21.71	21.65	21.60	22.50
	64QAM	1	0	21.57	21.75	21.47	22.50
		1	50	21.73	21.72	21.63	22.50
		1	99	21.67	21.76	21.61	22.50
		50	0	20.56	20.75	20.55	21.50
		50	25	20.66	20.75	20.46	21.50
		50	50	20.71	20.72	20.59	21.50
		100	0	20.65	20.64	20.51	21.50
	256QAM	1	0	18.56	18.62	18.63	19.50
		1	50	18.53	18.65	18.47	19.50
		1	99	18.66	18.63	18.55	19.50
50		0	18.60	18.71	18.60	19.50	
50		25	18.61	18.67	18.61	19.50	
50		50	18.67	18.69	18.48	19.50	
100		0	18.55	18.58	18.52	19.50	

LTE Band 4 Ant.3 ECI1_Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
<b>1.4MHz</b>	QPSK	1	0	22.53	22.57	22.55	23.50
		1	2	22.50	22.48	22.55	23.50
		1	5	22.51	22.42	22.51	23.50
		3	0	22.51	22.43	22.38	23.50
		3	2	22.43	22.52	22.45	23.50
		3	3	22.41	22.56	22.41	23.50

	16QAM	6	0	22.38	22.53	22.41	23.50
		1	0	22.52	22.49	22.56	23.50
		1	2	22.44	22.54	22.45	23.50
		1	5	22.40	22.47	22.54	23.50
		3	0	22.37	22.12	22.52	23.50
		3	2	22.44	22.43	22.41	23.50
		3	3	22.53	22.31	22.46	23.50
		6	0	21.46	21.58	21.54	22.50
	64QAM	1	0	21.48	21.50	21.43	22.50
		1	2	21.50	21.60	21.49	22.50
		1	5	21.41	21.44	21.51	22.50
		3	0	21.45	21.47	21.47	22.50
		3	2	21.52	21.47	21.58	22.50
		3	3	21.51	21.42	21.45	22.50
		6	0	20.44	20.51	20.46	21.50
	256QAM	1	0	18.41	18.61	18.39	19.50
		1	2	18.36	18.42	18.54	19.50
		1	5	18.39	18.55	18.50	19.50
		3	0	18.41	18.53	18.41	19.50
		3	2	18.53	18.53	18.51	19.50
		3	3	18.37	18.53	18.47	19.50
6		0	18.43	18.60	18.49	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	22.35	22.45	22.57	23.50
		1	7	22.39	22.51	22.47	23.50
		1	14	22.50	22.42	22.43	23.50
		8	0	22.54	22.51	22.44	23.50
		8	4	22.39	22.44	22.48	23.50
		8	7	22.47	22.56	22.55	23.50
		15	0	22.35	22.47	22.48	23.50
	16QAM	1	0	22.49	22.55	22.46	23.50
		1	7	22.39	22.48	22.54	23.50
		1	14	22.41	22.44	22.50	23.50
		8	0	21.37	21.49	21.39	22.50
		8	4	21.50	21.50	21.48	22.50
		8	7	21.49	21.60	21.49	22.50
		15	0	21.46	21.60	21.45	22.50
	64QAM	1	0	21.35	21.52	21.41	22.50
1		7	21.36	21.56	21.58	22.50	

		1	14	21.43	21.47	21.57	22.50	
		8	0	20.37	20.62	20.46	21.50	
		8	4	20.41	20.46	20.46	21.50	
		8	7	20.42	20.48	20.54	21.50	
		15	0	20.36	20.48	20.45	21.50	
	256QAM	1	0	18.36	18.54	18.43	19.50	
		1	7	18.37	18.51	18.52	19.50	
		1	14	18.39	18.51	18.43	19.50	
		8	0	18.53	18.42	18.40	19.50	
		8	4	18.37	18.62	18.58	19.50	
		8	7	18.46	18.62	18.50	19.50	
		15	0	18.36	18.55	18.40	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
5MHz	QPSK	1	0	22.40	22.45	22.58	23.50	
		1	13	22.52	22.55	22.50	23.50	
		1	24	22.53	22.49	22.42	23.50	
		12	0	22.41	22.43	22.49	23.50	
		12	6	22.36	22.42	22.42	23.50	
		12	13	22.44	22.47	22.55	23.50	
		25	0	22.46	22.48	22.45	23.50	
	16QAM	1	0	22.36	22.49	22.44	23.50	
		1	13	22.48	22.50	22.40	23.50	
		1	24	22.54	22.48	22.52	23.50	
		12	0	21.40	21.45	21.43	22.50	
		12	6	21.53	21.60	21.58	22.50	
		12	13	21.48	21.47	21.53	22.50	
		25	0	21.47	21.47	21.47	22.50	
	64QAM	1	0	21.37	21.59	21.56	22.50	
		1	13	21.53	21.58	21.50	22.50	
		1	24	21.47	21.58	21.55	22.50	
		12	0	20.50	20.58	20.41	21.50	
		12	6	20.45	20.42	20.44	21.50	
		12	13	20.43	20.49	20.40	21.50	
		25	0	20.46	20.60	20.40	21.50	
	256QAM	1	0	18.48	18.48	18.40	19.50	
		1	13	18.40	18.62	18.45	19.50	
		1	24	18.36	18.56	18.44	19.50	
		12	0	18.42	18.56	18.53	19.50	
		12	6	18.53	18.51	18.47	19.50	

Bandwidth	Modulation	12	13	18.47	18.58	18.57	19.50
		25	0	18.36	18.46	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.51	22.60	22.43	23.50
		1	25	22.43	22.54	22.43	23.50
		1	49	22.35	22.58	22.42	23.50
		25	0	22.35	22.57	22.47	23.50
		25	13	22.48	22.51	22.50	23.50
		25	25	22.40	22.44	22.44	23.50
		50	0	22.36	22.46	22.49	23.50
	16QAM	1	0	22.45	22.46	22.53	23.50
		1	25	22.42	22.50	22.55	23.50
		1	49	22.39	22.31	22.53	23.50
		25	0	21.39	21.48	21.50	22.50
		25	13	21.36	21.61	21.45	22.50
		25	25	21.35	21.42	21.41	22.50
		50	0	21.47	21.62	21.55	22.50
	64QAM	1	0	21.42	21.50	21.52	22.50
		1	25	21.41	21.55	21.56	22.50
		1	49	21.35	21.46	21.43	22.50
		25	0	20.39	20.53	20.48	21.50
		25	13	20.41	20.52	20.45	21.50
		25	25	20.48	20.43	20.52	21.50
		50	0	20.36	20.51	20.47	21.50
	256QAM	1	0	18.41	18.57	18.57	19.50
		1	25	18.36	18.55	18.42	19.50
		1	49	18.51	18.49	18.44	19.50
		25	0	18.36	18.60	18.47	19.50
		25	13	18.45	18.58	18.39	19.50
		25	25	18.36	18.51	18.50	19.50
		50	0	18.49	18.43	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.49	22.57	22.61	23.50
		1	38	22.38	22.58	22.43	23.50
		1	74	22.42	22.49	22.43	23.50
		36	0	22.48	22.48	22.43	23.50
		36	18	22.41	22.43	22.44	23.50
		36	39	22.39	22.55	22.51	23.50

	16QAM	75	0	22.45	22.57	22.58	23.50
		1	0	22.48	22.53	22.43	23.50
		1	38	22.36	22.55	22.58	23.50
		1	74	22.46	22.45	22.59	23.50
		36	0	21.41	21.51	21.47	22.50
		36	18	21.41	21.58	21.40	22.50
		36	39	21.50	21.54	21.46	22.50
	75	0	21.53	21.46	21.49	22.50	
	64QAM	1	0	21.54	21.45	21.46	22.50
		1	38	21.46	21.49	21.58	22.50
		1	74	21.40	21.49	21.40	22.50
		36	0	20.40	20.56	20.42	21.50
		36	18	20.35	20.60	20.53	21.50
		36	39	20.48	20.52	20.50	21.50
		75	0	20.43	20.52	20.46	21.50
	256QAM	1	0	18.48	18.61	18.58	19.50
		1	38	18.47	18.43	18.50	19.50
		1	74	18.39	18.44	18.49	19.50
		36	0	18.36	18.55	18.58	19.50
		36	18	18.38	18.49	18.53	19.50
		36	39	18.52	18.43	18.42	19.50
75		0	18.49	18.44	18.58	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.54	22.62	22.59	23.50
		1	50	22.53	22.50	22.51	23.50
		1	99	22.35	22.55	22.44	23.50
		50	0	22.42	22.52	22.46	23.50
		50	25	22.40	22.61	22.58	23.50
		50	50	22.35	22.45	22.50	23.50
		100	0	22.42	22.54	22.40	23.50
	16QAM	1	0	22.48	22.47	22.57	23.50
		1	50	22.43	22.47	22.48	23.50
		1	99	22.37	22.53	22.49	23.50
		50	0	21.37	21.59	21.56	22.50
		50	25	21.52	21.48	21.52	22.50
		50	50	21.35	21.54	21.55	22.50
		100	0	21.35	21.54	21.42	22.50
	64QAM	1	0	21.53	21.50	21.46	22.50
		1	50	21.39	21.48	21.42	22.50

		1	99	21.54	21.57	21.57	22.50
		50	0	20.53	20.55	20.57	21.50
		50	25	20.51	20.58	20.43	21.50
		50	50	20.49	20.42	20.49	21.50
		100	0	20.50	20.50	20.58	21.50
	256QAM	1	0	18.41	18.43	18.59	19.50
		1	50	18.37	18.44	18.50	19.50
		1	99	18.41	18.53	18.40	19.50
		50	0	18.47	18.50	18.51	19.50
		50	25	18.44	18.61	18.56	19.50
		50	50	18.49	18.59	18.49	19.50
		100	0	18.51	18.52	18.39	19.50

LTE Band 4 Ant.2 Full power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.51	23.34	23.50	24.50
		1	2	23.50	23.29	23.36	24.50
		1	5	23.36	23.47	23.48	24.50
		3	0	23.41	23.32	23.47	24.50
		3	2	23.49	23.41	23.55	24.50
		3	3	23.35	23.37	23.38	24.50
		6	0	22.46	22.51	22.48	23.50
	16QAM	1	0	22.61	22.74	22.78	23.50
		1	2	22.78	22.80	22.94	23.50
		1	5	22.59	22.64	22.74	23.50
		3	0	22.39	22.37	22.30	23.50
		3	2	22.55	22.61	22.48	23.50
		3	3	22.51	22.33	22.39	23.50
		6	0	21.37	21.62	21.47	22.50
	64QAM	1	0	21.36	21.34	21.19	22.50
		1	2	21.17	21.23	21.22	22.50
		1	5	21.73	21.43	21.71	22.50
		3	0	21.46	21.48	21.42	22.50
		3	2	21.43	21.35	21.51	22.50
		3	3	21.59	21.29	21.37	22.50
		6	0	20.47	20.53	20.40	21.50
	256QAM	1	0	18.22	18.31	18.47	19.50
		1	2	18.32	18.24	18.34	19.50



		1	5	18.50	18.48	18.48	19.50	
		3	0	18.26	18.26	18.26	19.50	
		3	2	18.12	18.05	18.04	19.50	
		3	3	18.08	18.18	18.23	19.50	
		6	0	18.41	18.49	18.32	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19965	20175	20385		
3MHz	QPSK	1	0	23.70	23.66	23.55	24.50	
		1	7	23.34	23.24	23.58	24.50	
		1	14	23.39	23.44	23.44	24.50	
		8	0	22.30	22.30	22.45	23.50	
		8	4	22.51	22.43	22.21	23.50	
		8	7	22.43	22.44	22.27	23.50	
		15	0	22.48	22.48	22.55	23.50	
	16QAM	1	0	22.72	22.66	22.67	23.50	
		1	7	22.86	22.80	23.00	23.50	
		1	14	22.77	22.83	22.88	23.50	
		8	0	21.51	21.50	21.63	22.50	
		8	4	21.59	21.47	21.64	22.50	
		8	7	21.37	21.40	21.54	22.50	
		15	0	21.52	21.44	21.57	22.50	
	64QAM	1	0	21.35	21.36	21.12	22.50	
		1	7	21.14	21.24	21.18	22.50	
		1	14	21.70	21.64	21.69	22.50	
		8	0	20.63	20.57	20.49	21.50	
		8	4	20.65	20.60	20.50	21.50	
		8	7	20.52	20.53	20.29	21.50	
		15	0	20.45	20.38	20.54	21.50	
	256QAM	1	0	18.36	18.30	18.28	19.50	
		1	7	18.32	18.34	18.28	19.50	
		1	14	18.62	18.63	18.56	19.50	
		8	0	18.28	18.36	18.31	19.50	
		8	4	18.13	18.10	18.11	19.50	
		8	7	17.99	17.96	18.21	19.50	
		15	0	18.49	18.48	18.47	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					19975	20175	20375	
5MHz	QPSK	1	0	23.68	23.62	23.59	24.50	
		1	13	23.32	23.24	23.52	24.50	
		1	24	23.47	23.38	23.45	24.50	

		12	0	22.28	22.36	22.51	23.50	
		12	6	22.49	22.42	22.34	23.50	
		12	13	22.49	22.49	22.37	23.50	
		25	0	22.46	22.43	22.51	23.50	
	16QAM	1	0	22.63	22.64	22.70	23.50	
		1	13	22.83	22.92	23.03	23.50	
		1	24	22.75	22.78	22.87	23.50	
		12	0	21.53	21.43	21.62	22.50	
		12	6	21.56	21.51	21.55	22.50	
		12	13	21.42	21.37	21.51	22.50	
		25	0	21.54	21.46	21.48	22.50	
	64QAM	1	0	21.31	21.40	21.18	22.50	
		1	13	21.17	21.12	21.25	22.50	
		1	24	21.70	21.74	21.65	22.50	
		12	0	20.60	20.56	20.57	21.50	
		12	6	20.53	20.58	20.49	21.50	
		12	13	20.47	20.48	20.39	21.50	
		25	0	20.34	20.37	20.49	21.50	
	256QAM	1	0	18.27	18.35	18.38	19.50	
		1	13	18.31	18.35	18.20	19.50	
		1	24	18.53	18.60	18.65	19.50	
		12	0	18.35	18.26	18.36	19.50	
		12	6	18.08	18.13	18.01	19.50	
		12	13	17.95	18.04	18.13	19.50	
		25	0	18.47	18.47	18.53	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	23.62	23.67	23.57	24.50
1			25	23.30	23.22	23.46	24.50	
1			49	23.39	23.45	23.49	24.50	
25			0	22.34	22.37	22.54	23.50	
25			13	22.39	22.41	22.25	23.50	
25			25	22.43	22.50	22.27	23.50	
50			0	22.41	22.48	22.48	23.50	
16QAM		1	0	22.76	22.70	22.71	23.50	
		1	25	22.79	22.85	23.05	23.50	
		1	49	22.82	22.77	22.86	23.50	
		25	0	21.47	21.45	21.56	22.50	
		25	13	21.55	21.59	21.56	22.50	
		25	25	21.45	21.42	21.58	22.50	

	64QAM	50	0	21.49	21.54	21.56	22.50
		1	0	21.38	21.39	21.21	22.50
		1	25	21.13	21.13	21.24	22.50
		1	49	21.62	21.72	21.76	22.50
		25	0	20.65	20.62	20.53	21.50
		25	13	20.66	20.62	20.45	21.50
		25	25	20.44	20.46	20.38	21.50
		50	0	20.39	20.42	20.54	21.50
	256QAM	1	0	18.25	18.31	18.33	19.50
		1	25	18.29	18.37	18.23	19.50
		1	49	18.54	18.63	18.65	19.50
		25	0	18.34	18.33	18.25	19.50
		25	13	18.14	18.10	18.08	19.50
		25	25	18.02	17.96	18.09	19.50
50	0	18.43	18.42	18.47	19.50		
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20025	20175	20325	
<b>15MHz</b>	QPSK	1	0	23.68	23.63	23.53	24.50
		1	38	23.26	23.23	23.49	24.50
		1	74	23.44	23.44	23.50	24.50
		36	0	22.27	22.32	22.46	23.50
		36	18	22.51	22.50	22.35	23.50
		36	39	22.49	22.49	22.28	23.50
		75	0	22.45	22.49	22.51	23.50
	16QAM	1	0	22.72	22.68	22.63	23.50
		1	38	22.91	22.82	23.02	23.50
		1	74	22.73	22.80	22.87	23.50
		36	0	21.46	21.55	21.56	22.50
		36	18	21.49	21.50	21.60	22.50
		36	39	21.38	21.45	21.55	22.50
		75	0	21.57	21.57	21.52	22.50
	64QAM	1	0	21.44	21.33	21.23	22.50
		1	38	21.21	21.21	21.28	22.50
		1	74	21.73	21.64	21.64	22.50
		36	0	20.58	20.66	20.55	21.50
		36	18	20.64	20.56	20.45	21.50
		36	39	20.55	20.55	20.28	21.50
		75	0	20.40	20.47	20.50	21.50
256QAM	1	0	18.30	18.32	18.38	19.50	
	1	38	18.40	18.31	18.21	19.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20050	20175	20300		
20MHz		1	74	18.52	18.64	18.61	19.50	
		36	0	18.27	18.27	18.27	19.50	
		36	18	18.13	18.04	17.99	19.50	
		36	39	17.93	18.04	18.21	19.50	
		75	0	18.47	18.40	18.45	19.50	
	QPSK	1	0	23.71	23.78	23.55	24.50	
		1	50	23.36	23.28	23.50	24.50	
		1	99	23.46	23.41	23.41	24.50	
		50	0	22.30	22.51	22.58	23.50	
		50	25	22.48	22.42	22.25	23.50	
		50	50	22.42	22.42	22.30	23.50	
		100	0	22.51	22.59	22.50	23.50	
		16QAM	1	0	22.76	22.69	22.61	23.50
			1	50	22.83	22.81	22.95	23.50
			1	99	22.86	22.85	22.87	23.50
			50	0	21.53	21.49	21.57	22.50
			50	25	21.48	21.48	21.64	22.50
			50	50	21.45	21.39	21.59	22.50
			100	0	21.52	21.49	21.56	22.50
		64QAM	1	0	21.36	21.34	21.18	22.50
			1	50	21.12	21.19	21.17	22.50
			1	99	21.70	21.71	21.69	22.50
			50	0	20.57	20.56	20.47	21.50
			50	25	20.67	20.62	20.42	21.50
			50	50	20.45	20.48	20.33	21.50
			100	0	20.34	20.44	20.42	21.50
	256QAM	1	0	18.32	18.26	18.32	19.50	
		1	50	18.29	18.28	18.23	19.50	
1		99	18.54	18.52	18.62	19.50		
50		0	18.26	18.33	18.30	19.50		
50		25	18.12	18.09	17.99	19.50		
50		50	18.00	17.95	18.12	19.50		
100		0	18.41	18.51	18.45	19.50		

### 3.3 Conducted Power of LTE Band 5

LTE Band 5 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.81	23.79	23.81	24.50
		1	2	23.79	23.92	23.90	24.50
		1	5	23.77	23.75	23.83	24.50
		3	0	23.92	23.84	23.84	24.50
		3	2	23.87	23.89	23.89	24.50
		3	3	23.89	23.76	23.83	24.50
		6	0	22.97	22.88	22.82	23.50
	16QAM	1	0	23.18	23.22	23.20	23.50
		1	2	23.18	23.19	23.09	23.50
		1	5	23.24	23.08	23.10	23.50
		3	0	23.02	23.14	23.03	23.50
		3	2	23.11	22.99	23.03	23.50
		3	3	22.91	23.11	22.99	23.50
		6	0	21.95	21.95	21.96	22.50
	64QAM	1	0	21.73	21.74	21.71	22.50
		1	2	21.82	21.78	21.70	22.50
		1	5	22.00	21.91	21.95	22.50
		3	0	21.64	21.65	21.61	22.50
		3	2	21.96	21.72	21.89	22.50
		3	3	22.05	22.03	22.04	22.50
		6	0	20.83	20.76	20.81	21.50
	256QAM	1	0	18.82	18.92	18.90	19.50
		1	2	18.86	18.79	18.76	19.50
		1	5	18.99	19.02	18.88	19.50
		3	0	18.85	18.86	18.76	19.50
		3	2	18.37	18.48	18.53	19.50
		3	3	18.54	18.58	18.50	19.50
		6	0	18.79	18.69	18.81	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.84	23.94	23.84	24.50
		1	7	23.87	23.83	23.81	24.50
		1	14	23.79	23.86	23.86	24.50
		8	0	22.78	22.78	22.86	23.50
		8	4	22.87	22.85	22.72	23.50

		8	7	22.85	22.90	22.79	23.50	
		15	0	22.85	22.89	22.96	23.50	
	16QAM	1	0	23.15	23.08	23.21	23.50	
		1	7	23.33	23.28	23.31	23.50	
		1	14	23.18	23.16	23.13	23.50	
		8	0	21.96	21.90	21.93	22.50	
		8	4	22.01	21.91	22.00	22.50	
		8	7	21.88	21.77	21.88	22.50	
		15	0	21.83	22.01	21.85	22.50	
	64QAM	1	0	21.63	21.74	21.72	22.50	
		1	7	21.68	21.74	21.73	22.50	
		1	14	22.07	22.13	22.06	22.50	
		8	0	21.10	21.00	20.99	21.50	
		8	4	20.86	20.87	20.80	21.50	
		8	7	20.88	20.84	20.79	21.50	
		15	0	21.00	20.89	20.83	21.50	
	256QAM	1	0	18.75	18.76	18.82	19.50	
		1	7	18.77	18.78	18.70	19.50	
		1	14	18.99	18.96	18.96	19.50	
		8	0	18.69	18.71	18.72	19.50	
		8	4	18.48	18.50	18.48	19.50	
		8	7	18.55	18.49	18.67	19.50	
		15	0	18.93	18.82	18.82	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20425	20525	20625	
	5MHz	QPSK	1	0	23.85	23.90	23.92	24.50
			1	13	23.93	23.82	23.83	24.50
			1	24	23.86	23.92	23.85	24.50
12			0	22.71	22.85	22.77	23.50	
12			6	22.85	22.88	22.78	23.50	
12			13	22.91	22.84	22.82	23.50	
25			0	22.80	22.90	22.89	23.50	
16QAM		1	0	23.10	23.17	23.21	23.50	
		1	13	23.22	23.33	23.24	23.50	
		1	24	23.19	23.19	23.04	23.50	
		12	0	22.00	21.85	21.91	22.50	
		12	6	21.97	21.91	21.95	22.50	
		12	13	21.87	21.87	21.95	22.50	
		25	0	21.92	22.03	21.90	22.50	
64QAM		1	0	21.72	21.76	21.79	22.50	

		1	13	21.67	21.67	21.73	22.50
		1	24	21.99	22.12	22.08	22.50
		12	0	21.02	20.93	20.88	21.50
		12	6	20.95	20.79	20.72	21.50
		12	13	20.86	20.87	20.79	21.50
		25	0	20.87	20.83	20.83	21.50
	256QAM	1	0	18.74	18.81	18.78	19.50
		1	13	18.75	18.66	18.69	19.50
		1	24	18.90	18.98	18.99	19.50
		12	0	18.71	18.58	18.81	19.50
		12	6	18.50	18.46	18.49	19.50
		12	13	18.65	18.46	18.55	19.50
	25	0	18.87	18.87	18.80	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600
10MHz	QPSK	1	0	23.86	24.02	23.90	24.50
		1	25	23.82	23.91	23.88	24.50
		1	49	23.81	23.98	23.74	24.50
		25	0	22.83	22.83	22.77	23.50
		25	13	22.83	22.87	22.77	23.50
		25	25	22.92	22.91	22.76	23.50
		50	0	22.77	22.82	22.96	23.50
	16QAM	1	0	23.18	23.16	23.13	23.50
		1	25	23.31	23.24	23.18	23.50
		1	49	23.24	23.13	23.16	23.50
		25	0	21.91	21.88	21.94	22.50
		25	13	22.01	21.87	22.04	22.50
		25	25	21.83	21.89	21.93	22.50
		50	0	21.84	21.99	21.84	22.50
	64QAM	1	0	21.65	21.80	21.79	22.50
		1	25	21.69	21.73	21.72	22.50
		1	49	22.04	22.04	22.12	22.50
		25	0	21.03	21.03	20.88	21.50
		25	13	20.95	20.90	20.84	21.50
		25	25	20.87	20.85	20.82	21.50
		50	0	21.00	20.92	20.81	21.50
	256QAM	1	0	18.73	18.76	18.78	19.50
		1	25	18.74	18.71	18.77	19.50
		1	49	19.03	18.90	18.93	19.50
		25	0	18.64	18.70	18.68	19.50

		25	13	18.46	18.53	18.58	19.50
		25	25	18.64	18.50	18.60	19.50
		50	0	18.84	18.79	18.80	19.50

### 3.4 Conducted Power of LTE Band 12

LTE Band 12 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.11	24.15	24.19	25.00
		1	2	24.05	24.07	24.15	25.00
		1	5	24.16	23.95	24.07	25.00
		3	0	24.03	24.07	24.04	25.00
		3	2	24.10	24.09	24.02	25.00
		3	3	24.02	24.12	23.91	25.00
		6	0	23.04	23.11	23.05	24.00
	16QAM	1	0	23.27	23.19	23.28	24.00
		1	2	23.09	23.10	23.34	24.00
		1	5	23.19	23.28	23.19	24.00
		3	0	23.25	23.12	23.09	24.00
		3	2	23.28	23.25	23.17	24.00
		3	3	23.33	23.19	23.07	24.00
		6	0	22.27	22.46	22.36	23.00
	64QAM	1	0	22.25	22.12	22.34	23.00
		1	2	22.13	22.32	22.22	23.00
		1	5	22.41	22.26	22.34	23.00
		3	0	22.32	22.26	22.21	23.00
		3	2	22.34	22.29	22.13	23.00
		3	3	22.31	22.36	22.17	23.00
		6	0	21.26	21.42	21.33	22.00
	256QAM	1	0	19.61	19.79	19.55	20.00
		1	2	19.57	19.69	19.66	20.00
		1	5	19.62	19.66	19.66	20.00
		3	0	19.72	19.75	19.53	20.00
		3	2	19.55	19.61	19.58	20.00
		3	3	19.31	19.59	19.60	20.00
		6	0	19.53	19.40	19.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23025	23095	23165	25.00
				24.07	24.24	24.15	25.00



		1	7	24.21	24.15	24.12	25.00
		1	14	24.05	24.23	24.11	25.00
		8	0	23.04	23.03	23.13	24.00
		8	4	23.10	23.16	23.05	24.00
		8	7	23.20	23.21	23.06	24.00
		15	0	23.06	23.14	23.23	24.00
	16QAM	1	0	23.44	23.45	23.44	24.00
		1	7	23.58	23.62	23.52	24.00
		1	14	23.54	23.39	23.34	24.00
		8	0	22.30	22.22	22.18	23.00
		8	4	22.26	22.17	22.31	23.00
		8	7	22.23	22.11	22.20	23.00
	64QAM	15	0	22.26	22.21	22.13	23.00
		1	0	21.93	22.11	22.06	23.00
		1	7	22.06	22.05	22.02	23.00
		1	14	22.34	22.34	22.36	23.00
		8	0	21.42	21.35	21.30	22.00
		8	4	21.19	21.14	21.04	22.00
	256QAM	8	7	21.24	21.16	21.18	22.00
		15	0	21.29	21.20	21.04	22.00
		1	0	19.05	19.08	19.19	20.00
1		7	19.03	19.04	19.09	20.00	
1		14	19.24	19.22	19.23	20.00	
8		0	19.00	18.89	19.04	20.00	
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
<b>5MHz</b>	QPSK	8	4	18.73	18.80	18.78	20.00
		8	7	18.88	18.77	18.94	20.00
		15	0	19.24	19.09	19.14	20.00
		1	0	24.15	24.15	24.21	25.00
		1	13	24.20	24.11	24.13	25.00
		1	24	24.08	24.26	24.05	25.00
		12	0	23.04	23.04	23.16	24.00
	16QAM	12	6	23.10	23.22	23.11	24.00
		12	13	23.18	23.18	23.13	24.00
		25	0	23.10	23.15	23.15	24.00
		1	0	23.45	23.41	23.49	24.00
		1	13	23.64	23.61	23.48	24.00
		1	24	23.61	23.47	23.44	24.00
		12	0	22.25	22.21	22.29	23.00

		12	6	22.29	22.16	22.36	23.00
		12	13	22.13	22.20	22.30	23.00
		25	0	22.16	22.25	22.12	23.00
	64QAM	1	0	21.95	22.08	22.11	23.00
		1	13	22.06	22.00	22.05	23.00
		1	24	22.26	22.36	22.39	23.00
		12	0	21.31	21.24	21.22	22.00
		12	6	21.14	21.20	21.09	22.00
		12	13	21.21	21.09	21.08	22.00
		25	0	21.30	21.18	21.13	22.00
	256QAM	1	0	18.99	19.05	19.20	20.00
		1	13	19.08	18.96	19.04	20.00
		1	24	19.24	19.25	19.27	20.00
		12	0	18.89	18.97	18.97	20.00
		12	6	18.79	18.75	18.81	20.00
12		13	18.89	18.79	18.92	20.00	
25		0	19.18	19.10	19.20	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				23060	23095	23130	
<b>10MHz</b>	QPSK	1	0	24.13	24.27	24.21	25.00
		1	25	24.21	24.18	24.06	25.00
		1	49	24.10	24.17	24.08	25.00
		25	0	23.01	23.33	23.09	24.00
		25	13	23.13	23.27	23.09	24.00
		25	25	23.24	23.16	23.10	24.00
		50	0	23.16	23.32	23.26	24.00
	16QAM	1	0	23.41	23.40	23.53	24.00
		1	25	23.59	23.50	23.48	24.00
		1	49	23.52	23.45	23.36	24.00
		25	0	22.32	22.21	22.25	23.00
		25	13	22.34	22.18	22.23	23.00
		25	25	22.14	22.09	22.28	23.00
		50	0	22.20	22.27	22.24	23.00
	64QAM	1	0	21.97	22.13	22.04	23.00
		1	25	22.06	21.92	22.05	23.00
		1	49	22.24	22.35	22.34	23.00
		25	0	21.35	21.29	21.26	22.00
		25	13	21.21	21.19	21.06	22.00
		25	25	21.18	21.13	21.13	22.00
		50	0	21.28	21.16	21.08	22.00

256QAM	1	0	18.97	19.07	19.14	20.00
	1	25	19.11	19.05	19.04	20.00
	1	49	19.20	19.25	19.19	20.00
	25	0	18.90	18.99	19.08	20.00
	25	13	18.69	18.82	18.78	20.00
	25	25	18.91	18.78	18.94	20.00
	50	0	19.15	19.06	19.19	20.00

### 3.5 Conducted Power of LTE Band 14

LTE Band 14 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	24.25	24.34	24.25	25.00
		1	13	24.19	24.19	24.22	25.00
		1	24	24.20	24.28	24.24	25.00
		12	0	23.51	23.38	23.29	24.00
		12	6	23.30	23.33	23.52	24.00
		12	13	23.44	23.32	23.42	24.00
		25	0	23.28	23.26	23.27	24.00
	16QAM	1	0	23.39	23.43	23.25	24.00
		1	13	23.54	23.39	23.42	24.00
		1	24	23.47	23.49	23.27	24.00
		12	0	22.56	22.41	22.32	23.00
		12	6	22.53	22.40	22.54	23.00
		12	13	22.29	22.56	22.43	23.00
		25	0	22.43	22.51	22.60	23.00
	64QAM	1	0	22.47	22.36	22.55	23.00
		1	13	22.43	22.54	22.41	23.00
		1	24	22.44	22.34	22.55	23.00
		12	0	21.42	21.64	21.54	22.00
		12	6	21.48	21.55	21.66	22.00
		12	13	21.44	21.56	21.63	22.00
		25	0	21.62	21.50	21.52	22.00
	256QAM	1	0	19.55	19.54	19.68	20.00
		1	13	19.57	19.59	19.60	20.00
		1	24	19.55	19.53	19.75	20.00
		12	0	19.50	19.71	19.45	20.00
		12	6	19.64	19.68	19.52	20.00
		12	13	19.40	19.44	19.63	20.00

Bandwidth	Modulation	25	0	19.47	19.49	19.78	20.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	QPSK	1	0	/	23330	/	25.00	
		1	25	/	24.36	/	25.00	
		1	49	/	24.18	/	25.00	
		25	0	/	24.34	/	25.00	
		25	13	/	23.40	/	24.00	
		25	25	/	23.34	/	24.00	
		50	0	/	23.38	/	24.00	
	16QAM	1	0	/	23.35	/	24.00	
		1	25	/	23.55	/	24.00	
		1	49	/	23.29	/	24.00	
		25	0	/	23.40	/	24.00	
		25	13	/	22.46	/	23.00	
		25	25	/	22.37	/	23.00	
		50	0	/	22.51	/	23.00	
	64QAM	1	0	/	22.55	/	23.00	
		1	25	/	22.37	/	23.00	
		1	49	/	22.56	/	23.00	
		25	0	/	22.41	/	23.00	
		25	13	/	21.56	/	22.00	
		25	25	/	21.60	/	22.00	
		50	0	/	21.56	/	22.00	
	256QAM	1	0	/	21.44	/	22.00	
		1	25	/	19.54	/	20.00	
		1	49	/	19.64	/	20.00	
		25	0	/	19.57	/	20.00	
		25	13	/	19.62	/	20.00	
		25	25	/	19.68	/	20.00	
		50	0	/	19.49	/	20.00	
					/	19.56	/	20.00

### 3.6 Conducted Power of LTE Band 17

LTE Band 17 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23755	23790	23825	
5MHz	QPSK	1	0	24.22	24.37	24.24	25.00
		1	13	24.04	24.11	24.16	25.00
		1	24	24.20	24.16	24.09	25.00
		12	0	23.23	23.27	23.17	24.00
		12	6	23.14	23.31	23.42	24.00
		12	13	23.37	23.35	23.29	24.00
		25	0	23.22	23.27	23.15	24.00
	16QAM	1	0	23.32	23.36	23.18	24.00
		1	13	23.24	23.18	23.39	24.00
		1	24	23.20	23.31	23.28	24.00
		12	0	22.46	22.38	22.37	23.00
		12	6	22.22	22.35	22.29	23.00
		12	13	22.25	22.42	22.28	23.00
		25	0	22.40	22.42	22.45	23.00
	64QAM	1	0	22.27	22.32	22.43	23.00
		1	13	22.36	22.37	22.29	23.00
		1	24	22.47	22.28	22.29	23.00
		12	0	21.39	21.45	21.41	22.00
		12	6	21.45	21.47	21.47	22.00
		12	13	21.42	21.63	21.44	22.00
		25	0	21.45	21.46	21.39	22.00
	256QAM	1	0	19.49	19.64	19.66	20.00
		1	13	19.39	19.64	19.49	20.00
		1	24	19.50	19.42	19.71	20.00
		12	0	19.36	19.65	19.37	20.00
		12	6	19.60	19.56	19.44	20.00
		12	13	19.26	19.54	19.48	20.00
		25	0	19.53	19.36	19.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.19	24.40	24.21	25.00
		1	25	24.07	24.12	24.25	25.00
		1	49	24.12	24.23	24.17	25.00
		25	0	23.34	23.48	23.16	24.00
		25	13	23.15	23.37	23.37	24.00

		25	25	23.34	23.41	23.30	24.00
		50	0	23.27	23.37	23.17	24.00
	16QAM	1	0	23.35	23.41	23.20	24.00
		1	25	23.26	23.21	23.33	24.00
		1	49	23.17	23.36	23.32	24.00
		25	0	22.52	22.41	22.37	23.00
		25	13	22.28	22.34	22.35	23.00
		25	25	22.30	22.35	22.33	23.00
		50	0	22.32	22.50	22.58	23.00
	64QAM	1	0	22.31	22.25	22.33	23.00
		1	25	22.37	22.44	22.21	23.00
		1	49	22.53	22.34	22.23	23.00
		25	0	21.29	21.49	21.44	22.00
		25	13	21.39	21.48	21.43	22.00
		25	25	21.38	21.61	21.32	22.00
		50	0	21.58	21.40	21.34	22.00
	256QAM	1	0	19.52	19.53	19.61	20.00
		1	25	19.41	19.64	19.50	20.00
		1	49	19.46	19.48	19.72	20.00
		25	0	19.37	19.61	19.42	20.00
		25	13	19.53	19.61	19.38	20.00
		25	25	19.34	19.50	19.39	20.00
		50	0	19.53	19.42	19.56	20.00

### 3.7 Conducted Power of LTE Band 26

LTE Band 26 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.74	23.83	23.81	24.50
		1	2	23.61	23.80	23.79	24.50
		1	5	23.76	23.69	23.88	24.50
		3	0	23.62	23.64	23.74	24.50
		3	2	23.82	23.83	23.69	24.50
		3	3	23.64	23.85	23.64	24.50
		6	0	22.79	22.82	22.80	23.50
	16QAM	1	0	23.06	22.94	22.95	23.50
		1	2	22.81	22.85	22.97	23.50
		1	5	22.96	22.96	22.84	23.50
		3	0	22.99	22.78	22.75	23.50
		3	2	22.88	22.94	22.80	23.50
		3	3	22.85	22.88	22.82	23.50
		6	0	22.01	22.12	22.07	22.50
	64QAM	1	0	22.00	21.80	22.09	22.50
		1	2	21.89	21.98	21.87	22.50
		1	5	22.01	21.99	21.96	22.50
		3	0	21.99	22.05	21.88	22.50
		3	2	22.02	22.06	21.82	22.50
		3	3	22.01	22.04	21.85	22.50
		6	0	20.96	21.09	21.03	21.50
	256QAM	1	0	19.33	19.22	19.26	19.50
		1	2	19.25	19.36	19.31	19.50
		1	5	19.22	19.39	19.25	19.50
3		0	19.46	19.33	19.19	19.50	
3		2	19.33	19.22	19.31	19.50	
3		3	19.05	19.22	19.19	19.50	
6		0	19.38	19.09	19.22	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.73	23.84	23.78	24.50
		1	7	23.52	23.72	23.67	24.50
		1	14	23.65	23.66	23.55	24.50
		8	0	22.77	22.76	22.59	23.50
		8	4	22.55	22.83	22.93	23.50

		8	7	22.77	22.79	22.80	23.50	
		15	0	22.79	22.82	22.56	23.50	
	16QAM	1	0	22.88	22.85	22.67	23.50	
		1	7	22.76	22.77	22.85	23.50	
		1	14	22.70	22.84	22.85	23.50	
		8	0	22.00	21.98	21.93	22.50	
		8	4	21.78	21.90	21.85	22.50	
		8	7	21.73	21.86	21.84	22.50	
		15	0	21.84	21.99	22.07	22.50	
		64QAM	1	0	21.82	21.81	21.86	22.50
	1		7	21.85	21.87	21.79	22.50	
	1		14	22.09	21.74	21.74	22.50	
	8		0	20.84	21.03	20.95	21.50	
	8		4	20.91	20.90	21.01	21.50	
	8		7	20.85	21.10	20.84	21.50	
	15		0	20.98	21.00	20.92	21.50	
	256QAM	1	0	19.03	19.04	19.07	19.50	
		1	7	18.94	19.12	18.91	19.50	
		1	14	18.99	18.99	19.18	19.50	
		8	0	18.96	19.17	18.92	19.50	
		8	4	19.01	19.08	18.94	19.50	
		8	7	18.86	18.97	18.92	19.50	
		15	0	19.10	18.87	19.09	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					26715	26865	27015	
	5MHz	QPSK	1	0	23.69	23.89	23.72	24.50
			1	13	23.61	23.64	23.67	24.50
			1	24	23.60	23.61	23.67	24.50
12			0	22.83	22.78	22.66	23.50	
12			6	22.56	22.83	22.88	23.50	
12			13	22.77	22.78	22.83	23.50	
25			0	22.77	22.82	22.68	23.50	
16QAM			1	0	22.83	22.87	22.63	23.50
		1	13	22.74	22.73	22.83	23.50	
		1	24	22.72	22.76	22.88	23.50	
		12	0	22.01	21.91	21.93	22.50	
		12	6	21.80	21.80	21.77	22.50	
		12	13	21.83	21.95	21.74	22.50	
		25	0	21.83	21.99	21.98	22.50	
64QAM		1	0	21.85	21.78	21.95	22.50	



		1	13	21.81	21.93	21.72	22.50
		1	24	22.01	21.86	21.83	22.50
		12	0	20.90	20.97	20.94	21.50
		12	6	20.93	20.88	21.03	21.50
		12	13	20.86	21.12	20.94	21.50
		25	0	21.06	20.98	20.83	21.50
	256QAM	1	0	19.02	19.03	19.13	19.50
		1	13	18.83	19.07	19.00	19.50
		1	24	18.95	18.94	19.20	19.50
		12	0	18.91	19.18	18.88	19.50
		12	6	19.02	19.09	18.94	19.50
		12	13	18.76	19.02	18.99	19.50
	25	0	19.11	18.97	19.11	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
26750					26865	26990	
10MHz	QPSK	1	0	23.77	23.79	23.83	24.50
		1	25	23.60	23.64	23.67	24.50
		1	49	23.63	23.64	23.60	24.50
		25	0	22.80	22.78	22.58	23.50
		25	13	22.54	22.87	22.84	23.50
		25	25	22.82	22.78	22.78	23.50
		50	0	22.70	22.76	22.67	23.50
	16QAM	1	0	22.78	22.89	22.69	23.50
		1	25	22.71	22.74	22.80	23.50
		1	49	22.74	22.84	22.83	23.50
		25	0	21.91	21.99	21.84	22.50
		25	13	21.82	21.90	21.86	22.50
		25	25	21.83	21.92	21.75	22.50
	64QAM	50	0	21.91	21.92	22.09	22.50
		1	0	21.88	21.82	21.83	22.50
		1	25	21.80	21.87	21.75	22.50
		1	49	22.05	21.83	21.83	22.50
		25	0	20.83	21.02	21.01	21.50
		25	13	20.89	20.93	21.03	21.50
	256QAM	25	25	20.95	21.08	20.87	21.50
		50	0	21.05	20.93	20.91	21.50
		1	0	18.92	19.16	19.06	19.50
		1	25	18.85	19.01	18.92	19.50
		1	49	18.92	18.94	19.15	19.50
		25	0	18.89	19.19	18.96	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26775	26865	26965			
15MHz		25	13	19.04	19.18	18.93	19.50		
		25	25	18.80	18.96	18.92	19.50		
		50	0	19.00	18.88	19.17	19.50		
	QPSK	16QAM	1	0	23.67	23.96	23.71	24.50	
			1	38	23.55	23.67	23.73	24.50	
			1	74	23.67	23.70	23.63	24.50	
			36	0	22.78	22.92	22.61	23.50	
			36	18	22.62	22.81	22.91	23.50	
			36	39	22.80	22.88	22.73	23.50	
			75	0	22.78	22.79	22.61	23.50	
		64QAM	256QAM	1	0	21.86	22.80	22.73	23.50
				1	38	22.72	22.69	22.79	23.50
				1	74	22.74	22.85	22.79	23.50
				36	0	22.00	21.95	21.82	22.50
				36	18	21.81	21.92	21.79	22.50
				36	39	21.85	21.84	21.75	22.50
				75	0	21.80	21.99	21.96	22.50
		256QAM		1	0	21.86	21.76	21.82	22.50
				1	38	21.85	21.89	21.75	22.50
				1	74	22.01	21.76	21.79	22.50
				36	0	20.80	21.01	20.89	21.50
				36	18	21.01	20.86	21.03	21.50
				36	39	20.92	21.02	20.87	21.50
				75	0	21.07	20.97	20.79	21.50
		256QAM		1	0	18.98	19.11	19.11	19.50
				1	38	18.97	19.01	19.01	19.50
				1	74	18.99	18.94	19.12	19.50
				36	0	18.85	19.07	18.93	19.50
				36	18	19.03	19.15	18.97	19.50
				36	39	18.76	19.03	18.97	19.50
75	0			19.07	18.87	19.05	19.50		

### 3.8 Conducted Power of LTE Band 30

LTE Band 30 Ant.3 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	23.33	23.35	23.24	24.50
		1	13	23.19	23.20	23.32	24.50
		1	24	23.30	23.27	23.28	24.50
		12	0	22.21	22.16	22.12	23.50
		12	6	22.27	22.22	22.15	23.50
		12	13	22.36	22.26	22.19	23.50
		25	0	22.20	22.31	22.34	23.50
	16QAM	1	0	22.18	22.15	22.19	23.50
		1	13	22.17	22.22	22.14	23.50
		1	24	22.27	22.24	22.14	23.50
		12	0	21.41	21.31	21.23	22.50
		12	6	21.51	21.37	21.38	22.50
		12	13	21.43	21.36	21.19	22.50
		25	0	21.39	21.19	21.31	22.50
	64QAM	1	0	21.20	21.10	21.08	22.50
		1	13	21.05	21.04	21.05	22.50
		1	24	21.34	21.13	21.02	22.50
		12	0	20.52	20.37	20.40	21.50
		12	6	20.27	20.29	20.30	21.50
		12	13	20.25	20.23	20.21	21.50
		25	0	20.39	20.25	20.20	21.50
	256QAM	1	0	18.21	18.09	18.16	19.50
		1	13	18.15	18.15	18.08	19.50
		1	24	18.31	18.36	18.39	19.50
		12	0	17.99	18.13	18.08	19.50
		12	6	17.80	17.89	17.97	19.50
		12	13	17.80	17.80	17.86	19.50
		25	0	18.20	18.12	18.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	27710	/	24.50
		1	25	/	27710	/	24.50
		1	49	/	27710	/	24.50
		25	0	/	27710	/	23.50
		25	13	/	27710	/	23.50
		25	13	/	27710	/	23.50

		25	25	/	22.23	/	23.50
		50	0	/	22.30	/	23.50
	16QAM	1	0	/	22.16	/	23.50
		1	25	/	22.24	/	23.50
		1	49	/	22.23	/	23.50
		25	0	/	21.39	/	22.50
		25	13	/	21.33	/	22.50
		25	25	/	21.28	/	22.50
		50	0	/	21.16	/	22.50
	64QAM	1	0	/	21.20	/	22.50
		1	25	/	20.95	/	22.50
		1	49	/	21.14	/	22.50
		25	0	/	20.41	/	21.50
		25	13	/	20.37	/	21.50
		25	25	/	20.19	/	21.50
		50	0	/	20.26	/	21.50
	256QAM	1	0	/	18.13	/	19.50
		1	25	/	18.04	/	19.50
		1	49	/	18.30	/	19.50
		25	0	/	18.20	/	19.50
		25	13	/	17.86	/	19.50
		25	25	/	17.87	/	19.50
		50	0	/	18.18	/	19.50

LTE Band 30 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	20.09	20.18	20.03	21.00
		1	13	20.07	20.14	19.93	21.00
		1	24	20.06	20.17	19.97	21.00
		12	0	19.96	20.11	19.94	21.00
		12	6	19.94	20.16	20.05	21.00
		12	13	20.14	20.12	20.00	21.00
		25	0	20.11	20.02	19.97	21.00
	16QAM	1	0	20.00	20.05	19.99	21.00
		1	13	19.99	20.13	19.94	21.00
		1	24	20.00	20.11	20.02	21.00
		12	0	20.05	20.17	20.06	21.00
		12	6	20.09	20.16	19.96	21.00

		12	13	20.10	20.03	19.93	21.00
		25	0	19.98	20.08	20.01	21.00
	64QAM	1	0	20.02	20.20	20.05	21.00
		1	13	20.10	20.14	20.05	21.00
		1	24	20.12	20.07	19.92	21.00
		12	0	20.05	20.09	20.10	21.00
		12	6	19.94	20.20	19.98	21.00
		12	13	20.09	20.21	19.92	21.00
		25	0	20.09	20.20	19.92	21.00
	256QAM	1	0	18.49	18.64	18.51	19.50
		1	13	18.57	18.52	18.44	19.50
		1	24	18.50	18.72	18.54	19.50
		12	0	18.54	18.58	18.50	19.50
		12	6	18.53	18.53	18.59	19.50
12		13	18.51	18.64	18.54	19.50	
25		0	18.52	18.65	18.54	19.50	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				/	27710	/	
<b>10MHz</b>	QPSK	1	0	/	20.22	/	21.00
		1	25	/	20.05	/	21.00
		1	49	/	20.05	/	21.00
		25	0	/	20.14	/	21.00
		25	13	/	20.05	/	21.00
		25	25	/	20.20	/	21.00
		50	0	/	20.05	/	21.00
	16QAM	1	0	/	20.15	/	21.00
		1	25	/	20.04	/	21.00
		1	49	/	20.16	/	21.00
		25	0	/	20.16	/	21.00
		25	13	/	20.03	/	21.00
		25	25	/	20.04	/	21.00
		50	0	/	20.04	/	21.00
	64QAM	1	0	/	20.13	/	21.00
		1	25	/	20.15	/	21.00
		1	49	/	20.03	/	21.00
		25	0	/	20.15	/	21.00
		25	13	/	20.10	/	21.00
		25	25	/	20.02	/	21.00
		50	0	/	20.03	/	21.00
	256QAM	1	0	/	18.64	/	19.50

		1	25	/	18.58	/	19.50
		1	49	/	18.68	/	19.50
		25	0	/	18.57	/	19.50
		25	13	/	18.63	/	19.50
		25	25	/	18.70	/	19.50
		50	0	/	18.52	/	19.50

LTE Band 30 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	22.47	22.52	22.42	23.50
		1	13	22.36	22.50	22.39	23.50
		1	24	22.39	22.44	22.35	23.50
		12	0	22.45	22.34	22.38	23.50
		12	6	22.47	22.43	22.38	23.50
		12	13	22.42	22.43	22.33	23.50
		25	0	22.46	22.43	22.50	23.50
	16QAM	1	0	22.38	22.47	22.36	23.50
		1	13	22.34	22.45	22.40	23.50
		1	24	22.32	22.39	22.51	23.50
		12	0	21.42	21.41	21.35	22.50
		12	6	21.43	21.54	21.48	22.50
		12	13	21.44	21.47	21.44	22.50
		25	0	21.53	21.52	21.47	22.50
	64QAM	1	0	21.38	21.56	21.32	22.50
		1	13	21.46	21.48	21.47	22.50
		1	24	21.46	21.43	21.42	22.50
		12	0	20.39	20.46	20.40	21.50
		12	6	20.45	20.59	20.50	21.50
		12	13	20.36	20.59	20.32	21.50
		25	0	20.54	20.49	20.40	21.50
	256QAM	1	0	18.50	18.44	18.33	19.50
		1	13	18.51	18.47	18.36	19.50
		1	24	18.46	18.53	18.36	19.50
		12	0	18.52	18.51	18.50	19.50
		12	6	18.43	18.61	18.38	19.50
		12	13	18.42	18.53	18.37	19.50
		25	0	18.48	18.48	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	27710	/	
10MHz	QPSK	1	0	/	22.61	/	23.50
		1	25	/	22.57	/	23.50
		1	49	/	22.59	/	23.50
		25	0	/	22.54	/	23.50
		25	13	/	22.59	/	23.50
		25	25	/	22.56	/	23.50
		50	0	/	22.52	/	23.50
	16QAM	1	0	/	22.46	/	23.50
		1	25	/	22.51	/	23.50
		1	49	/	22.48	/	23.50
		25	0	/	21.46	/	22.50
		25	13	/	21.54	/	22.50
		25	25	/	21.41	/	22.50
		50	0	/	21.44	/	22.50
	64QAM	1	0	/	21.46	/	22.50
		1	25	/	21.51	/	22.50
		1	49	/	21.44	/	22.50
		25	0	/	20.61	/	21.50
		25	13	/	20.51	/	21.50
		25	25	/	20.44	/	21.50
		50	0	/	20.52	/	21.50
	256QAM	1	0	/	18.58	/	19.50
		1	25	/	18.60	/	19.50
		1	49	/	18.59	/	19.50
		25	0	/	18.45	/	19.50
		25	13	/	18.42	/	19.50
		25	25	/	18.52	/	19.50
		50	0	/	18.45	/	19.50

LTE Band 30 Ant.3 ECI1_Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	22.10	22.11	22.06	23.00
		1	13	21.91	22.01	22.02	23.00
		1	24	22.07	22.04	22.01	23.00
		12	0	22.03	21.96	21.94	23.00
		12	6	21.94	22.02	22.05	23.00
		12	13	22.00	22.09	22.07	23.00

		25	0	21.97	22.06	22.02	23.00
	16QAM	1	0	21.92	22.10	22.01	23.00
		1	13	22.05	21.98	22.03	23.00
		1	24	22.03	22.05	21.93	23.00
		12	0	21.48	21.59	21.57	22.50
		12	6	21.44	21.53	21.48	22.50
		12	13	21.57	21.60	21.45	22.50
		25	0	21.60	21.51	21.50	22.50
	64QAM	1	0	21.55	21.62	21.48	22.50
		1	13	21.50	21.55	21.53	22.50
		1	24	21.54	21.54	21.43	22.50
		12	0	20.47	20.64	20.46	21.50
		12	6	20.52	20.52	20.53	21.50
		12	13	20.44	20.53	20.42	21.50
		25	0	20.46	20.47	20.49	21.50
	256QAM	1	0	18.43	18.62	18.61	19.50
		1	13	18.54	18.50	18.45	19.50
		1	24	18.48	18.50	18.42	19.50
		12	0	18.42	18.61	18.50	19.50
		12	6	18.50	18.62	18.42	19.50
		12	13	18.50	18.50	18.48	19.50
		25	0	18.41	18.54	18.46	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				/	27710	/	
<b>10MHz</b>	QPSK	1	0	/	22.16	/	23.00
		1	25	/	22.13	/	23.00
		1	49	/	21.98	/	23.00
		25	0	/	22.08	/	23.00
		25	13	/	22.13	/	23.00
		25	25	/	22.06	/	23.00
		50	0	/	22.03	/	23.00
	16QAM	1	0	/	22.00	/	23.00
		1	25	/	22.11	/	23.00
		1	49	/	22.03	/	23.00
		25	0	/	21.54	/	22.50
		25	13	/	21.62	/	22.50
		25	25	/	21.52	/	22.50
		50	0	/	21.51	/	22.50
	64QAM	1	0	/	21.51	/	22.50
		1	25	/	21.52	/	22.50



		1	49	/	21.62	/	22.50
		25	0	/	20.64	/	21.50
		25	13	/	20.56	/	21.50
		25	25	/	20.48	/	21.50
		50	0	/	20.47	/	21.50
	256QAM	1	0	/	18.48	/	19.50
		1	25	/	18.58	/	19.50
		1	49	/	18.53	/	19.50
		25	0	/	18.55	/	19.50
		25	13	/	18.65	/	19.50
		25	25	/	18.65	/	19.50
		50	0	/	18.63	/	19.50

LTE Band 30 Ant.2 Full power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	23.41	23.72	23.58	24.50
		1	13	23.56	23.28	23.48	24.50
		1	24	23.40	23.40	23.44	24.50
		12	0	22.41	22.37	22.57	23.50
		12	6	22.44	22.47	22.34	23.50
		12	13	22.64	22.38	22.35	23.50
		25	0	22.56	22.48	22.55	23.50
	16QAM	1	0	22.67	22.63	22.61	23.50
		1	13	22.74	22.91	22.94	23.50
		1	24	22.78	22.84	22.85	23.50
		12	0	21.62	21.46	21.60	22.50
		12	6	21.63	21.53	21.54	22.50
		12	13	21.54	21.44	21.48	22.50
		25	0	21.38	21.53	21.56	22.50
	64QAM	1	0	21.45	21.38	21.15	22.50
		1	13	21.14	21.17	21.20	22.50
		1	24	21.76	21.67	21.71	22.50
		12	0	20.63	20.58	20.46	21.50
		12	6	20.44	20.61	20.46	21.50
		12	13	20.48	20.43	20.36	21.50
		25	0	20.56	20.37	20.43	21.50
	256QAM	1	0	18.37	18.37	18.37	19.50
		1	13	18.35	18.40	18.32	19.50

		1	24	18.53	18.63	18.53	19.50
		12	0	18.22	18.38	18.25	19.50
		12	6	18.07	18.13	18.00	19.50
		12	13	18.12	18.02	18.18	19.50
		25	0	18.28	18.40	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	23.77	/	24.50
		1	25	/	23.36	/	24.50
		1	49	/	23.39	/	24.50
		25	0	/	22.64	/	23.50
		25	13	/	22.52	/	23.50
		25	25	/	22.40	/	23.50
		50	0	/	22.48	/	23.50
	16QAM	1	0	/	22.75	/	23.50
		1	25	/	22.92	/	23.50
		1	49	/	22.74	/	23.50
		25	0	/	21.55	/	22.50
		25	13	/	21.47	/	22.50
		25	25	/	21.45	/	22.50
		50	0	/	21.57	/	22.50
	64QAM	1	0	/	21.37	/	22.50
		1	25	/	21.22	/	22.50
		1	49	/	21.71	/	22.50
		25	0	/	20.55	/	21.50
		25	13	/	20.61	/	21.50
		25	25	/	20.47	/	21.50
		50	0	/	20.39	/	21.50
	256QAM	1	0	/	18.32	/	19.50
		1	25	/	18.29	/	19.50
		1	49	/	18.53	/	19.50
		25	0	/	18.37	/	19.50
		25	13	/	18.05	/	19.50
		25	25	/	17.92	/	19.50
		50	0	/	18.49	/	19.50

LTE Band 30 Ant.2 ECI3_Receiver on for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	

5MHz	QPSK	1	0	18.97	19.14	18.98	20.00
		1	13	19.06	19.09	18.94	20.00
		1	24	18.93	19.08	18.95	20.00
		12	0	19.08	19.01	18.95	20.00
		12	6	19.09	19.13	19.00	20.00
		12	13	18.97	19.10	19.01	20.00
		25	0	18.97	19.08	18.99	20.00
	16QAM	1	0	19.02	19.03	18.88	20.00
		1	13	18.93	19.12	18.93	20.00
		1	24	19.03	19.03	18.93	20.00
		12	0	19.09	19.04	18.94	20.00
		12	6	18.91	19.02	19.02	20.00
		12	13	19.06	19.11	18.99	20.00
		25	0	18.97	19.06	18.89	20.00
	64QAM	1	0	18.97	19.12	18.93	20.00
		1	13	19.01	19.04	18.97	20.00
		1	24	18.99	19.03	18.88	20.00
		12	0	19.04	19.16	18.89	20.00
		12	6	18.97	19.17	19.05	20.00
		12	13	19.05	19.19	18.98	20.00
		25	0	19.09	19.15	18.86	20.00
	256QAM	1	0	18.49	18.68	18.49	19.50
		1	13	18.50	18.63	18.43	19.50
		1	24	18.61	18.58	18.49	19.50
		12	0	18.56	18.62	18.47	19.50
		12	6	18.44	18.62	18.43	19.50
		12	13	18.51	18.61	18.53	19.50
		25	0	18.56	18.56	18.42	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
10MHz	QPSK	1	0	/	19.21	/	20.00
		1	25	/	19.06	/	20.00
		1	49	/	19.20	/	20.00
		25	0	/	19.08	/	20.00
		25	13	/	19.20	/	20.00
		25	25	/	19.05	/	20.00
		50	0	/	19.05	/	20.00
	16QAM	1	0	/	19.14	/	20.00
		1	25	/	19.17	/	20.00
		1	49	/	19.05	/	20.00

		25	0	/	19.14	/	20.00
		25	13	/	19.07	/	20.00
		25	25	/	19.16	/	20.00
		50	0	/	19.10	/	20.00
	64QAM	1	0	/	19.17	/	20.00
		1	25	/	19.14	/	20.00
		1	49	/	19.04	/	20.00
		25	0	/	19.16	/	20.00
		25	13	/	19.16	/	20.00
		25	25	/	19.07	/	20.00
		50	0	/	19.12	/	20.00
	256QAM	1	0	/	18.61	/	19.50
		1	25	/	18.71	/	19.50
		1	49	/	18.67	/	19.50
		25	0	/	18.61	/	19.50
		25	13	/	18.58	/	19.50
		25	25	/	18.60	/	19.50
		50	0	/	18.66	/	19.50

LTE Band 30 Ant.2 ECI4_Hotspot on for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	20.03	20.14	20.02	21.00
		1	13	20.00	20.01	19.97	21.00
		1	24	19.89	19.98	19.91	21.00
		12	0	19.88	20.06	20.05	21.00
		12	6	19.85	20.08	20.01	21.00
		12	13	19.89	20.08	19.94	21.00
		25	0	20.03	19.96	20.06	21.00
	16QAM	1	0	19.92	19.97	20.06	21.00
		1	13	19.91	20.07	20.07	21.00
		1	24	19.86	19.98	19.91	21.00
		12	0	19.94	19.97	20.02	21.00
		12	6	20.02	19.98	20.01	21.00
		12	13	19.91	20.12	20.02	21.00
		25	0	19.87	20.05	19.97	21.00
	64QAM	1	0	19.85	20.13	20.01	21.00
		1	13	19.87	20.15	20.05	21.00
		1	24	19.88	20.04	19.99	21.00

		12	0	20.00	20.11	20.08	21.00
		12	6	19.95	20.14	19.90	21.00
		12	13	19.84	20.09	20.00	21.00
		25	0	20.01	19.98	19.92	21.00
	256QAM	1	0	18.37	18.48	18.44	19.50
		1	13	18.51	18.50	18.53	19.50
		1	24	18.41	18.46	18.54	19.50
		12	0	18.34	18.52	18.49	19.50
	12	6	18.39	18.53	18.49	19.50	
	12	13	18.50	18.59	18.46	19.50	
	25	0	18.44	18.66	18.59	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	20.21	/	21.00
		1	25	/	20.05	/	21.00
		1	49	/	20.01	/	21.00
		25	0	/	20.06	/	21.00
		25	13	/	19.97	/	21.00
		25	25	/	20.10	/	21.00
		50	0	/	20.09	/	21.00
	16QAM	1	0	/	20.16	/	21.00
		1	25	/	19.97	/	21.00
		1	49	/	20.16	/	21.00
		25	0	/	20.04	/	21.00
		25	13	/	20.10	/	21.00
		25	25	/	20.01	/	21.00
		50	0	/	19.97	/	21.00
	64QAM	1	0	/	20.15	/	21.00
		1	25	/	19.99	/	21.00
		1	49	/	20.03	/	21.00
		25	0	/	20.03	/	21.00
		25	13	/	19.97	/	21.00
		25	25	/	20.02	/	21.00
		50	0	/	19.97	/	21.00
	256QAM	1	0	/	18.55	/	19.50
		1	25	/	18.66	/	19.50
		1	49	/	18.55	/	19.50
		25	0	/	18.66	/	19.50
		25	13	/	18.65	/	19.50
		25	25	/	18.62	/	19.50

		50	0	/	18.54	/	19.50
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### 3.9 Conducted Power of LTE Band 48

LTE Band 48 Ant.4 Full power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	23.17	23.16	23.22	23.28	24.50
		1	13	23.08	23.08	23.17	23.18	24.50
		1	24	23.28	23.20	23.22	23.25	24.50
		12	0	22.28	22.31	22.27	22.18	23.50
		12	6	22.13	22.25	22.22	22.24	23.50
		12	13	22.28	22.32	22.34	22.22	23.50
		25	0	22.22	22.29	22.20	22.09	23.50
	16QAM	1	0	22.38	22.40	22.40	22.31	23.50
		1	13	22.29	22.37	22.30	22.27	23.50
		1	24	22.20	22.22	22.20	22.25	23.50
		12	0	21.30	21.32	21.37	21.29	22.50
		12	6	21.35	21.35	21.42	21.30	22.50
		12	13	21.33	21.41	21.34	21.43	22.50
		25	0	21.39	21.37	21.38	21.41	22.50
	64QAM	1	0	21.37	21.42	21.42	21.40	22.50
		1	13	21.23	21.29	21.35	21.45	22.50
		1	24	21.33	21.43	21.28	21.38	22.50
		12	0	20.42	20.42	20.29	20.47	21.50
		12	6	20.50	20.45	20.51	20.37	21.50
		12	13	20.43	20.49	20.42	20.38	21.50
		25	0	20.41	20.43	20.53	20.46	21.50
	256QAM	1	0	18.56	18.61	18.64	18.64	19.50
		1	13	18.66	18.63	18.65	18.52	19.50
		1	24	18.59	18.52	18.62	18.60	19.50
		12	0	18.61	18.60	18.56	18.60	19.50
		12	6	18.51	18.59	18.56	18.57	19.50
		12	13	18.60	18.55	18.55	18.62	19.50
		25	0	18.61	18.48	18.49	18.55	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK			55290	55815	56165	56690	
		1	0	23.26	23.15	23.23	23.22	24.50
		1	25	23.16	23.11	23.27	23.20	24.50
		1	49	23.20	23.19	23.25	23.28	24.50

		25	0	22.29	22.25	22.26	22.13	23.50	
		25	13	22.22	22.22	22.24	22.24	23.50	
		25	25	22.32	22.26	22.30	22.27	23.50	
		50	0	22.32	22.29	22.23	22.15	23.50	
	16QAM	1	0	22.32	22.31	22.44	22.29	23.50	
		1	25	22.29	22.33	22.32	22.29	23.50	
		1	49	22.26	22.24	22.29	22.29	23.50	
		25	0	21.28	21.27	21.27	21.32	22.50	
		25	13	21.46	21.43	21.37	21.34	22.50	
		25	25	21.34	21.39	21.31	21.42	22.50	
		50	0	21.44	21.40	21.39	21.40	22.50	
	64QAM	1	0	21.36	21.42	21.36	21.31	22.50	
		1	25	21.36	21.35	21.29	21.40	22.50	
		1	49	21.37	21.33	21.40	21.37	22.50	
		25	0	20.38	20.37	20.28	20.48	21.50	
		25	13	20.51	20.41	20.53	20.38	21.50	
		25	25	20.51	20.42	20.42	20.36	21.50	
		50	0	20.42	20.37	20.43	20.41	21.50	
	256QAM	1	0	18.59	18.51	18.67	18.66	19.50	
		1	25	18.58	18.63	18.58	18.66	19.50	
		1	49	18.50	18.62	18.66	18.60	19.50	
		25	0	18.63	18.67	18.52	18.61	19.50	
		25	13	18.55	18.54	18.58	18.50	19.50	
		25	25	18.55	18.58	18.49	18.57	19.50	
		50	0	18.53	18.61	18.60	18.61	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
					55315	55820	56160	56665	
	15MHz	QPSK	1	0	23.25	23.18	23.31	23.30	24.50
1			38	23.09	23.08	23.18	23.20	24.50	
1			74	23.29	23.29	23.14	23.30	24.50	
36			0	22.26	22.19	22.15	22.17	23.50	
36			18	22.19	22.25	22.18	22.21	23.50	
36			39	22.34	22.33	22.35	22.21	23.50	
75			0	22.21	22.29	22.24	22.16	23.50	
16QAM		1	0	22.34	22.28	22.44	22.29	23.50	
		1	38	22.36	22.35	22.35	22.27	23.50	
		1	74	22.22	22.25	22.26	22.22	23.50	
		36	0	21.32	21.34	21.33	21.26	22.50	
		36	18	21.45	21.42	21.34	21.38	22.50	
		36	39	21.32	21.42	21.39	21.35	22.50	

	64QAM	75	0	21.40	21.33	21.39	21.37	22.50
		1	0	21.35	21.40	21.32	21.27	22.50
		1	38	21.36	21.24	21.25	21.47	22.50
		1	74	21.38	21.45	21.32	21.27	22.50
		36	0	20.35	20.32	20.37	20.47	21.50
		36	18	20.48	20.42	20.41	20.37	21.50
		36	39	20.44	20.43	20.39	20.46	21.50
		75	0	20.35	20.40	20.43	20.49	21.50
	256QAM	1	0	18.54	18.50	18.67	18.63	19.50
		1	38	18.63	18.65	18.59	18.53	19.50
		1	74	18.63	18.57	18.61	18.65	19.50
		36	0	18.61	18.61	18.57	18.55	19.50
		36	18	18.62	18.63	18.58	18.52	19.50
		36	39	18.60	18.50	18.51	18.63	19.50
75	0	18.56	18.60	18.52	18.49	19.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55830	56150	56640	
20MHz	QPSK	1	0	23.27	23.25	23.42	23.23	24.50
		1	50	23.08	23.10	23.27	23.21	24.50
		1	99	23.27	23.19	23.27	23.22	24.50
		50	0	22.21	22.28	22.46	22.18	23.50
		50	25	22.15	22.17	22.26	22.19	23.50
		50	50	22.33	22.33	22.34	22.16	23.50
		100	0	22.32	22.22	22.37	22.16	23.50
	16QAM	1	0	22.31	22.37	22.32	22.37	23.50
		1	50	22.37	22.29	22.26	22.34	23.50
		1	99	22.15	22.27	22.28	22.18	23.50
		50	0	21.28	21.36	21.25	21.29	22.50
		50	25	21.40	21.41	21.43	21.36	22.50
		50	50	21.34	21.32	21.32	21.41	22.50
		100	0	21.34	21.44	21.38	21.45	22.50
	64QAM	1	0	21.39	21.35	21.33	21.33	22.50
		1	50	21.34	21.29	21.29	21.45	22.50
		1	99	21.37	21.45	21.34	21.28	22.50
		50	0	20.35	20.33	20.38	20.48	21.50
		50	25	20.45	20.48	20.50	20.33	21.50
		50	50	20.47	20.48	20.39	20.34	21.50
		100	0	20.47	20.44	20.54	20.48	21.50
	256QAM	1	0	18.62	18.57	18.56	18.58	19.50
		1	50	18.69	18.68	18.60	18.64	19.50



		1	99	18.56	18.62	18.67	18.64	19.50
		50	0	18.60	18.67	18.58	18.49	19.50
		50	25	18.53	18.52	18.58	18.53	19.50
		50	50	18.48	18.58	18.56	18.55	19.50
		100	0	18.54	18.62	18.52	18.51	19.50

LTE Band 48 Ant.4 ECI3_Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55265	55810	56170	56715	
5MHz	QPSK	1	0	20.13	20.18	20.31	20.11	21.00
		1	13	20.29	20.20	20.07	20.15	21.00
		1	24	20.15	20.21	20.17	20.11	21.00
		12	0	20.09	20.21	20.16	20.10	21.00
		12	6	20.20	20.24	20.05	20.12	21.00
		12	13	20.14	20.23	20.19	20.08	21.00
		25	0	20.22	20.24	20.19	20.19	21.00
	16QAM	1	0	20.19	20.27	20.10	20.10	21.00
		1	13	20.13	20.28	20.20	20.17	21.00
		1	24	20.10	20.24	20.16	20.10	21.00
		12	0	20.11	20.28	20.05	20.16	21.00
		12	6	20.23	20.25	20.18	20.06	21.00
		12	13	20.28	20.23	20.07	20.12	21.00
		25	0	20.24	20.19	20.03	20.18	21.00
	64QAM	1	0	20.13	20.24	20.04	20.08	21.00
		1	13	20.21	20.20	20.20	20.11	21.00
		1	24	20.15	20.27	20.11	20.09	21.00
		12	0	20.27	20.10	20.03	20.13	21.00
		12	6	20.16	20.24	20.07	20.09	21.00
		12	13	20.16	20.17	20.16	20.13	21.00
		25	0	20.14	20.26	20.06	20.12	21.00
	256QAM	1	0	18.61	18.70	18.58	18.67	19.50
		1	13	18.62	18.71	18.71	18.66	19.50
		1	24	18.78	18.75	18.68	18.53	19.50
		12	0	18.61	18.77	18.57	18.54	19.50
		12	6	18.61	18.75	18.68	18.71	19.50
		12	13	18.72	18.70	18.69	18.67	19.50
		25	0	18.74	18.77	18.68	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55290	55815	56165	56690	

10MHz	QPSK	1	0	20.13	20.32	20.19	20.27	21.00
		1	25	20.19	20.17	20.10	20.19	21.00
		1	49	20.12	20.29	20.14	20.25	21.00
		25	0	20.23	20.28	20.02	20.24	21.00
		25	13	20.25	20.22	20.03	20.28	21.00
		25	25	20.11	20.16	20.21	20.20	21.00
		50	0	20.16	20.30	20.06	20.17	21.00
	16QAM	1	0	20.11	20.18	20.06	20.14	21.00
		1	25	20.09	20.22	20.05	20.29	21.00
		1	49	20.13	20.28	20.17	20.19	21.00
		25	0	20.25	20.26	20.10	20.22	21.00
		25	13	20.19	20.12	20.07	20.16	21.00
		25	25	20.13	20.29	20.08	20.13	21.00
		50	0	20.26	20.20	20.05	20.30	21.00
	64QAM	1	0	20.13	20.30	20.05	20.22	21.00
		1	25	20.09	20.21	20.05	20.23	21.00
		1	49	20.15	20.29	20.09	20.26	21.00
		25	0	20.27	20.27	20.04	20.22	21.00
		25	13	20.22	20.16	20.18	20.24	21.00
		25	25	20.18	20.25	20.17	20.30	21.00
		50	0	20.19	20.19	20.08	20.26	21.00
	256QAM	1	0	18.64	18.74	18.53	18.84	19.50
		1	25	18.69	18.68	18.63	18.77	19.50
		1	49	18.75	18.77	18.57	18.69	19.50
		25	0	18.67	18.72	18.56	18.81	19.50
		25	13	18.65	18.76	18.70	18.67	19.50
		25	25	18.69	18.73	18.57	18.78	19.50
		50	0	18.72	18.71	18.71	18.77	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				55315	55820	56160	56665	
15MHz	QPSK	1	0	20.25	20.19	20.33	20.27	21.00
		1	38	20.10	20.22	20.11	20.21	21.00
		1	74	20.21	20.23	20.13	20.19	21.00
		36	0	20.21	20.29	20.07	20.15	21.00
		36	18	20.27	20.18	20.12	20.23	21.00
		36	39	20.26	20.25	20.06	20.13	21.00
		75	0	20.25	20.21	20.02	20.25	21.00
	16QAM	1	0	20.18	20.23	20.09	20.12	21.00
		1	38	20.11	20.18	20.08	20.21	21.00
		1	74	20.21	20.20	20.09	20.25	21.00

		36	0	20.17	20.28	20.09	20.10	21.00
		36	18	20.19	20.15	20.11	20.27	21.00
		36	39	20.24	20.22	20.13	20.13	21.00
		75	0	20.22	20.22	20.11	20.12	21.00
	64QAM	1	0	20.24	20.17	20.09	20.17	21.00
		1	38	20.11	20.22	20.15	20.14	21.00
		1	74	20.19	20.18	20.10	20.21	21.00
		36	0	20.20	20.24	20.16	20.20	21.00
		36	18	20.22	20.24	20.14	20.14	21.00
		36	39	20.28	20.31	20.18	20.21	21.00
		75	0	20.29	20.21	20.09	20.10	21.00
	256QAM	1	0	18.70	18.76	18.70	18.60	19.50
		1	38	18.68	18.69	18.57	18.64	19.50
		1	74	18.59	18.65	18.65	18.71	19.50
36		0	18.64	18.85	18.62	18.70	19.50	
36		18	18.60	18.70	18.62	18.74	19.50	
36		39	18.63	18.76	18.65	18.76	19.50	
75		0	18.76	18.66	18.60	18.66	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55830	56150	56640	
20MHz	QPSK	1	0	20.26	20.29	20.35	20.21	21.00
		1	50	20.09	20.27	20.30	20.04	21.00
		1	99	20.14	20.22	20.34	20.03	21.00
		50	0	20.11	20.14	20.22	20.19	21.00
		50	25	20.13	20.14	20.18	20.15	21.00
		50	50	20.18	20.28	20.23	20.07	21.00
		100	0	20.16	20.19	20.21	20.08	21.00
	16QAM	1	0	20.11	20.15	20.30	20.02	21.00
		1	50	20.08	20.10	20.18	20.05	21.00
		1	99	20.01	20.29	20.32	20.11	21.00
		50	0	20.12	20.10	20.31	20.13	21.00
		50	25	20.10	20.19	20.26	20.04	21.00
		50	50	20.19	20.25	20.25	20.15	21.00
		100	0	20.21	20.26	20.29	20.17	21.00
	64QAM	1	0	20.11	20.11	20.23	20.11	21.00
		1	50	20.09	20.25	20.17	20.08	21.00
		1	99	20.07	20.21	20.16	20.06	21.00
		50	0	20.07	20.10	20.21	20.06	21.00
		50	25	20.13	20.27	20.31	20.14	21.00
		50	50	20.05	20.13	20.30	20.11	21.00

		100	0	20.11	20.24	20.33	20.03	21.00
	256QAM	1	0	18.63	18.68	18.81	18.68	19.50
		1	50	18.71	18.68	18.73	18.54	19.50
		1	99	18.66	18.74	18.81	18.70	19.50
		50	0	18.57	18.64	18.69	18.58	19.50
		50	25	18.69	18.69	18.83	18.53	19.50
		50	50	18.65	18.77	18.76	18.55	19.50
		100	0	18.71	18.62	18.76	18.71	19.50

### 3.10 Conducted Power of LTE Band 66

LTE Band 66 Ant.3 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.70	23.62	23.83	24.50
		1	2	23.55	23.62	23.66	24.50
		1	5	23.63	23.71	23.65	24.50
		3	0	23.63	23.59	23.71	24.50
		3	1	23.65	23.58	23.62	24.50
		3	3	23.72	23.57	23.75	24.50
		6	0	22.67	22.59	22.66	23.50
	16QAM	1	0	22.68	22.66	22.62	23.50
		1	2	22.57	22.45	22.65	23.50
		1	5	22.75	22.55	22.55	23.50
		3	0	22.55	22.51	22.49	23.50
		3	1	22.52	22.58	22.59	23.50
		3	3	22.66	22.49	22.61	23.50
		6	0	21.73	21.82	21.62	22.50
	64QAM	1	0	21.62	21.52	21.44	22.50
		1	2	21.35	21.42	21.40	22.50
		1	5	21.62	21.49	21.51	22.50
		3	0	21.43	21.44	21.43	22.50
		3	1	21.35	21.59	21.50	22.50
		3	3	21.46	21.34	21.48	22.50
		6	0	20.72	20.77	20.64	21.50
	256QAM	1	0	18.53	18.58	18.49	19.50
		1	2	18.67	18.44	18.46	19.50
		1	5	18.66	18.59	18.75	19.50
		3	0	18.56	18.55	18.60	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131987	132322	132657		
3MHz		3	1	18.26	18.37	18.35	19.50	
		3	3	18.47	18.25	18.28	19.50	
		6	0	18.59	18.58	18.53	19.50	
	QPSK	1	0	23.74	23.82	23.79	24.50	
		1	7	23.65	23.57	23.72	24.50	
		1	14	23.74	23.65	23.74	24.50	
		8	0	22.57	22.67	22.57	23.50	
		8	4	22.66	22.69	22.64	23.50	
		8	7	22.62	22.54	22.56	23.50	
		15	0	22.75	22.68	22.56	23.50	
		16QAM	1	0	22.71	22.58	22.49	23.50
			1	7	22.78	22.57	22.68	23.50
			1	14	22.76	22.68	22.51	23.50
			8	0	21.74	21.75	21.66	22.50
			8	4	21.74	21.82	21.82	22.50
			8	7	21.81	21.67	21.78	22.50
		64QAM	15	0	21.75	21.76	21.79	22.50
			1	0	21.53	21.57	21.52	22.50
			1	7	21.44	21.41	21.58	22.50
			1	14	21.61	21.66	21.50	22.50
			8	0	20.91	20.72	20.81	21.50
			8	4	20.61	20.80	20.72	21.50
		256QAM	8	7	20.74	20.65	20.74	21.50
			15	0	20.69	20.68	20.70	21.50
	1		0	18.55	18.59	18.55	19.50	
	1		7	18.62	18.49	18.44	19.50	
	1		14	18.68	18.80	18.74	19.50	
8	0		18.44	18.59	18.52	19.50		
8	4		18.30	18.39	18.33	19.50		
8	7	18.45	18.41	18.35	19.50			
15	0	18.57	18.50	18.42	19.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK			131997	132322	132647		
		1	0	23.70	23.79	23.70	24.50	
		1	13	23.66	23.50	23.77	24.50	
		1	24	23.72	23.66	23.78	24.50	
		12	0	22.67	22.63	22.65	23.50	
		12	6	22.64	22.60	22.61	23.50	

		12	13	22.65	22.62	22.50	23.50	
		25	0	22.78	22.68	22.61	23.50	
	16QAM	1	0	22.66	22.53	22.48	23.50	
		1	13	22.68	22.63	22.70	23.50	
		1	24	22.72	22.67	22.49	23.50	
		12	0	21.74	21.81	21.70	22.50	
		12	6	21.83	21.87	21.89	22.50	
		12	13	21.73	21.65	21.75	22.50	
		25	0	21.83	21.74	21.76	22.50	
	64QAM	1	0	21.64	21.59	21.49	22.50	
		1	13	21.44	21.35	21.60	22.50	
		1	24	21.61	21.62	21.49	22.50	
		12	0	20.92	20.77	20.83	21.50	
		12	6	20.69	20.82	20.71	21.50	
		12	13	20.84	20.64	20.75	21.50	
		25	0	20.72	20.71	20.64	21.50	
	256QAM	1	0	18.56	18.58	18.60	19.50	
		1	13	18.58	18.48	18.53	19.50	
		1	24	18.69	18.84	18.75	19.50	
		12	0	18.45	18.52	18.52	19.50	
		12	6	18.32	18.36	18.32	19.50	
		12	13	18.42	18.42	18.32	19.50	
		25	0	18.53	18.47	18.50	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	23.69	23.82	23.81	24.50
			1	25	23.62	23.54	23.70	24.50
			1	49	23.70	23.71	23.73	24.50
25			0	22.60	22.64	22.66	23.50	
25			13	22.70	22.62	22.60	23.50	
25			25	22.64	22.64	22.48	23.50	
50			0	22.70	22.59	22.61	23.50	
16QAM		1	0	22.67	22.58	22.59	23.50	
		1	25	22.64	22.66	22.63	23.50	
		1	49	22.67	22.57	22.53	23.50	
		25	0	21.75	21.80	21.63	22.50	
		25	13	21.77	21.79	21.79	22.50	
		25	25	21.81	21.63	21.73	22.50	
		50	0	21.86	21.78	21.74	22.50	
64QAM		1	0	21.53	21.63	21.48	22.50	

		1	25	21.35	21.41	21.49	22.50
		1	49	21.65	21.60	21.48	22.50
		25	0	20.88	20.77	20.86	21.50
		25	13	20.66	20.73	20.67	21.50
		25	25	20.82	20.68	20.73	21.50
		50	0	20.80	20.78	20.66	21.50
		50	0	20.80	20.78	20.66	21.50
	256QAM	1	0	18.49	18.52	18.48	19.50
		1	25	18.65	18.43	18.43	19.50
		1	49	18.72	18.85	18.79	19.50
		25	0	18.52	18.58	18.60	19.50
		25	13	18.32	18.33	18.31	19.50
		25	25	18.35	18.44	18.45	19.50
		50	0	18.58	18.42	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	23.66	23.92	23.76	24.50
		1	38	23.71	23.58	23.65	24.50
		1	74	23.64	23.61	23.69	24.50
		36	0	22.67	22.64	22.59	23.50
		36	18	22.67	22.60	22.57	23.50
		36	39	22.73	22.57	22.59	23.50
		75	0	22.78	22.62	22.57	23.50
	16QAM	1	0	22.64	22.53	22.60	23.50
		1	38	22.71	22.57	22.56	23.50
		1	74	22.72	22.58	22.53	23.50
		36	0	21.72	21.79	21.63	22.50
		36	18	21.74	21.83	21.90	22.50
		36	39	21.80	21.66	21.67	22.50
		75	0	21.80	21.75	21.76	22.50
	64QAM	1	0	21.54	21.61	21.52	22.50
		1	38	21.41	21.47	21.53	22.50
		1	74	21.54	21.70	21.47	22.50
		36	0	20.90	20.71	20.84	21.50
		36	18	20.67	20.81	20.67	21.50
		36	39	20.81	20.72	20.65	21.50
		75	0	20.74	20.78	20.60	21.50
	256QAM	1	0	18.48	18.63	18.49	19.50
		1	38	18.61	18.42	18.41	19.50
		1	74	18.63	18.73	18.82	19.50
		36	0	18.55	18.53	18.50	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	36	18	18.38	18.37	18.33	19.50
		36	39	18.42	18.37	18.36	19.50
		75	0	18.46	18.49	18.41	19.50
	QPSK	1	0	23.69	23.96	23.77	24.50
		1	50	23.65	23.50	23.72	24.50
		1	99	23.66	23.61	23.73	24.50
		50	0	22.61	22.77	22.54	23.50
		50	25	22.65	22.59	22.59	23.50
		50	50	22.66	22.61	22.54	23.50
	16QAM	100	0	22.74	22.83	22.59	23.50
		1	0	22.68	22.66	22.47	23.50
		1	50	22.70	22.68	22.69	23.50
		1	99	22.75	22.70	22.52	23.50
		50	0	21.70	21.80	21.64	22.50
		50	25	21.74	21.82	21.79	22.50
	64QAM	50	50	21.73	21.57	21.73	22.50
		100	0	21.82	21.69	21.70	22.50
		1	0	21.61	21.55	21.41	22.50
		1	50	21.38	21.44	21.53	22.50
		1	99	21.61	21.59	21.47	22.50
		50	0	20.91	20.73	20.83	21.50
	256QAM	50	25	20.58	20.72	20.76	21.50
		50	50	20.76	20.73	20.75	21.50
		100	0	20.69	20.71	20.71	21.50
		1	0	18.55	18.59	18.51	19.50
		1	50	18.57	18.45	18.44	19.50
		1	99	18.72	18.81	18.70	19.50
256QAM	50	0	18.44	18.59	18.57	19.50	
	50	25	18.29	18.34	18.30	19.50	
	50	50	18.42	18.39	18.34	19.50	
256QAM	100	0	18.58	18.46	18.44	19.50	

LTE Band 66 Ant.2 Full power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.45	23.44	23.53	24.50



		1	2	23.49	23.40	23.39	24.50
		1	5	23.35	23.55	23.46	24.50
		3	0	23.37	23.29	23.38	24.50
		3	1	23.50	23.45	23.46	24.50
		3	3	23.36	23.35	23.43	24.50
		6	0	22.39	22.55	22.42	23.50
	16QAM	1	0	22.68	22.73	22.74	23.50
		1	2	22.64	22.92	22.94	23.50
		1	5	22.62	22.67	22.79	23.50
		3	0	22.47	22.48	22.35	23.50
		3	1	22.49	22.61	22.52	23.50
		3	3	22.53	22.39	22.46	23.50
	64QAM	6	0	21.39	21.57	21.39	22.50
		1	0	21.38	21.27	21.17	22.50
		1	2	21.19	21.29	21.25	22.50
		1	5	21.74	21.47	21.64	22.50
		3	0	21.45	21.53	21.31	22.50
		3	1	21.44	21.38	21.46	22.50
	256QAM	3	3	21.51	21.30	21.32	22.50
		6	0	20.39	20.54	20.32	21.50
		1	0	18.28	18.35	18.42	19.50
		1	2	18.32	18.32	18.36	19.50
		1	5	18.58	18.60	18.55	19.50
		3	0	18.27	18.35	18.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.62	23.69	23.53	24.50
		1	7	23.29	23.25	23.59	24.50
		1	14	23.40	23.49	23.40	24.50
		8	0	22.39	22.29	22.48	23.50
		8	4	22.47	22.44	22.34	23.50
		8	7	22.47	22.47	22.33	23.50
		15	0	22.50	22.51	22.46	23.50
	16QAM	1	0	22.74	22.70	22.68	23.50
		1	7	22.89	22.86	23.03	23.50
		1	14	22.86	22.72	22.81	23.50
		8	0	21.46	21.46	21.58	22.50

		8	4	21.56	21.47	21.59	22.50
		8	7	21.43	21.44	21.56	22.50
		15	0	21.47	21.56	21.51	22.50
	64QAM	1	0	21.40	21.42	21.19	22.50
		1	7	21.20	21.17	21.25	22.50
		1	14	21.62	21.69	21.72	22.50
		8	0	20.58	20.57	20.56	21.50
		8	4	20.58	20.61	20.41	21.50
		8	7	20.45	20.47	20.36	21.50
	256QAM	15	0	20.43	20.35	20.52	21.50
		1	0	18.35	18.35	18.33	19.50
		1	7	18.34	18.28	18.23	19.50
		1	14	18.64	18.61	18.55	19.50
		8	0	18.36	18.31	18.23	19.50
		8	4	18.14	18.09	18.11	19.50
8		7	18.05	17.93	18.16	19.50	
		15	0	18.38	18.49	18.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.69	23.70	23.53	24.50
		1	13	23.29	23.30	23.50	24.50
		1	24	23.49	23.36	23.45	24.50
		12	0	22.38	22.29	22.49	23.50
		12	6	22.41	22.42	22.35	23.50
		12	13	22.43	22.44	22.38	23.50
		25	0	22.40	22.41	22.42	23.50
	16QAM	1	0	22.75	22.64	22.67	23.50
		1	13	22.83	22.88	23.03	23.50
		1	24	22.76	22.75	22.76	23.50
		12	0	21.43	21.45	21.56	22.50
		12	6	21.57	21.52	21.65	22.50
		12	13	21.39	21.41	21.58	22.50
		25	0	21.51	21.47	21.49	22.50
	64QAM	1	0	21.41	21.35	21.21	22.50
		1	13	21.19	21.24	21.20	22.50
		1	24	21.69	21.62	21.75	22.50
		12	0	20.63	20.58	20.55	21.50
		12	6	20.61	20.64	20.49	21.50
		12	13	20.52	20.52	20.41	21.50
		25	0	20.43	20.47	20.52	21.50

		1	0	18.36	18.29	18.38	19.50
		1	13	18.38	18.30	18.23	19.50
		1	24	18.63	18.61	18.54	19.50
	256QAM	12	0	18.31	18.35	18.37	19.50
		12	6	18.16	18.08	18.04	19.50
		12	13	18.01	18.04	18.22	19.50
		25	0	18.39	18.49	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.66	23.65	23.54	24.50
		1	25	23.36	23.26	23.52	24.50
		1	49	23.48	23.42	23.47	24.50
		25	0	22.33	22.29	22.56	23.50
		25	13	22.48	22.42	22.21	23.50
		25	25	22.49	22.43	22.36	23.50
		50	0	22.50	22.43	22.44	23.50
	16QAM	1	0	22.71	22.62	22.70	23.50
		1	25	22.84	22.88	22.95	23.50
		1	49	22.82	22.73	22.77	23.50
		25	0	21.55	21.43	21.51	22.50
		25	13	21.52	21.49	21.58	22.50
		25	25	21.36	21.48	21.56	22.50
		50	0	21.52	21.55	21.47	22.50
	64QAM	1	0	21.38	21.41	21.12	22.50
		1	25	21.22	21.23	21.16	22.50
		1	49	21.71	21.67	21.64	22.50
		25	0	20.60	20.60	20.57	21.50
		25	13	20.66	20.66	20.41	21.50
		25	25	20.46	20.50	20.34	21.50
		50	0	20.39	20.43	20.47	21.50
	256QAM	1	0	18.31	18.28	18.27	19.50
		1	25	18.34	18.40	18.19	19.50
		1	49	18.61	18.53	18.65	19.50
		25	0	18.38	18.35	18.23	19.50
		25	13	18.09	18.07	18.01	19.50
		25	25	18.02	17.94	18.10	19.50
		50	0	18.47	18.40	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.67	23.72	23.53	24.50

		1	38	23.36	23.30	23.57	24.50
		1	74	23.43	23.49	23.48	24.50
		36	0	22.30	22.39	22.48	23.50
		36	18	22.41	22.42	22.23	23.50
		36	39	22.44	22.42	22.34	23.50
		75	0	22.51	22.41	22.43	23.50
	16QAM	1	0	22.66	22.67	22.67	23.50
		1	38	22.89	22.91	22.95	23.50
		1	74	22.78	22.81	22.87	23.50
		36	0	21.50	21.45	21.59	22.50
		36	18	21.54	21.59	21.61	22.50
		36	39	21.43	21.35	21.57	22.50
	64QAM	75	0	21.53	21.51	21.58	22.50
		1	0	21.32	21.31	21.15	22.50
		1	38	21.17	21.17	21.26	22.50
		1	74	21.66	21.64	21.77	22.50
		36	0	20.64	20.62	20.58	21.50
		36	18	20.53	20.65	20.49	21.50
	256QAM	36	39	20.48	20.43	20.31	21.50
		75	0	20.47	20.42	20.43	21.50
		1	0	18.25	18.28	18.37	19.50
		1	38	18.32	18.31	18.27	19.50
		1	74	18.59	18.51	18.61	19.50
		36	0	18.34	18.27	18.36	19.50
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
<b>20MHz</b>	QPSK	1	0	23.66	23.75	23.56	24.50
		1	50	23.29	23.24	23.55	24.50
		1	99	23.44	23.40	23.39	24.50
		50	0	22.31	22.64	22.48	23.50
		50	25	22.50	22.48	22.23	23.50
		50	50	22.41	22.50	22.27	23.50
	16QAM	100	0	22.47	22.58	22.54	23.50
		1	0	22.64	22.66	22.66	23.50
		1	50	22.92	22.81	22.95	23.50
		1	99	22.75	22.82	22.81	23.50
		50	0	21.47	21.50	21.63	22.50

		50	25	21.52	21.53	21.60	22.50
		50	50	21.36	21.46	21.46	22.50
		100	0	21.49	21.54	21.49	22.50
	64QAM	1	0	21.37	21.41	21.13	22.50
		1	50	21.22	21.19	21.27	22.50
		1	99	21.71	21.74	21.68	22.50
		50	0	20.66	20.66	20.59	21.50
		50	25	20.60	20.66	20.39	21.50
		50	50	20.43	20.46	20.39	21.50
		100	0	20.43	20.47	20.55	21.50
	256QAM	1	0	18.37	18.30	18.27	19.50
		1	50	18.29	18.29	18.32	19.50
		1	99	18.59	18.52	18.65	19.50
		50	0	18.32	18.28	18.33	19.50
		50	25	18.15	18.17	18.06	19.50
50		50	17.95	17.99	18.09	19.50	
100		0	18.39	18.45	18.46	19.50	

LTE Band 66 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	17.18	17.33	17.13	18.00
		1	2	17.13	17.25	17.24	18.00
		1	5	17.13	17.24	17.12	18.00
		3	0	17.31	17.29	17.19	18.00
		3	1	17.21	17.19	17.28	18.00
		3	3	17.25	17.25	17.24	18.00
		6	0	17.16	17.28	17.23	18.00
	16QAM	1	0	17.30	17.20	17.12	18.00
		1	2	17.26	17.24	17.25	18.00
		1	5	17.19	17.29	17.15	18.00
		3	0	17.31	17.30	17.19	18.00
		3	1	17.17	17.22	17.16	18.00
		3	3	17.32	17.16	17.29	18.00
		6	0	17.19	17.24	17.17	18.00
	64QAM	1	0	17.24	17.25	17.23	18.00
		1	2	17.30	17.33	17.15	18.00
		1	5	17.19	17.35	17.10	18.00

		3	0	17.18	17.26	17.19	18.00
		3	1	17.14	17.23	17.11	18.00
		3	3	17.16	17.19	17.25	18.00
		6	0	17.19	17.30	17.21	18.00
	256QAM	1	0	17.33	17.18	17.25	18.00
		1	2	17.27	17.32	17.21	18.00
		1	5	17.27	17.25	17.24	18.00
		3	0	17.29	17.22	17.21	18.00
		3	1	17.30	17.18	17.28	18.00
		3	3	17.28	17.21	17.15	18.00
6	0	17.27	17.24	17.22	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	17.29	17.27	17.34	18.00
		1	7	17.13	17.29	17.09	18.00
		1	14	17.26	17.21	17.19	18.00
		8	0	17.25	17.26	17.24	18.00
		8	4	17.27	17.24	17.18	18.00
		8	7	17.22	17.23	17.27	18.00
		15	0	17.29	17.31	17.20	18.00
	16QAM	1	0	17.23	17.22	17.28	18.00
		1	7	17.30	17.21	17.10	18.00
		1	14	17.16	17.23	17.29	18.00
		8	0	17.20	17.24	17.29	18.00
		8	4	17.16	17.30	17.27	18.00
		8	7	17.22	17.19	17.20	18.00
		15	0	17.16	17.33	17.15	18.00
	64QAM	1	0	17.17	17.20	17.13	18.00
		1	7	17.29	17.23	17.20	18.00
		1	14	17.21	17.28	17.18	18.00
		8	0	17.19	17.37	17.12	18.00
		8	4	17.32	17.37	17.18	18.00
		8	7	17.31	17.31	17.24	18.00
		15	0	17.30	17.20	17.18	18.00
	256QAM	1	0	17.20	17.36	17.19	18.00
		1	7	17.16	17.25	17.27	18.00
		1	14	17.26	17.20	17.25	18.00
		8	0	17.26	17.22	17.18	18.00
		8	4	17.28	17.18	17.28	18.00
		8	7	17.18	17.26	17.14	18.00

Bandwidth	Modulation	15	0	17.26	17.22	17.13	18.00	
		RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	QPSK	1	0	17.24	17.36	17.29	18.00	
		1	13	17.31	17.31	17.14	18.00	
		1	24	17.26	17.35	17.10	18.00	
		12	0	17.17	17.30	17.16	18.00	
		12	6	17.29	17.23	17.19	18.00	
		12	13	17.27	17.35	17.28	18.00	
		25	0	17.30	17.31	17.18	18.00	
	16QAM	1	0	17.32	17.32	17.28	18.00	
		1	13	17.14	17.31	17.13	18.00	
		1	24	17.20	17.21	17.26	18.00	
		12	0	17.16	17.20	17.13	18.00	
		12	6	17.20	17.24	17.26	18.00	
		12	13	17.17	17.19	17.22	18.00	
		25	0	17.17	17.32	17.10	18.00	
	64QAM	1	0	17.29	17.19	17.24	18.00	
		1	13	17.24	17.26	17.17	18.00	
		1	24	17.20	17.27	17.17	18.00	
		12	0	17.21	17.34	17.15	18.00	
		12	6	17.22	17.31	17.27	18.00	
		12	13	17.31	17.31	17.23	18.00	
		25	0	17.30	17.30	17.11	18.00	
	256QAM	1	0	17.24	17.23	17.12	18.00	
		1	13	17.27	17.37	17.18	18.00	
		1	24	17.23	17.29	17.28	18.00	
		12	0	17.23	17.25	17.26	18.00	
		12	6	17.16	17.34	17.10	18.00	
		12	13	17.17	17.23	17.28	18.00	
		25	0	17.15	17.25	17.12	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132022	132322	132622	
	10MHz	QPSK	1	0	17.17	17.34	17.35	18.00
			1	25	17.30	17.24	17.27	18.00
			1	49	17.26	17.31	17.16	18.00
			25	0	17.15	17.27	17.23	18.00
			25	13	17.32	17.26	17.22	18.00
			25	25	17.31	17.19	17.21	18.00
50			0	17.30	17.32	17.22	18.00	

	16QAM	1	0	17.16	17.31	17.11	18.00
		1	25	17.30	17.25	17.17	18.00
		1	49	17.17	17.32	17.13	18.00
		25	0	17.14	17.25	17.25	18.00
		25	13	17.31	17.34	17.20	18.00
		25	25	17.19	17.22	17.11	18.00
		50	0	17.32	17.29	17.24	18.00
	64QAM	1	0	17.22	17.33	17.10	18.00
		1	25	17.24	17.20	17.12	18.00
		1	49	17.13	17.21	17.11	18.00
		25	0	17.33	17.22	17.21	18.00
		25	13	17.23	17.18	17.11	18.00
		25	25	17.30	17.33	17.22	18.00
		50	0	17.19	17.33	17.16	18.00
	256QAM	1	0	17.13	17.25	17.25	18.00
		1	25	17.20	17.37	17.14	18.00
		1	49	17.20	17.33	17.13	18.00
		25	0	17.17	17.27	17.14	18.00
		25	13	17.28	17.19	17.23	18.00
		25	25	17.22	17.33	17.14	18.00
		50	0	17.16	17.26	17.27	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132047	<b>Channel</b> 132322	<b>Channel</b> 132597	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	17.24	17.36	17.23	18.00
		1	38	17.20	17.21	17.20	18.00
		1	74	17.21	17.21	17.25	18.00
		36	0	17.21	17.35	17.16	18.00
		36	18	17.20	17.21	17.20	18.00
		36	39	17.31	17.29	17.16	18.00
		75	0	17.22	17.33	17.18	18.00
	16QAM	1	0	17.22	17.29	17.12	18.00
		1	38	17.15	17.24	17.29	18.00
		1	74	17.20	17.30	17.13	18.00
		36	0	17.22	17.32	17.17	18.00
		36	18	17.33	17.30	17.14	18.00
		36	39	17.20	17.20	17.13	18.00
		75	0	17.32	17.28	17.13	18.00
	64QAM	1	0	17.13	17.25	17.10	18.00
		1	38	17.23	17.26	17.27	18.00
		1	74	17.31	17.35	17.13	18.00



		36	0	17.26	17.28	17.12	18.00	
		36	18	17.29	17.32	17.21	18.00	
		36	39	17.30	17.24	17.10	18.00	
		75	0	17.26	17.30	17.16	18.00	
	256QAM	1	0	17.18	17.33	17.14	18.00	
		1	38	17.16	17.36	17.24	18.00	
		1	74	17.30	17.36	17.20	18.00	
		36	0	17.27	17.29	17.16	18.00	
		36	18	17.28	17.28	17.12	18.00	
		36	39	17.16	17.23	17.18	18.00	
		75	0	17.29	17.33	17.27	18.00	
	Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
	20MHz	QPSK	1	0	17.33	17.38	17.29	18.00
1			50	17.30	17.31	17.25	18.00	
1			99	17.14	17.30	17.16	18.00	
50			0	17.16	17.24	17.17	18.00	
50			25	17.20	17.24	17.09	18.00	
50			50	17.29	17.37	17.18	18.00	
100			0	17.14	17.21	17.19	18.00	
16QAM		1	0	17.26	17.33	17.14	18.00	
		1	50	17.30	17.23	17.21	18.00	
		1	99	17.29	17.35	17.22	18.00	
		50	0	17.29	17.27	17.09	18.00	
		50	25	17.30	17.30	17.20	18.00	
		50	50	17.31	17.26	17.25	18.00	
		100	0	17.13	17.28	17.26	18.00	
64QAM		1	0	17.27	17.36	17.10	18.00	
		1	50	17.32	17.32	17.13	18.00	
		1	99	17.17	17.20	17.09	18.00	
		50	0	17.25	17.31	17.24	18.00	
		50	25	17.26	17.30	17.16	18.00	
		50	50	17.17	17.37	17.26	18.00	
		100	0	17.30	17.35	17.23	18.00	
256QAM		1	0	17.33	17.25	17.29	18.00	
		1	50	17.17	17.35	17.22	18.00	
		1	99	17.17	17.29	17.19	18.00	
		50	0	17.31	17.23	17.13	18.00	
		50	25	17.14	17.19	17.19	18.00	
		50	50	17.17	17.32	17.28	18.00	

		100	0	17.26	17.29	17.26	18.00
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LTE Band 66 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.14	22.16	22.25	23.00
		1	2	22.04	22.14	22.16	23.00
		1	5	22.23	22.13	22.15	23.00
		3	0	22.14	22.14	22.13	23.00
		3	1	22.09	22.21	22.20	23.00
		3	3	22.08	22.11	22.24	23.00
		6	0	22.15	22.16	22.09	23.00
	16QAM	1	0	22.11	22.22	22.23	23.00
		1	2	22.21	22.21	22.09	23.00
		1	5	22.16	22.18	22.09	23.00
		3	0	22.21	22.21	22.22	23.00
		3	1	22.21	22.13	22.18	23.00
		3	3	22.12	22.03	22.18	23.00
		6	0	21.57	21.70	21.71	22.50
	64QAM	1	0	21.68	21.80	21.60	22.50
		1	2	21.68	21.65	21.62	22.50
		1	5	21.70	21.64	21.74	22.50
		3	0	21.72	21.65	21.70	22.50
		3	1	21.74	21.72	21.77	22.50
		3	3	21.69	21.78	21.74	22.50
		6	0	20.59	20.78	20.71	21.50
	256QAM	1	0	18.66	18.70	18.58	19.50
		1	2	18.60	18.65	18.68	19.50
		1	5	18.64	18.69	18.65	19.50
		3	0	18.64	18.71	18.77	19.50
		3	1	18.59	18.70	18.64	19.50
		3	3	18.58	18.62	18.58	19.50
		6	0	18.72	18.76	18.64	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	22.15	22.27	22.24	23.00
		1	7	22.24	22.22	22.12	23.00
		1	14	22.06	22.24	22.25	23.00

		8	0	22.11	22.16	22.22	23.00	
		8	4	22.05	22.23	22.18	23.00	
		8	7	22.18	22.21	22.12	23.00	
		15	0	22.20	22.14	22.11	23.00	
	16QAM	1	0	22.20	22.15	22.20	23.00	
		1	7	22.16	22.23	22.17	23.00	
		1	14	22.11	22.21	22.12	23.00	
		8	0	21.54	21.64	21.62	22.50	
		8	4	21.72	21.68	21.72	22.50	
		8	7	21.59	21.66	21.63	22.50	
	64QAM	15	0	21.63	21.75	21.69	22.50	
		1	0	21.59	21.80	21.64	22.50	
		1	7	21.66	21.78	21.70	22.50	
		1	14	21.71	21.70	21.63	22.50	
		8	0	20.71	20.79	20.61	21.50	
		8	4	20.61	20.81	20.70	21.50	
	256QAM	8	7	20.63	20.63	20.61	21.50	
		15	0	20.64	20.73	20.60	21.50	
		1	0	18.71	18.73	18.73	19.50	
		1	7	18.58	18.64	18.70	19.50	
		1	14	18.61	18.63	18.63	19.50	
		8	0	18.58	18.82	18.73	19.50	
		8	4	18.56	18.81	18.66	19.50	
		8	7	18.67	18.78	18.73	19.50	
15		0	18.73	18.82	18.77	19.50		
Bandwidth		Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz		QPSK	1	0	22.23	22.24	22.28	23.00
			1	13	22.11	22.19	22.16	23.00
	1		24	22.05	22.18	22.27	23.00	
	12		0	22.04	22.15	22.15	23.00	
	12		6	22.05	22.21	22.14	23.00	
	12		13	22.08	22.19	22.21	23.00	
	16QAM	25	0	22.08	22.14	22.25	23.00	
		1	0	22.16	22.24	22.11	23.00	
		1	13	22.16	22.14	22.22	23.00	
		1	24	22.07	22.11	22.13	23.00	
		12	0	21.55	21.79	21.65	22.50	
		12	6	21.67	21.75	21.77	22.50	
		12	13	21.62	21.69	21.60	22.50	

	64QAM	25	0	21.73	21.75	21.68	22.50	
		1	0	21.57	21.73	21.76	22.50	
		1	13	21.69	21.81	21.67	22.50	
		1	24	21.67	21.78	21.75	22.50	
		12	0	20.60	20.64	20.62	21.50	
		12	6	20.56	20.64	20.59	21.50	
		12	13	20.63	20.64	20.60	21.50	
		25	0	20.70	20.71	20.67	21.50	
	256QAM	1	0	18.58	18.81	18.60	19.50	
		1	13	18.65	18.65	18.67	19.50	
		1	24	18.73	18.67	18.77	19.50	
		12	0	18.57	18.81	18.63	19.50	
		12	6	18.73	18.81	18.76	19.50	
		12	13	18.68	18.63	18.68	19.50	
25	0	18.65	18.69	18.76	19.50			
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				132022	132322	132622		
<b>10MHz</b>	QPSK	1	0	22.24	22.30	22.22	23.00	
		1	25	22.07	22.19	22.16	23.00	
		1	49	22.11	22.23	22.11	23.00	
		25	0	22.11	22.16	22.21	23.00	
		25	13	22.13	22.25	22.09	23.00	
		25	25	22.20	22.13	22.18	23.00	
		50	0	22.10	22.12	22.16	23.00	
	16QAM	1	0	22.06	22.11	22.15	23.00	
		1	25	22.10	22.25	22.27	23.00	
		1	49	22.08	22.29	22.18	23.00	
		25	0	21.56	21.74	21.72	22.50	
		25	13	21.55	21.80	21.73	22.50	
		25	25	21.57	21.80	21.66	22.50	
	64QAM	50	0	21.66	21.81	21.77	22.50	
		1	0	21.57	21.63	21.63	22.50	
		1	25	21.55	21.64	21.72	22.50	
		1	49	21.71	21.67	21.77	22.50	
		25	0	20.61	20.71	20.67	21.50	
		25	13	20.62	20.71	20.73	21.50	
	256QAM	25	25	20.65	20.77	20.67	21.50	
		50	0	20.65	20.81	20.66	21.50	
		256QAM	1	0	18.68	18.81	18.71	19.50
			1	25	18.67	18.75	18.69	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	49	18.65	18.67	18.69	19.50	
		25	0	18.59	18.74	18.69	19.50	
		25	13	18.68	18.75	18.69	19.50	
		25	25	18.67	18.67	18.77	19.50	
		50	0	18.62	18.65	18.69	19.50	
	16QAM	16QAM	1	0	22.22	22.28	22.31	23.00
			1	38	22.18	22.17	22.23	23.00
			1	74	22.08	22.24	22.24	23.00
			36	0	22.05	22.30	22.09	23.00
			36	18	22.05	22.25	22.08	23.00
			36	39	22.12	22.28	22.27	23.00
			75	0	22.18	22.18	22.11	23.00
	64QAM	64QAM	1	0	22.22	22.25	22.25	23.00
			1	38	22.14	22.24	22.17	23.00
			1	74	22.08	22.16	22.23	23.00
			36	0	21.55	21.68	21.74	22.50
			36	18	21.60	21.66	21.76	22.50
			36	39	21.67	21.68	21.69	22.50
			75	0	21.58	21.81	21.62	22.50
	256QAM	256QAM	1	0	21.73	21.70	21.70	22.50
1			38	21.70	21.79	21.68	22.50	
1			74	21.69	21.80	21.63	22.50	
36			0	20.64	20.65	20.76	21.50	
36			18	20.73	20.74	20.78	21.50	
36			39	20.54	20.70	20.61	21.50	
75			0	20.64	20.82	20.62	21.50	
256QAM	256QAM	1	0	18.64	18.70	18.67	19.50	
		1	38	18.71	18.77	18.66	19.50	
		1	74	18.62	18.67	18.59	19.50	
		36	0	18.56	18.72	18.65	19.50	
		36	18	18.71	18.78	18.67	19.50	
		36	39	18.64	18.82	18.59	19.50	
		75	0	18.57	18.69	18.60	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
20MHz	QPSK	1	0	22.24	22.32	22.28	23.00	
		1	50	22.13	22.18	22.10	23.00	
		1	99	22.20	22.31	22.23	23.00	

		50	0	22.21	22.25	22.19	23.00
		50	25	22.16	22.26	22.10	23.00
		50	50	22.23	22.16	22.11	23.00
		100	0	22.14	22.18	22.12	23.00
	16QAM	1	0	22.11	22.31	22.24	23.00
		1	50	22.11	22.24	22.26	23.00
		1	99	22.14	22.24	22.25	23.00
		50	0	21.60	21.70	21.78	22.50
		50	25	21.60	21.63	21.74	22.50
		50	50	21.62	21.72	21.76	22.50
		100	0	21.63	21.66	21.68	22.50
	64QAM	1	0	21.60	21.80	21.71	22.50
		1	50	21.57	21.69	21.73	22.50
		1	99	21.54	21.72	21.77	22.50
		50	0	20.66	20.75	20.66	21.50
		50	25	20.67	20.62	20.72	21.50
		50	50	20.62	20.67	20.61	21.50
		100	0	20.64	20.67	20.75	21.50
	256QAM	1	0	18.59	18.74	18.62	19.50
		1	50	18.55	18.62	18.69	19.50
		1	99	18.60	18.81	18.64	19.50
		50	0	18.63	18.79	18.65	19.50
		50	25	18.60	18.65	18.69	19.50
		50	50	18.55	18.63	18.70	19.50
		100	0	18.74	18.70	18.61	19.50

LTE Band 66 Ant.3 ECI1_Sensor on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.62	22.46	22.51	23.50
		1	2	22.46	22.53	22.35	23.50
		1	5	22.45	22.52	22.44	23.50
		3	0	22.42	22.54	22.36	23.50
		3	1	22.43	22.50	22.43	23.50
		3	3	22.51	22.46	22.44	23.50
		6	0	22.38	22.55	22.46	23.50
	16QAM	1	0	22.46	22.50	22.44	23.50
		1	2	22.41	22.58	22.50	23.50

		1	5	22.49	22.59	22.44	23.50	
		3	0	22.51	22.51	22.36	23.50	
		3	1	22.41	22.57	22.40	23.50	
		3	3	22.57	22.51	22.52	23.50	
		6	0	21.42	21.47	21.49	22.50	
	64QAM	1	0	21.41	21.50	21.37	22.50	
		1	2	21.51	21.60	21.53	22.50	
		1	5	21.37	21.64	21.40	22.50	
		3	0	21.47	21.65	21.41	22.50	
		3	1	21.52	21.51	21.53	22.50	
		3	3	21.41	21.61	21.44	22.50	
		6	0	20.41	20.61	20.52	21.50	
	256QAM	1	0	18.55	18.50	18.52	19.50	
		1	2	18.43	18.55	18.42	19.50	
		1	5	18.39	18.58	18.50	19.50	
		3	0	18.43	18.62	18.42	19.50	
		3	1	18.39	18.49	18.36	19.50	
		3	3	18.48	18.51	18.40	19.50	
		6	0	18.38	18.51	18.40	19.50	
	<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
					131987	132322	132657	
<b>3MHz</b>	QPSK	1	0	22.55	22.61	22.63	23.50	
		1	7	22.56	22.48	22.51	23.50	
		1	14	22.53	22.47	22.43	23.50	
		8	0	22.56	22.51	22.37	23.50	
		8	4	22.53	22.59	22.45	23.50	
		8	7	22.53	22.49	22.51	23.50	
		15	0	22.48	22.47	22.42	23.50	
	16QAM	1	0	22.40	22.64	22.47	23.50	
		1	7	22.40	22.57	22.35	23.50	
		1	14	22.57	22.60	22.40	23.50	
		8	0	21.47	21.64	21.39	22.50	
		8	4	21.49	21.64	21.36	22.50	
		8	7	21.48	21.48	21.50	22.50	
		15	0	21.45	21.50	21.53	22.50	
	64QAM	1	0	21.53	21.49	21.45	22.50	
		1	7	21.42	21.51	21.40	22.50	
		1	14	21.45	21.58	21.44	22.50	
		8	0	20.49	20.63	20.44	21.50	
		8	4	20.43	20.63	20.43	21.50	

		8	7	20.48	20.61	20.41	21.50	
		15	0	20.40	20.58	20.37	21.50	
	256QAM	1	0	18.49	18.55	18.49	19.50	
		1	7	18.45	18.58	18.39	19.50	
		1	14	18.38	18.56	18.38	19.50	
		8	0	18.40	18.53	18.37	19.50	
		8	4	18.53	18.48	18.53	19.50	
		8	7	18.51	18.55	18.53	19.50	
		15	0	18.56	18.62	18.44	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	22.53	22.64	22.49	23.50	
		1	13	22.45	22.49	22.46	23.50	
		1	24	22.56	22.59	22.40	23.50	
		12	0	22.57	22.63	22.46	23.50	
		12	6	22.56	22.49	22.44	23.50	
		12	13	22.46	22.54	22.45	23.50	
		25	0	22.54	22.59	22.47	23.50	
	16QAM	1	0	22.44	22.50	22.42	23.50	
		1	13	22.49	22.49	22.37	23.50	
		1	24	22.49	22.52	22.51	23.50	
		12	0	21.50	21.56	21.43	22.50	
		12	6	21.44	21.52	21.46	22.50	
		12	13	21.49	21.51	21.35	22.50	
		25	0	21.47	21.55	21.46	22.50	
	64QAM	1	0	21.37	21.57	21.46	22.50	
		1	13	21.43	21.50	21.43	22.50	
		1	24	21.54	21.62	21.47	22.50	
		12	0	20.55	20.58	20.35	21.50	
		12	6	20.47	20.50	20.35	21.50	
		12	13	20.43	20.64	20.52	21.50	
		25	0	20.48	20.62	20.50	21.50	
	256QAM	1	0	18.43	18.52	18.40	19.50	
		1	13	18.39	18.49	18.48	19.50	
		1	24	18.39	18.63	18.35	19.50	
		12	0	18.56	18.59	18.50	19.50	
		12	6	18.44	18.48	18.44	19.50	
		12	13	18.38	18.47	18.41	19.50	
		25	0	18.37	18.47	18.40	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



				132022	132322	132622	
<b>10MHz</b>	QPSK	1	0	22.45	22.56	22.64	23.50
		1	25	22.42	22.60	22.50	23.50
		1	49	22.37	22.49	22.50	23.50
		25	0	22.41	22.60	22.47	23.50
		25	13	22.41	22.50	22.46	23.50
		25	25	22.49	22.51	22.48	23.50
		50	0	22.45	22.51	22.50	23.50
	16QAM	1	0	22.56	22.53	22.40	23.50
		1	25	22.49	22.57	22.35	23.50
		1	49	22.52	22.51	22.44	23.50
		25	0	21.38	21.48	21.51	22.50
		25	13	21.45	21.53	21.45	22.50
		25	25	21.54	21.48	21.35	22.50
		50	0	21.51	21.55	21.45	22.50
	64QAM	1	0	21.44	21.60	21.39	22.50
		1	25	21.42	21.64	21.35	22.50
		1	49	21.42	21.49	21.51	22.50
		25	0	20.51	20.52	20.44	21.50
		25	13	20.46	20.58	20.42	21.50
		25	25	20.49	20.56	20.52	21.50
		50	0	20.53	20.50	20.52	21.50
	256QAM	1	0	18.50	18.50	18.48	19.50
		1	25	18.54	18.55	18.43	19.50
		1	49	18.45	18.47	18.36	19.50
		25	0	18.52	18.60	18.36	19.50
		25	13	18.42	18.48	18.47	19.50
		25	25	18.45	18.47	18.36	19.50
		50	0	18.49	18.65	18.48	19.50
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b> 132047	<b>Channel</b> 132322	<b>Channel</b> 132597	<b>Tune up</b>
<b>15MHz</b>	QPSK	1	0	22.54	22.65	22.62	23.50
		1	38	22.37	22.56	22.50	23.50
		1	74	22.52	22.46	22.48	23.50
		36	0	22.44	22.60	22.42	23.50
		36	18	22.49	22.61	22.49	23.50
		36	39	22.55	22.58	22.44	23.50
		75	0	22.38	22.48	22.44	23.50
	16QAM	1	0	22.56	22.56	22.36	23.50
		1	38	22.52	22.47	22.42	23.50

		1	74	22.47	22.50	22.44	23.50
		36	0	21.42	21.65	21.53	22.50
		36	18	21.50	21.64	21.44	22.50
		36	39	21.38	21.64	21.50	22.50
		75	0	21.38	21.62	21.49	22.50
	64QAM	1	0	21.55	21.60	21.45	22.50
		1	38	21.45	21.52	21.38	22.50
		1	74	21.50	21.57	21.45	22.50
		36	0	20.46	20.50	20.36	21.50
		36	18	20.55	20.50	20.36	21.50
		36	39	20.38	20.60	20.51	21.50
		75	0	20.45	20.60	20.51	21.50
	256QAM	1	0	18.54	18.62	18.52	19.50
		1	38	18.37	18.65	18.34	19.50
		1	74	18.45	18.58	18.50	19.50
		36	0	18.44	18.56	18.37	19.50
		36	18	18.55	18.56	18.41	19.50
		36	39	18.39	18.63	18.46	19.50
75		0	18.49	18.53	18.50	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.62	22.66	22.57	23.50
		1	50	22.49	22.62	22.41	23.50
		1	99	22.55	22.57	22.43	23.50
		50	0	22.51	22.58	22.57	23.50
		50	25	22.54	22.62	22.49	23.50
		50	50	22.48	22.52	22.49	23.50
		100	0	22.40	22.46	22.40	23.50
	16QAM	1	0	22.39	22.50	22.37	23.50
		1	50	22.52	22.64	22.38	23.50
		1	99	22.37	22.60	22.35	23.50
		50	0	21.37	21.55	21.35	22.50
		50	25	21.49	21.53	21.45	22.50
		50	50	21.46	21.58	21.45	22.50
		100	0	21.42	21.63	21.42	22.50
	64QAM	1	0	21.39	21.63	21.52	22.50
		1	50	21.40	21.48	21.52	22.50
		1	99	21.49	21.48	21.36	22.50
		50	0	20.47	20.63	20.38	21.50
		50	25	20.46	20.56	20.51	21.50

		50	50	20.54	20.52	20.35	21.50
		100	0	20.47	20.56	20.37	21.50
	256QAM	1	0	18.51	18.56	18.46	19.50
		1	50	18.53	18.47	18.37	19.50
		1	99	18.41	18.53	18.40	19.50
		50	0	18.47	18.64	18.43	19.50
		50	25	18.47	18.63	18.38	19.50
		50	50	18.44	18.48	18.53	19.50
		100	0	18.37	18.48	18.41	19.50

### 3.11 Conducted Power of LTE Band 71

LTE Band 71 Ant.0 Full power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	24.36	24.33	24.32	25.00
		1	12	24.26	24.21	24.31	25.00
		1	24	24.18	24.30	24.28	25.00
		12	0	23.29	23.27	23.28	24.00
		12	7	23.28	23.30	23.43	24.00
		12	13	23.34	23.38	23.45	24.00
		25	0	23.30	23.37	23.38	24.00
	16QAM	1	0	23.49	23.47	23.40	24.00
		1	12	23.48	23.39	23.45	24.00
		1	24	23.44	23.42	23.31	24.00
		12	0	22.50	22.42	22.51	23.00
		12	7	22.44	22.36	22.44	23.00
		12	13	22.29	22.47	22.33	23.00
		25	0	22.41	22.53	22.64	23.00
	64QAM	1	0	22.42	22.33	22.56	23.00
		1	12	22.54	22.58	22.43	23.00
		1	24	22.64	22.52	22.33	23.00
		12	0	21.51	21.58	21.49	22.00
		12	7	21.59	21.50	21.54	22.00
		12	13	21.54	21.69	21.55	22.00
		25	0	21.52	21.49	21.49	22.00
	256QAM	1	0	19.56	19.76	19.75	20.00
		1	12	19.50	19.59	19.69	20.00
		1	24	19.66	19.56	19.86	20.00

		12	0	19.57	19.66	19.41	20.00
		12	7	19.52	19.65	19.61	20.00
		12	13	19.39	19.55	19.52	20.00
		25	0	19.68	19.45	19.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133172	133297	133422	
10MHz	QPSK	1	0	24.30	24.35	24.36	25.00
		1	25	24.27	24.19	24.31	25.00
		1	49	24.10	24.32	24.29	25.00
		25	0	23.39	23.33	23.29	24.00
		25	12	23.23	23.29	23.44	24.00
		25	25	23.37	23.45	23.35	24.00
		50	0	23.20	23.34	23.31	24.00
	16QAM	1	0	23.39	23.55	23.28	24.00
		1	25	23.46	23.36	23.53	24.00
		1	49	23.39	23.43	23.39	24.00
		25	0	22.43	22.41	22.41	23.00
		25	12	22.43	22.44	22.51	23.00
		25	25	22.33	22.47	22.32	23.00
		50	0	22.38	22.41	22.50	23.00
	64QAM	1	0	22.47	22.43	22.54	23.00
		1	25	22.51	22.56	22.43	23.00
		1	49	22.57	22.55	22.43	23.00
		25	0	21.47	21.63	21.50	22.00
		25	12	21.58	21.47	21.56	22.00
		25	25	21.64	21.72	21.62	22.00
		50	0	21.48	21.51	21.42	22.00
	256QAM	1	0	19.52	19.68	19.72	20.00
		1	25	19.37	19.57	19.65	20.00
		1	49	19.54	19.66	19.79	20.00
		25	0	19.64	19.65	19.35	20.00
		25	12	19.62	19.65	19.61	20.00
		25	25	19.43	19.56	19.61	20.00
		50	0	19.58	19.39	19.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	24.30	24.34	24.35	25.00
		1	37	24.19	24.30	24.22	25.00
		1	74	24.17	24.31	24.33	25.00
		36	0	23.41	23.30	23.31	24.00

		36	20	23.24	23.35	23.50	24.00	
		36	39	23.28	23.42	23.35	24.00	
		75	0	23.22	23.34	23.40	24.00	
	16QAM	1	0	23.50	23.47	23.32	24.00	
		1	37	23.35	23.44	23.46	24.00	
		1	74	23.34	23.42	23.32	24.00	
		36	0	22.47	22.50	22.43	23.00	
		36	20	22.39	22.35	22.45	23.00	
		36	39	22.37	22.50	22.34	23.00	
		75	0	22.44	22.44	22.51	23.00	
		64QAM	1	0	22.52	22.38	22.45	23.00
			1	37	22.53	22.55	22.42	23.00
	1		74	22.59	22.46	22.42	23.00	
	36		0	21.59	21.59	21.56	22.00	
	36		20	21.59	21.46	21.61	22.00	
	36		39	21.51	21.63	21.57	22.00	
	75		0	21.47	21.45	21.49	22.00	
	256QAM	1	0	19.61	19.73	19.73	20.00	
		1	37	19.46	19.51	19.66	20.00	
		1	74	19.57	19.59	19.88	20.00	
		36	0	19.56	19.65	19.37	20.00	
36		20	19.59	19.65	19.66	20.00		
36		39	19.45	19.57	19.62	20.00		
75		0	19.65	19.45	19.68	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	QPSK	1	0	24.30	24.45	24.33	25.00	
		1	49	24.23	24.30	24.23	25.00	
		1	99	24.10	24.36	24.34	25.00	
		50	0	23.32	23.32	23.30	24.00	
		50	24	23.24	23.39	23.45	24.00	
		50	50	23.26	23.46	23.34	24.00	
		100	0	23.28	23.28	23.32	24.00	
	16QAM	1	0	23.52	23.47	23.38	24.00	
		1	49	23.38	23.40	23.47	24.00	
		1	99	23.32	23.42	23.36	24.00	
		50	0	22.49	22.38	22.41	23.00	
		50	24	22.37	22.37	22.49	23.00	
		50	50	22.37	22.52	22.26	23.00	
		100	0	22.39	22.43	22.54	23.00	
		133222	133297	133372				

	64QAM	1	0	22.55	22.43	22.57	23.00
		1	49	22.54	22.48	22.37	23.00
		1	99	22.55	22.46	22.35	23.00
		50	0	21.53	21.66	21.52	22.00
		50	24	21.54	21.42	21.62	22.00
		50	50	21.61	21.72	21.63	22.00
		100	0	21.54	21.47	21.40	22.00
	256QAM	1	0	19.56	19.67	19.76	20.00
		1	49	19.45	19.55	19.65	20.00
		1	99	19.54	19.59	19.85	20.00
		50	0	19.65	19.75	19.41	20.00
		50	24	19.63	19.60	19.68	20.00
		50	50	19.45	19.58	19.56	20.00
		100	0	19.58	19.43	19.66	20.00

# 4 Conducted Power of 5G NR

## 4.1 Conducted Power of 5G NR n2

N2 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.37	23.40	23.42	24.50
		1	53	23.46	23.44	23.43	24.50
		1	104	23.43	23.41	23.43	24.50
		50	0	23.00	23.01	23.01	23.50
		50	28	23.44	23.44	23.40	24.50
		50	56	22.93	22.93	22.85	23.50
		100	0	22.96	23.00	22.98	23.50
	DFT-s-OFDM QPSK	1	1	23.50	23.65	23.47	24.50
		1	53	23.51	23.55	23.55	24.50
		1	104	23.42	23.43	23.42	24.50
		50	0	22.50	22.53	22.58	23.50
		50	28	23.47	23.62	23.52	24.50
		50	56	22.52	22.49	22.48	23.50
	DFT-s-OFDM 16QAM	1	1	22.12	22.15	22.19	23.00
		DFT-s-OFDM 64QAM	1	1	20.79	20.74	20.74
DFT-s-OFDM 256QAM			1	1	19.35	19.38	19.40
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	372000	376000	380000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	371500	376000	380500	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	370500	376000	381500	24.50

N2 Ant.2 Full power for ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.48	23.42	23.53	24.50
		1	53	23.59	23.55	23.54	24.50
		1	104	23.50	23.54	23.55	24.50
		50	0	23.10	23.15	23.07	23.50
		50	28	23.49	23.49	23.43	24.50
		50	56	23.01	23.00	22.91	23.50
		100	0	23.05	23.10	23.06	23.50
	DFT-s-OFDM QPSK	1	1	23.63	23.72	23.66	24.50
		1	53	23.64	23.59	23.60	24.50
		1	104	23.51	23.57	23.44	24.50
		50	0	22.59	22.59	22.64	23.50
		50	28	23.55	23.68	23.63	24.50
		50	56	22.64	22.60	22.61	23.50
		100	0	22.59	22.69	22.66	23.50
	DFT-s-OFDM 16QAM	1	1	22.17	22.29	22.22	23.00
DFT-s-OFDM 64QAM	1	1	20.85	20.80	20.88	22.00	
DFT-s-OFDM 256QAM	1	1	19.49	19.50	19.45	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	372000	376000	380000	23.00
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	371500	376000	380500	24.50
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	371000	376000	381000	24.50
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	370500	376000	381500	24.50





N2 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.41	20.38	20.37	21.50
		1	53	20.33	20.47	20.38	21.50
		1	104	20.34	20.46	20.50	21.50
		50	0	20.33	20.51	20.39	21.50
		50	28	20.44	20.49	20.47	21.50
		50	56	20.33	20.48	20.36	21.50
	DFT-s-OFDM QPSK	100	0	20.32	20.53	20.40	21.50
		1	1	20.51	20.56	20.53	21.50
		1	53	20.42	20.38	20.44	21.50
		1	104	20.32	20.43	20.35	21.50
		50	0	20.38	20.55	20.42	21.50
		50	28	20.49	20.54	20.46	21.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	50	56	20.33	20.37	20.47	21.50
		100	0	20.36	20.52	20.48	21.50
		1	1	20.47	20.45	20.44	21.50
1	1	20.39	20.43	20.43	21.50		
1	1	19.01	18.94	18.90	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	20.43	20.51	20.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.36	20.49	20.43	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.48	20.49	20.40	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.45	20.48	20.38	21.50



N2 Ant.2 ECi3_Receiver on for ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.43	17.58	17.53	18.50
		1	53	17.51	17.56	17.63	18.50
		1	104	17.54	17.60	17.54	18.50
		50	0	17.47	17.50	17.47	18.50
		50	28	17.44	17.68	17.50	18.50
		50	56	17.61	17.58	17.50	18.50
	DFT-s-OFDM QPSK	100	0	17.43	17.65	17.63	18.50
		1	1	17.62	17.68	17.66	18.50
		1	53	17.58	17.56	17.51	18.50
		1	104	17.55	17.58	17.58	18.50
		50	0	17.58	17.67	17.48	18.50
		50	28	17.53	17.61	17.49	18.50
	DFT-s-OFDM 16QAM	50	56	17.60	17.57	17.56	18.50
		100	0	17.52	17.56	17.52	18.50
		1	1	17.54	17.63	17.60	18.50
DFT-s-OFDM 64QAM	1	1	17.45	17.62	17.57	18.50	
DFT-s-OFDM 256QAM	1	1	17.51	17.67	17.61	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	17.56	17.52	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.57	17.53	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.53	17.50	17.52	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	17.54	17.56	17.64	18.50

N2 Ant.2 ECI4_Hotspot on for ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.54	21.58	21.46	22.50
		1	53	21.46	21.59	21.41	22.50
		1	104	21.38	21.46	21.36	22.50
		50	0	21.53	21.54	21.41	22.50
		50	28	21.55	21.54	21.35	22.50
		50	56	21.52	21.52	21.35	22.50
	DFT-s-OFDM QPSK	100	0	21.53	21.45	21.46	22.50
		1	1	21.55	21.59	21.53	22.50
		1	53	21.51	21.46	21.51	22.50
		1	104	21.45	21.56	21.36	22.50
		50	0	21.50	21.54	21.33	22.50
		50	28	21.53	21.55	21.46	22.50
	DFT-s-OFDM 16QAM	50	56	21.54	21.49	21.36	22.50
		100	0	21.39	21.51	21.44	22.50
		1	1	21.37	21.48	21.41	22.50
DFT-s-OFDM 64QAM	1	1	20.95	20.93	20.91	22.00	
DFT-s-OFDM 256QAM	1	1	18.91	18.93	19.00	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	21.35	21.48	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.47	21.50	21.37	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.52	21.40	21.38	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	21.45	21.44	21.41	22.50

## 4.2 Conducted Power of 5G NR n5

N5 Ant.0 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.49	23.54	23.54	25.00
		1	53	23.65	23.64	23.59	25.00
		1	104	23.52	23.60	23.49	25.00
		50	0	23.16	23.10	23.12	24.00
		50	28	23.53	23.49	23.59	25.00
		50	56	23.01	22.98	22.94	24.00
		100	0	23.10	23.09	23.04	24.00
	DFT-s-OFDM QPSK	1	1	23.59	23.79	23.70	25.00
		1	53	23.55	23.65	23.55	25.00
		1	104	23.52	23.55	23.53	25.00
		50	0	22.64	22.67	22.63	24.00
		50	28	23.59	23.78	23.58	25.00
		50	56	22.69	22.59	22.63	24.00
		100	0	22.60	22.67	22.76	24.00
	DFT-s-OFDM 16QAM	1	1	22.22	22.31	22.36	24.00
DFT-s-OFDM 64QAM	1	1	20.88	20.90	20.90	22.50	
DFT-s-OFDM 256QAM	1	1	19.54	19.57	19.50	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	22.09	22.04	22.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.40	23.43	23.46	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.48	23.37	23.41	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.44	23.36	23.37	25.00

### 4.3 Conducted Power of 5G NR n25

N25 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.38	23.44	23.40	24.50
		1	53	23.46	23.46	23.47	24.50
		1	104	23.46	23.43	23.44	24.50
		50	0	22.96	22.96	23.00	23.50
		50	28	23.45	23.41	23.41	24.50
		50	56	22.86	22.91	22.92	23.50
	DFT-s-OFDM QPSK	1	1	23.53	23.69	23.54	24.50
		1	53	23.53	23.55	23.51	24.50
		1	104	23.39	23.36	23.43	24.50
		50	0	22.57	22.64	22.53	23.50
		50	28	23.51	23.54	23.54	24.50
		50	56	22.50	22.52	22.54	23.50
	DFT-s-OFDM 16QAM	1	1	22.14	22.20	22.14	23.00
	DFT-s-OFDM 64QAM	1	1	20.79	20.77	20.76	22.00
	DFT-s-OFDM 256QAM	1	1	19.37	19.42	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	22.01	21.98	22.03	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.32	23.27	23.30	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.27	23.29	23.31	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.29	23.32	23.28	24.50

N25 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
				1860	1882.5	1905	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.90	17.01	17.02	18.00
		1	53	16.91	16.98	17.07	18.00
		1	104	16.95	16.93	16.99	18.00
		50	0	16.91	16.99	17.07	18.00
		50	28	16.88	17.06	17.04	18.00
		50	56	16.95	16.92	17.05	18.00
	DFT-s-OFDM QPSK	100	0	16.98	16.96	16.99	18.00
		1	1	17.07	17.11	17.08	18.00
		1	53	16.91	17.05	16.90	18.00
		1	104	16.91	17.06	16.90	18.00
		50	0	16.92	16.94	17.07	18.00
		50	28	17.03	17.05	17.01	18.00
	DFT-s-OFDM 16QAM	50	56	16.93	17.07	17.00	18.00
		100	0	17.00	17.01	16.91	18.00
		1	1	16.92	17.01	16.94	18.00
	DFT-s-OFDM 64QAM	1	1	16.99	17.09	16.90	18.00
	DFT-s-OFDM 256QAM	1	1	16.96	16.93	17.07	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
<b>20MHz</b>	CP-OFDM QPSK	1	1	17.03	17.08	17.03	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.97	17.05	16.96	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.98	16.93	16.98	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.93	17.07	17.05	18.00







#### 4.4 Conducted Power of 5G NR n26

N26 Ant.0 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.42	23.59	23.50	25.00
		1	53	23.55	23.58	23.55	25.00
		1	104	23.51	23.57	23.58	25.00
		50	0	23.03	23.05	23.10	24.00
		50	28	23.49	23.52	23.58	25.00
		50	56	23.02	22.96	22.92	24.00
		100	0	23.10	23.14	23.05	24.00
	DFT-s-OFDM QPSK	1	1	23.61	23.63	23.59	25.00
		1	53	23.56	23.60	23.49	25.00
		1	104	23.53	23.52	23.54	25.00
		50	0	22.65	22.56	22.68	24.00
		50	28	23.53	23.63	23.56	25.00
		50	56	22.70	22.63	22.70	24.00
		100	0	22.72	22.66	22.68	24.00
	DFT-s-OFDM 16QAM	1	1	22.21	22.28	22.25	23.50
DFT-s-OFDM 64QAM	1	1	20.92	20.91	20.88	22.50	
DFT-s-OFDM 256QAM	1	1	19.47	19.60	19.52	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
<b>20MHz</b>	CP-OFDM QPSK	1	1	22.14	22.09	22.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.50	23.41	23.40	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.46	23.44	23.44	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163300	166300	169300	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.40	23.44	23.42	25.00

### 4.5 Conducted Power of 5G NR n30

N30 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
<b>10MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.44	/	25.00
		1	26	/	23.57	/	25.00
		1	50	/	23.52	/	25.00
		25	0	/	23.00	/	24.00
		25	14	/	23.46	/	25.00
		25	27	/	22.94	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.82	/	25.00
		1	26	/	23.67	/	25.00
		1	50	/	23.47	/	25.00
		25	0	/	22.56	/	24.00
		25	14	/	23.59	/	25.00
		25	27	/	22.48	/	24.00
	DFT-s-OFDM 16QAM	1	1	/	22.18	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	20.77	/	22.50
	DFT-s-OFDM 256QAM	1	1	/	19.42	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
<b>10MHz</b>	CP-OFDM QPSK	1	1	/	21.99	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	/	23.38	/	25.00

N30 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
<b>10MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	20.02	/	21.00
		1	26	/	19.89	/	21.00
		1	50	/	19.96	/	21.00
		25	0	/	19.89	/	21.00
		25	14	/	20.06	/	21.00
		25	27	/	19.98	/	21.00
	DFT-s-OFDM QPSK	50	0	/	19.96	/	21.00
		1	1	/	20.06	/	21.00
		1	26	/	19.99	/	21.00
		1	50	/	19.98	/	21.00
		25	0	/	20.03	/	21.00
		25	14	/	20.04	/	21.00
		25	27	/	19.92	/	21.00
	DFT-s-OFDM 16QAM 64QAM 256QAM	50	0	/	20.01	/	21.00
		1	1	/	20.05	/	21.00
1		1	/	19.91	/	21.00	
1	1	/	19.44	/	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
<b>10MHz</b>	CP-OFDM QPSK	1	1	/	19.86	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	/	20.00	/	21.00

N30 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
<b>10MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.51	/	22.50
		1	26	/	21.53	/	22.50
		1	50	/	21.58	/	22.50
		25	0	/	21.43	/	22.50
		25	14	/	21.55	/	22.50
		25	27	/	21.40	/	22.50
	DFT-s-OFDM QPSK	50	0	/	21.51	/	22.50
		1	1	/	21.59	/	22.50
		1	26	/	21.48	/	22.50
		1	50	/	21.51	/	22.50
		25	0	/	21.41	/	22.50
		25	14	/	21.52	/	22.50
		25	27	/	21.44	/	22.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	50	0	/	21.49	/	22.50
		1	1	/	21.48	/	22.50
1		1	/	21.58	/	22.50	
1	1	/	19.56	/	20.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
<b>10MHz</b>	CP-OFDM QPSK	1	1	/	19.91	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	/	20.08	/	22.50

N30 Ant.3 ECI1_Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
				/	2310	/	
<b>10MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.99	/	23.00
		1	26	/	21.98	/	23.00
		1	50	/	22.01	/	23.00
		25	0	/	22.12	/	23.00
		25	14	/	21.99	/	23.00
		25	27	/	22.11	/	23.00
		50	0	/	22.11	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.14	/	23.00
		1	26	/	21.95	/	23.00
		1	50	/	22.04	/	23.00
		25	0	/	22.01	/	23.00
		25	14	/	22.08	/	23.00
		25	27	/	22.12	/	23.00
		50	0	/	22.02	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.07	/	23.00
DFT-s-OFDM 64QAM	1	1	/	21.48	/	22.50	
DFT-s-OFDM 256QAM	1	1	/	19.61	/	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
<b>10MHz</b>	CP-OFDM QPSK	1	1	/	20.06	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	/	20.05	/	23.00

## 4.6 Conducted Power of 5G NR n41

N41 PC3 Ant.3 Full power				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
				2546.01	2592.99	2640		
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.35	22.47	22.43	23.00	
		1	137	22.57	22.54	22.53	23.00	
		1	271	22.47	22.39	22.41	23.00	
		135	0	21.96	21.95	21.86	22.00	
		135	69	22.50	22.34	22.43	23.00	
		135	138	21.94	21.89	21.96	22.00	
	DFT-s-OFDM QPSK	1	1	22.46	22.59	22.51	23.00	
		1	137	22.43	22.53	22.35	23.00	
		1	271	22.34	22.36	22.36	23.00	
		135	0	21.55	21.47	21.61	22.00	
		135	69	22.53	22.55	22.43	23.00	
		135	138	21.47	21.48	21.49	22.00	
	DFT-s-OFDM 16QAM	1	1	21.09	21.20	21.27	21.50	
		DFT-s-OFDM 64QAM	1	1	19.84	19.75	19.74	20.50
		DFT-s-OFDM 256QAM	1	1	18.37	18.37	18.48	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					509202	518598	528000	
	<b>100MHz</b>	CP-OFDM QPSK	1	1	21.18	20.88	21.07	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				508200	518598	528996		
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	22.37	22.24	22.28	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				507204	518598	529998		
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	22.36	22.32	22.40	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505200	518598	531996		
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	22.43	22.32	22.41	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504204	518598	532998		



<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	22.36	22.27	22.40	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.42	22.24	22.31	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.42	22.29	22.37	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.34	22.28	22.41	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.35	22.27	22.34	23.00

N41 PC2 Ant.3 Full power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.31	25.34	25.31	26.00
		1	137	25.46	25.43	25.44	26.00
		1	271	25.38	25.35	25.30	26.00
		135	0	24.91	24.84	24.84	25.00
		135	69	25.38	25.31	25.34	26.00
		135	138	24.88	24.86	24.83	25.00
		270	0	24.81	24.92	24.88	25.00
	DFT-s-OFDM QPSK	1	1	25.45	25.52	25.49	26.00
		1	137	25.36	25.45	25.30	26.00
		1	271	25.27	25.28	25.30	26.00
		135	0	24.48	24.44	24.49	25.00
		135	69	25.40	25.50	25.37	26.00
		135	138	24.44	24.34	24.43	25.00
		270	0	24.42	24.44	24.40	25.00
	DFT-s-OFDM 16QAM	1	1	24.02	24.06	24.13	24.50
DFT-s-OFDM 64QAM	1	1	22.70	22.73	22.70	23.50	
DFT-s-OFDM 256QAM	1	1	21.27	21.31	21.34	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	

<b>100MHz</b>	CP-OFDM QPSK	1	1	24.03	23.86	24.04	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	25.32	25.20	25.26	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.20	25.19	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.15	25.23	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.14	25.27	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	25.20	25.15	25.29	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.27	25.19	25.23	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.25	25.15	25.20	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.24	25.15	26.00

N41 Ant.3 PC2&PC3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.10	18.19	17.96	19.00
		1	137	17.98	18.11	17.91	19.00
		1	271	18.07	18.14	17.91	19.00
		135	0	18.06	18.09	18.09	19.00
		135	69	18.10	18.07	17.96	19.00
		135	138	17.99	18.16	17.97	19.00
		270	0	18.13	18.06	17.96	19.00
	DFT-s-OFDM QPSK	1	1	18.14	18.20	18.11	19.00
		1	137	18.10	18.09	17.94	19.00
		1	271	18.10	18.04	17.92	19.00
		135	0	18.02	18.08	18.04	19.00
		135	69	18.08	18.11	18.03	19.00
		135	138	18.09	18.14	18.04	19.00
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	1	1	18.12	18.12	17.97	19.00
		1	1	18.07	18.10	18.02	19.00
1		1	17.61	17.53	17.46	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.99	18.17	18.05	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.97	18.13	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	18.13	18.07	17.96	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	18.01	18.13	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.95	18.10	17.97	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	18.10	18.03	17.97	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	18.05	18.18	17.94	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	18.02	18.00	18.05	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.09	18.17	17.98	19.00

N41 Ant.3 PC2&PC3 ECI4_Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.41	20.49	20.46	21.50
		1	137	20.51	20.43	20.38	21.50
		1	271	20.48	20.59	20.50	21.50
		135	0	20.40	20.52	20.51	21.50
		135	69	20.39	20.54	20.51	21.50
		135	138	20.46	20.44	20.38	21.50
		270	0	20.44	20.57	20.49	21.50
	DFT-s-OFDM QPSK	1	1	20.57	20.62	20.55	21.50
		1	137	20.37	20.51	20.41	21.50
		1	271	20.55	20.58	20.44	21.50
		135	0	20.43	20.58	20.39	21.50
		135	69	20.46	20.54	20.43	21.50
		135	138	20.42	20.41	20.39	21.50
		270	0	20.39	20.46	20.44	21.50
	DFT-s-OFDM 16QAM	1	1	20.54	20.57	20.44	21.50
DFT-s-OFDM 64QAM	1	1	19.49	19.43	19.40	20.50	
DFT-s-OFDM 256QAM	1	1	17.54	17.59	17.37	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	20.52	20.58	20.48	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	20.44	20.61	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	20.48	20.47	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	20.47	20.55	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	20.54	20.62	20.50	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.47	20.57	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.55	20.55	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.55	20.47	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.41	20.56	20.37	21.50

N41 PC2 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	25.21	25.19	25.08	26.00
		1	135	25.24	25.26	25.20	26.00
		1	268	25.21	25.20	25.21	26.00
		135	0	24.83	24.59	24.55	25.00
		135	68	25.23	25.20	25.25	26.00
		135	135	24.74	24.80	24.78	25.00
		270	0	24.53	24.72	24.66	25.00
	DFT-s-OFDM QPSK	1	1	25.33	25.45	25.43	26.00
		1	135	25.30	25.34	25.20	26.00
		1	268	25.19	25.09	25.04	26.00
		135	0	24.27	24.16	24.20	25.00
		135	68	25.30	25.37	25.09	26.00
		135	135	24.22	24.25	24.34	25.00
	DFT-s-OFDM 16QAM	1	1	23.92	23.77	24.05	24.50
	DFT-s-OFDM 64QAM	1	1	22.58	22.58	22.55	23.50
DFT-s-OFDM 256QAM	1	1	21.17	21.19	21.19	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	23.88	23.64	23.97	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	24.95	24.93	25.24	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.19	25.04	24.97	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.25	25.15	25.20	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	25.23	25.24	25.15	26.00

N41 PC3 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.22	22.20	22.22	23.00
		1	135	22.43	22.39	22.32	23.00
		1	268	22.35	22.33	22.33	23.00
		135	0	21.70	21.70	21.70	22.00
		135	68	22.26	22.16	22.16	23.00
		135	135	21.64	21.82	21.73	22.00
		270	0	21.64	21.84	21.84	22.00
	DFT-s-OFDM QPSK	1	1	22.29	22.37	22.24	23.00
		1	135	22.26	22.26	22.10	23.00
		1	268	22.23	22.25	22.08	23.00
		135	0	21.49	21.18	21.47	22.00
		135	68	22.32	22.36	22.16	23.00
		135	135	21.28	21.25	21.27	22.00
	DFT-s-OFDM 16QAM 64QAM 256QAM	1	1	20.97	21.08	21.02	21.50
		1	1	19.73	19.68	19.44	20.50
1		1	18.13	18.25	18.33	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	20.96	20.60	21.00	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	22.21	22.03	22.02	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.27	22.23	22.22	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.23	22.06	22.13	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.29	22.18	22.24	23.00

N41 Ant.3 PC2&PC3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	18.05	17.93	17.89	19.00
		1	135	17.80	18.01	17.86	19.00
		1	268	17.83	17.94	17.62	19.00
		135	0	17.81	17.86	17.83	19.00
		135	68	18.01	17.99	17.87	19.00
		135	135	17.87	17.88	17.79	19.00
		270	0	17.99	17.92	17.84	19.00
	DFT-s-OFDM QPSK	1	1	18.02	18.13	17.88	19.00
		1	135	17.91	17.86	17.74	19.00
		1	268	18.05	17.97	17.66	19.00
		135	0	17.88	17.91	17.99	19.00
		135	68	17.88	17.84	17.79	19.00
		135	135	17.95	18.04	17.91	19.00
	DFT-s-OFDM 16QAM	1	1	17.97	17.92	17.73	19.00
		DFT-s-OFDM 64QAM	1	1	17.94	18.01	17.91
DFT-s-OFDM 256QAM		1	1	17.38	17.32	17.20	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	17.84	17.90	18.00	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.97	17.75	17.90	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.96	17.89	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.93	17.80	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.87	17.93	17.88	19.00



N41 Ant.3 PC2&PC3 ECI4_Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.18	20.40	20.28	21.50
		1	135	20.41	20.25	20.25	21.50
		1	268	20.42	20.48	20.21	21.50
		135	0	20.23	20.42	20.44	21.50
		135	68	20.17	20.36	20.26	21.50
		135	135	20.34	20.39	20.10	21.50
		270	0	20.17	20.50	20.25	21.50
	DFT-s-OFDM QPSK	1	1	20.37	20.51	20.44	21.50
		1	135	20.20	20.31	20.21	21.50
		1	268	20.45	20.43	20.32	21.50
		135	0	20.15	20.31	20.15	21.50
		135	68	20.24	20.28	20.29	21.50
		135	135	20.17	20.14	20.32	21.50
	DFT-s-OFDM 16QAM	1	1	20.37	20.48	20.33	21.50
	DFT-s-OFDM 64QAM	1	1	19.39	19.32	19.17	20.50
DFT-s-OFDM 256QAM	1	1	17.33	17.38	17.19	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	CP-OFDM QPSK	1	1	20.30	20.53	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	20.38	20.31	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.34	20.45	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.27	20.33	20.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.17	20.48	20.07	21.50

## 4.7 Conducted Power of 5G NR n48

N48 Ant.4 Full power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.94	22.98	22.92	24.50
		1	53	23.00	22.98	22.98	24.50
		1	104	22.99	23.00	22.95	24.50
		50	0	22.11	22.05	22.13	23.50
		50	28	22.99	22.93	22.95	24.50
		50	56	22.08	22.05	22.13	23.50
		100	0	22.05	22.07	22.08	23.50
	DFT-s-OFDM QPSK	1	1	23.03	23.24	23.07	24.50
		1	53	23.08	23.03	23.06	24.50
		1	104	22.96	22.93	22.93	24.50
		50	0	22.05	22.13	22.08	23.50
		50	28	23.09	23.23	23.03	24.50
		50	56	22.07	22.03	22.07	23.50
		100	0	22.10	22.10	22.10	23.50
	DFT-s-OFDM 16QAM	1	1	21.74	21.74	21.69	23.00
DFT-s-OFDM 64QAM	1	1	20.31	20.34	20.29	22.00	
DFT-s-OFDM 256QAM	1	1	18.90	18.94	18.91	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	638000	641666	645332	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	637334	641666	646000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	637168	641666	646166	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	637000	641666	646332	24.50

N48 Ant.4 ECI3_Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.08	17.14	17.04	18.00
		1	53	17.01	17.15	17.07	18.00
		1	104	16.94	17.07	17.18	18.00
		50	0	17.06	17.10	17.02	18.00
		50	28	17.00	17.05	17.12	18.00
		50	56	16.95	17.07	17.09	18.00
	DFT-s-OFDM QPSK	100	0	17.14	17.08	17.02	18.00
		1	1	17.14	17.21	17.19	18.00
		1	53	17.00	17.12	17.14	18.00
		1	104	17.01	17.11	17.01	18.00
		50	0	17.00	17.09	17.02	18.00
		50	28	17.10	17.16	17.13	18.00
	DFT-s-OFDM 16QAM 64QAM 256QAM	50	56	17.13	17.13	17.14	18.00
		100	0	17.02	17.09	17.04	18.00
		1	1	17.07	17.19	17.16	18.00
1	1	16.94	17.19	17.12	18.00		
1	1	17.06	17.16	17.14	18.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	17.09	17.12	17.12	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.07	17.18	17.00	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.98	17.19	17.01	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.07	17.02	17.15	18.00

N48 Ant.4 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.47	22.55	22.66	23.50
		1	53	22.45	22.64	22.63	23.50
		1	104	22.46	22.52	22.60	23.50
		50	0	22.63	22.52	22.52	23.50
		50	28	22.56	22.58	22.61	23.50
		50	56	22.46	22.68	22.48	23.50
	DFT-s-OFDM QPSK	100	0	22.56	22.61	22.51	23.50
		1	1	22.63	22.71	22.66	23.50
		1	53	22.51	22.59	22.48	23.50
		1	104	22.52	22.64	22.66	23.50
		50	0	22.58	22.61	22.62	23.50
		50	28	22.60	22.69	22.59	23.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	50	56	22.50	22.61	22.59	23.50
		100	0	22.52	22.56	22.50	23.50
		1	1	22.01	22.04	21.97	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	22.07	22.03	22.09	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.47	22.60	22.52	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.61	22.66	22.53	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.43	22.56	22.64	23.50

N48 Ant.4 EC11_Sensor on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.47	20.57	20.57	21.50
		1	53	20.47	20.48	20.40	21.50
		1	104	20.46	20.45	20.42	21.50
		50	0	20.48	20.60	20.44	21.50
		50	28	20.54	20.60	20.42	21.50
		50	56	20.37	20.46	20.47	21.50
		100	0	20.52	20.49	20.44	21.50
	DFT-s-OFDM QPSK	1	1	20.54	20.62	20.57	21.50
		1	53	20.42	20.53	20.50	21.50
		1	104	20.43	20.45	20.46	21.50
		50	0	20.43	20.58	20.54	21.50
		50	28	20.51	20.55	20.53	21.50
		50	56	20.48	20.53	20.47	21.50
	DFT-s-OFDM 16QAM 64QAM 256QAM	1	1	20.36	20.61	20.39	21.50
		1	1	20.35	20.61	20.53	21.50
1		1	18.88	19.00	18.88	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	20.47	20.55	20.49	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.46	20.57	20.54	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.46	20.58	20.47	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.42	20.57	20.38	21.50

N48 Ant.4 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.85	22.78	22.79	24.50
		1	108	22.72	22.77	22.74	24.50
		1	214	22.90	22.72	22.88	24.50
		108	0	22.00	21.76	21.89	23.50
		108	54	22.77	22.76	22.81	24.50
		108	108	21.84	21.91	22.01	23.50
	DFT-s-OFDM QPSK	216	0	21.77	21.85	21.93	23.50
		1	1	22.80	23.18	22.93	24.50
		1	108	22.81	22.96	22.90	24.50
		1	214	22.81	22.73	22.78	24.50
		108	0	21.95	22.01	21.90	23.50
		108	54	22.96	23.11	22.93	24.50
	DFT-s-OFDM 16QAM	108	108	21.80	21.84	22.00	23.50
		216	0	21.81	21.99	22.01	23.50
1		1	21.66	21.66	21.61	23.00	
DFT-s-OFDM 64QAM	1	1	20.14	20.08	20.07	22.00	
DFT-s-OFDM 256QAM	1	1	18.72	18.71	18.68	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.33	21.43	21.35	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.67	22.67	22.64	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.69	22.64	22.67	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.58	22.80	22.73	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				636834	641666	646500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.65	22.50	22.52	24.50

N48 Ant.4 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	16.99	16.92	16.94	18.00
		1	108	16.76	17.10	17.02	18.00
		1	214	16.65	16.89	16.97	18.00
		108	0	16.91	16.88	16.83	18.00
		108	54	16.87	16.79	16.94	18.00
		108	108	16.84	16.99	16.91	18.00
	DFT-s-OFDM QPSK	216	0	16.87	16.95	16.83	18.00
		1	1	16.91	17.08	17.00	18.00
		1	108	16.94	16.98	17.05	18.00
		1	214	16.87	16.94	16.81	18.00
		108	0	16.80	16.88	16.85	18.00
		108	54	16.86	17.02	17.07	18.00
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	108	108	16.97	16.87	17.03	18.00
		216	0	16.87	16.96	16.81	18.00
		1	1	16.94	16.90	16.91	18.00
				Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.95	17.01	16.84	18.00
				Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.95	17.05	16.79	18.00
				Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.75	17.03	16.87	18.00
				Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.93	16.88	17.01	18.00
				Channel	Channel	Channel	Tune up
				636834	641666	646500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.79	16.88	17.08	18.00

N48 Ant.4 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	22.22	22.30	22.54	23.50
		1	108	22.36	22.46	22.39	23.50
		1	214	22.22	22.43	22.40	23.50
		108	0	22.37	22.43	22.34	23.50
		108	54	22.43	22.51	22.51	23.50
		108	108	22.35	22.41	22.40	23.50
	DFT-s-OFDM QPSK	216	0	22.29	22.41	22.35	23.50
		1	1	22.55	22.57	22.49	23.50
		1	108	22.37	22.51	22.23	23.50
		1	214	22.39	22.44	22.43	23.50
		108	0	22.47	22.34	22.41	23.50
		108	54	22.43	22.46	22.34	23.50
	DFT-s-OFDM 16QAM	108	108	22.27	22.50	22.38	23.50
		216	0	22.23	22.31	22.21	23.50
1		1	21.89	21.89	21.75	23.00	
DFT-s-OFDM 64QAM	1	1	20.81	20.96	20.77	22.00	
DFT-s-OFDM 256QAM	1	1	18.89	19.02	19.08	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.80	21.78	21.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	22.18	22.30	22.41	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.52	22.39	22.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.13	22.41	22.50	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				636834	641666	646500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.16	22.34	22.56	23.50



N48 Ant.4 EC11_Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
				3570	3624.99	3679.98	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	20.19	20.41	20.47	21.50
		1	108	20.24	20.37	20.33	21.50
		1	214	20.18	20.20	20.29	21.50
		108	0	20.40	20.42	20.31	21.50
		108	54	20.34	20.42	20.21	21.50
		108	108	20.24	20.40	20.25	21.50
	DFT-s-OFDM QPSK	216	0	20.41	20.44	20.31	21.50
		1	1	20.28	20.54	20.31	21.50
		1	108	20.22	20.32	20.23	21.50
		1	214	20.25	20.36	20.29	21.50
		108	0	20.18	20.46	20.39	21.50
		108	54	20.37	20.46	20.30	21.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	108	108	20.25	20.32	20.33	21.50
		216	0	20.28	20.44	20.30	21.50
1		1	20.27	20.47	20.15	21.50	
				20.06	20.43	20.25	21.50
				18.68	18.83	18.66	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
<b>40MHz</b>	CP-OFDM QPSK	1	1	20.28	20.41	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.34	20.48	20.32	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.20	20.30	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.30	20.29	20.22	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				636834	641666	646500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	20.25	20.29	20.29	21.50

### 4.8 Conducted Power of 5G NR n66

N66 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.33	23.36	23.32	25.00
		1	108	23.44	23.43	23.39	25.00
		1	214	23.40	23.35	23.34	25.00
		108	0	22.96	22.91	22.93	24.00
		108	54	23.33	23.36	23.36	25.00
		108	108	22.88	22.85	22.86	24.00
		216	0	22.91	22.96	22.90	24.00
	DFT-s-OFDM QPSK	1	1	23.43	23.74	23.44	25.00
		1	108	23.47	23.46	23.44	25.00
		1	214	23.36	23.34	23.33	25.00
		108	0	22.52	22.47	22.50	24.00
		108	54	23.45	23.66	23.50	25.00
		108	108	22.47	22.47	22.47	24.00
	DFT-s-OFDM 16QAM	1	1	22.08	22.08	22.09	23.50
		DFT-s-OFDM 64QAM	1	1	20.69	20.70	20.71
DFT-s-OFDM 256QAM		1	1	19.36	19.33	19.31	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	CP-OFDM QPSK	1	1	346000	349000	352000	23.50
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	344000	349000	354000	25.00
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	343500	349000	354500	25.00
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	343000	349000	355000	25.00
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	342500	349000	355500	25.00

N66 Ant.2 Full power for ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.36	23.39	23.43	25.00
		1	108	23.44	23.54	23.40	25.00
		1	214	23.49	23.47	23.49	25.00
		108	0	23.06	23.10	22.99	24.00
		108	54	23.44	23.54	23.47	25.00
		108	108	22.95	23.00	22.91	24.00
	DFT-s-OFDM QPSK	216	0	22.96	23.06	23.06	24.00
		1	1	23.51	23.64	23.54	25.00
		1	108	23.62	23.55	23.58	25.00
		1	214	23.45	23.52	23.51	25.00
		108	0	22.53	22.57	22.68	24.00
		108	54	23.55	23.62	23.49	25.00
	DFT-s-OFDM 16QAM	108	108	22.60	22.50	22.54	24.00
		216	0	22.60	22.60	22.58	24.00
		1	1	22.12	22.13	22.19	23.50
	DFT-s-OFDM 64QAM	1	1	20.89	20.81	20.79	22.50
	DFT-s-OFDM 256QAM	1	1	19.41	19.43	19.46	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				346000	349000	352000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	22.11	22.16	22.03	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
<b>30MHz</b>	DFT-s-OFDM QPSK	1	1	23.43	23.27	23.29	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.32	23.36	23.26	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.42	23.27	23.32	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.31	23.37	23.34	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.33	23.35	23.30	25.00

N66 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.00	17.09	17.02	18.00
		1	108	17.02	16.99	16.95	18.00
		1	214	16.89	17.07	16.89	18.00
		108	0	16.93	17.06	16.89	18.00
		108	54	16.89	17.03	16.83	18.00
		108	108	16.90	16.95	16.96	18.00
	DFT-s-OFDM QPSK	1	1	17.05	17.09	17.03	18.00
		1	108	16.94	16.92	16.85	18.00
		1	214	16.90	17.08	16.87	18.00
		108	0	17.04	17.01	16.88	18.00
		108	54	17.01	17.05	17.00	18.00
		108	108	16.88	16.95	16.99	18.00
	DFT-s-OFDM 16QAM	1	1	16.86	16.96	16.87	18.00
		1	1	16.90	16.96	17.02	18.00
		1	1	16.98	16.92	16.97	18.00
DFT-s-OFDM 256QAM	1	1	16.98	16.92	16.97	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	16.98	16.93	16.93	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.93	16.91	16.96	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.91	17.05	16.99	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.04	16.91	16.87	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	16.86	16.97	17.02	18.00

N66 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	21.02	21.05	20.87	22.00
		1	108	21.05	20.93	20.89	22.00
		1	214	21.08	21.00	20.96	22.00
		108	0	21.02	21.00	21.04	22.00
		108	54	20.96	20.94	20.94	22.00
		108	108	21.08	20.96	21.00	22.00
	DFT-s-OFDM QPSK	216	0	21.03	20.94	20.98	22.00
		1	1	21.08	21.13	21.06	22.00
		1	108	21.04	21.01	20.87	22.00
		1	214	20.90	21.02	20.98	22.00
		108	0	20.91	21.08	20.99	22.00
		108	54	21.07	21.09	21.04	22.00
	DFT-s-OFDM 16QAM	108	108	20.99	21.09	20.93	22.00
		216	0	20.96	21.05	21.03	22.00
		1	1	21.02	20.97	21.06	22.00
DFT-s-OFDM 64QAM	1	1	20.92	21.11	21.04	22.00	
DFT-s-OFDM 256QAM	1	1	19.46	19.52	19.45	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	21.07	20.97	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	20.92	21.12	21.02	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	20.95	20.94	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	20.90	20.97	21.04	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	21.08	21.03	20.93	22.00

N66 Ant.3 EC11_Sensor on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
<b>40MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.01	23.15	23.03	24.00
		1	108	23.07	23.01	23.01	24.00
		1	214	22.96	23.08	23.03	24.00
		108	0	22.97	23.14	23.14	24.00
		108	54	23.03	23.04	23.10	24.00
		108	108	23.09	23.08	23.16	24.00
	DFT-s-OFDM QPSK	216	0	23.01	23.10	23.15	24.00
		1	1	23.14	23.20	23.16	24.00
		1	108	23.14	23.13	23.01	24.00
		1	214	23.10	23.06	23.13	24.00
		108	0	23.06	23.09	22.96	24.00
		108	54	23.07	23.13	23.11	24.00
	DFT-s-OFDM 16QAM	108	108	23.11	23.14	22.98	24.00
		216	0	23.05	23.10	23.09	24.00
		1	1	22.60	22.65	22.65	23.50
DFT-s-OFDM 64QAM	1	1	21.55	21.61	21.52	22.50	
DFT-s-OFDM 256QAM	1	1	19.55	19.69	19.57	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
<b>40MHz</b>	CP-OFDM QPSK	1	1	22.51	22.65	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.07	23.06	23.03	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	22.99	23.13	23.00	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.07	23.09	22.99	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.12	23.17	23.02	24.00

### 4.9 Conducted Power of 5G NR n70

N70 Ant.3 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
				/	1702.5	/	
<b>15MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.25	/	24.50
		1	40	/	23.30	/	24.50
		1	77	/	23.25	/	24.50
		36	0	/	22.86	/	23.50
		36	22	/	23.31	/	24.50
		36	43	/	22.73	/	23.50
	DFT-s-OFDM QPSK	75	0	/	22.82	/	23.50
		1	1	/	23.55	/	24.50
		1	40	/	23.34	/	24.50
		1	77	/	23.23	/	24.50
		36	0	/	22.35	/	23.50
		36	22	/	23.48	/	24.50
	DFT-s-OFDM 16QAM	36	43	/	22.32	/	23.50
		75	0	/	22.44	/	23.50
		1	1	/	22.02	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.66	/	22.00
		1	1	/	19.24	/	20.00
	DFT-s-OFDM 256QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
<b>15MHz</b>	CP-OFDM QPSK	1	1	/	21.91	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	23.17	23.14	23.16	24.50

N70 Ant.3 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
				/	1702.5	/	
<b>15MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	18.55	/	19.50
		1	40	/	18.64	/	19.50
		1	77	/	18.50	/	19.50
		36	0	/	18.46	/	19.50
		36	22	/	18.66	/	19.50
		36	43	/	18.46	/	19.50
		75	0	/	18.52	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.66	/	19.50
		1	40	/	18.46	/	19.50
		1	77	/	18.60	/	19.50
		36	0	/	18.56	/	19.50
		36	22	/	18.58	/	19.50
		36	43	/	18.47	/	19.50
		75	0	/	18.52	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.54	/	19.50
DFT-s-OFDM 64QAM	1	1	/	18.50	/	19.50	
DFT-s-OFDM 256QAM	1	1	/	18.46	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
<b>15MHz</b>	CP-OFDM QPSK	1	1	/	18.49	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	18.41	18.44	18.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	18.36	18.32	18.42	19.50



N70 Ant.3 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
				/	1702.5	/	
<b>15MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	22.92	/	24.00
		1	40	/	23.02	/	24.00
		1	77	/	22.96	/	24.00
		36	0	/	22.57	/	23.50
		36	22	/	22.98	/	24.00
		36	43	/	22.61	/	23.50
	DFT-s-OFDM QPSK	75	0	/	22.59	/	23.50
		1	1	/	23.11	/	24.00
		1	40	/	22.99	/	24.00
		1	77	/	22.99	/	24.00
		36	0	/	22.43	/	23.50
		36	22	/	23.04	/	24.00
		36	43	/	22.48	/	23.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	75	0	/	22.52	/	23.50
		1	1	/	22.03	/	23.00
1		1	/	21.02	/	22.00	
1	1	/	19.07	/	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
<b>15MHz</b>	CP-OFDM QPSK	1	1	/	21.97	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	22.93	23.11	22.96	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	22.93	22.92	23.03	24.00

### 4.10 Conducted Power of 5G NR n71

N71 Ant.0 Full power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
				673	680.5	688	
<b>20MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	23.45	23.45	23.47	25.00
		1	53	23.53	23.61	23.60	25.00
		1	104	23.48	23.52	23.56	25.00
		50	0	23.01	23.04	23.06	24.00
		50	28	23.45	23.56	23.50	25.00
		50	56	23.03	22.98	22.95	24.00
		100	0	23.07	23.09	23.01	24.00
	DFT-s-OFDM QPSK	1	1	23.49	23.65	23.64	25.00
		1	53	23.53	23.64	23.49	25.00
		1	104	23.51	23.47	23.52	25.00
		50	0	22.62	22.60	22.62	24.00
		50	28	23.49	23.61	23.57	25.00
		50	56	22.63	22.59	22.63	24.00
		100	0	22.67	22.67	22.60	24.00
	DFT-s-OFDM 16QAM	1	1	22.22	22.31	22.32	24.00
	DFT-s-OFDM 64QAM	1	1	20.77	20.83	20.93	22.50
DFT-s-OFDM 256QAM	1	1	19.49	19.53	19.45	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	CP-OFDM QPSK	1	1	134600	136100	137600	23.50
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	134100	136100	138100	25.00
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	133600	136100	138600	25.00
<b>5MHz</b>	DFT-s-OFDM QPSK	1	1	133100	136100	139100	25.00

### 4.11 Conducted Power of 5G NR n77(3450-3550)

N77 PC3 Ant.4 Full power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.47	/	24.50
		1	137	/	23.46	/	24.50
		1	271	/	23.48	/	24.50
		135	0	/	22.95	/	23.50
		135	69	/	23.43	/	24.50
		135	138	/	22.89	/	23.50
		270	0	/	23.06	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.59	/	24.50
		1	137	/	23.56	/	24.50
		1	271	/	23.42	/	24.50
		135	0	/	22.51	/	23.50
		135	69	/	23.56	/	24.50
		135	138	/	22.44	/	23.50
		270	0	/	22.51	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.16	/	23.00
	DFT-s-OFDM 64QAM	1	1	/	20.80	/	22.00
DFT-s-OFDM 256QAM	1	1	/	19.40	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.92	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	23.43	23.32	23.29	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	23.36	23.21	23.39	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	23.38	23.29	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	23.45	23.29	23.37	24.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.44	23.28	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.44	23.23	23.34	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.33	23.25	23.31	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.43	23.27	23.39	24.50

N77 PC2 Ant.4 Full power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	26.22	/	27.50
		1	137	/	26.27	/	27.50
		1	271	/	26.23	/	27.50
		135	0	/	25.66	/	26.50
		135	69	/	26.14	/	27.50
		135	138	/	25.77	/	26.50
		270	0	/	25.79	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.42	/	27.50
		1	137	/	26.28	/	27.50
		1	271	/	26.11	/	27.50
		135	0	/	25.37	/	26.50
		135	69	/	26.37	/	27.50
		135	138	/	25.28	/	26.50
		270	0	/	25.38	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	24.94	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	23.56	/	25.00
DFT-s-OFDM 256QAM	1	1	/	22.19	/	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	24.76	/	26.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	26.19	26.10	26.11	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	26.23	26.03	26.13	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	26.22	26.06	26.21	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	26.20	26.13	26.18	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	26.27	26.11	26.13	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	26.16	26.09	26.16	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	26.14	26.04	26.14	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	26.19	26.12	26.09	27.50

N77 Ant.4 PC3&PC2 ECI3_Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.58	/	17.50
		1	137	/	16.53	/	17.50
		1	271	/	16.66	/	17.50
		135	0	/	16.60	/	17.50
		135	69	/	16.65	/	17.50
		135	138	/	16.54	/	17.50
	DFT-s-OFDM QPSK	270	0	/	16.64	/	17.50
		1	1	/	16.69	/	17.50
		1	137	/	16.58	/	17.50
		1	271	/	16.66	/	17.50
		135	0	/	16.63	/	17.50
		135	69	/	16.68	/	17.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	135	138	/	16.57	/	17.50
		270	0	/	16.52	/	17.50
		1	1	/	16.67	/	17.50
				/	16.59	/	17.50
				/	16.68	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	16.52	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	16.51	16.56	16.52	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	16.49	16.63	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	16.55	16.60	16.61	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	16.48	16.59	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.57	16.67	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.46	16.53	16.61	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.56	16.51	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.57	16.59	16.62	17.50

N77 Ant.4 PC3&PC2 ECI4_Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.60	/	22.50
		1	137	/	21.71	/	22.50
		1	271	/	21.61	/	22.50
		135	0	/	21.65	/	22.50
		135	69	/	21.68	/	22.50
		135	138	/	21.71	/	22.50
		270	0	/	21.55	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.73	/	22.50
		1	137	/	21.67	/	22.50
		1	271	/	21.61	/	22.50
		135	0	/	21.59	/	22.50
		135	69	/	21.67	/	22.50
		135	138	/	21.63	/	22.50
		270	0	/	21.56	/	22.50
DFT-s-OFDM 16QAM	1	1	/	21.72	/	22.50	
DFT-s-OFDM 64QAM	1	1	/	21.16	/	22.00	
DFT-s-OFDM 256QAM	1	1	/	19.05	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	21.58	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	21.50	21.64	21.64	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	21.57	21.68	21.54	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	21.51	21.57	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	21.45	21.70	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	21.59	21.57	21.50	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	21.47	21.56	21.69	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.55	21.73	21.63	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.57	21.61	21.52	22.50

N77 Ant.4 PC3&PC2 ECI1_Sensor on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.64	/	20.50
		1	137	/	19.69	/	20.50
		1	271	/	19.70	/	20.50
		135	0	/	19.61	/	20.50
		135	69	/	19.66	/	20.50
		135	138	/	19.57	/	20.50
		270	0	/	19.69	/	20.50
	DFT-s-OFDM QPSK	1	1	/	19.72	/	20.50
		1	137	/	19.62	/	20.50



		1	271	/	19.63	/	20.50
		135	0	/	19.56	/	20.50
		135	69	/	19.60	/	20.50
		135	138	/	19.66	/	20.50
		270	0	/	19.54	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.57	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	19.55	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	19.13	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>100MHz</b>	CP-OFDM QPSK	1	1	/	19.63	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	19.59	19.62	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	19.64	19.71	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	19.66	19.63	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	19.53	19.65	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.52	19.68	19.60	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.64	19.66	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.59	19.62	19.58	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.65	19.57	19.62	20.50

N77 PC2 Ant.4 Full power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	26.08	/	27.50
		1	135	/	26.11	/	27.50
		1	268	/	26.08	/	27.50
		135	0	/	25.51	/	26.50
		135	68	/	25.89	/	27.50
		135	135	/	25.58	/	26.50
	DFT-s-OFDM QPSK	1	1	/	25.58	/	26.50
		1	135	/	26.36	/	27.50
		1	268	/	26.18	/	27.50
		1	268	/	25.96	/	27.50
		135	0	/	25.15	/	26.50
		135	68	/	26.12	/	27.50
	DFT-s-OFDM 16QAM	135	135	/	25.10	/	26.50
		270	0	/	25.29	/	26.50
		1	1	/	24.65	/	26.00
DFT-s-OFDM 64QAM	1	1	/	23.28	/	25.00	
DFT-s-OFDM 256QAM	1	1	/	22.10	/	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	24.47	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	26.06	25.90	26.07	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	25.97	25.92	26.05	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	25.85	25.93	25.86	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	26.11	26.05	25.81	27.50

N77 PC3 Ant.4 Full power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	23.22	/	24.50
		1	135	/	23.40	/	24.50
		1	268	/	23.37	/	24.50
		135	0	/	22.80	/	23.50
		135	68	/	23.27	/	24.50
		135	135	/	22.68	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.92	/	23.50
		1	1	/	23.38	/	24.50
		1	135	/	23.45	/	24.50
		1	268	/	23.32	/	24.50
		135	0	/	22.44	/	23.50
		135	68	/	23.40	/	24.50
	DFT-s-OFDM 16QAM	135	135	/	22.37	/	23.50
		270	0	/	22.27	/	23.50
		1	1	/	21.90	/	23.00
DFT-s-OFDM 64QAM	1	1	/	20.71	/	22.00	
DFT-s-OFDM 256QAM	1	1	/	19.21	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	21.85	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	23.31	23.19	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	23.16	23.01	23.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	23.12	23.01	23.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	23.29	23.00	23.13	24.50

N77 Ant.4 PC3&PC2 ECI3_Receiver on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	16.37	/	17.50
		1	135	/	16.45	/	17.50
		1	268	/	16.54	/	17.50
		135	0	/	16.50	/	17.50
		135	68	/	16.49	/	17.50
		135	135	/	16.24	/	17.50
	DFT-s-OFDM QPSK	270	0	/	16.54	/	17.50
		1	1	/	16.59	/	17.50
		1	135	/	16.49	/	17.50
		1	268	/	16.42	/	17.50
		135	0	/	16.42	/	17.50
		135	68	/	16.50	/	17.50
	DFT-s-OFDM 16QAM	135	135	/	16.45	/	17.50
		270	0	/	16.24	/	17.50
		1	1	/	16.48	/	17.50
DFT-s-OFDM 64QAM	1	1	/	16.47	/	17.50	
DFT-s-OFDM 256QAM	1	1	/	16.57	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	16.34	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	16.47	16.59	16.54	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	16.29	16.40	16.55	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	16.35	16.24	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	16.30	16.41	16.53	17.50

N77 Ant.4 PC3&PC2 EC14_Hotspot on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	21.33	/	22.50
		1	135	/	21.64	/	22.50
		1	268	/	21.48	/	22.50
		135	0	/	21.38	/	22.50
		135	68	/	21.58	/	22.50
		135	135	/	21.62	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.40	/	22.50
		1	1	/	21.54	/	22.50
		1	135	/	21.58	/	22.50
		1	268	/	21.40	/	22.50
		135	0	/	21.53	/	22.50
		135	68	/	21.55	/	22.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	135	135	/	21.44	/	22.50
		270	0	/	21.40	/	22.50
		1	1	/	21.46	/	22.50
				/	21.11	/	22.00
				/	18.76	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	21.51	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	21.37	21.35	21.43	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	21.22	21.50	21.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	21.46	21.57	21.47	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	21.35	21.51	21.42	22.50

N77 Ant.4 PC3&PC2 ECI1_Sensor on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
<b>50MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	/	19.45	/	20.50
		1	135	/	19.64	/	20.50
		1	268	/	19.61	/	20.50
		135	0	/	19.46	/	20.50
		135	68	/	19.45	/	20.50
		135	135	/	19.45	/	20.50
	DFT-s-OFDM QPSK	270	0	/	19.60	/	20.50
		1	1	/	19.64	/	20.50
		1	135	/	19.35	/	20.50
		1	268	/	19.34	/	20.50
		135	0	/	19.49	/	20.50
		135	68	/	19.32	/	20.50
	DFT-s-OFDM 16QAM DFT-s-OFDM 64QAM DFT-s-OFDM 256QAM	135	135	/	19.36	/	20.50
		270	0	/	19.36	/	20.50
		1	1	/	19.50	/	20.50
				/	19.40	/	20.50
				/	19.07	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
<b>50MHz</b>	CP-OFDM QPSK	1	1	/	19.45	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	19.26	19.61	19.50	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	19.47	19.40	19.51	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	19.33	19.44	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	19.38	19.50	19.43	20.50

### 4.12 Conducted Power of 5G NR n77(3700-3980)

N77 PC3 Ant.4 Full power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.37	23.44	23.38	24.50
		1	137	23.51	23.45	23.50	24.50
		1	271	23.41	23.42	23.37	24.50
		135	0	23.03	22.98	22.86	23.50
		135	69	23.39	23.37	23.43	24.50
		135	138	22.90	22.93	22.88	23.50
		270	0	22.94	22.98	23.02	23.50
	DFT-s-OFDM QPSK	1	1	23.47	23.65	23.52	24.50
		1	137	23.40	23.54	23.33	24.50
		1	271	23.39	23.40	23.43	24.50
		135	0	22.57	22.48	22.59	23.50
		135	69	23.51	23.56	23.46	24.50
		135	138	22.46	22.45	22.57	23.50
		270	0	22.56	22.59	22.54	23.50
	DFT-s-OFDM 16QAM	1	1	22.12	22.16	22.15	23.00
	DFT-s-OFDM 64QAM	1	1	20.80	20.75	20.73	22.00
DFT-s-OFDM 256QAM	1	1	19.32	19.37	19.37	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662332	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	656000	663666	24.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.39	23.25	23.29	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	23.42	23.28	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	23.41	23.26	23.32	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	23.36	23.23	23.31	24.50

N77 PC2 Ant.4 Full power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.21	26.16	26.23	27.50
		1	137	26.37	26.29	26.33	27.50
		1	271	26.28	26.17	26.21	27.50
		135	0	25.84	25.69	25.71	26.50
		135	69	26.20	26.16	26.18	27.50
		135	138	25.77	25.76	25.76	26.50
		270	0	25.72	25.75	25.80	26.50
	DFT-s-OFDM QPSK	1	1	26.35	26.47	26.45	27.50
		1	137	26.26	26.33	26.18	27.50
		1	271	26.18	26.09	26.19	27.50
		135	0	25.43	25.34	25.37	26.50
		135	69	26.26	26.43	26.25	27.50
		135	138	25.31	25.24	25.34	26.50
		270	0	25.41	25.33	25.25	26.50
	DFT-s-OFDM 16QAM	1	1	24.90	24.98	24.96	26.00
	DFT-s-OFDM 64QAM	1	1	23.54	23.62	23.63	25.00
	DFT-s-OFDM 256QAM	1	1	22.13	22.18	22.27	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	24.85	24.79	24.92	26.00



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	26.19	26.15	26.13	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	26.20	26.02	26.12	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	26.26	26.14	26.15	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	26.14	26.13	26.21	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	26.15	26.13	26.10	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	26.27	26.05	26.21	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	26.19	26.07	26.18	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	26.16	26.04	26.12	27.50

N77 Ant.4 PC3&PC2 ECI3_Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
<b>100MHz</b>	DFT-s-OFDM PI/2 BPSK	1	1	17.15	17.24	17.03	18.00
		1	137	17.20	17.25	17.06	18.00
		1	271	17.14	17.13	17.06	18.00
		135	0	17.05	17.11	17.10	18.00
		135	69	17.10	17.10	17.02	18.00
		135	138	17.11	17.08	17.03	18.00
	270	0	17.19	17.18	17.07	18.00	
	DFT-s-OFDM	1	1	17.21	17.26	17.17	18.00

	QPSK	1	137	17.11	17.12	16.98	18.00
		1	271	17.09	17.15	17.12	18.00
		135	0	17.05	17.18	17.06	18.00
		135	69	17.08	17.16	17.11	18.00
		135	138	17.03	17.14	17.08	18.00
		270	0	17.05	17.13	17.08	18.00
	DFT-s-OFDM 16QAM	1	1	17.20	17.25	17.03	18.00
	DFT-s-OFDM 64QAM	1	1	17.10	17.15	17.07	18.00
	DFT-s-OFDM 256QAM	1	1	17.13	17.24	17.14	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				650000	656000	662000	
<b>100MHz</b>	CP-OFDM QPSK	1	1	17.05	17.11	17.10	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649668	656000	662332	
<b>90MHz</b>	DFT-s-OFDM QPSK	1	1	17.08	17.25	17.10	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				649334	656000	662666	
<b>80MHz</b>	DFT-s-OFDM QPSK	1	1	17.16	17.08	17.14	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				648668	656000	663332	
<b>60MHz</b>	DFT-s-OFDM QPSK	1	1	17.18	17.26	17.06	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				648334	656000	663666	
<b>50MHz</b>	DFT-s-OFDM QPSK	1	1	17.14	17.09	17.04	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				648000	656000	664000	
<b>40MHz</b>	DFT-s-OFDM QPSK	1	1	17.04	17.22	16.98	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				647334	656000	664666	
<b>20MHz</b>	DFT-s-OFDM QPSK	1	1	17.14	17.22	17.04	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				647168	656000	664832	
<b>15MHz</b>	DFT-s-OFDM QPSK	1	1	17.10	17.18	17.00	18.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				647000	656000	665000	
<b>10MHz</b>	DFT-s-OFDM QPSK	1	1	17.08	17.13	16.97	18.00

N77 PC2 Ant.4 Full power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.96	26.11	25.97	27.50
		1	135	26.09	25.99	26.15	27.50
		1	268	26.21	26.11	25.91	27.50
		135	0	25.56	25.55	25.45	26.50
		135	68	26.15	25.99	26.12	27.50
		135	135	25.53	25.55	25.55	26.50
	DFT-s-OFDM QPSK	270	0	25.51	25.52	25.53	26.50
		1	1	26.11	26.32	26.23	27.50
		1	135	26.15	26.07	26.10	27.50
		1	268	25.89	25.87	25.98	27.50
		135	0	25.15	25.26	25.16	26.50
		135	68	26.10	26.19	26.15	27.50
	DFT-s-OFDM 16QAM	135	135	25.10	25.09	25.15	26.50
		270	0	25.17	25.20	25.09	26.50
		1	1	24.70	24.78	24.68	26.00
DFT-s-OFDM 64QAM	1	1	23.37	23.47	23.48	25.00	
DFT-s-OFDM 256QAM	1	1	21.92	22.10	22.17	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	650000	656000	662000	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	656000	664000	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	656000	664666	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647168	656000	664832	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	647000	656000	665000	27.50

N77 PC3 Ant.4 Full power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.27	23.38	23.15	24.50
		1	135	23.45	23.35	23.43	24.50
		1	268	23.21	23.32	23.08	24.50
		135	0	22.76	22.81	22.76	23.50
		135	68	23.21	23.15	23.27	24.50
		135	135	22.70	22.82	22.63	23.50
	DFT-s-OFDM QPSK	270	0	22.77	22.86	22.90	23.50
		1	1	23.18	23.45	23.44	24.50
		1	135	23.21	23.26	23.12	24.50
		1	268	23.17	23.26	23.17	24.50
		135	0	22.36	22.32	22.43	23.50
		135	68	23.25	23.29	23.36	24.50
	DFT-s-OFDM 16QAM	135	135	22.23	22.22	22.47	23.50
		270	0	22.35	22.33	22.45	23.50
		1	1	22.00	21.94	22.08	23.00
DFT-s-OFDM 64QAM	1	1	20.60	20.67	20.50	22.00	
DFT-s-OFDM 256QAM	1	1	19.13	19.21	19.07	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	650000	656000	662000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	656000	664000	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	656000	664666	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647168	656000	664832	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	647000	656000	665000	24.50

N77 Ant.4 PC3&PC2 EC13_Receiver on				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.91	17.19	16.83	18.00
		1	135	17.12	17.00	17.01	18.00
		1	268	17.05	16.87	16.87	18.00
		135	0	16.89	17.05	17.03	18.00
		135	68	16.90	16.94	16.86	18.00
		135	135	17.02	17.01	16.83	18.00
	DFT-s-OFDM QPSK	270	0	16.97	16.89	16.80	18.00
		1	1	17.03	17.19	17.01	18.00
		1	135	17.02	16.87	16.68	18.00
		1	268	16.99	17.10	16.89	18.00
		135	0	16.86	16.94	16.94	18.00
		135	68	16.81	16.92	17.06	18.00
	DFT-s-OFDM 16QAM	135	135	16.98	16.91	16.92	18.00
		270	0	16.80	16.99	16.80	18.00
		1	1	16.93	17.00	16.77	18.00
DFT-s-OFDM 64QAM	1	1	17.04	16.93	16.96	18.00	
DFT-s-OFDM 256QAM	1	1	17.05	17.06	17.03	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	650000	656000	662000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	656000	664000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	656000	664666	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	647168	656000	664832	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	647000	656000	665000	18.00

# 5 Conducted Power of WIFI

## 5.1 Conducted Power of WIFI2.4G

WIFI 2.4G Ant.5				Full power	
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.88	21.00
	6	2437		20.52	21.00
	11	2462		20.48	21.00
802.11g	1	2412	6	18.86	20.00
	6	2437		19.16	20.00
	11	2462		19.06	20.00
802.11n HT20	1	2412	6.5	17.98	19.00
	6	2437		18.21	19.00
	11	2462		18.16	19.00
802.11n HT40	3	2422	6.5	17.32	18.00
	6	2437		17.49	18.00
	9	2452		17.51	18.00

WIFI 2.4G Ant.5				Receiver on_ECI3	
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	9.89	11.50
	6	2437		10.59	11.50
	11	2462		10.43	11.50
802.11g	1	2412	6	9.29	11.50
	6	2437		9.91	11.50
	11	2462		9.76	11.50
802.11n HT20	1	2412	6.5	9.23	11.50
	6	2437		10.00	11.50
	11	2462		9.79	11.50
802.11n HT40	3	2422	6.5	9.25	11.50
	6	2437		9.94	11.50
	9	2452		9.75	11.50

WIFI 2.4G Ant.5				Hotspot on_EC14	
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.25	16.50
	6	2437		15.88	16.50
	11	2462		15.62	16.50
802.11g	1	2412	6	14.64	16.50
	6	2437		15.29	16.50
	11	2462		14.96	16.50
802.11n HT20	1	2412	6.5	14.68	16.50
	6	2437		15.25	16.50
	11	2462		14.97	16.50
802.11n HT40	3	2422	6.5	14.56	16.50
	6	2437		15.30	16.50
	9	2452		15.00	16.50

## 5.2 Conducted Power of WIFI5G

WIFI 5G Ant.5					Full power	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	18.77	20.50
		40	5200		18.97	20.50
		44	5220		18.96	20.50
		48	5240		18.99	20.50
	U-NII-2A	52	5260		19.03	20.50
		56	5280		19.01	20.50
		60	5300		19.04	20.50
		64	5320		19.06	20.50
	U-NII-2C	100	5500		19.21	20.00
		104	5520		19.18	20.00
		108	5540		19.16	20.00
		112	5560		19.18	20.00
		116	5580		19.20	20.00
		120	5600		18.98	20.00
		124	5620		18.97	20.00
		128	5640		18.74	20.00
	U-NII-3	132	5660		18.72	20.00
		136	5680		18.71	20.00
		140	5700		18.52	20.00
		149	5745		18.87	20.50
153		5765	18.91	20.50		
		157	5785	18.99	20.50	
		161	5805	18.67	20.50	
		165	5825	18.84	20.50	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	17.62	20.00
		40	5200		17.97	20.00
		44	5220		17.94	20.00
		48	5240		18.09	20.00
	U-NII-2A	52	5260		18.01	20.00
		56	5280		18.03	20.00
		60	5300		18.06	20.00
		64	5320		17.98	20.00
	U-NII-2C	100	5500		18.06	19.00
		104	5520		18.01	19.00
		108	5540		18.03	19.00
		112	5560		18.06	19.00



		116	5580		18.00	19.00
		120	5600		17.98	19.00
		124	5620		17.88	19.00
		128	5640		17.93	19.00
		132	5660		17.64	19.00
		136	5680		17.69	19.00
		140	5700		17.61	19.00
	U-NII-3	149	5745		17.79	20.00
		153	5765		17.81	20.00
		157	5785		17.65	20.00
		161	5805		17.88	20.00
		165	5825		17.93	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	17.91	20.00
		46	5230		17.94	20.00
	U-NII-2A	54	5270		17.79	20.00
		62	5310		17.74	20.00
	U-NII-2C	102	5510		17.85	19.00
		110	5550		18.09	19.00
		118	5590		17.77	19.00
		126	5630		17.64	19.00
	U-NII-3	134	5670		17.45	19.00
		151	5755		17.98	20.00
159		5795	17.81	20.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	17.69	20.00
		40	5200		17.88	20.00
		44	5220		17.84	20.00
		48	5240		17.88	20.00
	U-NII-2A	52	5260		17.91	20.00
		56	5280		17.89	20.00
		60	5300		17.93	20.00
		64	5320		17.92	20.00
	U-NII-2C	100	5500		18.01	19.00
		104	5520		18.00	19.00
		108	5540		17.98	19.00
		112	5560		17.87	19.00
		116	5580		17.94	19.00
		120	5600		17.90	19.00
		124	5620	17.93	19.00	

		128	5640		17.88	19.00
		132	5660		17.61	19.00
		136	5680		17.65	19.00
		140	5700		17.60	19.00
	U-NII-3	149	5745		17.73	20.00
		153	5765		17.80	20.00
		157	5785		17.63	20.00
		161	5805		17.82	20.00
		165	5825		17.90	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	16.94	19.00
		46	5230		16.90	19.00
	U-NII-2A	54	5270		16.74	19.00
		62	5310		16.75	19.00
	U-NII-2C	102	5510		16.88	18.00
		110	5550		17.03	18.00
		118	5590		16.81	18.00
		126	5630		16.66	18.00
	U-NII-3	134	5670		16.49	18.00
		151	5755		16.99	19.00
		159	5795		16.83	19.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ac 80M	U-NII-1	42	5210	MCS0	16.45	18.50
	U-NII-2A	58	5290		16.46	18.50
	U-NII-2C	106	5530		16.53	17.50
		122	5610		16.49	17.50
	U-NII-3	155	5775		16.54	18.50

WIFI 5G Ant.5					Receiver on_EC13	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.84	15.00
		40	5200		14.04	15.00
		44	5220		14.00	15.00
		48	5240		14.03	15.00
	U-NII-2A	52	5260		14.10	15.00
		56	5280		14.07	15.00
		60	5300		14.12	15.00
		64	5320		14.18	15.00
	U-NII-2C	100	5500		15.08	15.50
		104	5520		15.00	15.50
		108	5540		15.01	15.50
		112	5560		15.07	15.50
		116	5580		15.05	15.50
		120	5600		14.82	15.50
		124	5620		14.85	15.50
		128	5640		14.56	15.50
	U-NII-3	132	5660		14.62	15.50
		136	5680		14.53	15.50
		140	5700		14.41	15.50
		149	5745		15.01	16.00
153		5765	15.03	16.00		
157		5785	15.06	16.00		
161		5805	14.87	16.00		
165	5825	14.98	16.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.43	14.50
		40	5200		12.88	14.50
		44	5220		12.77	14.50
		48	5240		13.02	14.50
	U-NII-2A	52	5260		12.94	14.50
		56	5280		12.94	14.50
		60	5300		13.01	14.50
	U-NII-2C	64	5320		12.93	14.50
		100	5500		13.93	14.50
		104	5520		13.87	14.50
		108	5540		13.86	14.50
		112	5560		13.90	14.50
116	5580	13.91	14.50			

		120	5600		13.83	14.50
		124	5620		13.80	14.50
		128	5640		13.79	14.50
		132	5660		13.54	14.50
		136	5680		13.59	14.50
		140	5700		13.49	14.50
	U-NII-3	149	5745		13.71	15.50
		153	5765		13.66	15.50
		157	5785		13.57	15.50
		161	5805		13.72	15.50
		165	5825		13.77	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.77	14.50
		46	5230		12.89	14.50
	U-NII-2A	54	5270		12.65	14.50
		62	5310		12.58	14.50
	U-NII-2C	102	5510		13.88	14.50
		110	5550		13.96	14.50
		118	5590		13.63	14.50
		126	5630		13.49	14.50
	U-NII-3	134	5670		13.26	14.50
		151	5755		13.86	15.50
159		5795	17.81	15.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	12.53	14.50
		40	5200		12.80	14.50
		44	5220		12.70	14.50
		48	5240		12.82	14.50
	U-NII-2A	52	5260		12.84	14.50
		56	5280		12.70	14.50
		60	5300		12.86	14.50
		64	5320		12.83	14.50
	U-NII-2C	100	5500		13.81	14.50
		104	5520		13.85	14.50
		108	5540		13.78	14.50
		112	5560		13.67	14.50
		116	5580		13.85	14.50
		120	5600		13.75	14.50
		124	5620	13.82	14.50	
		128	5640	13.82	14.50	

		132	5660		13.44	14.50
		136	5680		13.50	14.50
		140	5700		13.40	14.50
	U-NII-3	149	5745		13.66	15.50
		153	5765		13.72	15.50
		157	5785		13.44	15.50
		161	5805		13.74	15.50
		165	5825		13.74	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	11.77	13.50
		46	5230		11.85	13.50
	U-NII-2A	54	5270		11.67	13.50
		62	5310		11.59	13.50
	U-NII-2C	102	5510		12.81	13.50
		110	5550		12.93	13.50
		118	5590		12.69	13.50
		126	5630		12.58	13.50
		134	5670		12.37	13.50
	U-NII-3	151	5755		12.91	14.50
		159	5795		12.66	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.30	13.00
	U-NII-2A	58	5290		11.27	13.00
	U-NII-2C	106	5530		12.43	13.00
		122	5610		12.35	13.00
	U-NII-3	155	5775		12.45	14.00

WIFI 5G Ant.5					Hotspot on_EC14	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	11.49	12.50
		40	5200		11.63	12.50
		44	5220		11.66	12.50
		48	5240		11.73	12.50
	U-NII-2A	52	5260			
		56	5280			
		60	5300			
		64	5320			
	U-NII-2C	100	5500			
		104	5520			
		108	5540			
		112	5560			
		116	5580			
		120	5600			
		124	5620			
		128	5640			
	U-NII-3	132	5660			
		136	5680			
		140	5700			
		149	5745		11.57	12.50
153		5765	11.53	12.50		
	157	5785	11.68	12.50		
	161	5805	11.55	12.50		
	165	5825	11.51	12.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	10.20	12.00
		40	5200		10.51	12.00
		44	5220		10.56	12.00
		48	5240		10.64	12.00
	U-NII-2A	52	5260			
		56	5280			
		60	5300			
		64	5320			
	U-NII-2C	100	5500			
		104	5520			
		108	5540			
		112	5560			
		116	5580			

		120	5600				
		124	5620				
		128	5640				
		132	5660				
		136	5680				
		140	5700				
	U-NII-3	149	5745		10.41	12.00	
		153	5765		10.37	12.00	
		157	5785		10.22	12.00	
		161	5805		10.51	12.00	
		165	5825		10.49	12.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n-HT40	U-NII-1	38	5190	MCS0	10.52	12.00	
		46	5230		10.54	12.00	
	U-NII-2A	54	5270				
		62	5310				
		U-NII-2C	102		5510		
			110		5550		
	118		5590				
		126	5630				
		134	5670				
	U-NII-3	151	5755		10.61	12.00	
159		5795	10.43	12.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ac-20	U-NII-1	36	5180	MCS0	10.21	12.00	
		40	5200		10.48	12.00	
		44	5220		10.44	12.00	
		48	5240		10.49	12.00	
	U-NII-2A	52	5260				
		56	5280				
		60	5300				
		64	5320				
	U-NII-2C	100	5500				
		104	5520				
		108	5540				
		112	5560				
		116	5580				
		120	5600				
	124	5620					
	128	5640					

		132	5660			
		136	5680			
		140	5700			
	U-NII-3	149	5745		10.25	12.00
		153	5765		10.42	12.00
		157	5785		10.17	12.00
		161	5805		10.34	12.00
		165	5825		10.53	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	9.49	11.00
		46	5230		9.40	11.00
	U-NII-2A	54	5270			
		62	5310			
	U-NII-2C	102	5510			
		110	5550			
		118	5590			
		126	5630			
	U-NII-3	134	5670			
		151	5755		9.54	11.00
159	5795	9.46	11.00			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.97	10.50
	U-NII-2A	58	5290			
	U-NII-2C	106	5530			
		122	5610			
	U-NII-3	155	5775		9.11	10.50



WIFI 5G Ant.5					Sensor on_EC11	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.93	14.00
		40	5200		13.09	14.00
		44	5220		13.15	14.00
		48	5240		13.11	14.00
	U-NII-2A	52	5260		13.15	14.00
		56	5280		13.15	14.00
		60	5300		13.24	14.00
		64	5320		13.27	14.00
	U-NII-2C	100	5500		12.86	13.50
		104	5520		12.71	13.50
		108	5540		12.68	13.50
		112	5560		12.74	13.50
		116	5580		12.66	13.50
		120	5600		12.59	13.50
		124	5620		12.62	13.50
		128	5640		12.81	13.50
	U-NII-3	132	5660		12.73	13.50
		136	5680		12.61	13.50
		140	5700		12.64	13.50
		149	5745		13.43	14.50
153		5765	13.46	14.50		
	157	5785	13.59	14.50		
	161	5805	13.28	14.50		
	165	5825	13.34	14.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.09	14.00
		40	5200		12.05	14.00
		44	5220		12.18	14.00
		48	5240		12.11	14.00
	U-NII-2A	52	5260		12.05	14.00
		56	5280		12.03	14.00
		60	5300		12.15	14.00
	U-NII-2C	64	5320		12.09	14.00
		100	5500		12.12	13.50
		104	5520		12.11	13.50
		108	5540		12.04	13.50
		112	5560		12.15	13.50
116	5580	12.11	13.50			

		120	5600		11.99	13.50
		124	5620		11.94	13.50
		128	5640		12.06	13.50
		132	5660		11.76	13.50
		136	5680		11.77	13.50
		140	5700		11.71	13.50
	U-NII-3	149	5745		12.32	14.50
		153	5765		12.42	14.50
		157	5785		12.18	14.50
		161	5805		12.43	14.50
		165	5825		12.57	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.04	13.50
		46	5230		12.03	13.50
	U-NII-2A	54	5270		11.91	13.50
		62	5310		11.85	13.50
	U-NII-2C	102	5510		11.88	12.50
		110	5550		12.16	12.50
		118	5590		11.81	12.50
		126	5630		11.75	12.50
	U-NII-3	134	5670		11.59	12.50
		151	5755		12.55	14.00
159		5795	12.38	14.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	11.71	13.50
		40	5200		11.92	13.50
		44	5220		11.93	13.50
		48	5240		11.96	13.50
	U-NII-2A	52	5260		12.01	13.50
		56	5280		11.92	13.50
		60	5300		12.05	13.50
		64	5320		11.94	13.50
	U-NII-2C	100	5500		12.09	12.50
		104	5520		12.07	12.50
		108	5540		12.12	12.50
		112	5560		11.92	12.50
		116	5580		11.97	12.50
		120	5600		11.94	12.50
		124	5620	12.00	12.50	
		128	5640	11.98	12.50	

		132	5660		11.72	12.50
		136	5680		11.75	12.50
		140	5700		11.72	12.50
	U-NII-3	149	5745		12.29	14.00
		153	5765		12.42	14.00
		157	5785		12.26	14.00
		161	5805		12.38	14.00
		165	5825		12.42	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	10.96	12.50
		46	5230		11.05	12.50
	U-NII-2A	54	5270		10.84	12.50
		62	5310		10.79	12.50
	U-NII-2C	102	5510		10.92	11.50
		110	5550		11.06	11.50
		118	5590		10.87	11.50
		126	5630		10.78	11.50
		134	5670		10.50	11.50
	U-NII-3	151	5755		11.59	13.00
		159	5795		11.47	13.00
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)
802.11ac 80M	U-NII-1	42	5210	MCS0	10.47	12.00
	U-NII-2A	58	5290		10.50	12.00
	U-NII-2C	106	5530		10.65	11.00
		122	5610		10.52	11.00
	U-NII-3	155	5775		11.17	12.50

## 6 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	10.11	10.53	10.13	11.50
	$\pi/4$ DQPSK	7.06	6.59	6.74	7.50
	8DPSK	7.16	6.63	6.79	7.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	-2.78	-2.74	-2.98	-2.50
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	-2.71	-2.69	-3.01	-2.50

# 7 Conducted Power of LTE CA

## 7.1 Conducted Power of LTE DL CA

CA List	PCC								SCC1				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq.	Channel		RB	Offset	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
			(MHz)	(MHz)							(MHz)		(dBm)	(dBm)
CA_2A-2A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	24.23	24.37
CA_2A-4A	Band 2	3	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	24.23	24.37
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	23.74	23.86
CA_2A-5A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.22	24.37
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	23.82	24.02
CA_2A-12A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	24.31	24.37
	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	24.11	24.27
CA_2A-14A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330	24.09	24.37
	Band 14	0	10M	793	23230	QPSK	1	0	Band 2	20M	1960	900	24.16	24.36
CA_2A-29A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 29	10M	722.5	9715	24.19	24.37
CA_2A-30A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 30	10M	2355	9820	24.21	24.37
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	23.32	23.45
CA_2A-48A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	24.18	24.37
	Band 48	4	20M	3609	55830	QPSK	1	0	Band 2	20M	1960	900	23.12	23.25
CA_2A-66A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 66	20M	2164.8	66984	24.26	24.37
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	23.85	23.96
CA_2A-71A	Band 2	3	20M	1880	18900	QPSK	1	0	Band 71	20M	637	68786	24.17	24.37
	Band 71	0	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	24.26	24.45
CA_2C	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	24.18	24.37
CA_4A-4A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	23.63	23.86
CA_4A-5A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.57	23.86
	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.94	24.02
CA_4A-12A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	23.65	23.86
	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 4	5M	2152.5	2375	24.19	24.27
CA_4A-71A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786	23.75	23.86
	Band 71	0	20M	683	133322	QPSK	1	0	Band 4	5M	2152.5	2375	24.37	24.45
CA_4A-29A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 29	10M	722.5	9715	23.59	23.86
CA_4A-30A	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 30	10M	2355	9820	23.66	23.86
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 4	5M	2152.5	2375	23.37	23.45
CA_5A-30A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	23.91	24.02

	Band 30	3	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525	23.31	23.45
CA_5A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	23.75	24.02
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	23.86	23.96
CA_12A-30A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820	24.18	24.27
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095	23.27	23.45
CA_12A-66A	Band 12	0	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786	24.16	24.27
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	23.73	23.96
CA_14A-30A	Band 14	0	10M	793	23230	QPSK	1	0	Band 30	10M	2355	9820	24.22	24.36
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 14	10M	763	5330	23.24	23.45
CA_14A-66A	Band 14	0	10M	793	23230	QPSK	1	0	Band 66	20M	2145	66786	24.14	24.36
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 14	10M	763	5330	23.76	23.96
CA_29A-30A	Band 30	3	10M	2310	27710	QPSK	1	0	Band 29	10M	722.5	9715	23.28	23.45
CA_29A-66A	Band 66	3	20M	1745	132322	QPSK	1	0	Band 29	10M	722.5	9715	23.85	23.96
CA_30A-66A	Band 30	3	10M	2310	27710	QPSK	1	0	Band 66	20M	2145	66786	23.36	23.45
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 30	10M	2355	9820	23.72	23.96
CA_48C	Band 48	4	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	23.11	23.25
CA_48B	Band 48	4	15M	3608	55820	QPSK	1	0	Band 48	5M	3697.5	56715	23.02	23.18
CA_48A-66A	Band 48	4	20M	3609	55830	QPSK	1	0	Band 66	20M	2145	66786	23.06	23.25
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830	23.89	23.96
CA_66C	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	23.74	23.96
CA_66B	Band 66	3	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	23.72	23.92
CA_66A-66A	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	23.78	23.96
CA_66A-71A	Band 66	3	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786	23.86	23.96
	Band 71	0	20M	683	133322	QPSK	1	0	Band 66	20M	2145	66786	24.18	24.45