Appendix E

Conducted RF Output Power Table

Measurement of RF conducted Power
1 Conducted Power of GSM
1.1 Conducted Power of GSM850
1.2 Conducted Power of GSM1900
2 Conducted Power of WCDMA
2.1 Conducted Power of WCDMA II
2.2 Conducted Power of WCDMA IV
2.3 Conducted Power of WCDMA V
3 Conducted Power of LTE
3.1 Conducted Power of LTE Band 2
3.2 Conducted Power of LTE Band 4
3.3 Conducted Power of LTE Band 5
3.4 Conducted Power of LTE Band 12
3.5 Conducted Power of LTE Band 14
3.6 Conducted Power of LTE Band 17
3.7 Conducted Power of LTE Band 26
3.8 Conducted Power of LTE Band 30
3.9 Conducted Power of LTE Band 48
3.10 Conducted Power of LTE Band 66
3.11 Conducted Power of LTE Band 71
4 Conducted Power of 5G NR
4.1 Conducted Power of 5G NR n2

4.2 Conducted Power of 5G NR n5
4.3 Conducted Power of 5G NR n25
4.4 Conducted Power of 5G NR n26
4.5 Conducted Power of 5G NR n30
4.6 Conducted Power of 5G NR n41
4.7 Conducted Power of 5G NR n48
4.8 Conducted Power of 5G NR n66
4.9 Conducted Power of 5G NR n70
4.10 Conducted Power of 5G NR n71
4.11 Conducted Power of 5G NR n77(3450-3550)
4.12 Conducted Power of 5G NR n77(3700-3980)
5 Conducted Power of WIFI
5.1 Conducted Power of WIFI2.4G
5.2 Conducted Power of WIFI5G
5.3 Conducted Power of WIFI6E
6 Conducted Power of Bluetooth
7 Conducted Power of LTE CA
7.1 Conducted Power of UL CA
7.2 Conducted Power of DL CA

1 Conducted Power of GSM

1.1 Conducted Power of GSM850

GSM 850 Ant1 Full Power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.50	32.57	32.55	33.30	-9.19	23.31	23.38	23.36	24.11
GPRS/EGPRS (GMSK)	1 TX Slot	32.40	32.44	32.46	33.30	-9.19	23.21	23.25	23.27	24.11
	2 TX Slots	30.67	30.76	30.72	31.30	-6.18	24.49	24.58	24.54	25.12
	3 TX Slots	28.77	28.72	28.72	29.30	-4.42	24.35	24.30	24.30	24.88
	4 TX Slots	26.70	26.73	26.67	28.30	-3.17	23.53	23.56	23.50	25.13
EGPRS(8PSK)	1 TX Slot	26.75	26.73	26.79	27.30	-9.19	17.56	17.54	17.60	18.11
	2 TX Slots	24.49	24.47	24.43	25.30	-6.18	18.31	18.29	18.25	19.12
	3 TX Slots	22.47	22.40	22.47	23.30	-4.42	18.05	17.98	18.05	18.88
	4 TX Slots	20.37	20.42	20.35	21.30	-3.17	17.20	17.25	17.18	18.13

1.2 Conducted Power of GSM1900

GSM 1900 Ant2 Full Power										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		512	661	810			512	661	810	
GSM(GMSK)	GSM	29.58	29.59	29.62	30.30	-9.19	20.39	20.40	20.43	21.11
GPRS/EGPRS (GMSK)	1 TX Slot	29.62	29.65	29.55	30.30	-9.19	20.43	20.46	20.36	21.11
	2 TX Slots	27.74	27.74	27.69	28.30	-6.18	21.56	21.56	21.51	22.12
	3 TX Slots	25.72	25.65	25.64	26.30	-4.42	21.30	21.23	21.22	21.88
	4 TX Slots	23.61	23.63	23.62	25.30	-3.17	20.44	20.46	20.45	22.13
EGPRS(8PSK)	1 TX Slot	25.35	25.27	25.30	26.30	-9.19	16.16	16.08	16.11	17.11
	2 TX Slots	22.86	22.83	22.82	24.30	-6.18	16.68	16.65	16.64	18.12
	3 TX Slots	20.67	20.68	20.67	22.30	-4.42	16.25	16.26	16.25	17.88
	4 TX Slots	18.44	18.40	18.45	20.30	-3.17	15.27	15.23	15.28	17.13

2 Conducted Power of WCDMA

2.1 Conducted Power of WCDMA II

WCDMA Band II Ant2 Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.89	22.93	22.87	23.80
	12.2kbps AMR	22.67	22.71	22.66	23.80
HSDPA	Subtest 1	22.32	22.22	22.28	22.80
	Subtest 2	22.42	22.18	22.28	22.80
	Subtest 3	21.79	21.90	21.78	22.30
	Subtest 4	21.80	21.73	21.93	22.30
HSUPA	Subtest 1	20.18	20.25	20.15	20.80
	Subtest 2	20.33	20.20	20.24	20.80
	Subtest 3	21.25	21.13	21.33	21.80
	Subtest 4	19.79	19.63	19.79	20.30
	Subtest 5	21.24	21.28	21.37	21.80
DC-HSDPA	Subtest 1	22.16	22.30	22.40	22.80
	Subtest 2	22.08	22.19	22.31	22.80
	Subtest 3	21.77	21.80	21.80	22.30
	Subtest 4	21.74	21.62	21.81	22.30
HSPA+	16QAM	21.27	21.18	21.30	21.80

2.2 Conducted Power of WCDMA IV

WCDMA Band IV Ant2 Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	22.99	23.00	22.93	23.80
	12.2kbps AMR	22.82	22.87	22.78	23.80
HSDPA	Subtest 1	22.35	22.31	22.38	22.80
	Subtest 2	22.50	22.32	22.41	22.80
	Subtest 3	21.92	21.99	21.95	22.30
	Subtest 4	21.86	21.80	22.06	22.30
HSUPA	Subtest 1	20.27	20.40	20.25	20.80
	Subtest 2	20.42	20.34	20.33	20.80
	Subtest 3	21.28	21.30	21.42	21.80
	Subtest 4	19.89	19.79	19.92	20.30
	Subtest 5	21.32	21.34	21.51	21.80
DC-HSDPA	Subtest 1	22.32	22.39	22.51	22.80
	Subtest 2	22.22	22.36	22.47	22.80
	Subtest 3	21.91	21.87	21.89	22.30
	Subtest 4	21.86	21.80	21.90	22.30
HSPA+	16QAM	21.30	21.29	21.35	21.80

2.3 Conducted Power of WCDMA V

WCDMA Band V Ant1 Full Power					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.87	22.87	22.85	23.80
	12.2kbps AMR	22.69	22.74	22.66	23.80
HSDPA	Subtest 1	22.30	22.23	22.28	22.80
	Subtest 2	22.38	22.21	22.33	22.80
	Subtest 3	21.81	21.89	21.82	22.30
	Subtest 4	21.81	21.70	21.94	22.30
HSUPA	Subtest 1	20.23	20.27	20.18	20.80
	Subtest 2	20.35	20.26	20.20	20.80
	Subtest 3	21.21	21.17	21.34	21.80
	Subtest 4	19.77	19.64	19.78	20.30
	Subtest 5	21.21	21.28	21.40	21.80
DC-HSDPA	Subtest 1	22.17	22.32	22.44	22.80
	Subtest 2	22.11	22.23	22.36	22.80
	Subtest 3	21.78	21.77	21.80	22.30
	Subtest 4	21.77	21.68	21.80	22.30
HSPA+	16QAM	21.22	21.16	21.25	21.80

3 Conducted Power of LTE

3.1 Conducted Power of LTE Band 2

LTE Band 2 Ant2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.50	22.42	22.39	23.10
		1	2	22.45	22.35	22.33	23.10
		1	5	22.45	22.45	22.39	23.10
		3	0	22.37	22.41	22.33	23.10
		3	2	22.37	22.44	22.32	23.10
		3	3	22.36	22.37	22.36	23.10
		6	0	21.45	21.34	21.43	22.10
	16QAM	1	0	21.62	21.59	21.48	22.10
		1	2	21.54	21.50	21.60	22.10
		1	5	21.47	21.50	21.54	22.10
		3	0	21.53	21.53	21.44	22.10
		3	2	21.52	21.60	21.42	22.10
		3	3	21.52	21.57	21.44	22.10
		6	0	20.62	20.58	20.50	21.10
	64QAM	1	0	20.57	20.57	20.57	21.10
		1	2	20.52	20.68	20.56	21.10
		1	5	20.64	20.56	20.61	21.10
		3	0	20.60	20.56	20.51	21.10
		3	2	20.60	20.56	20.51	21.10
		3	3	20.63	20.65	20.55	21.10
		6	0	19.62	19.67	19.64	20.10
	256QAM	1	0	17.76	17.80	17.75	18.10
		1	2	17.82	17.78	17.81	18.10
		1	5	17.85	17.83	17.85	18.10
		3	0	17.80	17.74	17.85	18.10
		3	2	17.83	17.83	17.78	18.10
		3	3	17.75	17.83	17.78	18.10
		6	0	17.78	17.82	17.74	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	22.44	22.43	22.41	23.10
		1	7	22.40	22.36	22.34	23.10
		1	14	22.48	22.36	22.38	23.10
		8	0	21.42	21.39	21.45	22.10
		8	4	21.43	21.44	21.49	22.10
		8	7	21.52	21.43	21.51	22.10
		15	0	21.47	21.35	21.48	22.10
	16QAM	1	0	21.51	21.50	21.52	22.10
		1	7	21.54	21.52	21.54	22.10
		1	14	21.45	21.51	21.49	22.10
		8	0	20.53	20.60	20.60	21.10

		8	4	20.60	20.60	20.53	21.10
		8	7	20.60	20.59	20.59	21.10
		15	0	20.59	20.62	20.56	21.10
	64QAM	1	0	20.62	20.64	20.52	21.10
		1	7	20.52	20.63	20.63	21.10
		1	14	20.59	20.59	20.59	21.10
		8	0	19.64	19.66	19.67	20.10
		8	4	19.74	19.67	19.74	20.10
		8	7	19.62	19.69	19.62	20.10
		15	0	19.63	19.72	19.63	20.10
	256QAM	1	0	17.82	17.84	17.75	18.10
		1	7	17.83	17.81	17.77	18.10
		1	14	17.74	17.79	17.74	18.10
		8	0	17.76	17.80	17.80	18.10
		8	4	17.83	17.78	17.76	18.10
		8	7	17.78	17.84	17.84	18.10
		15	0	17.79	17.81	17.75	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.51	22.44	22.44	23.10
		1	13	22.35	22.36	22.36	23.10
		1	24	22.43	22.44	22.38	23.10
		12	0	21.41	21.42	21.40	22.10
		12	6	21.44	21.47	21.45	22.10
		12	13	21.52	21.53	21.52	22.10
		25	0	21.51	21.37	21.45	22.10
	16QAM	1	0	21.56	21.57	21.47	22.10
		1	13	21.49	21.51	21.62	22.10
		1	24	21.52	21.54	21.44	22.10
		12	0	20.52	20.57	20.60	21.10
		12	6	20.55	20.59	20.51	21.10
		12	13	20.63	20.60	20.57	21.10
		25	0	20.58	20.62	20.48	21.10
	64QAM	1	0	20.61	20.63	20.53	21.10
		1	13	20.55	20.67	20.64	21.10
		1	24	20.56	20.57	20.55	21.10
		12	0	19.60	19.73	19.68	20.10
		12	6	19.74	19.63	19.74	20.10
		12	13	19.68	19.70	19.64	20.10
		25	0	19.61	19.66	19.64	20.10
	256QAM	1	0	17.81	17.79	17.78	18.10
		1	13	17.78	17.84	17.82	18.10
		1	24	17.81	17.85	17.84	18.10
		12	0	17.82	17.75	17.82	18.10
		12	6	17.75	17.77	17.78	18.10
		12	13	17.83	17.79	17.81	18.10
		25	0	17.75	17.75	17.74	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.45	22.49	22.36	23.10

		1	25	22.45	22.33	22.37	23.10
		1	49	22.48	22.38	22.37	23.10
		25	0	21.46	21.44	21.37	22.10
		25	13	21.43	21.53	21.52	22.10
		25	25	21.53	21.45	21.48	22.10
		50	0	21.46	21.36	21.48	22.10
	16QAM	1	0	21.55	21.59	21.50	22.10
		1	25	21.52	21.51	21.59	22.10
		1	49	21.53	21.53	21.46	22.10
		25	0	20.50	20.61	20.67	21.10
		25	13	20.63	20.63	20.55	21.10
		25	25	20.55	20.66	20.61	21.10
		50	0	20.62	20.66	20.51	21.10
	64QAM	1	0	20.61	20.62	20.54	21.10
		1	25	20.57	20.65	20.60	21.10
		1	49	20.54	20.55	20.66	21.10
		25	0	19.59	19.67	19.67	20.10
		25	13	19.65	19.68	19.66	20.10
		25	25	19.63	19.64	19.72	20.10
		50	0	19.70	19.64	19.66	20.10
	256QAM	1	0	17.85	17.81	17.83	18.10
		1	25	17.76	17.77	17.83	18.10
		1	49	17.84	17.77	17.85	18.10
		25	0	17.83	17.83	17.74	18.10
		25	13	17.74	17.79	17.84	18.10
		25	25	17.77	17.80	17.75	18.10
		50	0	17.75	17.83	17.82	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	22.49	22.43	22.39	23.10
		1	38	22.46	22.34	22.32	23.10
		1	74	22.41	22.45	22.41	23.10
		36	0	21.41	21.40	21.41	22.10
		36	18	21.43	21.45	21.44	22.10
		36	39	21.54	21.47	21.53	22.10
		75	0	21.47	21.33	21.48	22.10
	16QAM	1	0	21.61	21.61	21.49	22.10
		1	38	21.53	21.45	21.56	22.10
		1	74	21.46	21.54	21.54	22.10
		36	0	20.59	20.53	20.62	21.10
		36	18	20.61	20.58	20.53	21.10
		36	39	20.52	20.55	20.55	21.10
		75	0	20.60	20.56	20.56	21.10
	64QAM	1	0	20.62	20.57	20.57	21.10
		1	38	20.54	20.69	20.56	21.10
		1	74	20.57	20.59	20.57	21.10
		36	0	19.61	19.72	19.66	20.10
		36	18	19.72	19.68	19.68	20.10
		36	39	19.70	19.62	19.67	20.10
		75	0	19.63	19.68	19.73	20.10
	256QAM	1	0	17.82	17.84	17.82	18.10

		1	38	17.83	17.77	17.76	18.10
		1	74	17.77	17.74	17.78	18.10
		36	0	17.78	17.83	17.75	18.10
		36	18	17.84	17.80	17.77	18.10
		36	39	17.80	17.81	17.80	18.10
		75	0	17.76	17.85	17.77	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.49	22.55	22.37	23.10
		1	50	22.37	22.37	22.37	23.10
		1	99	22.40	22.43	22.40	23.10
		50	0	21.56	21.65	21.54	22.10
		50	25	21.49	21.43	21.44	22.10
		50	50	21.52	21.45	21.51	22.10
		100	0	21.47	21.50	21.41	22.10
	16QAM	1	0	21.52	21.58	21.51	22.10
		1	50	21.49	21.46	21.52	22.10
		1	99	21.46	21.51	21.45	22.10
		50	0	20.49	20.56	20.66	21.10
		50	25	20.57	20.65	20.52	21.10
		50	50	20.63	20.62	20.57	21.10
		100	0	20.62	20.58	20.54	21.10
	64QAM	1	0	20.57	20.61	20.53	21.10
		1	50	20.55	20.60	20.58	21.10
		1	99	20.55	20.62	20.57	21.10
		50	0	19.63	19.69	19.73	20.10
		50	25	19.68	19.66	19.74	20.10
		50	50	19.65	19.66	19.63	20.10
		100	0	19.70	19.70	19.73	20.10
	256QAM	1	0	17.84	17.84	17.76	18.10
		1	50	17.77	17.77	17.82	18.10
		1	99	17.77	17.83	17.83	18.10
		50	0	17.84	17.79	17.84	18.10
		50	25	17.79	17.78	17.76	18.10
		50	50	17.77	17.76	17.81	18.10
		100	0	17.81	17.81	17.76	18.10

LTE Band 2 Ant2 Full Power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.35	23.30	23.28	24.30
		1	2	23.27	23.24	23.18	24.30
		1	5	23.32	23.32	23.25	24.30
		3	0	23.24	23.25	23.17	24.30
		3	2	23.26	23.28	23.20	24.30
		3	3	23.20	23.23	23.21	24.30
		6	0	22.27	22.19	22.30	23.30
	16QAM	1	0	22.50	22.49	22.32	23.30

		1	2	22.44	22.32	22.42	23.30
		1	5	22.32	22.37	22.40	23.30
		3	0	22.34	22.37	22.33	23.30
		3	2	22.35	22.49	22.28	23.30
		3	3	22.39	22.39	22.33	23.30
		6	0	21.46	21.42	21.32	22.30
	64QAM	1	0	21.41	21.42	21.39	22.30
		1	2	21.41	21.56	21.44	22.30
		1	5	21.52	21.39	21.42	22.30
		3	0	21.47	21.45	21.40	22.30
		3	2	21.45	21.39	21.39	22.30
		3	3	21.47	21.51	21.44	22.30
		6	0	20.47	20.52	20.49	21.30
	256QAM	1	0	18.58	18.68	18.56	19.30
		1	2	18.70	18.64	18.67	19.30
		1	5	18.72	18.64	18.68	19.30
		3	0	18.62	18.56	18.72	19.30
		3	2	18.70	18.71	18.59	19.30
		3	3	18.63	18.68	18.65	19.30
		6	0	18.62	18.70	18.61	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.27	23.32	23.30	24.30
		1	7	23.23	23.23	23.20	24.30
		1	14	23.36	23.21	23.24	24.30
		8	0	22.24	22.27	22.34	23.30
		8	4	22.27	22.25	22.30	23.30
		8	7	22.37	22.26	22.36	23.30
		15	0	22.29	22.18	22.29	23.30
	16QAM	1	0	22.39	22.39	22.39	23.30
		1	7	22.37	22.37	22.42	23.30
		1	14	22.33	22.35	22.32	23.30
		8	0	21.42	21.47	21.48	22.30
		8	4	21.45	21.47	21.36	22.30
		8	7	21.42	21.48	21.45	22.30
		15	0	21.46	21.43	21.45	22.30
	64QAM	1	0	21.49	21.47	21.33	22.30
		1	7	21.38	21.44	21.45	22.30
		1	14	21.47	21.48	21.41	22.30
		8	0	20.45	20.47	20.48	21.30
		8	4	20.58	20.53	20.63	21.30
		8	7	20.43	20.51	20.50	21.30
		15	0	20.51	20.60	20.45	21.30
	256QAM	1	0	18.66	18.72	18.61	19.30
		1	7	18.68	18.66	18.62	19.30
		1	14	18.62	18.60	18.55	19.30
		8	0	18.58	18.63	18.63	19.30
		8	4	18.71	18.67	18.60	19.30
		8	7	18.66	18.67	18.70	19.30
		15	0	18.68	18.66	18.63	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.38	23.33	23.34	24.30
		1	13	23.18	23.19	23.22	24.30
		1	24	23.32	23.29	23.27	24.30
		12	0	22.24	22.28	22.22	23.30
		12	6	22.27	22.36	22.30	23.30
		12	13	22.34	22.35	22.41	23.30
		25	0	22.41	22.18	22.32	23.30
	16QAM	1	0	22.41	22.43	22.36	23.30
		1	13	22.39	22.32	22.51	23.30
		1	24	22.33	22.41	22.27	23.30
		12	0	21.34	21.47	21.43	22.30
		12	6	21.40	21.46	21.36	22.30
		12	13	21.45	21.47	21.40	22.30
		25	0	21.43	21.49	21.37	22.30
	64QAM	1	0	21.42	21.49	21.37	22.30
		1	13	21.38	21.50	21.53	22.30
		1	24	21.42	21.38	21.38	22.30
		12	0	20.42	20.56	20.49	21.30
		12	6	20.55	20.52	20.56	21.30
		12	13	20.56	20.55	20.47	21.30
		25	0	20.47	20.50	20.54	21.30
	256QAM	1	0	18.66	18.61	18.62	19.30
		1	13	18.60	18.66	18.69	19.30
		1	24	18.62	18.66	18.70	19.30
		12	0	18.67	18.62	18.64	19.30
		12	6	18.63	18.59	18.65	19.30
		12	13	18.64	18.63	18.65	19.30
		25	0	18.58	18.63	18.58	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.33	23.33	23.34	24.30
		1	25	23.18	23.21	23.23	24.30
		1	49	23.33	23.27	23.24	24.30
		25	0	22.30	22.27	22.21	23.30
		25	13	22.33	22.34	22.28	23.30
		25	25	22.37	22.36	22.37	23.30
		50	0	22.39	22.22	22.27	23.30
	16QAM	1	0	22.40	22.41	22.32	23.30
		1	25	22.39	22.40	22.46	23.30
		1	49	22.41	22.42	22.32	23.30
		25	0	21.33	21.39	21.44	22.30
		25	13	21.37	21.47	21.36	22.30
		25	25	21.51	21.50	21.42	22.30
		50	0	21.44	21.47	21.38	22.30
	64QAM	1	0	21.42	21.46	21.38	22.30
		1	25	21.45	21.55	21.46	22.30
		1	49	21.39	21.44	21.39	22.30
		25	0	20.42	20.61	20.56	21.30

		25	13	20.62	20.45	20.62	21.30
		25	25	20.53	20.52	20.47	21.30
		50	0	20.50	20.51	20.49	21.30
	256QAM	1	0	18.71	18.60	18.66	19.30
		1	25	18.60	18.67	18.64	19.30
		1	49	18.70	18.74	18.71	19.30
		25	0	18.70	18.65	18.68	19.30
		25	13	18.58	18.60	18.66	19.30
		25	25	18.68	18.64	18.70	19.30
		50	0	18.58	18.61	18.59	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.40	23.29	23.28	24.30
		1	38	23.19	23.23	23.19	24.30
		1	74	23.28	23.27	23.22	24.30
		36	0	22.28	22.31	22.21	23.30
		36	18	22.29	22.33	22.30	23.30
		36	39	22.35	22.42	22.37	23.30
		75	0	22.40	22.22	22.31	23.30
	16QAM	1	0	22.39	22.45	22.34	23.30
		1	38	22.33	22.33	22.46	23.30
		1	74	22.34	22.35	22.29	23.30
		36	0	21.39	21.40	21.45	22.30
		36	18	21.37	21.47	21.39	22.30
		36	39	21.46	21.46	21.41	22.30
		75	0	21.43	21.49	21.37	22.30
	64QAM	1	0	21.45	21.45	21.43	22.30
		1	38	21.39	21.56	21.46	22.30
		1	74	21.44	21.46	21.42	22.30
		36	0	20.48	20.55	20.52	21.30
		36	18	20.60	20.50	20.57	21.30
		36	39	20.50	20.52	20.48	21.30
		75	0	20.44	20.52	20.48	21.30
	256QAM	1	0	18.66	18.63	18.67	19.30
		1	38	18.64	18.68	18.69	19.30
		1	74	18.70	18.68	18.73	19.30
		36	0	18.66	18.62	18.72	19.30
		36	18	18.64	18.63	18.66	19.30
		36	39	18.65	18.62	18.63	19.30
		75	0	18.59	18.65	18.59	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.32	23.42	23.23	24.30
		1	50	23.18	23.25	23.22	24.30
		1	99	23.22	23.29	23.28	24.30
		50	0	22.44	22.47	22.41	23.30
		50	25	22.35	22.29	22.30	23.30
		50	50	22.36	22.33	22.34	23.30
		100	0	22.30	22.39	22.26	23.30
	16QAM	1	0	22.34	22.42	22.38	23.30
		1	50	22.37	22.28	22.35	23.30

		1	99	22.35	22.34	22.30	23.30
		50	0	21.30	21.39	21.49	22.30
		50	25	21.47	21.53	21.40	22.30
		50	50	21.49	21.49	21.45	22.30
		100	0	21.50	21.47	21.43	22.30
	64QAM	1	0	21.44	21.44	21.38	22.30
		1	50	21.41	21.44	21.41	22.30
		1	99	21.38	21.48	21.45	22.30
		50	0	20.52	20.53	20.58	21.30
		50	25	20.57	20.50	20.63	21.30
		50	50	20.50	20.50	20.48	21.30
		100	0	20.57	20.56	20.60	21.30
	256QAM	1	0	18.71	18.69	18.64	19.30
		1	50	18.60	18.65	18.70	19.30
		1	99	18.62	18.71	18.64	19.30
		50	0	18.72	18.63	18.71	19.30
		50	25	18.63	18.68	18.65	19.30
		50	50	18.59	18.61	18.65	19.30
		100	0	18.69	18.70	18.62	19.30

LTE Band 2 Ant3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	23.45	23.39	23.35	24.30
		1	2	23.33	23.35	23.30	24.30
		1	5	23.48	23.46	23.32	24.30
		3	0	23.30	23.34	23.24	24.30
		3	2	23.32	23.35	23.34	24.30
		3	3	23.37	23.32	23.30	24.30
		6	0	22.39	22.42	22.43	23.30
	16QAM	1	0	22.51	22.54	22.47	23.30
		1	2	22.40	22.48	22.46	23.30
		1	5	22.43	22.45	22.45	23.30
		3	0	22.42	22.46	22.48	23.30
		3	2	22.41	22.46	22.37	23.30
		3	3	22.42	22.42	22.37	23.30
		6	0	21.55	21.64	21.52	22.30
	64QAM	1	0	21.56	21.50	21.54	22.30
		1	2	21.42	21.58	21.57	22.30
		1	5	21.55	21.46	21.56	22.30
		3	0	21.53	21.66	21.50	22.30
		3	2	21.60	21.65	21.59	22.30
		3	3	21.56	21.56	21.51	22.30
		6	0	20.61	20.64	20.68	21.30
	256QAM	1	0	18.68	18.74	18.71	19.30
		1	2	18.81	18.73	18.81	19.30
		1	5	18.79	18.77	18.75	19.30
		3	0	18.80	18.76	18.82	19.30

		3	2	18.72	18.82	18.73	19.30
		3	3	18.81	18.80	18.78	19.30
		6	0	18.75	18.78	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	23.45	23.44	23.43	24.30
		1	7	23.39	23.39	23.23	24.30
		1	14	23.37	23.46	23.36	24.30
		8	0	22.40	22.33	22.39	23.30
		8	4	22.43	22.46	22.43	23.30
		8	7	22.58	22.43	22.48	23.30
		15	0	22.47	22.30	22.39	23.30
	16QAM	1	0	22.50	22.45	22.39	23.30
		1	7	22.57	22.40	22.51	23.30
		1	14	22.50	22.40	22.43	23.30
		8	0	21.50	21.49	21.58	22.30
		8	4	21.61	21.63	21.51	22.30
		8	7	21.59	21.49	21.59	22.30
		15	0	21.51	21.58	21.55	22.30
	64QAM	1	0	21.52	21.65	21.42	22.30
		1	7	21.50	21.65	21.52	22.30
		1	14	21.54	21.63	21.58	22.30
		8	0	20.50	20.76	20.63	21.30
		8	4	20.63	20.54	20.65	21.30
		8	7	20.63	20.67	20.67	21.30
		15	0	20.59	20.58	20.62	21.30
	256QAM	1	0	18.72	18.79	18.77	19.30
		1	7	18.75	18.74	18.76	19.30
		1	14	18.73	18.78	18.76	19.30
		8	0	18.72	18.79	18.77	19.30
		8	4	18.68	18.69	18.78	19.30
		8	7	18.78	18.74	18.72	19.30
		15	0	18.70	18.79	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.49	23.46	23.34	24.30
		1	13	23.31	23.43	23.35	24.30
		1	24	23.38	23.35	23.41	24.30
		12	0	22.38	22.29	22.37	23.30
		12	6	22.40	22.42	22.44	23.30
		12	13	22.57	22.46	22.50	23.30
		25	0	22.43	22.42	22.48	23.30
	16QAM	1	0	22.47	22.49	22.43	23.30
		1	13	22.55	22.51	22.51	23.30
		1	24	22.39	22.38	22.47	23.30
		12	0	21.58	21.48	21.64	22.30
		12	6	21.50	21.62	21.49	22.30
		12	13	21.47	21.51	21.60	22.30
		25	0	21.48	21.52	21.55	22.30

	64QAM	1	0	21.50	21.66	21.43	22.30
		1	13	21.50	21.54	21.49	22.30
		1	24	21.62	21.50	21.60	22.30
		12	0	20.54	20.74	20.72	21.30
		12	6	20.62	20.56	20.66	21.30
		12	13	20.71	20.62	20.62	21.30
		25	0	20.64	20.63	20.61	21.30
	256QAM	1	0	18.78	18.83	18.75	19.30
		1	13	18.70	18.77	18.70	19.30
		1	24	18.84	18.74	18.84	19.30
		12	0	18.78	18.67	18.77	19.30
		12	6	18.79	18.75	18.73	19.30
		12	13	18.71	18.71	18.69	19.30
		25	0	18.72	18.81	18.74	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.40	23.44	23.35	24.30
		1	25	23.40	23.33	23.19	24.30
		1	49	23.45	23.28	23.43	24.30
		25	0	22.49	22.44	22.41	23.30
		25	13	22.34	22.42	22.38	23.30
		25	25	22.53	22.48	22.40	23.30
		50	0	22.38	22.35	22.50	23.30
	16QAM	1	0	22.55	22.52	22.49	23.30
		1	25	22.53	22.51	22.56	23.30
		1	49	22.42	22.42	22.45	23.30
		25	0	21.58	21.52	21.52	22.30
		25	13	21.49	21.59	21.52	22.30
		25	25	21.59	21.57	21.51	22.30
		50	0	21.53	21.61	21.46	22.30
	64QAM	1	0	21.56	21.46	21.61	22.30
		1	25	21.44	21.57	21.56	22.30
		1	49	21.55	21.53	21.63	22.30
		25	0	20.56	20.72	20.60	21.30
		25	13	20.62	20.60	20.68	21.30
		25	25	20.57	20.63	20.67	21.30
		50	0	20.66	20.67	20.67	21.30
	256QAM	1	0	18.79	18.67	18.71	19.30
		1	25	18.69	18.78	18.84	19.30
		1	49	18.74	18.72	18.65	19.30
		25	0	18.85	18.79	18.78	19.30
		25	13	18.78	18.80	18.71	19.30
		25	25	18.71	18.83	18.84	19.30
		50	0	18.71	18.74	18.68	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	23.39	23.40	23.35	24.30
		1	38	23.31	23.37	23.35	24.30
		1	74	23.45	23.39	23.41	24.30
		36	0	22.42	22.27	22.41	23.30
		36	18	22.39	22.38	22.47	23.30

		36	39	22.51	22.47	22.46	23.30
		75	0	22.41	22.28	22.40	23.30
	16QAM	1	0	22.56	22.48	22.44	23.30
		1	38	22.47	22.38	22.55	23.30
		1	74	22.51	22.38	22.43	23.30
		36	0	21.50	21.56	21.64	22.30
		36	18	21.59	21.58	21.50	22.30
		36	39	21.56	21.58	21.54	22.30
		75	0	21.55	21.52	21.54	22.30
	64QAM	1	0	21.50	21.59	21.52	22.30
		1	38	21.51	21.63	21.58	22.30
		1	74	21.59	21.57	21.62	22.30
		36	0	20.59	20.67	20.66	21.30
		36	18	20.60	20.64	20.64	21.30
		36	39	20.68	20.58	20.61	21.30
		75	0	20.60	20.69	20.63	21.30
	256QAM	1	0	18.72	18.77	18.70	19.30
		1	38	18.77	18.83	18.72	19.30
		1	74	18.73	18.76	18.78	19.30
		36	0	18.78	18.75	18.78	19.30
		36	18	18.67	18.77	18.77	19.30
		36	39	18.74	18.77	18.69	19.30
		75	0	18.74	18.75	18.69	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	23.42	23.54	23.44	24.30
		1	50	23.35	23.41	23.29	24.30
		1	99	23.30	23.29	23.42	24.30
		50	0	22.59	22.64	22.60	23.30
		50	25	22.40	22.52	22.48	23.30
		50	50	22.49	22.47	22.54	23.30
		100	0	22.42	22.60	22.39	23.30
	16QAM	1	0	22.53	22.55	22.46	23.30
		1	50	22.46	22.45	22.53	23.30
		1	99	22.44	22.47	22.46	23.30
		50	0	21.43	21.55	21.61	22.30
		50	25	21.53	21.67	21.57	22.30
		50	50	21.54	21.53	21.48	22.30
		100	0	21.53	21.56	21.53	22.30
	64QAM	1	0	21.47	21.54	21.47	22.30
		1	50	21.42	21.56	21.52	22.30
		1	99	21.52	21.48	21.61	22.30
		50	0	20.64	20.65	20.59	21.30
		50	25	20.63	20.53	20.72	21.30
		50	50	20.61	20.66	20.60	21.30
		100	0	20.54	20.66	20.59	21.30
	256QAM	1	0	18.71	18.72	18.69	19.30
		1	50	18.82	18.83	18.70	19.30
		1	99	18.69	18.71	18.79	19.30
		50	0	18.69	18.74	18.75	19.30
		50	25	18.79	18.77	18.78	19.30

		50	50	18.73	18.70	18.77	19.30
		100	0	18.84	18.79	18.74	19.30

LTE Band 2 Ant3 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.81	19.93	19.76	20.80
		1	2	19.79	19.83	19.87	20.80
		1	5	19.80	19.84	19.87	20.80
		3	0	19.84	19.91	19.76	20.80
		3	2	19.78	19.78	19.74	20.80
		3	3	19.85	19.86	19.83	20.80
		6	0	19.84	19.90	19.79	20.80
	16QAM	1	0	19.80	19.69	19.81	20.80
		1	2	19.91	19.90	19.72	20.80
		1	5	19.85	19.93	19.74	20.80
		3	0	19.87	19.85	19.75	20.80
		3	2	19.85	19.92	19.79	20.80
		3	3	19.79	19.78	19.79	20.80
		6	0	19.86	19.83	19.70	20.80
	64QAM	1	0	19.82	19.85	19.77	20.80
		1	2	19.80	19.88	19.82	20.80
		1	5	19.90	19.73	19.65	20.80
		3	0	19.81	19.93	19.68	20.80
		3	2	19.77	19.98	19.78	20.80
		3	3	19.74	19.76	19.87	20.80
		6	0	19.80	19.76	19.80	20.80
	256QAM	1	0	18.68	18.74	18.71	19.30
		1	2	18.81	18.73	18.81	19.30
		1	5	18.79	18.77	18.75	19.30
		3	0	18.80	18.76	18.82	19.30
		3	2	18.72	18.82	18.73	19.30
		3	3	18.81	18.80	18.78	19.30
		6	0	18.75	18.78	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	19.73	19.93	19.85	20.80
		1	7	19.78	19.89	19.79	20.80
		1	14	19.89	19.92	19.84	20.80
		8	0	19.82	19.93	19.74	20.80
		8	4	19.86	19.90	19.85	20.80
		8	7	19.90	19.95	19.81	20.80
		15	0	19.92	19.97	19.79	20.80
	16QAM	1	0	19.89	19.79	19.79	20.80
		1	7	19.89	19.92	19.86	20.80
		1	14	19.89	19.79	19.79	20.80
		8	0	19.84	19.88	19.80	20.80
		8	4	19.71	19.87	19.88	20.80

		8	7	19.80	19.83	19.85	20.80
		15	0	19.79	19.84	19.70	20.80
	64QAM	1	0	19.79	19.80	19.84	20.80
		1	7	19.79	19.80	19.88	20.80
		1	14	19.84	19.73	19.73	20.80
		8	0	19.87	19.86	19.71	20.80
		8	4	19.77	19.94	19.74	20.80
		8	7	19.86	19.77	19.84	20.80
		15	0	19.85	19.85	19.70	20.80
	256QAM	1	0	18.72	18.79	18.77	19.30
		1	7	18.75	18.74	18.76	19.30
		1	14	18.73	18.78	18.76	19.30
		8	0	18.72	18.79	18.77	19.30
		8	4	18.68	18.69	18.78	19.30
		8	7	18.78	18.74	18.72	19.30
		15	0	18.70	18.79	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	19.75	20.06	19.80	20.80
		1	13	19.80	19.79	19.80	20.80
		1	24	19.82	19.81	19.83	20.80
		12	0	19.81	20.02	19.86	20.80
		12	6	19.82	19.85	19.76	20.80
		12	13	19.81	19.99	19.73	20.80
		25	0	19.90	19.86	19.81	20.80
	16QAM	1	0	19.83	19.74	19.85	20.80
		1	13	19.93	19.91	19.72	20.80
		1	24	19.90	19.94	19.77	20.80
		12	0	19.84	19.85	19.80	20.80
		12	6	19.85	19.83	19.82	20.80
		12	13	19.76	19.78	19.88	20.80
		25	0	19.73	19.79	19.78	20.80
	64QAM	1	0	19.79	19.77	19.79	20.80
		1	13	19.84	19.89	19.80	20.80
		1	24	19.94	19.78	19.74	20.80
		12	0	19.85	19.84	19.76	20.80
		12	6	19.71	19.93	19.75	20.80
		12	13	19.77	19.76	19.92	20.80
		25	0	19.80	19.85	19.81	20.80
	256QAM	1	0	18.78	18.83	18.75	19.30
		1	13	18.70	18.77	18.70	19.30
		1	24	18.84	18.74	18.84	19.30
		12	0	18.78	18.67	18.77	19.30
		12	6	18.79	18.75	18.73	19.30
		12	13	18.71	18.71	18.69	19.30
		25	0	18.72	18.81	18.74	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	19.77	20.06	19.80	20.80
		1	25	19.70	19.88	19.84	20.80

		1	49	19.86	19.84	19.88	20.80
		25	0	19.85	19.92	19.83	20.80
		25	13	19.79	19.90	19.85	20.80
		25	25	19.84	20.00	19.79	20.80
		50	0	19.92	19.91	19.80	20.80
	16QAM	1	0	19.80	19.72	19.84	20.80
		1	25	19.88	19.84	19.73	20.80
		1	49	19.76	19.93	19.75	20.80
		25	0	19.84	19.82	19.78	20.80
		25	13	19.72	19.80	19.83	20.80
		25	25	19.75	19.80	19.82	20.80
		50	0	19.74	19.84	19.70	20.80
	64QAM	1	0	19.89	19.82	19.89	20.80
		1	25	19.87	19.89	19.92	20.80
		1	49	19.95	19.79	19.73	20.80
		25	0	19.91	19.82	19.67	20.80
		25	13	19.81	19.96	19.72	20.80
		25	25	19.75	19.77	19.86	20.80
		50	0	19.86	19.89	19.69	20.80
	256QAM	1	0	18.79	18.67	18.71	19.30
		1	25	18.69	18.78	18.84	19.30
		1	49	18.74	18.72	18.65	19.30
		25	0	18.85	18.79	18.78	19.30
		25	13	18.78	18.80	18.71	19.30
		25	25	18.71	18.83	18.84	19.30
		50	0	18.71	18.74	18.68	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18675	Channel 18900	Channel 19125	Tune up
15MHz	QPSK	1	0	19.76	20.03	19.76	20.80
		1	38	19.80	19.90	19.81	20.80
		1	74	19.90	19.92	19.79	20.80
		36	0	19.91	19.91	19.79	20.80
		36	18	19.77	19.77	19.83	20.80
		36	39	19.81	19.91	19.85	20.80
		75	0	19.88	19.96	19.75	20.80
	16QAM	1	0	19.86	19.73	19.74	20.80
		1	38	19.94	19.93	19.85	20.80
		1	74	19.84	19.80	19.78	20.80
		36	0	19.90	19.86	19.86	20.80
		36	18	19.86	19.85	19.90	20.80
		36	39	19.80	19.83	19.81	20.80
		75	0	19.83	19.85	19.75	20.80
	64QAM	1	0	19.91	19.78	19.78	20.80
		1	38	19.86	19.94	19.81	20.80
		1	74	19.90	19.76	19.76	20.80
		36	0	19.81	19.86	19.76	20.80
		36	18	19.81	19.88	19.74	20.80
		36	39	19.77	19.80	19.88	20.80
		75	0	19.92	19.84	19.73	20.80
	256QAM	1	0	18.72	18.77	18.70	19.30
		1	38	18.77	18.83	18.72	19.30

		1	74	18.73	18.76	18.78	19.30
		36	0	18.78	18.75	18.78	19.30
		36	18	18.67	18.77	18.77	19.30
		36	39	18.74	18.77	18.69	19.30
		75	0	18.74	18.75	18.69	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	19.89	20.09	19.93	20.80
		1	50	19.81	20.08	19.90	20.80
		1	99	19.77	19.95	19.91	20.80
		50	0	19.88	19.99	19.84	20.80
		50	25	19.76	19.97	19.83	20.80
		50	50	19.79	19.98	19.76	20.80
		100	0	19.84	20.01	19.74	20.80
	16QAM	1	0	19.86	19.91	19.82	20.80
		1	50	19.85	19.99	19.81	20.80
		1	99	19.73	20.08	19.86	20.80
		50	0	19.79	19.99	19.85	20.80
		50	25	19.70	19.90	19.82	20.80
		50	50	19.88	20.05	19.91	20.80
		100	0	19.86	19.98	19.76	20.80
	64QAM	1	0	19.77	19.93	19.86	20.80
		1	50	19.72	20.05	19.81	20.80
		1	99	19.85	19.89	19.92	20.80
		50	0	19.87	19.89	19.81	20.80
		50	25	19.79	19.99	19.88	20.80
		50	50	19.80	19.97	19.74	20.80
		100	0	19.82	19.99	19.79	20.80
	256QAM	1	0	18.31	18.41	18.29	19.30
		1	50	18.24	18.48	18.34	19.30
		1	99	18.26	18.52	18.27	19.30
		50	0	18.37	18.55	18.35	19.30
		50	25	18.25	18.47	18.26	19.30
		50	50	18.32	18.46	18.30	19.30
		100	0	18.33	18.41	18.40	19.30

LTE Band 2 Ant3 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.45	22.56	22.48	23.30
		1	2	22.34	22.25	22.36	23.30
		1	5	22.44	22.51	22.30	23.30
		3	0	22.49	22.53	22.44	23.30
		3	2	22.42	22.36	22.35	23.30
		3	3	22.36	22.37	22.42	23.30
		6	0	22.27	22.41	22.32	23.30
	16QAM	1	0	22.29	22.31	22.36	23.30
		1	2	22.25	22.27	22.29	23.30

		1	5	22.28	22.28	22.49	23.30
		3	0	22.42	22.46	22.48	23.30
		3	2	22.41	22.46	22.37	23.30
		3	3	22.42	22.42	22.37	23.30
		6	0	21.55	21.64	21.52	22.30
	64QAM	1	0	21.56	21.50	21.54	22.30
		1	2	21.42	21.58	21.57	22.30
		1	5	21.55	21.46	21.56	22.30
		3	0	21.53	21.66	21.50	22.30
		3	2	21.60	21.65	21.59	22.30
		3	3	21.56	21.56	21.51	22.30
		6	0	20.61	20.64	20.68	21.30
	256QAM	1	0	18.68	18.74	18.71	19.30
		1	2	18.81	18.73	18.81	19.30
		1	5	18.79	18.77	18.75	19.30
		3	0	18.80	18.76	18.82	19.30
		3	2	18.72	18.82	18.73	19.30
		3	3	18.81	18.80	18.78	19.30
		6	0	18.75	18.78	18.72	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	22.49	22.56	22.49	23.30
		1	7	22.28	22.27	22.15	23.30
		1	14	22.36	22.39	22.30	23.30
		8	0	22.34	22.37	22.46	23.30
		8	4	22.26	22.34	22.17	23.30
		8	7	22.28	22.45	22.42	23.30
		15	0	22.36	22.47	22.33	23.30
	16QAM	1	0	22.13	22.43	22.34	23.30
		1	7	22.31	22.29	22.32	23.30
		1	14	22.48	22.38	22.43	23.30
		8	0	21.50	21.49	21.58	22.30
		8	4	21.61	21.63	21.51	22.30
		8	7	21.59	21.49	21.59	22.30
		15	0	21.51	21.58	21.55	22.30
	64QAM	1	0	21.52	21.65	21.42	22.30
		1	7	21.50	21.65	21.52	22.30
		1	14	21.54	21.63	21.58	22.30
		8	0	20.50	20.76	20.63	21.30
		8	4	20.63	20.54	20.65	21.30
		8	7	20.63	20.67	20.67	21.30
		15	0	20.59	20.58	20.62	21.30
	256QAM	1	0	18.72	18.79	18.77	19.30
		1	7	18.75	18.74	18.76	19.30
		1	14	18.73	18.78	18.76	19.30
		8	0	18.72	18.79	18.77	19.30
		8	4	18.68	18.69	18.78	19.30
		8	7	18.78	18.74	18.72	19.30
		15	0	18.70	18.79	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				18625	18900	19175	
5MHz	QPSK	1	0	22.48	22.56	22.49	23.30
		1	13	22.29	22.33	22.14	23.30
		1	24	22.40	22.39	22.41	23.30
		12	0	22.27	22.48	22.41	23.30
		12	6	22.28	22.41	22.34	23.30
		12	13	22.22	22.35	22.40	23.30
		25	0	22.38	22.52	22.40	23.30
	16QAM	1	0	22.12	22.34	22.38	23.30
		1	13	22.17	22.34	22.47	23.30
		1	24	22.29	22.40	22.55	23.30
		12	0	21.58	21.48	21.64	22.30
		12	6	21.50	21.62	21.49	22.30
		12	13	21.47	21.51	21.60	22.30
		25	0	21.48	21.52	21.55	22.30
	64QAM	1	0	21.50	21.66	21.43	22.30
		1	13	21.50	21.54	21.49	22.30
		1	24	21.62	21.50	21.60	22.30
		12	0	20.54	20.74	20.72	21.30
		12	6	20.62	20.56	20.66	21.30
		12	13	20.71	20.62	20.62	21.30
		25	0	20.64	20.63	20.61	21.30
	256QAM	1	0	18.78	18.83	18.75	19.30
		1	13	18.70	18.77	18.70	19.30
		1	24	18.84	18.74	18.84	19.30
		12	0	18.78	18.67	18.77	19.30
		12	6	18.79	18.75	18.73	19.30
		12	13	18.71	18.71	18.69	19.30
		25	0	18.72	18.81	18.74	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	22.45	22.57	22.52	23.30
		1	25	22.34	22.37	22.28	23.30
		1	49	22.41	22.47	22.36	23.30
		25	0	22.41	22.49	22.31	23.30
		25	13	22.42	22.49	22.39	23.30
		25	25	22.17	22.25	22.41	23.30
		50	0	22.26	22.55	22.21	23.30
	16QAM	1	0	22.11	22.30	22.29	23.30
		1	25	22.14	22.24	22.45	23.30
		1	49	22.30	22.37	22.38	23.30
		25	0	21.58	21.52	21.52	22.30
		25	13	21.49	21.59	21.52	22.30
		25	25	21.59	21.57	21.51	22.30
		50	0	21.53	21.61	21.46	22.30
	64QAM	1	0	21.56	21.46	21.61	22.30
		1	25	21.44	21.57	21.56	22.30
		1	49	21.55	21.53	21.63	22.30
		25	0	20.56	20.72	20.60	21.30
		25	13	20.62	20.60	20.68	21.30

		25	25	20.57	20.63	20.67	21.30
		50	0	20.66	20.67	20.67	21.30
		1	0	18.79	18.67	18.71	19.30
		1	25	18.69	18.78	18.84	19.30
		1	49	18.74	18.72	18.65	19.30
	256QAM	25	0	18.85	18.79	18.78	19.30
		25	13	18.78	18.80	18.71	19.30
		25	25	18.71	18.83	18.84	19.30
		50	0	18.71	18.74	18.68	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
		1	0	22.51	22.50	22.34	23.30
		1	38	22.11	22.32	22.27	23.30
		1	74	22.27	22.32	22.32	23.30
	QPSK	36	0	22.45	22.47	22.25	23.30
		36	18	22.26	22.37	22.25	23.30
		36	39	22.33	22.36	22.22	23.30
		75	0	22.25	22.42	22.32	23.30
		1	0	22.23	22.20	22.35	23.30
		1	38	22.24	22.27	22.37	23.30
		1	74	22.31	22.37	22.48	23.30
	16QAM	36	0	21.50	21.56	21.64	22.30
		36	18	21.59	21.58	21.50	22.30
		36	39	21.56	21.58	21.54	22.30
15MHz		75	0	21.55	21.52	21.54	22.30
		1	0	21.50	21.59	21.52	22.30
		1	38	21.51	21.63	21.58	22.30
		1	74	21.59	21.57	21.62	22.30
	64QAM	36	0	20.59	20.67	20.66	21.30
		36	18	20.60	20.64	20.64	21.30
		36	39	20.68	20.58	20.61	21.30
		75	0	20.60	20.69	20.63	21.30
		1	0	18.72	18.77	18.70	19.30
		1	38	18.77	18.83	18.72	19.30
		1	74	18.73	18.76	18.78	19.30
	256QAM	36	0	18.78	18.75	18.78	19.30
		36	18	18.67	18.77	18.77	19.30
		36	39	18.74	18.77	18.69	19.30
		75	0	18.74	18.75	18.69	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
		1	0	22.53	22.59	22.57	23.30
		1	50	22.35	22.43	22.38	23.30
		1	99	22.46	22.56	22.45	23.30
	QPSK	50	0	22.51	22.58	22.48	23.30
		50	25	22.45	22.53	22.41	23.30
20MHz		50	50	22.39	22.46	22.46	23.30
		100	0	22.46	22.57	22.41	23.30
		1	0	22.35	22.45	22.49	23.30
	16QAM	1	50	22.38	22.41	22.53	23.30
		1	99	22.49	22.45	22.57	23.30

		50	0	21.43	21.55	21.61	22.30
		50	25	21.53	21.67	21.57	22.30
		50	50	21.54	21.53	21.48	22.30
		100	0	21.53	21.56	21.53	22.30
	64QAM	1	0	21.47	21.54	21.47	22.30
		1	50	21.42	21.56	21.52	22.30
		1	99	21.52	21.48	21.61	22.30
		50	0	20.64	20.65	20.59	21.30
		50	25	20.63	20.53	20.72	21.30
		50	50	20.61	20.66	20.60	21.30
		100	0	20.54	20.66	20.59	21.30
	256QAM	1	0	18.71	18.72	18.69	19.30
		1	50	18.82	18.83	18.70	19.30
		1	99	18.69	18.71	18.79	19.30
		50	0	18.69	18.74	18.75	19.30
		50	25	18.79	18.77	18.78	19.30
		50	50	18.73	18.70	18.77	19.30
		100	0	18.84	18.79	18.74	19.30

3.2 Conducted Power of LTE Band 4

LTE Band 4 Ant2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.43	22.47	22.38	23.50
		1	2	22.43	22.42	22.32	23.50
		1	5	22.46	22.41	22.36	23.50
		3	0	22.46	22.35	22.34	23.50
		3	2	22.41	22.40	22.30	23.50
		3	3	22.38	22.35	22.33	23.50
		6	0	21.45	21.38	21.43	22.50
	16QAM	1	0	21.57	21.55	21.43	22.50
		1	2	21.56	21.47	21.57	22.50
		1	5	21.44	21.47	21.48	22.50
		3	0	21.57	21.61	21.50	22.50
		3	2	21.54	21.53	21.47	22.50
		3	3	21.56	21.56	21.51	22.50
		6	0	20.58	20.59	20.54	21.50
	64QAM	1	0	20.62	20.57	20.55	21.50
		1	2	20.58	20.65	20.64	21.50
		1	5	20.54	20.53	20.59	21.50
		3	0	20.62	20.55	20.51	21.50
		3	2	20.55	20.66	20.52	21.50
		3	3	20.55	20.66	20.52	21.50
		6	0	19.69	19.71	19.72	20.50
	256QAM	1	0	17.81	17.82	17.79	18.50
		1	2	17.75	17.81	17.82	18.50
		1	5	17.84	17.78	17.74	18.50
		3	0	17.78	17.80	17.77	18.50

		3	2	17.79	17.76	17.75	18.50
		3	3	17.82	17.77	17.78	18.50
		6	0	17.84	17.74	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.44	22.46	22.45	23.50
		1	7	22.43	22.33	22.34	23.50
		1	14	22.41	22.43	22.42	23.50
		8	0	21.40	21.42	21.41	22.50
		8	4	21.41	21.47	21.42	22.50
		8	7	21.59	21.45	21.50	22.50
		15	0	21.41	21.41	21.48	22.50
	16QAM	1	0	21.61	21.55	21.47	22.50
		1	7	21.57	21.49	21.52	22.50
		1	14	21.45	21.52	21.50	22.50
		8	0	20.52	20.61	20.64	21.50
		8	4	20.56	20.62	20.57	21.50
		8	7	20.54	20.61	20.60	21.50
		15	0	20.54	20.65	20.57	21.50
	64QAM	1	0	20.61	20.62	20.61	21.50
		1	7	20.50	20.65	20.63	21.50
		1	14	20.60	20.60	20.63	21.50
		8	0	19.65	19.67	19.76	20.50
		8	4	19.66	19.58	19.74	20.50
		8	7	19.70	19.67	19.71	20.50
		15	0	19.70	19.68	19.73	20.50
	256QAM	1	0	17.79	17.74	17.78	18.50
		1	7	17.74	17.83	17.77	18.50
		1	14	17.78	17.79	17.79	18.50
		8	0	17.77	17.77	17.84	18.50
		8	4	17.83	17.78	17.78	18.50
		8	7	17.76	17.85	17.76	18.50
		15	0	17.78	17.76	17.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.47	22.47	22.40	23.50
		1	13	22.39	22.42	22.35	23.50
		1	24	22.44	22.44	22.39	23.50
		12	0	21.42	21.35	21.37	22.50
		12	6	21.50	21.43	21.42	22.50
		12	13	21.50	21.45	21.56	22.50
		25	0	21.49	21.34	21.50	22.50
	16QAM	1	0	21.60	21.55	21.44	22.50
		1	13	21.54	21.51	21.55	22.50
		1	24	21.49	21.55	21.47	22.50
		12	0	20.51	20.52	20.60	21.50
		12	6	20.58	20.63	20.52	21.50
		12	13	20.62	20.63	20.61	21.50
		25	0	20.61	20.61	20.52	21.50

	64QAM	1	0	20.58	20.57	20.53	21.50
		1	13	20.57	20.61	20.64	21.50
		1	24	20.53	20.59	20.60	21.50
		12	0	19.66	19.74	19.73	20.50
		12	6	19.74	19.64	19.65	20.50
		12	13	19.62	19.65	19.65	20.50
		25	0	19.64	19.68	19.72	20.50
	256QAM	1	0	17.76	17.77	17.75	18.50
		1	13	17.76	17.77	17.82	18.50
		1	24	17.82	17.83	17.81	18.50
		12	0	17.78	17.84	17.85	18.50
		12	6	17.84	17.82	17.79	18.50
		12	13	17.78	17.76	17.81	18.50
		25	0	17.79	17.78	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.47	22.42	22.39	23.50
		1	25	22.45	22.43	22.34	23.50
		1	49	22.38	22.39	22.39	23.50
		25	0	21.42	21.40	21.43	22.50
		25	13	21.46	21.49	21.53	22.50
		25	25	21.54	21.46	21.50	22.50
		50	0	21.41	21.41	21.47	22.50
	16QAM	1	0	21.57	21.57	21.45	22.50
		1	25	21.49	21.52	21.61	22.50
		1	49	21.54	21.45	21.54	22.50
		25	0	20.50	20.55	20.66	21.50
		25	13	20.55	20.66	20.52	21.50
		25	25	20.56	20.64	20.54	21.50
		50	0	20.60	20.64	20.51	21.50
	64QAM	1	0	20.62	20.60	20.59	21.50
		1	25	20.52	20.61	20.58	21.50
		1	49	20.57	20.60	20.55	21.50
		25	0	19.61	19.72	19.68	20.50
		25	13	19.68	19.61	19.70	20.50
		25	25	19.68	19.69	19.62	20.50
		50	0	19.67	19.61	19.67	20.50
	256QAM	1	0	17.75	17.81	17.84	18.50
		1	25	17.80	17.84	17.83	18.50
		1	49	17.84	17.78	17.80	18.50
		25	0	17.76	17.84	17.78	18.50
		25	13	17.82	17.79	17.75	18.50
		25	25	17.75	17.75	17.81	18.50
		50	0	17.80	17.83	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.49	22.48	22.37	23.50
		1	38	22.36	22.37	22.30	23.50
		1	74	22.40	22.44	22.42	23.50
		36	0	21.45	21.40	21.44	22.50
		36	18	21.43	21.47	21.48	22.50

		36	39	21.51	21.52	21.58	22.50
		75	0	21.46	21.42	21.43	22.50
	16QAM	1	0	21.55	21.60	21.45	22.50
		1	38	21.54	21.53	21.60	22.50
		1	74	21.50	21.46	21.54	22.50
		36	0	20.57	20.60	20.65	21.50
		36	18	20.54	20.65	20.57	21.50
		36	39	20.62	20.58	20.57	21.50
		75	0	20.64	20.66	20.50	21.50
	64QAM	1	0	20.60	20.59	20.51	21.50
		1	38	20.59	20.66	20.60	21.50
		1	74	20.59	20.53	20.65	21.50
		36	0	19.61	19.64	19.73	20.50
		36	18	19.71	19.67	19.67	20.50
		36	39	19.69	19.66	19.73	20.50
		75	0	19.67	19.63	19.62	20.50
	256QAM	1	0	17.79	17.74	17.84	18.50
		1	38	17.80	17.76	17.85	18.50
		1	74	17.74	17.75	17.85	18.50
		36	0	17.81	17.83	17.83	18.50
		36	18	17.83	17.76	17.75	18.50
		36	39	17.81	17.83	17.82	18.50
		75	0	17.82	17.75	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20050	Channel 20175	Channel 20300	Tune up
20MHz	QPSK	1	0	22.51	22.68	22.41	23.50
		1	50	22.42	22.39	22.30	23.50
		1	99	22.40	22.40	22.40	23.50
		50	0	21.65	21.71	21.61	22.50
		50	25	21.50	21.48	21.49	22.50
		50	50	21.58	21.50	21.58	22.50
		100	0	21.44	21.73	21.42	22.50
	16QAM	1	0	21.60	21.59	21.43	22.50
		1	50	21.47	21.44	21.56	22.50
		1	99	21.47	21.53	21.47	22.50
		50	0	20.51	20.61	20.61	21.50
		50	25	20.54	20.60	20.59	21.50
		50	50	20.63	20.64	20.53	21.50
		100	0	20.58	20.63	20.59	21.50
	64QAM	1	0	20.54	20.56	20.52	21.50
		1	50	20.51	20.61	20.65	21.50
		1	99	20.55	20.58	20.60	21.50
		50	0	19.63	19.71	19.69	20.50
		50	25	19.70	19.65	19.69	20.50
		50	50	19.62	19.63	19.73	20.50
		100	0	19.67	19.66	19.66	20.50
	256QAM	1	0	17.75	17.84	17.78	18.50
		1	50	17.80	17.82	17.74	18.50
		1	99	17.83	17.76	17.82	18.50
		50	0	17.79	17.74	17.84	18.50
		50	25	17.79	17.79	17.77	18.50

		50	50	17.78	17.79	17.76	18.50
		100	0	17.76	17.80	17.82	18.50

LTE Band 4 Ant2 Full Power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	23.00	23.11	22.98	24.30
		1	2	23.01	22.98	22.95	24.30
		1	5	23.05	22.97	22.99	24.30
		3	0	23.03	22.96	22.98	24.30
		3	2	22.98	23.00	22.91	24.30
		3	3	23.02	22.98	22.95	24.30
		6	0	22.10	21.96	22.00	23.30
	16QAM	1	0	22.21	22.15	22.03	23.30
		1	2	22.14	22.11	22.20	23.30
		1	5	22.09	22.06	22.11	23.30
		3	0	22.22	22.17	22.10	23.30
		3	2	22.16	22.15	22.07	23.30
		3	3	22.14	22.16	22.12	23.30
		6	0	21.23	21.24	21.15	22.30
	64QAM	1	0	21.23	21.18	21.13	22.30
		1	2	21.15	21.25	21.28	22.30
		1	5	21.14	21.16	21.24	22.30
		3	0	21.25	21.15	21.15	22.30
		3	2	21.18	21.29	21.11	22.30
		3	3	21.17	21.30	21.15	22.30
		6	0	20.34	20.29	20.34	21.30
	256QAM	1	0	18.38	18.42	18.42	19.30
		1	2	18.37	18.44	18.46	19.30
		1	5	18.47	18.40	18.38	19.30
		3	0	18.43	18.38	18.37	19.30
		3	2	18.36	18.33	18.39	19.30
		3	3	18.46	18.41	18.38	19.30
		6	0	18.44	18.33	18.38	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	23.07	23.08	22.93	24.30
		1	7	22.94	23.02	22.92	24.30
		1	14	23.01	23.02	23.04	24.30
		8	0	22.06	22.02	22.04	23.30
		8	4	22.02	22.07	22.11	23.30
		8	7	22.09	22.14	22.18	23.30
		15	0	22.09	22.03	22.07	23.30
	16QAM	1	0	22.15	22.20	22.05	23.30
		1	7	22.16	22.10	22.24	23.30
		1	14	22.12	22.09	22.18	23.30
		8	0	21.22	21.22	21.29	22.30
		8	4	21.19	21.24	21.17	22.30

		8	7	21.25	21.15	21.17	22.30
		15	0	21.23	21.28	21.12	22.30
	64QAM	1	0	21.23	21.16	21.14	22.30
		1	7	21.22	21.26	21.17	22.30
		1	14	21.17	21.17	21.22	22.30
		8	0	20.19	20.29	20.30	21.30
		8	4	20.35	20.26	20.30	21.30
		8	7	20.29	20.29	20.35	21.30
		15	0	20.24	20.20	20.27	21.30
	256QAM	1	0	18.35	18.37	18.42	19.30
		1	7	18.39	18.33	18.47	19.30
		1	14	18.33	18.32	18.43	19.30
		8	0	18.42	18.45	18.47	19.30
		8	4	18.43	18.35	18.39	19.30
		8	7	18.43	18.40	18.44	19.30
		15	0	18.44	18.40	18.32	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.06	23.08	22.97	24.30
		1	13	23.00	23.02	22.94	24.30
		1	24	23.03	23.06	23.02	24.30
		12	0	22.06	22.01	22.02	23.30
		12	6	22.03	22.06	22.10	23.30
		12	13	22.15	22.10	22.22	23.30
		25	0	22.02	22.02	22.06	23.30
	16QAM	1	0	22.15	22.17	22.09	23.30
		1	13	22.12	22.16	22.23	23.30
		1	24	22.12	22.10	22.15	23.30
		12	0	21.14	21.20	21.22	22.30
		12	6	21.19	21.27	21.15	22.30
		12	13	21.22	21.21	21.18	22.30
		25	0	21.29	21.26	21.07	22.30
	64QAM	1	0	21.24	21.21	21.16	22.30
		1	13	21.22	21.26	21.23	22.30
		1	24	21.22	21.14	21.23	22.30
		12	0	20.20	20.22	20.37	21.30
		12	6	20.35	20.24	20.27	21.30
		12	13	20.29	20.28	20.33	21.30
		25	0	20.29	20.25	20.24	21.30
	256QAM	1	0	18.42	18.35	18.41	19.30
		1	13	18.39	18.39	18.43	19.30
		1	24	18.30	18.35	18.45	19.30
		12	0	18.39	18.46	18.44	19.30
		12	6	18.46	18.38	18.33	19.30
		12	13	18.38	18.40	18.44	19.30
		25	0	18.43	18.32	18.37	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.09	23.05	22.99	24.30
		1	25	23.00	22.98	22.92	24.30

		1	49	22.96	23.08	23.02	24.30
		25	0	22.09	22.03	22.01	23.30
		25	13	22.01	22.09	22.12	23.30
		25	25	22.10	22.16	22.21	23.30
		50	0	22.04	22.01	22.00	23.30
	16QAM	1	0	22.13	22.22	22.10	23.30
		1	25	22.15	22.13	22.22	23.30
		1	49	22.10	22.07	22.15	23.30
		25	0	21.16	21.23	21.22	22.30
		25	13	21.18	21.23	21.14	22.30
		25	25	21.24	21.15	21.21	22.30
		50	0	21.27	21.31	21.06	22.30
	64QAM	1	0	21.17	21.17	21.13	22.30
		1	25	21.18	21.26	21.17	22.30
		1	49	21.17	21.14	21.25	22.30
		25	0	20.25	20.24	20.36	21.30
		25	13	20.35	20.31	20.29	21.30
		25	25	20.30	20.23	20.37	21.30
		50	0	20.29	20.21	20.22	21.30
	256QAM	1	0	18.42	18.35	18.42	19.30
		1	25	18.40	18.35	18.48	19.30
		1	49	18.34	18.33	18.44	19.30
		25	0	18.40	18.42	18.39	19.30
		25	13	18.44	18.39	18.34	19.30
		25	25	18.43	18.47	18.41	19.30
		50	0	18.39	18.32	18.41	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.06	23.09	22.97	24.30
		1	38	22.96	23.01	22.95	24.30
		1	74	23.02	23.01	23.00	24.30
		36	0	22.04	22.05	22.05	23.30
		36	18	22.08	22.06	22.08	23.30
		36	39	22.11	22.15	22.16	23.30
		75	0	22.08	21.99	22.04	23.30
	16QAM	1	0	22.20	22.22	22.02	23.30
		1	38	22.14	22.17	22.25	23.30
		1	74	22.07	22.02	22.16	23.30
		36	0	21.21	21.21	21.29	22.30
		36	18	21.13	21.21	21.22	22.30
		36	39	21.18	21.20	21.20	22.30
		75	0	21.20	21.30	21.06	22.30
	64QAM	1	0	21.18	21.24	21.10	22.30
		1	38	21.18	21.24	21.22	22.30
		1	74	21.21	21.17	21.23	22.30
		36	0	20.19	20.28	20.31	21.30
		36	18	20.32	20.30	20.30	21.30
		36	39	20.31	20.24	20.32	21.30
		75	0	20.29	20.21	20.26	21.30
	256QAM	1	0	18.36	18.32	18.46	19.30
		1	38	18.42	18.35	18.43	19.30

		1	74	18.32	18.39	18.46	19.30
		36	0	18.41	18.43	18.43	19.30
		36	18	18.43	18.33	18.39	19.30
		36	39	18.38	18.39	18.45	19.30
		75	0	18.47	18.39	18.32	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.14	23.27	22.99	24.30
		1	50	23.00	22.96	22.87	24.30
		1	99	22.97	23.04	22.97	24.30
		50	0	22.23	22.35	22.19	23.30
		50	25	22.07	22.07	22.10	23.30
		50	50	22.16	22.10	22.14	23.30
		100	0	22.05	22.35	22.06	23.30
	16QAM	1	0	22.16	22.20	22.04	23.30
		1	50	22.10	22.01	22.20	23.30
		1	99	22.05	22.14	22.10	23.30
		50	0	21.13	21.25	21.25	22.30
		50	25	21.15	21.25	21.20	22.30
		50	50	21.26	21.20	21.17	22.30
		100	0	21.22	21.19	21.20	22.30
	64QAM	1	0	21.19	21.15	21.08	22.30
		1	50	21.15	21.18	21.23	22.30
		1	99	21.17	21.20	21.19	22.30
		50	0	20.28	20.30	20.34	21.30
		50	25	20.29	20.23	20.28	21.30
		50	50	20.21	20.25	20.32	21.30
		100	0	20.25	20.26	20.25	21.30
	256QAM	1	0	18.38	18.48	18.39	19.30
		1	50	18.39	18.39	18.35	19.30
		1	99	18.40	18.34	18.40	19.30
		50	0	18.36	18.31	18.43	19.30
		50	25	18.38	18.35	18.33	19.30
		50	50	18.38	18.43	18.34	19.30
		100	0	18.40	18.41	18.41	19.30

LTE Band 4 Ant3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.45	23.35	23.40	24.30
		1	2	23.29	23.35	23.29	24.30
		1	5	23.43	23.46	23.38	24.30
		3	0	23.45	23.26	23.29	24.30
		3	2	23.39	23.32	23.23	24.30
		3	3	23.34	23.30	23.22	24.30
		6	0	22.38	22.31	22.34	23.30
	16QAM	1	0	22.51	22.50	22.49	23.30
		1	2	22.41	22.49	22.54	23.30

		1	5	22.43	22.43	22.39	23.30
		3	0	22.49	22.41	22.46	23.30
		3	2	22.43	22.45	22.39	23.30
		3	3	22.41	22.45	22.46	23.30
		6	0	21.53	21.55	21.51	22.30
	64QAM	1	0	21.57	21.53	21.56	22.30
		1	2	21.53	21.56	21.56	22.30
		1	5	21.53	21.58	21.60	22.30
		3	0	21.54	21.56	21.45	22.30
		3	2	21.60	21.58	21.55	22.30
		3	3	21.52	21.62	21.56	22.30
		6	0	20.66	20.60	20.60	21.30
	256QAM	1	0	18.81	18.80	18.75	19.30
		1	2	18.82	18.68	18.76	19.30
		1	5	18.80	18.75	18.73	19.30
		3	0	18.76	18.81	18.67	19.30
		3	2	18.84	18.82	18.72	19.30
		3	3	18.79	18.79	18.71	19.30
		6	0	18.79	18.71	18.75	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.49	23.42	23.38	24.30
		1	7	23.36	23.40	23.31	24.30
		1	14	23.41	23.31	23.42	24.30
		8	0	22.47	22.31	22.42	23.30
		8	4	22.38	22.38	22.43	23.30
		8	7	22.57	22.43	22.39	23.30
		15	0	22.40	22.38	22.41	23.30
	16QAM	1	0	22.51	22.54	22.44	23.30
		1	7	22.54	22.52	22.45	23.30
		1	14	22.45	22.46	22.49	23.30
		8	0	21.48	21.53	21.58	22.30
		8	4	21.58	21.56	21.50	22.30
		8	7	21.50	21.61	21.60	22.30
		15	0	21.53	21.60	21.53	22.30
	64QAM	1	0	21.53	21.64	21.53	22.30
		1	7	21.43	21.57	21.56	22.30
		1	14	21.52	21.53	21.55	22.30
		8	0	20.54	20.62	20.59	21.30
		8	4	20.69	20.58	20.68	21.30
		8	7	20.65	20.61	20.61	21.30
		15	0	20.69	20.60	20.64	21.30
	256QAM	1	0	18.79	18.73	18.73	19.30
		1	7	18.67	18.70	18.78	19.30
		1	14	18.74	18.71	18.78	19.30
		8	0	18.80	18.65	18.82	19.30
		8	4	18.77	18.83	18.70	19.30
		8	7	18.70	18.71	18.66	19.30
		15	0	18.79	18.72	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	23.44	23.38	23.45	24.30
		1	13	23.38	23.35	23.25	24.30
		1	24	23.42	23.45	23.32	24.30
		12	0	22.37	22.29	22.39	23.30
		12	6	22.44	22.44	22.44	23.30
		12	13	22.53	22.43	22.51	23.30
		25	0	22.45	22.38	22.46	23.30
	16QAM	1	0	22.57	22.55	22.42	23.30
		1	13	22.40	22.47	22.54	23.30
		1	24	22.48	22.39	22.49	23.30
		12	0	21.44	21.52	21.58	22.30
		12	6	21.51	21.56	21.49	22.30
		12	13	21.57	21.51	21.48	22.30
		25	0	21.55	21.56	21.46	22.30
	64QAM	1	0	21.48	21.49	21.57	22.30
		1	13	21.45	21.57	21.51	22.30
		1	24	21.58	21.47	21.55	22.30
		12	0	20.54	20.66	20.62	21.30
		12	6	20.72	20.57	20.60	21.30
		12	13	20.70	20.66	20.67	21.30
		25	0	20.58	20.61	20.70	21.30
	256QAM	1	0	18.75	18.73	18.73	19.30
		1	13	18.74	18.73	18.80	19.30
		1	24	18.72	18.71	18.75	19.30
		12	0	18.71	18.84	18.72	19.30
		12	6	18.73	18.77	18.76	19.30
		12	13	18.71	18.80	18.72	19.30
		25	0	18.74	18.76	18.81	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.44	23.47	23.36	24.30
		1	25	23.36	23.37	23.22	24.30
		1	49	23.40	23.39	23.41	24.30
		25	0	22.40	22.44	22.47	23.30
		25	13	22.37	22.39	22.52	23.30
		25	25	22.41	22.46	22.52	23.30
		50	0	22.43	22.34	22.38	23.30
	16QAM	1	0	22.50	22.53	22.49	23.30
		1	25	22.49	22.42	22.47	23.30
		1	49	22.37	22.37	22.44	23.30
		25	0	21.57	21.59	21.53	22.30
		25	13	21.50	21.58	21.55	22.30
		25	25	21.55	21.64	21.44	22.30
		50	0	21.63	21.58	21.51	22.30
	64QAM	1	0	21.49	21.51	21.59	22.30
		1	25	21.48	21.55	21.49	22.30
		1	49	21.58	21.50	21.59	22.30
		25	0	20.58	20.69	20.67	21.30
		25	13	20.65	20.59	20.73	21.30

		25	25	20.63	20.60	20.64	21.30
		50	0	20.63	20.63	20.62	21.30
		1	0	18.77	18.83	18.76	19.30
		1	25	18.82	18.81	18.72	19.30
		1	49	18.75	18.74	18.70	19.30
	256QAM	25	0	18.77	18.77	18.73	19.30
		25	13	18.81	18.84	18.83	19.30
		25	25	18.68	18.77	18.78	19.30
		50	0	18.77	18.71	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
		1	0	23.43	23.42	23.39	24.30
		1	38	23.35	23.37	23.33	24.30
		1	74	23.46	23.34	23.33	24.30
	QPSK	36	0	22.43	22.44	22.37	23.30
		36	18	22.44	22.42	22.53	23.30
		36	39	22.50	22.49	22.50	23.30
		75	0	22.42	22.33	22.44	23.30
		1	0	22.55	22.49	22.44	23.30
		1	38	22.54	22.41	22.55	23.30
		1	74	22.45	22.48	22.52	23.30
	16QAM	36	0	21.49	21.49	21.64	22.30
		36	18	21.54	21.66	21.47	22.30
		36	39	21.59	21.56	21.56	22.30
15MHz		75	0	21.56	21.60	21.53	22.30
		1	0	21.63	21.46	21.57	22.30
		1	38	21.52	21.63	21.62	22.30
		1	74	21.61	21.58	21.62	22.30
	64QAM	36	0	20.58	20.56	20.71	21.30
		36	18	20.67	20.56	20.67	21.30
		36	39	20.64	20.67	20.60	21.30
		75	0	20.61	20.58	20.69	21.30
		1	0	18.85	18.80	18.66	19.30
		1	38	18.76	18.78	18.71	19.30
		1	74	18.75	18.69	18.70	19.30
	256QAM	36	0	18.79	18.71	18.83	19.30
		36	18	18.77	18.71	18.69	19.30
		36	39	18.76	18.83	18.69	19.30
		75	0	18.68	18.77	18.69	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
		1	0	23.44	23.51	23.33	24.30
		1	50	23.27	23.39	23.28	24.30
		1	99	23.34	23.36	23.30	24.30
	QPSK	50	0	22.52	22.60	22.54	23.30
		50	25	22.47	22.37	22.41	23.30
20MHz		50	50	22.43	22.37	22.44	23.30
		100	0	22.43	22.56	22.41	23.30
		1	0	22.49	22.52	22.39	23.30
	16QAM	1	50	22.54	22.46	22.53	23.30
		1	99	22.44	22.47	22.47	23.30

		50	0	21.52	21.55	21.63	22.30
		50	25	21.48	21.61	21.54	22.30
		50	50	21.48	21.51	21.54	22.30
		100	0	21.59	21.63	21.44	22.30
	64QAM	1	0	21.55	21.48	21.51	22.30
		1	50	21.46	21.59	21.55	22.30
		1	99	21.57	21.47	21.57	22.30
		50	0	20.61	20.60	20.62	21.30
		50	25	20.63	20.59	20.65	21.30
		50	50	20.71	20.65	20.64	21.30
		100	0	20.62	20.66	20.61	21.30
	256QAM	1	0	18.83	18.75	18.70	19.30
		1	50	18.67	18.72	18.73	19.30
		1	99	18.74	18.74	18.78	19.30
		50	0	18.75	18.73	18.80	19.30
		50	25	18.78	18.66	18.72	19.30
		50	50	18.79	18.69	18.74	19.30
		100	0	18.81	18.79	18.82	19.30

LTE Band 4 Ant3 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	20.00	20.22	20.14	20.80
		1	2	20.03	20.23	20.08	20.80
		1	5	20.13	20.09	20.17	20.80
		3	0	20.08	20.33	20.05	20.80
		3	2	20.10	20.08	20.05	20.80
		3	3	20.18	20.19	20.11	20.80
		6	0	20.17	20.26	20.11	20.80
	16QAM	1	0	20.21	19.99	20.05	20.80
		1	2	20.16	20.21	20.08	20.80
		1	5	20.20	20.14	20.07	20.80
		3	0	20.16	20.22	20.09	20.80
		3	2	20.12	20.19	20.11	20.80
		3	3	20.07	20.06	20.17	20.80
		6	0	20.03	20.06	20.09	20.80
	64QAM	1	0	20.22	20.18	20.17	20.80
		1	2	20.06	20.12	20.23	20.80
		1	5	20.19	20.02	20.05	20.80
		3	0	20.18	20.14	20.02	20.80
		3	2	20.12	20.21	20.12	20.80
		3	3	20.05	20.14	20.11	20.80
		6	0	20.24	20.08	20.09	20.80
	256QAM	1	0	18.81	18.80	18.75	19.30
		1	2	18.82	18.68	18.76	19.30
		1	5	18.80	18.75	18.73	19.30
		3	0	18.76	18.81	18.67	19.30
		3	2	18.84	18.82	18.72	19.30

		3	3	18.79	18.79	18.71	19.30
		6	0	18.79	18.71	18.75	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.11	20.35	20.15	20.80
		1	7	20.07	20.14	20.04	20.80
		1	14	20.20	20.08	20.05	20.80
		8	0	20.20	20.32	20.04	20.80
		8	4	20.17	20.08	20.07	20.80
		8	7	20.16	20.17	20.05	20.80
		15	0	20.24	20.17	20.06	20.80
	16QAM	1	0	20.16	20.03	20.13	20.80
		1	7	20.23	20.16	20.07	20.80
		1	14	20.07	20.14	20.11	20.80
		8	0	20.23	20.17	20.04	20.80
		8	4	20.12	20.21	20.14	20.80
		8	7	20.04	20.07	20.15	20.80
		15	0	20.11	20.10	20.09	20.80
	64QAM	1	0	20.17	20.21	20.18	20.80
		1	7	20.09	20.15	20.09	20.80
		1	14	20.26	19.98	20.04	20.80
		8	0	20.20	20.20	20.08	20.80
		8	4	20.07	20.25	20.13	20.80
		8	7	20.12	20.16	20.19	20.80
		15	0	20.11	20.18	20.06	20.80
	256QAM	1	0	18.79	18.73	18.73	19.30
		1	7	18.67	18.70	18.78	19.30
		1	14	18.74	18.71	18.78	19.30
		8	0	18.80	18.65	18.82	19.30
		8	4	18.77	18.83	18.70	19.30
		8	7	18.70	18.71	18.66	19.30
		15	0	18.79	18.72	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.13	20.37	20.12	20.80
		1	13	20.05	20.14	20.06	20.80
		1	24	20.12	20.12	20.05	20.80
		12	0	20.16	20.22	20.09	20.80
		12	6	20.14	20.19	20.16	20.80
		12	13	20.19	20.22	20.13	20.80
		25	0	20.22	20.15	20.15	20.80
	16QAM	1	0	20.17	20.07	20.12	20.80
		1	13	20.17	20.19	20.12	20.80
		1	24	20.12	20.23	20.08	20.80
		12	0	20.14	20.22	20.05	20.80
		12	6	20.06	20.09	20.11	20.80
		12	13	20.10	20.06	20.12	20.80
		25	0	20.09	20.09	20.05	20.80
	64QAM	1	0	20.11	20.17	20.17	20.80

		1	13	20.07	20.12	20.18	20.80
		1	24	20.20	20.02	19.94	20.80
		12	0	20.16	20.17	19.98	20.80
		12	6	20.14	20.28	20.10	20.80
		12	13	20.15	20.09	20.17	20.80
		25	0	20.19	20.12	19.98	20.80
	256QAM	1	0	18.75	18.73	18.73	19.30
		1	13	18.74	18.73	18.80	19.30
		1	24	18.72	18.71	18.75	19.30
		12	0	18.71	18.84	18.72	19.30
		12	6	18.73	18.77	18.76	19.30
		12	13	18.71	18.80	18.72	19.30
		25	0	18.74	18.76	18.81	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	19.99	20.31	20.07	20.80
		1	25	20.03	20.22	20.09	20.80
		1	49	20.10	20.09	20.06	20.80
		25	0	20.10	20.20	20.11	20.80
		25	13	20.19	20.12	20.10	20.80
		25	25	20.09	20.17	20.12	20.80
		50	0	20.19	20.24	20.16	20.80
	16QAM	1	0	20.14	20.01	20.08	20.80
		1	25	20.19	20.14	20.07	20.80
		1	49	20.19	20.21	20.03	20.80
		25	0	20.19	20.13	20.08	20.80
		25	13	20.11	20.21	20.15	20.80
		25	25	20.01	20.02	20.14	20.80
		50	0	20.11	20.13	20.03	20.80
	64QAM	1	0	20.21	20.08	20.09	20.80
		1	25	20.06	20.22	20.17	20.80
		1	49	20.18	20.01	19.94	20.80
		25	0	20.18	20.12	20.03	20.80
		25	13	20.00	20.20	20.14	20.80
		25	25	20.02	20.16	20.07	20.80
		50	0	20.22	20.20	20.02	20.80
	256QAM	1	0	18.77	18.83	18.76	19.30
		1	25	18.82	18.81	18.72	19.30
		1	49	18.75	18.74	18.70	19.30
		25	0	18.77	18.77	18.73	19.30
		25	13	18.81	18.84	18.83	19.30
		25	25	18.68	18.77	18.78	19.30
		50	0	18.77	18.71	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.22	20.36	20.18	20.80
		1	38	20.17	20.32	20.20	20.80
		1	74	20.23	20.32	20.27	20.80
		36	0	20.27	20.43	20.26	20.80
		36	18	20.28	20.28	20.29	20.80
		36	39	20.28	20.38	20.26	20.80

		75	0	20.36	20.33	20.14	20.80
	16QAM	1	0	20.18	20.13	20.18	20.80
		1	38	20.29	20.27	20.14	20.80
		1	74	20.27	20.22	20.21	20.80
		36	0	20.24	20.25	20.21	20.80
		36	18	20.14	20.28	20.28	20.80
		36	39	20.22	20.20	20.20	20.80
		75	0	20.17	20.27	20.20	20.80
	64QAM	1	0	20.30	20.23	20.15	20.80
		1	38	20.16	20.20	20.24	20.80
		1	74	20.32	20.09	20.16	20.80
		36	0	20.27	20.30	20.12	20.80
		36	18	20.21	20.38	20.15	20.80
		36	39	20.12	20.27	20.25	20.80
		75	0	20.29	20.18	20.10	20.80
	256QAM	1	0	18.85	18.80	18.66	19.30
		1	38	18.76	18.78	18.71	19.30
		1	74	18.75	18.69	18.70	19.30
		36	0	18.79	18.71	18.83	19.30
		36	18	18.77	18.71	18.69	19.30
		36	39	18.76	18.83	18.69	19.30
		75	0	18.68	18.77	18.69	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	20.34	20.41	20.38	20.80
		1	50	20.23	20.21	20.22	20.80
		1	99	20.30	20.27	20.27	20.80
		50	0	20.30	20.34	20.14	20.80
		50	25	20.26	20.27	20.20	20.80
		50	50	20.29	20.30	20.23	20.80
		100	0	20.31	20.28	20.13	20.80
	16QAM	1	0	20.22	20.13	20.22	20.80
		1	50	20.31	20.33	20.20	20.80
		1	99	20.27	20.33	20.12	20.80
		50	0	20.32	20.31	20.20	20.80
		50	25	20.20	20.21	20.30	20.80
		50	50	20.17	20.15	20.16	20.80
		100	0	20.27	20.23	20.13	20.80
	64QAM	1	0	20.25	20.26	20.20	20.80
		1	50	20.28	20.32	20.21	20.80
		1	99	20.33	20.18	20.17	20.80
		50	0	20.21	20.26	20.16	20.80
		50	25	20.15	20.37	20.16	20.80
		50	50	20.20	20.24	20.32	20.80
		100	0	20.31	20.21	20.16	20.80
	256QAM	1	0	18.83	18.75	18.70	19.30
		1	50	18.67	18.72	18.73	19.30
		1	99	18.74	18.74	18.78	19.30
		50	0	18.75	18.73	18.80	19.30
		50	25	18.78	18.66	18.72	19.30
		50	50	18.79	18.69	18.74	19.30

		100	0	18.81	18.79	18.82	19.30

LTE Band 4 Ant3 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	22.70	22.77	22.63	23.30
		1	2	22.66	22.42	22.50	23.30
		1	5	22.54	22.49	22.45	23.30
		3	0	22.55	22.59	22.49	23.30
		3	2	22.47	22.48	22.50	23.30
		3	3	22.37	22.39	22.62	23.30
		6	0	22.55	22.62	22.46	23.30
	16QAM	1	0	22.36	22.56	22.56	23.30
		1	2	22.41	22.49	22.42	23.30
		1	5	22.53	22.46	22.55	23.30
		3	0	22.36	22.45	22.43	23.30
		3	2	22.40	22.35	22.60	23.30
		3	3	22.46	22.49	22.31	23.30
		6	0	21.42	21.69	21.37	22.30
	64QAM	1	0	21.44	21.44	21.65	22.30
		1	2	21.44	21.69	21.53	22.30
		1	5	21.38	21.64	21.39	22.30
		3	0	21.36	21.54	21.65	22.30
		3	2	21.46	21.51	21.47	22.30
		3	3	21.61	21.41	21.51	22.30
		6	0	20.58	20.53	20.54	21.30
	256QAM	1	0	18.58	18.70	18.43	19.30
		1	2	18.59	18.65	18.41	19.30
		1	5	18.47	18.54	18.48	19.30
		3	0	18.55	18.55	18.65	19.30
		3	2	18.39	18.47	18.47	19.30
		3	3	18.50	18.58	18.48	19.30
		6	0	18.54	18.56	18.43	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	22.54	22.75	22.64	23.30
		1	7	22.66	22.56	22.62	23.30
		1	14	22.46	22.61	22.43	23.30
		8	0	22.46	22.69	22.63	23.30
		8	4	22.46	22.57	22.59	23.30
		8	7	22.32	22.43	22.59	23.30
		15	0	22.53	22.61	22.48	23.30
	16QAM	1	0	22.51	22.56	22.63	23.30
		1	7	22.49	22.45	22.45	23.30
		1	14	22.65	22.42	22.44	23.30
		8	0	21.34	21.56	21.42	22.30
		8	4	21.47	21.54	21.69	22.30
		8	7	21.58	21.68	21.40	22.30

		15	0	21.58	21.63	21.36	22.30
	64QAM	1	0	21.44	21.44	21.46	22.30
		1	7	21.37	21.77	21.57	22.30
		1	14	21.37	21.64	21.45	22.30
		8	0	20.45	20.53	20.57	21.30
		8	4	20.42	20.64	20.53	21.30
		8	7	20.61	20.43	20.61	21.30
		15	0	20.54	20.57	20.56	21.30
	256QAM	1	0	18.61	18.71	18.37	19.30
		1	7	18.60	18.57	18.38	19.30
		1	14	18.55	18.48	18.50	19.30
		8	0	18.54	18.38	18.72	19.30
		8	4	18.42	18.59	18.51	19.30
		8	7	18.60	18.44	18.64	19.30
		15	0	18.69	18.67	18.46	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	22.55	22.72	22.55	23.30
		1	13	22.49	22.46	22.57	23.30
		1	24	22.59	22.45	22.42	23.30
		12	0	22.49	22.61	22.68	23.30
		12	6	22.46	22.56	22.59	23.30
		12	13	22.36	22.41	22.57	23.30
		25	0	22.55	22.56	22.58	23.30
	16QAM	1	0	22.35	22.49	22.65	23.30
		1	13	22.42	22.47	22.40	23.30
		1	24	22.55	22.44	22.50	23.30
		12	0	21.40	21.63	21.55	22.30
		12	6	21.49	21.58	21.54	22.30
		12	13	21.60	21.66	21.33	22.30
		25	0	21.49	21.55	21.41	22.30
	64QAM	1	0	21.45	21.46	21.59	22.30
		1	13	21.44	21.68	21.54	22.30
		1	24	21.40	21.66	21.49	22.30
		12	0	20.49	20.62	20.53	21.30
		12	6	20.40	20.56	20.56	21.30
		12	13	20.55	20.48	20.51	21.30
		25	0	20.52	20.60	20.53	21.30
	256QAM	1	0	18.60	18.66	18.48	19.30
		1	13	18.56	18.55	18.44	19.30
		1	24	18.45	18.47	18.68	19.30
		12	0	18.51	18.44	18.54	19.30
		12	6	18.45	18.57	18.36	19.30
		12	13	18.58	18.52	18.55	19.30
		25	0	18.50	18.64	18.42	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	22.66	22.74	22.73	23.30
		1	25	22.49	22.49	22.52	23.30
		1	49	22.61	22.54	22.40	23.30

		25	0	22.55	22.56	22.66	23.30
		25	13	22.50	22.56	22.52	23.30
		25	25	22.34	22.46	22.55	23.30
		50	0	22.65	22.73	22.50	23.30
	16QAM	1	0	22.43	22.44	22.56	23.30
		1	25	22.57	22.57	22.50	23.30
		1	49	22.71	22.54	22.47	23.30
		25	0	21.29	21.50	21.49	22.30
		25	13	21.48	21.50	21.62	22.30
		25	25	21.61	21.67	21.34	22.30
		50	0	21.44	21.66	21.42	22.30
	64QAM	1	0	21.38	21.41	21.45	22.30
		1	25	21.41	21.57	21.54	22.30
		1	49	21.53	21.52	21.37	22.30
		25	0	20.52	20.48	20.60	21.30
		25	13	20.36	20.63	20.66	21.30
		25	25	20.47	20.46	20.47	21.30
		50	0	20.59	20.61	20.63	21.30
	256QAM	1	0	18.65	18.54	18.50	19.30
		1	25	18.44	18.70	18.49	19.30
		1	49	18.64	18.52	18.66	19.30
		25	0	18.62	18.49	18.69	19.30
		25	13	18.38	18.44	18.51	19.30
		25	25	18.58	18.52	18.50	19.30
		50	0	18.53	18.55	18.49	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	22.54	22.75	22.65	23.30
		1	38	22.51	22.59	22.62	23.30
		1	74	22.52	22.62	22.44	23.30
		36	0	22.57	22.55	22.61	23.30
		36	18	22.49	22.60	22.50	23.30
		36	39	22.41	22.45	22.61	23.30
		75	0	22.58	22.73	22.53	23.30
	16QAM	1	0	22.45	22.54	22.66	23.30
		1	38	22.58	22.55	22.41	23.30
		1	74	22.68	22.42	22.53	23.30
		36	0	21.47	21.62	21.51	22.30
		36	18	21.59	21.49	21.70	22.30
		36	39	21.59	21.64	21.40	22.30
		75	0	21.58	21.59	21.37	22.30
	64QAM	1	0	21.39	21.43	21.55	22.30
		1	38	21.46	21.75	21.69	22.30
		1	74	21.48	21.55	21.35	22.30
		36	0	20.47	20.51	20.49	21.30
		36	18	20.47	20.51	20.51	21.30
		36	39	20.46	20.62	20.48	21.30
		75	0	20.68	20.61	20.52	21.30
	256QAM	1	0	18.54	18.65	18.39	19.30
		1	38	18.44	18.64	18.46	19.30
		1	74	18.63	18.61	18.60	19.30

		36	0	18.68	18.48	18.61	19.30
		36	18	18.42	18.57	18.48	19.30
		36	39	18.57	18.59	18.55	19.30
		75	0	18.50	18.57	18.45	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	22.72	22.81	22.75	23.30
		1	50	22.68	22.60	22.68	23.30
		1	99	22.63	22.64	22.51	23.30
		50	0	22.65	22.71	22.69	23.30
		50	25	22.60	22.68	22.67	23.30
		50	50	22.51	22.57	22.67	23.30
		100	0	22.70	22.75	22.64	23.30
	16QAM	1	0	22.53	22.61	22.68	23.30
		1	50	22.60	22.57	22.55	23.30
		1	99	22.72	22.61	22.60	23.30
		50	0	21.47	21.63	21.61	22.30
		50	25	21.61	21.65	21.72	22.30
		50	50	21.68	21.70	21.52	22.30
		100	0	21.59	21.75	21.54	22.30
	64QAM	1	0	21.52	21.59	21.65	22.30
		1	50	21.55	21.77	21.70	22.30
		1	99	21.57	21.70	21.54	22.30
		50	0	20.54	20.68	20.69	21.30
		50	25	20.54	20.67	20.66	21.30
		50	50	20.66	20.62	20.62	21.30
		100	0	20.70	20.72	20.68	21.30
	256QAM	1	0	18.67	18.71	18.56	19.30
		1	50	18.62	18.72	18.54	19.30
		1	99	18.65	18.62	18.68	19.30
		50	0	18.71	18.58	18.72	19.30
		50	25	18.54	18.60	18.55	19.30
		50	50	18.66	18.59	18.64	19.30
		100	0	18.70	18.74	18.59	19.30

3.3 Conducted Power of LTE Band 5

LTE Band 5 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.70	23.76	23.68	24.80
		1	2	23.67	23.65	23.57	24.80
		1	5	23.70	23.61	23.69	24.80
		3	0	23.66	23.66	23.62	24.80
		3	2	23.63	23.59	23.58	24.80
		3	3	23.71	23.63	23.57	24.80
		6	0	22.67	22.63	22.67	23.80
	16QAM	1	0	22.80	22.79	22.76	23.80
		1	2	22.80	22.77	22.87	23.80

		1	5	22.69	22.79	22.72	23.80
		3	0	22.69	22.67	22.68	23.80
		3	2	22.66	22.61	22.69	23.80
		3	3	22.70	22.66	22.67	23.80
		6	0	21.86	21.88	21.84	22.80
	64QAM	1	0	21.85	21.80	21.81	22.80
		1	2	21.78	21.83	21.87	22.80
		1	5	21.88	21.80	21.82	22.80
		3	0	21.84	21.84	21.87	22.80
		3	2	21.76	21.76	21.91	22.80
		3	3	21.83	21.76	21.90	22.80
		6	0	20.92	20.97	20.89	21.80
	256QAM	1	0	19.09	19.02	19.03	19.80
		1	2	19.00	19.01	18.99	19.80
		1	5	19.08	19.00	19.09	19.80
		3	0	19.02	19.02	19.05	19.80
		3	2	19.00	19.06	19.05	19.80
		3	3	19.00	19.04	19.07	19.80
		6	0	19.04	19.04	19.10	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.70	23.74	23.65	24.80
		1	7	23.61	23.63	23.60	24.80
		1	14	23.68	23.67	23.70	24.80
		8	0	22.74	22.61	22.69	23.80
		8	4	22.68	22.75	22.77	23.80
		8	7	22.83	22.79	22.82	23.80
		15	0	22.73	22.67	22.69	23.80
	16QAM	1	0	22.85	22.79	22.69	23.80
		1	7	22.79	22.79	22.82	23.80
		1	14	22.78	22.78	22.73	23.80
		8	0	21.77	21.84	21.92	22.80
		8	4	21.79	21.86	21.85	22.80
		8	7	21.82	21.82	21.78	22.80
		15	0	21.87	21.89	21.74	22.80
	64QAM	1	0	21.82	21.89	21.81	22.80
		1	7	21.79	21.85	21.83	22.80
		1	14	21.82	21.79	21.85	22.80
		8	0	20.85	20.92	20.98	21.80
		8	4	20.94	20.87	20.98	21.80
		8	7	20.95	20.89	20.90	21.80
		15	0	20.90	20.91	20.95	21.80
	256QAM	1	0	19.08	19.07	19.05	19.80
		1	7	18.99	19.03	19.02	19.80
		1	14	19.09	18.99	19.10	19.80
		8	0	19.05	19.08	19.08	19.80
		8	4	19.06	19.03	19.06	19.80
		8	7	19.08	19.08	19.05	19.80
		15	0	19.00	19.09	19.08	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20425	20525	20625	
5MHz	QPSK	1	0	23.72	23.76	23.64	24.80
		1	13	23.63	23.61	23.56	24.80
		1	24	23.69	23.61	23.60	24.80
		12	0	22.65	22.61	22.70	23.80
		12	6	22.74	22.73	22.72	23.80
		12	13	22.82	22.70	22.81	23.80
		25	0	22.69	22.60	22.75	23.80
	16QAM	1	0	22.79	22.85	22.72	23.80
		1	13	22.81	22.73	22.82	23.80
		1	24	22.70	22.71	22.74	23.80
		12	0	21.81	21.79	21.88	22.80
		12	6	21.81	21.84	21.84	22.80
		12	13	21.81	21.85	21.80	22.80
		25	0	21.84	21.85	21.75	22.80
	64QAM	1	0	21.85	21.82	21.75	22.80
		1	13	21.84	21.94	21.89	22.80
		1	24	21.80	21.84	21.89	22.80
		12	0	20.90	20.98	20.91	21.80
		12	6	20.89	20.91	20.90	21.80
		12	13	20.97	20.89	20.95	21.80
		25	0	20.86	20.92	20.90	21.80
	256QAM	1	0	19.03	19.07	19.07	19.80
		1	13	19.07	18.99	19.01	19.80
		1	24	19.06	19.06	19.09	19.80
		12	0	19.05	19.01	19.04	19.80
		12	6	19.07	19.09	19.01	19.80
		12	13	19.02	19.08	19.05	19.80
		25	0	19.02	19.01	19.05	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	23.73	23.79	23.70	24.80
		1	25	23.66	23.62	23.62	24.80
		1	49	23.67	23.67	23.66	24.80
		25	0	22.86	22.90	22.87	23.80
		25	13	22.67	22.67	22.73	23.80
		25	25	22.81	22.72	22.73	23.80
		50	0	22.74	22.82	22.75	23.80
	16QAM	1	0	22.84	22.80	22.76	23.80
		1	25	22.83	22.71	22.86	23.80
		1	49	22.75	22.72	22.77	23.80
		25	0	21.77	21.79	21.92	22.80
		25	13	21.89	21.85	21.82	22.80
		25	25	21.82	21.81	21.85	22.80
		50	0	21.86	21.86	21.73	22.80
	64QAM	1	0	21.88	21.79	21.84	22.80
		1	25	21.78	21.93	21.87	22.80
		1	49	21.81	21.80	21.83	22.80
		25	0	20.87	20.97	20.98	21.80
		25	13	20.99	20.86	20.89	21.80

		25	25	20.91	20.95	20.89	21.80
		50	0	20.89	20.93	20.92	21.80
	256QAM	1	0	19.03	19.06	19.03	19.80
		1	25	19.09	19.09	19.03	19.80
		1	49	19.09	19.05	19.07	19.80
		25	0	19.09	19.01	19.09	19.80
		25	13	19.05	18.99	19.08	19.80
		25	25	19.07	19.01	19.01	19.80
		50	0	19.06	19.08	19.02	19.80

LTE Band 5 Ant3 Full Power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.94	23.95	23.91	24.80
		1	2	23.85	23.86	23.76	24.80
		1	5	23.95	23.86	23.91	24.80
		3	0	23.90	23.88	23.83	24.80
		3	2	23.82	23.81	23.82	24.80
		3	3	23.87	23.83	23.74	24.80
		6	0	22.86	22.86	22.87	23.80
	16QAM	1	0	23.04	22.99	22.95	23.80
		1	2	23.03	22.93	23.07	23.80
		1	5	22.94	22.98	22.96	23.80
		3	0	22.88	22.88	22.89	23.80
		3	2	22.85	22.81	22.85	23.80
		3	3	22.95	22.88	22.88	23.80
		6	0	22.04	22.10	22.07	22.80
	64QAM	1	0	22.09	21.97	22.05	22.80
		1	2	22.01	21.99	22.05	22.80
		1	5	22.11	21.97	22.04	22.80
		3	0	22.02	22.08	22.11	22.80
		3	2	21.95	21.96	22.07	22.80
		3	3	22.00	21.98	22.11	22.80
		6	0	21.15	21.17	21.11	21.80
	256QAM	1	0	19.32	19.26	19.20	19.80
		1	2	19.16	19.21	19.22	19.80
		1	5	19.30	19.21	19.34	19.80
		3	0	19.20	19.26	19.24	19.80
		3	2	19.18	19.27	19.30	19.80
		3	3	19.17	19.24	19.25	19.80
		6	0	19.24	19.20	19.27	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.89	23.93	23.84	24.80
		1	7	23.80	23.82	23.75	24.80
		1	14	23.87	23.78	23.78	24.80
		8	0	22.90	22.83	22.88	23.80
		8	4	22.91	22.90	22.89	23.80
		8	7	23.00	22.89	22.99	23.80

		15	0	22.94	22.81	22.97	23.80
	16QAM	1	0	23.00	23.01	22.97	23.80
		1	7	23.02	22.98	23.02	23.80
		1	14	22.89	22.93	22.90	23.80
		8	0	21.98	21.96	22.10	22.80
		8	4	22.05	22.05	22.06	22.80
		8	7	22.01	22.09	22.00	22.80
		15	0	22.02	22.03	21.99	22.80
	64QAM	1	0	22.09	22.07	21.93	22.80
		1	7	22.08	22.11	22.06	22.80
		1	14	21.97	22.06	22.11	22.80
		8	0	21.10	21.15	21.15	21.80
		8	4	21.13	21.13	21.13	21.80
		8	7	21.21	21.09	21.13	21.80
		15	0	21.08	21.15	21.14	21.80
	256QAM	1	0	19.28	19.30	19.24	19.80
		1	7	19.24	19.23	19.23	19.80
		1	14	19.25	19.25	19.27	19.80
		8	0	19.30	19.23	19.27	19.80
		8	4	19.30	19.26	19.21	19.80
		8	7	19.24	19.33	19.25	19.80
		15	0	19.26	19.24	19.25	19.80

Bandwidth	Modulation	RB size	RB offset	Channel 20425	Channel 20525	Channel 20625	Tune up
5MHz	QPSK	1	0	23.97	23.93	23.83	24.80
		1	13	23.88	23.81	23.77	24.80
		1	24	23.85	23.79	23.76	24.80
		12	0	22.90	22.80	22.93	23.80
		12	6	22.97	22.89	22.95	23.80
		12	13	23.03	22.89	23.00	23.80
		25	0	22.88	22.76	22.93	23.80
	16QAM	1	0	23.01	23.02	22.93	23.80
		1	13	23.05	22.91	23.04	23.80
		1	24	22.87	22.90	22.91	23.80
		12	0	22.02	22.02	22.05	22.80
		12	6	22.05	22.01	22.02	22.80
		12	13	22.02	22.06	21.97	22.80
		25	0	22.03	22.04	21.91	22.80
	64QAM	1	0	22.06	22.05	21.98	22.80
		1	13	22.01	22.11	22.09	22.80
		1	24	21.99	22.03	22.08	22.80
		12	0	21.14	21.18	21.10	21.80
		12	6	21.07	21.11	21.15	21.80
		12	13	21.17	21.05	21.17	21.80
		25	0	21.09	21.11	21.09	21.80
	256QAM	1	0	19.24	19.31	19.31	19.80
		1	13	19.26	19.19	19.24	19.80
		1	24	19.31	19.28	19.28	19.80
		12	0	19.28	19.20	19.27	19.80
		12	6	19.31	19.29	19.24	19.80
		12	13	19.23	19.29	19.26	19.80

		25	0	19.18	19.22	19.22	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	23.90	23.96	23.93	24.80
		1	25	23.86	23.83	23.80	24.80
		1	49	23.92	23.90	23.86	24.80
		25	0	23.09	23.13	23.08	23.80
		25	13	22.84	22.86	22.94	23.80
		25	25	23.02	22.94	22.91	23.80
		50	0	22.93	23.07	22.93	23.80
	16QAM	1	0	23.05	22.97	23.01	23.80
		1	25	23.06	22.94	23.06	23.80
		1	49	22.93	22.94	22.93	23.80
		25	0	21.98	21.96	22.12	22.80
		25	13	22.08	22.06	22.05	22.80
		25	25	22.02	22.02	22.07	22.80
		50	0	22.08	22.08	21.96	22.80
	64QAM	1	0	22.09	21.99	22.01	22.80
		1	25	22.01	22.17	22.04	22.80
		1	49	22.02	22.03	22.04	22.80
		25	0	21.11	21.21	21.19	21.80
		25	13	21.19	21.09	21.10	21.80
		25	25	21.10	21.14	21.06	21.80
		50	0	21.11	21.16	21.16	21.80
	256QAM	1	0	19.26	19.23	19.22	19.80
		1	25	19.32	19.30	19.28	19.80
		1	49	19.33	19.24	19.26	19.80
		25	0	19.33	19.18	19.27	19.80
		25	13	19.24	19.22	19.27	19.80
		25	25	19.30	19.23	19.18	19.80
		50	0	19.23	19.30	19.25	19.80

3.4 Conducted Power of LTE Band 12

LTE FDD Band 12 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.80	23.84	23.71	24.80
		1	2	23.75	23.74	23.67	24.80
		1	5	23.77	23.78	23.74	24.80
		3	0	23.70	23.70	23.71	24.80
		3	2	23.71	23.69	23.68	24.80
		3	3	23.70	23.73	23.65	24.80
		6	0	22.87	22.75	22.77	23.80
	16QAM	1	0	22.89	22.92	22.81	23.80
		1	2	22.83	22.83	22.93	23.80
		1	5	22.84	22.82	22.84	23.80
		3	0	22.87	22.77	22.78	23.80
		3	2	22.79	22.70	22.78	23.80

		3	3	22.79	22.70	22.80	23.80
		6	0	21.98	21.97	21.92	22.80
	64QAM	1	0	21.92	21.89	21.94	22.80
		1	2	21.87	21.98	21.94	22.80
		1	5	21.97	21.92	21.94	22.80
		3	0	21.93	21.94	21.94	22.80
		3	2	21.93	21.96	21.94	22.80
		3	3	21.90	21.97	21.90	22.80
		6	0	21.05	21.02	21.07	21.80
	256QAM	1	0	19.14	19.14	19.14	19.80
		1	2	19.13	19.10	19.09	19.80
		1	5	19.14	19.14	19.13	19.80
		3	0	19.20	19.13	19.10	19.80
		3	2	19.16	19.10	19.14	19.80
		3	3	19.18	19.19	19.12	19.80
		6	0	19.20	19.18	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.85	23.78	23.70	24.80
		1	7	23.71	23.76	23.63	24.80
		1	14	23.80	23.80	23.75	24.80
		8	0	22.77	22.71	22.72	23.80
		8	4	22.79	22.78	22.78	23.80
		8	7	22.85	22.84	22.88	23.80
		15	0	22.78	22.69	22.80	23.80
	16QAM	1	0	22.92	22.86	22.83	23.80
		1	7	22.84	22.84	22.93	23.80
		1	14	22.83	22.82	22.89	23.80
		8	0	21.94	21.88	22.00	22.80
		8	4	21.94	21.99	21.91	22.80
		8	7	21.89	21.93	21.97	22.80
		15	0	21.98	21.90	21.84	22.80
	64QAM	1	0	21.98	21.91	21.92	22.80
		1	7	21.89	21.94	22.00	22.80
		1	14	21.90	21.92	21.98	22.80
		8	0	21.00	21.07	21.09	21.80
		8	4	21.09	21.02	21.01	21.80
		8	7	21.03	21.04	21.03	21.80
		15	0	20.96	20.99	20.98	21.80
	256QAM	1	0	19.14	19.16	19.13	19.80
		1	7	19.13	19.18	19.10	19.80
		1	14	19.15	19.11	19.12	19.80
		8	0	19.12	19.17	19.11	19.80
		8	4	19.16	19.12	19.14	19.80
		8	7	19.14	19.15	19.15	19.80
		15	0	19.11	19.15	19.10	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.77	23.83	23.78	24.80

		1	13	23.72	23.71	23.67	24.80
		1	24	23.75	23.74	23.70	24.80
		12	0	22.81	22.74	22.83	23.80
		12	6	22.77	22.87	22.83	23.80
		12	13	22.87	22.88	22.82	23.80
		25	0	22.82	22.75	22.79	23.80
	16QAM	1	0	22.89	22.92	22.81	23.80
		1	13	22.86	22.79	22.94	23.80
		1	24	22.87	22.82	22.87	23.80
		12	0	21.92	21.89	21.98	22.80
		12	6	21.97	21.98	21.93	22.80
		12	13	21.94	21.93	21.91	22.80
		25	0	21.92	21.99	21.92	22.80
	64QAM	1	0	21.92	21.92	21.95	22.80
		1	13	21.89	21.95	21.99	22.80
		1	24	21.96	21.98	21.94	22.80
		12	0	20.91	21.05	21.05	21.80
		12	6	21.06	20.95	21.00	21.80
		12	13	21.01	21.04	21.05	21.80
		25	0	21.02	20.99	21.05	21.80
	256QAM	1	0	19.15	19.11	19.11	19.80
		1	13	19.16	19.10	19.18	19.80
		1	24	19.13	19.14	19.17	19.80
		12	0	19.13	19.16	19.16	19.80
		12	6	19.09	19.12	19.18	19.80
		12	13	19.16	19.16	19.16	19.80
		25	0	19.09	19.18	19.13	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23060	23095	23130	
10MHz	QPSK	1	0	23.86	23.89	23.77	24.80
		1	25	23.74	23.71	23.69	24.80
		1	49	23.80	23.76	23.74	24.80
		25	0	22.86	22.93	22.84	23.80
		25	13	22.79	22.78	22.87	23.80
		25	25	22.82	22.87	22.82	23.80
		50	0	22.80	22.90	22.81	23.80
	16QAM	1	0	22.95	22.87	22.86	23.80
		1	25	22.91	22.81	22.87	23.80
		1	49	22.79	22.87	22.81	23.80
		25	0	21.94	21.88	21.98	22.80
		25	13	21.89	21.97	21.88	22.80
		25	25	21.97	21.96	21.92	22.80
		50	0	21.92	21.94	21.86	22.80
	64QAM	1	0	21.95	21.90	21.86	22.80
		1	25	21.85	22.04	21.90	22.80
		1	49	21.93	21.88	21.99	22.80
		25	0	20.94	21.06	21.10	21.80
		25	13	20.99	21.01	21.00	21.80
		25	25	21.07	21.00	20.99	21.80
		50	0	21.01	20.98	21.03	21.80
	256QAM	1	0	19.11	19.10	19.11	19.80

		1	25	19.18	19.10	19.10	19.80
		1	49	19.16	19.11	19.14	19.80
		25	0	19.18	19.19	19.19	19.80
		25	13	19.19	19.16	19.15	19.80
		25	25	19.15	19.09	19.15	19.80
		50	0	19.10	19.12	19.10	19.80

3.5 Conducted Power of LTE Band 14

LTE FDD Band 14 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	23.99	24.01	23.91	24.80
		1	13	23.90	23.95	23.89	24.80
		1	24	23.91	23.94	23.97	24.80
		12	0	23.00	22.97	22.90	23.80
		12	6	23.05	22.99	22.96	23.80
		12	13	23.13	23.07	23.00	23.80
		25	0	22.97	22.85	22.98	23.80
	16QAM	1	0	23.11	23.07	23.06	23.80
		1	13	23.07	23.01	23.13	23.80
		1	24	22.99	23.04	23.08	23.80
		12	0	22.06	22.12	22.17	22.80
		12	6	22.08	22.16	22.09	22.80
		12	13	22.14	22.19	22.12	22.80
		25	0	22.07	22.11	22.11	22.80
	64QAM	1	0	22.16	22.07	22.12	22.80
		1	13	22.11	22.17	22.14	22.80
		1	24	22.10	22.14	22.09	22.80
		12	0	21.15	21.17	21.19	21.80
		12	6	21.26	21.11	21.23	21.80
		12	13	21.15	21.24	21.19	21.80
		25	0	21.21	21.15	21.23	21.80
	256QAM	1	0	19.38	19.33	19.34	19.80
		1	13	19.28	19.36	19.37	19.80
		1	24	19.34	19.35	19.33	19.80
		12	0	19.38	19.37	19.31	19.80
		12	6	19.33	19.41	19.35	19.80
		12	13	19.29	19.29	19.38	19.80
		25	0	19.28	19.37	19.30	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
10MHz	QPSK	1	0	/	24.09	/	24.80
		1	25	/	23.86	/	24.80
		1	49	/	23.93	/	24.80
		25	0	/	23.16	/	23.80
		25	13	/	22.96	/	23.80
		25	25	/	23.08	/	23.80

		50	0	/	22.85	/	23.80
	16QAM	1	0	/	23.03	/	23.80
		1	25	/	23.04	/	23.80
		1	49	/	23.01	/	23.80
		25	0	/	22.11	/	22.80
		25	13	/	22.16	/	22.80
		25	25	/	22.17	/	22.80
		50	0	/	22.11	/	22.80
	64QAM	1	0	/	22.17	/	22.80
		1	25	/	22.18	/	22.80
		1	49	/	22.14	/	22.80
		25	0	/	21.22	/	21.80
		25	13	/	21.15	/	21.80
		25	25	/	21.20	/	21.80
		50	0	/	21.18	/	21.80
	256QAM	1	0	/	19.34	/	19.80
		1	25	/	19.28	/	19.80
		1	49	/	19.33	/	19.80
		25	0	/	19.30	/	19.80
		25	13	/	19.30	/	19.80
		25	25	/	19.33	/	19.80
		50	0	/	19.35	/	19.80

3.6 Conducted Power of LTE Band 17

LTE FDD Band 17 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 23755	Channel 23790	Channel 23825	Tune up
5MHz	QPSK	1	0	22.82	22.92	22.76	23.80
		1	13	22.77	22.76	22.71	23.80
		1	24	22.80	22.79	22.77	23.80
		12	0	21.84	21.84	21.79	22.80
		12	6	21.83	21.85	21.90	22.80
		12	13	21.99	21.87	21.88	22.80
		25	0	21.88	21.77	21.92	22.80
	16QAM	1	0	22.00	21.98	21.90	22.80
		1	13	21.89	21.85	21.92	22.80
		1	24	21.92	21.87	21.86	22.80
		12	0	20.97	21.01	21.01	21.80
		12	6	20.93	21.04	20.91	21.80
		12	13	21.02	20.99	20.99	21.80
		25	0	21.04	20.95	20.88	21.80
	64QAM	1	0	21.02	20.99	20.99	21.80
		1	13	20.92	21.01	20.96	21.80
		1	24	20.95	21.01	21.04	21.80
		12	0	20.01	20.13	20.13	20.80
		12	6	20.08	20.05	20.11	20.80
		12	13	20.12	20.04	20.06	20.80
		25	0	20.10	20.01	20.08	20.80
	256QAM	1	0	18.21	18.18	18.22	18.80

		1	13	18.22	18.15	18.22	18.80
		1	24	18.16	18.23	18.15	18.80
		12	0	18.19	18.23	18.22	18.80
		12	6	18.15	18.15	18.24	18.80
		12	13	18.25	18.16	18.18	18.80
		25	0	18.16	18.17	18.14	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23780	23790	23800	
10MHz	QPSK	1	0	22.91	22.95	22.82	23.80
		1	25	22.79	22.83	22.70	23.80
		1	49	22.85	22.87	22.79	23.80
		25	0	21.93	21.99	21.89	22.80
		25	13	21.83	21.88	21.83	22.80
		25	25	21.88	21.91	21.76	22.80
		50	0	21.86	21.92	21.86	22.80
	16QAM	1	0	22.01	21.90	21.85	22.80
		1	25	21.93	21.92	21.97	22.80
		1	49	21.92	21.89	21.95	22.80
		25	0	20.93	20.95	21.07	21.80
		25	13	21.01	20.98	20.93	21.80
		25	25	20.98	20.97	20.97	21.80
		50	0	20.95	21.01	20.90	21.80
	64QAM	1	0	20.98	21.01	20.95	21.80
		1	25	20.98	21.08	21.01	21.80
		1	49	20.99	20.94	21.01	21.80
		25	0	20.01	20.07	20.09	20.80
		25	13	20.07	20.07	20.13	20.80
		25	25	20.10	20.08	20.03	20.80
		50	0	20.05	20.06	20.12	20.80
	256QAM	1	0	18.25	18.14	18.16	18.80
		1	25	18.18	18.23	18.20	18.80
		1	49	18.18	18.20	18.23	18.80
		25	0	18.25	18.14	18.18	18.80
		25	13	18.19	18.16	18.18	18.80
		25	25	18.16	18.17	18.18	18.80
		50	0	18.25	18.20	18.21	18.80

3.7 Conducted Power of LTE Band 26

LTE Band 26 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.99	23.98	23.87	24.80
		1	2	23.96	23.94	23.88	24.80
		1	5	23.92	24.00	23.92	24.80
		3	0	23.95	23.88	23.88	24.80
		3	2	23.92	23.96	23.96	24.80
		3	3	23.94	23.90	23.90	24.80
		6	0	22.93	22.96	22.99	23.80
	16QAM	1	0	23.11	23.06	23.02	23.80

		1	2	22.96	22.96	23.14	23.80
		1	5	22.99	23.01	22.98	23.80
		3	0	23.02	23.06	23.00	23.80
		3	2	23.00	23.00	22.96	23.80
		3	3	22.95	23.05	22.98	23.80
		6	0	22.14	22.08	22.00	22.80
	64QAM	1	0	22.10	22.10	21.96	22.80
		1	2	22.13	22.21	22.14	22.80
		1	5	22.09	22.08	22.10	22.80
		3	0	22.07	22.11	22.12	22.80
		3	2	22.12	22.13	22.04	22.80
		3	3	21.99	22.15	22.09	22.80
		6	0	21.13	21.21	21.15	21.80
	256QAM	1	0	19.29	19.24	19.32	19.80
		1	2	19.32	19.26	19.31	19.80
		1	5	19.32	19.31	19.24	19.80
		3	0	19.31	19.24	19.31	19.80
		3	2	19.31	19.32	19.29	19.80
		3	3	19.35	19.34	19.26	19.80
		6	0	19.28	19.32	19.34	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.92	24.04	23.82	24.80
		1	7	23.86	23.86	23.80	24.80
		1	14	23.98	23.87	23.93	24.80
		8	0	22.90	22.94	22.93	23.80
		8	4	22.94	23.01	23.03	23.80
		8	7	23.08	23.07	22.99	23.80
		15	0	22.98	22.82	22.99	23.80
	16QAM	1	0	23.05	23.11	22.91	23.80
		1	7	23.03	22.98	23.04	23.80
		1	14	23.03	23.07	23.07	23.80
		8	0	22.07	21.98	22.18	22.80
		8	4	22.11	22.20	22.04	22.80
		8	7	22.12	22.06	22.05	22.80
		15	0	22.05	22.03	22.02	22.80
	64QAM	1	0	22.09	22.06	21.99	22.80
		1	7	22.05	22.14	22.02	22.80
		1	14	22.03	22.03	22.10	22.80
		8	0	21.05	21.18	21.17	21.80
		8	4	21.20	21.18	21.17	21.80
		8	7	21.14	21.19	21.17	21.80
		15	0	21.10	21.24	21.13	21.80
	256QAM	1	0	19.31	19.32	19.23	19.80
		1	7	19.38	19.27	19.29	19.80
		1	14	19.29	19.35	19.22	19.80
		8	0	19.34	19.26	19.26	19.80
		8	4	19.27	19.34	19.28	19.80
		8	7	19.34	19.35	19.22	19.80
		15	0	19.35	19.32	19.31	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				26715	26865	27015	
5MHz	QPSK	1	0	24.04	23.94	23.95	24.80
		1	13	23.95	23.89	23.79	24.80
		1	24	23.98	23.96	23.84	24.80
		12	0	22.90	22.85	22.92	23.80
		12	6	22.97	22.98	22.98	23.80
		12	13	23.03	22.97	23.09	23.80
		25	0	22.96	22.89	22.96	23.80
	16QAM	1	0	23.08	23.07	22.98	23.80
		1	13	22.95	22.93	23.15	23.80
		1	24	22.98	22.98	22.99	23.80
		12	0	22.12	22.06	22.17	22.80
		12	6	22.09	22.16	22.03	22.80
		12	13	22.12	22.08	22.11	22.80
		25	0	22.18	22.11	21.99	22.80
	64QAM	1	0	22.14	22.11	22.12	22.80
		1	13	22.08	22.20	22.10	22.80
		1	24	22.09	22.12	22.07	22.80
		12	0	21.12	21.28	21.19	21.80
		12	6	21.17	21.19	21.27	21.80
		12	13	21.14	21.17	21.19	21.80
		25	0	21.10	21.20	21.17	21.80
	256QAM	1	0	19.36	19.38	19.24	19.80
		1	13	19.30	19.25	19.26	19.80
		1	24	19.40	19.29	19.28	19.80
		12	0	19.28	19.36	19.28	19.80
		12	6	19.30	19.22	19.22	19.80
		12	13	19.31	19.21	19.23	19.80
		25	0	19.25	19.31	19.30	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 26750	Channel 26865	Channel 26990	Tune up
10MHz	QPSK	1	0	23.95	24.01	23.87	24.80
		1	25	23.88	23.93	23.83	24.80
		1	49	23.95	23.98	23.93	24.80
		25	0	22.95	22.92	22.95	23.80
		25	13	22.96	22.92	23.03	23.80
		25	25	23.05	23.01	23.10	23.80
		50	0	22.99	22.83	23.00	23.80
	16QAM	1	0	23.09	23.05	22.96	23.80
		1	25	23.11	23.05	23.14	23.80
		1	49	23.07	23.00	23.00	23.80
		25	0	22.05	22.10	22.23	22.80
		25	13	22.08	22.18	22.08	22.80
		25	25	22.08	22.10	22.07	22.80
		50	0	22.08	22.07	22.06	22.80
	64QAM	1	0	22.07	22.12	22.15	22.80
		1	25	22.07	22.15	22.12	22.80
		1	49	22.00	22.07	22.05	22.80
		25	0	21.15	21.17	21.18	21.80
		25	13	21.16	21.17	21.18	21.80
		25	25	21.14	21.22	21.11	21.80

		25	25	21.13	21.17	21.14	21.80
	256QAM	1	0	19.34	19.24	19.30	19.80
		1	25	19.30	19.27	19.28	19.80
		1	49	19.30	19.25	19.37	19.80
		25	0	19.25	19.30	19.34	19.80
		25	13	19.24	19.34	19.30	19.80
		25	25	19.30	19.23	19.32	19.80
		25	25	19.35	19.24	19.33	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 26775	Channel 26865	Channel 26965	Tune up
15MHz	QPSK	1	0	23.93	24.10	23.87	24.80
		1	38	23.94	23.89	23.79	24.80
		1	74	23.93	23.94	23.92	24.80
		36	0	23.12	23.17	23.07	23.80
		36	18	22.98	22.98	23.00	23.80
		36	39	22.99	23.04	22.95	23.80
		75	0	22.99	23.13	22.98	23.80
	16QAM	1	0	23.07	23.08	22.96	23.80
		1	38	23.02	22.97	23.08	23.80
		1	74	23.02	22.94	22.99	23.80
		36	0	22.06	22.06	22.14	22.80
		36	18	22.09	22.05	22.03	22.80
		36	39	22.08	22.08	22.11	22.80
		75	0	22.07	22.14	22.10	22.80
	64QAM	1	0	22.18	22.14	22.06	22.80
		1	38	22.07	22.13	22.12	22.80
		1	74	22.09	22.09	22.11	22.80
		36	0	21.14	21.21	21.19	21.80
		36	18	21.21	21.19	21.27	21.80
		36	39	21.16	21.17	21.12	21.80
		75	0	21.23	21.25	21.18	21.80
	256QAM	1	0	19.26	19.31	19.35	19.80
		1	38	19.32	19.34	19.23	19.80
		1	74	19.24	19.30	19.35	19.80
		36	0	19.30	19.34	19.28	19.80
		36	18	19.35	19.28	19.37	19.80
		36	39	19.24	19.26	19.31	19.80
		75	0	19.26	19.23	19.35	19.80

3.8 Conducted Power of LTE Band 30

LTE FDD Band 30 Ant1 Full Power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 27685	Channel 27710	Channel 27735	Tune up
5MHz	QPSK	1	0	22.63	22.53	22.55	23.00
		1	13	22.54	22.60	22.41	23.00
		1	24	22.52	22.52	22.59	23.00
		12	0	21.68	21.50	21.55	22.00
		12	6	21.63	21.66	21.62	22.00

		12	13	21.68	21.67	21.71	22.00
		25	0	21.61	21.55	21.69	22.00
		1	0	21.66	21.75	21.61	22.00
		1	13	21.70	21.60	21.72	22.00
		1	24	21.66	21.69	21.66	22.00
	16QAM	12	0	20.54	20.50	20.56	21.00
		12	6	20.60	20.61	20.56	21.00
		12	13	20.47	20.58	20.53	21.00
		25	0	20.54	20.60	20.44	21.00
		1	0	20.54	20.60	20.52	21.00
		1	13	20.46	20.56	20.57	21.00
		1	24	20.56	20.55	20.60	21.00
	64QAM	12	0	19.53	19.61	19.68	20.00
		12	6	19.69	19.57	19.65	20.00
		12	13	19.61	19.56	19.66	20.00
		25	0	19.59	19.55	19.63	20.00
		1	0	17.71	17.67	17.73	18.00
		1	13	17.78	17.77	17.75	18.00
		1	24	17.82	17.76	17.68	18.00
	256QAM	12	0	17.78	17.72	17.74	18.00
		12	6	17.67	17.76	17.75	18.00
		12	13	17.77	17.72	17.82	18.00
		25	0	17.82	17.79	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	22.66	/	23.00
		1	25	/	22.49	/	23.00
		1	49	/	22.65	/	23.00
		25	0	/	21.69	/	22.00
		25	13	/	21.60	/	22.00
		25	25	/	21.66	/	22.00
		50	0	/	21.55	/	22.00
	16QAM	1	0	/	21.71	/	22.00
		1	25	/	21.74	/	22.00
		1	49	/	21.66	/	22.00
		25	0	/	20.49	/	21.00
		25	13	/	20.64	/	21.00
		25	25	/	20.62	/	21.00
		50	0	/	20.57	/	21.00
	64QAM	1	0	/	20.47	/	21.00
		1	25	/	20.57	/	21.00
		1	49	/	20.49	/	21.00
		25	0	/	19.61	/	20.00
		25	13	/	19.52	/	20.00
		25	25	/	19.63	/	20.00
		50	0	/	19.63	/	20.00
	256QAM	1	0	/	17.71	/	18.00

		1	25	/	17.73	/	18.00
		1	49	/	17.75	/	18.00
		25	0	/	17.71	/	18.00
		25	13	/	17.82	/	18.00
		25	25	/	17.74	/	18.00
		50	0	/	17.77	/	18.00

LTE FDD Band 30 Ant1 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	21.85	21.84	21.84	22.50
		1	13	21.84	21.92	21.67	22.50
		1	24	21.79	21.82	21.83	22.50
		12	0	21.60	21.50	21.43	22.00
		12	6	21.49	21.49	21.61	22.00
		12	13	21.67	21.47	21.55	22.00
		25	0	21.52	21.43	21.51	22.00
	16QAM	1	0	21.64	21.69	21.50	22.00
		1	13	21.62	21.43	21.71	22.00
		1	24	21.64	21.51	21.62	22.00
		12	0	20.51	20.34	20.45	21.00
		12	6	20.54	20.55	20.53	21.00
		12	13	20.42	20.39	20.36	21.00
		25	0	20.43	20.50	20.31	21.00
	64QAM	1	0	20.36	20.54	20.36	21.00
		1	13	20.41	20.56	20.50	21.00
		1	24	20.49	20.39	20.51	21.00
		12	0	19.38	19.49	19.67	20.00
		12	6	19.57	19.48	19.52	20.00
		12	13	19.53	19.43	19.59	20.00
		25	0	19.51	19.48	19.53	20.00
	256QAM	1	0	17.67	17.53	17.67	18.00
		1	13	17.73	17.67	17.72	18.00
		1	24	17.77	17.70	17.56	18.00
		12	0	17.70	17.65	17.72	18.00
		12	6	17.51	17.76	17.65	18.00
		12	13	17.62	17.63	17.67	18.00
		25	0	17.69	17.59	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	21.93	/	22.50
		1	25	/	21.70	/	22.50
		1	49	/	21.51	/	22.50
		25	0	/	21.58	/	22.00
		25	13	/	21.53	/	22.00
		25	25	/	21.50	/	22.00

		50	0	/	21.52	/	22.00
	16QAM	1	0	/	21.63	/	22.00
		1	25	/	21.61	/	22.00
		1	49	/	21.60	/	22.00
		25	0	/	20.38	/	21.00
		25	13	/	20.45	/	21.00
		25	25	/	20.60	/	21.00
		50	0	/	20.54	/	21.00
	64QAM	1	0	/	20.38	/	21.00
		1	25	/	20.44	/	21.00
		1	49	/	20.35	/	21.00
		25	0	/	19.58	/	20.00
		25	13	/	19.38	/	20.00
		25	25	/	19.63	/	20.00
		50	0	/	19.62	/	20.00
	256QAM	1	0	/	17.59	/	18.00
		1	25	/	17.55	/	18.00
		1	49	/	17.62	/	18.00
		25	0	/	17.68	/	18.00
		25	13	/	17.72	/	18.00
		25	25	/	17.71	/	18.00
		50	0	/	17.64	/	18.00

LTE FDD Band 30 Ant3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 27685	Channel 27710	Channel 27735	Tune up
5MHz	QPSK	1	0	22.31	22.12	22.10	22.80
		1	13	22.17	22.13	21.98	22.80
		1	24	22.13	22.08	22.09	22.80
		12	0	21.33	21.05	21.08	21.80
		12	6	21.37	21.19	21.21	21.80
		12	13	21.39	21.20	21.22	21.80
		25	0	21.25	21.12	21.20	21.80
	16QAM	1	0	21.41	21.27	21.19	21.80
		1	13	21.36	21.16	21.31	21.80
		1	24	21.34	21.20	21.20	21.80
		12	0	20.32	20.23	20.29	20.80
		12	6	20.42	20.32	20.27	20.80
		12	13	20.39	20.29	20.27	20.80
		25	0	20.44	20.36	20.22	20.80
	64QAM	1	0	20.48	20.31	20.29	20.80
		1	13	20.30	20.29	20.28	20.80
		1	24	20.34	20.30	20.30	20.80
		12	0	19.33	19.39	19.45	19.80
		12	6	19.47	19.29	19.39	19.80
		12	13	19.50	19.35	19.39	19.80
		25	0	19.46	19.33	19.40	19.80
	256QAM	1	0	17.60	17.44	17.46	17.80

		1	13	17.57	17.50	17.52	17.80
		1	24	17.71	17.47	17.45	17.80
		12	0	17.61	17.47	17.45	17.80
		12	6	17.63	17.53	17.51	17.80
		12	13	17.66	17.48	17.55	17.80
		25	0	17.60	17.49	17.48	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	22.17	/	22.80
		1	25	/	22.04	/	22.80
		1	49	/	22.16	/	22.80
		25	0	/	21.23	/	21.80
		25	13	/	21.19	/	21.80
		25	25	/	21.20	/	21.80
		50	0	/	21.09	/	21.80
	16QAM	1	0	/	21.29	/	21.80
		1	25	/	21.25	/	21.80
		1	49	/	21.16	/	21.80
		25	0	/	20.25	/	20.80
		25	13	/	20.38	/	20.80
		25	25	/	20.35	/	20.80
		50	0	/	20.30	/	20.80
	64QAM	1	0	/	20.25	/	20.80
		1	25	/	20.32	/	20.80
		1	49	/	20.24	/	20.80
		25	0	/	19.38	/	19.80
		25	13	/	19.30	/	19.80
		25	25	/	19.38	/	19.80
		50	0	/	19.37	/	19.80
	256QAM	1	0	/	17.45	/	17.80
		1	25	/	17.45	/	17.80
		1	49	/	17.48	/	17.80
		25	0	/	17.45	/	17.80
		25	13	/	17.55	/	17.80
		25	25	/	17.48	/	17.80
		50	0	/	17.51	/	17.80

LTE FDD Band 30 Ant3 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	15.86	16.04	15.94	16.80
		1	13	15.82	15.95	15.93	16.80
		1	24	15.87	15.94	16.00	16.80
		12	0	15.95	16.00	15.88	16.80
		12	6	15.92	15.98	15.88	16.80
		12	13	16.03	16.01	15.83	16.80
		25	0	16.05	16.05	15.95	16.80
	16QAM	1	0	15.88	15.81	15.83	16.80
		1	13	16.00	16.04	15.84	16.80

		1	24	15.87	15.93	15.93	16.80
		12	0	16.01	15.93	15.97	16.80
		12	6	15.86	15.88	15.89	16.80
		12	13	15.81	15.95	16.00	16.80
		25	0	15.95	15.86	15.83	16.80
	64QAM	1	0	15.93	15.98	15.88	16.80
		1	13	15.95	15.92	16.03	16.80
		1	24	16.06	15.86	15.75	16.80
		12	0	16.00	16.02	15.85	16.80
		12	6	15.83	16.08	15.88	16.80
		12	13	15.82	15.85	15.94	16.80
		25	0	15.89	15.98	15.88	16.80
	256QAM	1	0	15.92	15.92	15.94	16.80
		1	13	15.93	15.87	15.85	16.80
		1	24	15.98	16.00	15.88	16.80
		12	0	15.81	16.00	15.87	16.80
		12	6	15.90	15.90	15.87	16.80
		12	13	15.90	15.92	15.91	16.80
		25	0	16.03	16.00	15.84	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	16.14	/	16.80
		1	25	/	16.03	/	16.80
		1	49	/	16.01	/	16.80
		25	0	/	15.99	/	16.80
		25	13	/	15.89	/	16.80
		25	25	/	16.01	/	16.80
		50	0	/	15.96	/	16.80
	16QAM	1	0	/	15.79	/	16.80
		1	25	/	15.95	/	16.80
		1	49	/	15.93	/	16.80
		25	0	/	15.90	/	16.80
		25	13	/	15.88	/	16.80
		25	25	/	15.86	/	16.80
		50	0	/	15.87	/	16.80
	64QAM	1	0	/	15.95	/	16.80
		1	25	/	15.93	/	16.80
		1	49	/	15.80	/	16.80
		25	0	/	16.04	/	16.80
		25	13	/	16.01	/	16.80
		25	25	/	15.83	/	16.80
		50	0	/	16.01	/	16.80
	256QAM	1	0	/	15.93	/	16.80
		1	25	/	15.87	/	16.80
		1	49	/	15.98	/	16.80
		25	0	/	16.01	/	16.80
		25	13	/	15.93	/	16.80
		25	25	/	15.91	/	16.80
		50	0	/	15.94	/	16.80

LTE FDD Band 30 Ant3 Body-worn&Handheld				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				27685	27710	27735	
5MHz	QPSK	1	0	19.29	19.40	19.25	20.30
		1	13	19.18	19.15	19.16	20.30
		1	24	19.26	19.18	19.14	20.30
		12	0	19.26	19.28	19.08	20.30
		12	6	19.25	19.17	19.16	20.30
		12	13	19.24	19.30	19.19	20.30
		25	0	19.17	19.25	19.01	20.30
	16QAM	1	0	19.19	19.02	19.14	20.30
		1	13	19.24	19.22	19.13	20.30
		1	24	19.13	19.32	19.06	20.30
		12	0	19.22	19.17	19.13	20.30
		12	6	19.16	19.08	19.18	20.30
		12	13	19.17	19.13	19.13	20.30
		25	0	19.20	19.21	19.07	20.30
	64QAM	1	0	19.17	19.17	19.05	20.30
		1	13	19.18	19.23	19.18	20.30
		1	24	19.26	19.15	19.15	20.30
		12	0	19.33	19.39	19.45	19.80
		12	6	19.47	19.29	19.39	19.80
		12	13	19.50	19.35	19.39	19.80
		25	0	19.46	19.33	19.40	19.80
	256QAM	1	0	17.60	17.44	17.46	17.80
		1	13	17.57	17.50	17.52	17.80
		1	24	17.71	17.47	17.45	17.80
		12	0	17.61	17.47	17.45	17.80
		12	6	17.63	17.53	17.51	17.80
		12	13	17.66	17.48	17.55	17.80
		25	0	17.60	17.49	17.48	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	27710	/	
10MHz	QPSK	1	0	/	19.44		20.30
		1	25	/	19.17		20.30
		1	49	/	19.16		20.30
		25	0	/	19.40		20.30
		25	13	/	19.16		20.30
		25	25	/	19.16		20.30
		50	0	/	19.30		20.30
	16QAM	1	0	/	19.03		20.30
		1	25	/	19.22		20.30
		1	49	/	19.21		20.30
		25	0	/	19.17		20.30
		25	13	/	19.07		20.30
		25	25	/	19.02		20.30
		50	0	/	19.18		20.30
	64QAM	1	0	/	19.12		20.30

		1	25	/	19.28		20.30
		1	49	/	19.17		20.30
		25	0	/	19.12		19.80
		25	13	/	19.31		19.80
		25	25	/	19.11		19.80
		50	0	/	19.10		19.80
	256QAM	1	0	/	17.45	/	17.80
		1	25	/	17.45	/	17.80
		1	49	/	17.48	/	17.80
		25	0	/	17.45	/	17.80
		25	13	/	17.55	/	17.80
		25	25	/	17.48	/	17.80
		50	0	/	17.51	/	17.80

LTE FDD Band 30 Ant3 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 27685	Channel 27710	Channel 27735	Tune up
5MHz	QPSK	1	0	17.17	17.21	17.13	18.30
		1	13	17.12	17.15	16.97	18.30
		1	24	17.02	17.10	17.11	18.30
		12	0	17.03	17.04	17.06	18.30
		12	6	17.12	17.12	16.95	18.30
		12	13	17.16	17.16	17.10	18.30
		25	0	17.16	17.10	17.12	18.30
	16QAM	1	0	17.16	17.19	16.94	18.30
		1	13	16.99	17.18	17.05	18.30
		1	24	17.02	17.09	17.12	18.30
		12	0	17.11	17.13	17.01	18.30
		12	6	17.08	17.17	17.04	18.30
		12	13	17.07	17.20	17.00	18.30
		25	0	17.13	17.19	17.05	18.30
	64QAM	1	0	17.01	17.03	16.97	18.30
		1	13	17.04	17.06	17.05	18.30
		1	24	17.05	17.08	16.95	18.30
		12	0	17.15	17.11	16.98	18.30
		12	6	16.98	17.14	17.08	18.30
		12	13	17.07	17.09	17.08	18.30
		25	0	16.98	17.15	17.07	18.30
	256QAM	1	0	16.61	16.66	16.59	17.80
		1	13	16.61	16.70	16.55	17.80
		1	24	16.55	16.70	16.61	17.80
		12	0	16.51	16.62	16.61	17.80
		12	6	16.57	16.55	16.58	17.80
		12	13	16.58	16.61	16.47	17.80
		25	0	16.53	16.64	16.58	17.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 27710	Channel /	Tune up
10MHz	QPSK	1	0	/	17.24		18.30
		1	25	/	17.11		18.30

		1	49	/	17.05		18.30
		25	0	/	17.11		18.30
		25	13	/	17.07		18.30
		25	25	/	17.05		18.30
		50	0	/	17.14		18.30
	16QAM	1	0	/	17.10		18.30
		1	25	/	17.06		18.30
		1	49	/	17.08		18.30
		25	0	/	17.17		18.30
		25	13	/	17.21		18.30
		25	25	/	17.23		18.30
		50	0	/	17.08		18.30
	64QAM	1	0	/	17.11		18.30
		1	25	/	17.18		18.30
		1	49	/	17.11		18.30
		25	0	/	17.13		18.30
		25	13	/	17.17		18.30
		25	25	/	17.18		18.30
		50	0	/	17.09		18.30
	256QAM	1	0	/	16.62	/	17.80
		1	25	/	16.63	/	17.80
		1	49	/	16.58	/	17.80
		25	0	/	16.54	/	17.80
		25	13	/	16.65	/	17.80
		25	25	/	16.66	/	17.80
		50	0	/	16.65	/	17.80

3.9 Conducted Power of LTE Band 48

LTE Band 48 Ant5 Full Power				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55810	Channel 56170	Channel 56715	Tune up
5MHz	QPSK	1	0	22.74	22.79	22.77	22.71	23.80
		1	13	22.66	22.75	22.68	22.63	23.80
		1	24	22.77	22.72	22.77	22.71	23.80
		12	0	21.78	21.73	21.64	21.70	22.80
		12	6	21.70	21.75	21.73	21.80	22.80
		12	13	21.84	21.87	21.73	21.81	22.80
		25	0	21.80	21.74	21.64	21.78	22.80
	16QAM	1	0	21.86	21.91	21.86	21.81	22.80
		1	13	21.86	21.83	21.84	21.92	22.80
		1	24	21.74	21.74	21.74	21.76	22.80
		12	0	20.85	20.82	20.84	20.94	21.80
		12	6	20.92	20.91	20.89	20.90	21.80
		12	13	20.89	20.89	20.93	20.88	21.80
		25	0	20.91	20.93	20.91	20.85	21.80
	64QAM	1	0	20.88	20.87	20.86	20.82	21.80
		1	13	20.82	20.83	20.96	20.84	21.80
		1	24	20.90	20.86	20.85	20.93	21.80
		12	0	19.91	19.87	19.99	20.04	20.80

		12	6	20.00	20.00	19.91	19.95	20.80
		12	13	19.97	19.94	19.92	20.01	20.80
		25	0	19.94	19.99	20.00	20.01	20.80
	256QAM	1	0	18.08	18.14	18.14	18.12	18.80
		1	13	18.15	18.12	18.11	18.13	18.80
		1	24	18.08	18.15	18.13	18.10	18.80
		12	0	18.13	18.11	18.07	18.11	18.80
		12	6	18.09	18.11	18.05	18.08	18.80
		12	13	18.07	18.05	18.11	18.09	18.80
		25	0	18.07	18.06	18.08	18.08	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55815	Channel 56165	Channel 56690	Tune up
10MHz	QPSK	1	0	22.73	22.80	22.76	22.72	23.80
		1	25	22.68	22.74	22.70	22.57	23.80
		1	49	22.76	22.73	22.68	22.66	23.80
		25	0	21.75	21.71	21.67	21.69	22.80
		25	13	21.80	21.77	21.81	21.74	22.80
		25	25	21.81	21.82	21.81	21.83	22.80
		50	0	21.82	21.78	21.69	21.75	22.80
	16QAM	1	0	21.88	21.84	21.82	21.75	22.80
		1	25	21.86	21.80	21.80	21.90	22.80
		1	49	21.78	21.78	21.82	21.75	22.80
		25	0	20.83	20.85	20.84	20.92	21.80
		25	13	20.88	20.83	20.96	20.79	21.80
		25	25	20.84	20.85	20.90	20.92	21.80
		50	0	20.84	20.93	20.85	20.83	21.80
	64QAM	1	0	20.92	20.86	20.85	20.84	21.80
		1	25	20.83	20.79	20.91	20.85	21.80
		1	49	20.89	20.83	20.84	20.86	21.80
		25	0	19.96	19.96	20.01	20.03	20.80
		25	13	20.01	20.02	19.91	20.03	20.80
		25	25	19.93	20.00	19.97	20.02	20.80
		50	0	20.01	19.97	19.93	20.02	20.80
	256QAM	1	0	18.13	18.09	18.09	18.14	18.80
		1	25	18.15	18.10	18.13	18.04	18.80
		1	49	18.10	18.13	18.13	18.12	18.80
		25	0	18.08	18.10	18.05	18.11	18.80
		25	13	18.10	18.09	18.08	18.07	18.80
		25	25	18.07	18.09	18.15	18.10	18.80
		50	0	18.07	18.07	18.07	18.04	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 55315	Channel 55820	Channel 56160	Channel 56665	Tune up
15MHz	QPSK	1	0	22.77	22.71	22.78	22.71	23.80
		1	38	22.73	22.74	22.69	22.66	23.80
		1	74	22.70	22.68	22.69	22.74	23.80
		36	0	21.76	21.72	21.72	21.69	22.80
		36	18	21.79	21.73	21.79	21.74	22.80
		36	39	21.85	21.86	21.73	21.83	22.80
		75	0	21.73	21.79	21.70	21.82	22.80
	16QAM	1	0	21.89	21.90	21.86	21.81	22.80
		1	38	21.78	21.88	21.83	21.92	22.80

		1	74	21.82	21.75	21.84	21.77	22.80
		36	0	20.83	20.88	20.83	20.95	21.80
		36	18	20.87	20.89	20.91	20.89	21.80
		36	39	20.90	20.87	20.94	20.88	21.80
		75	0	20.88	20.89	20.91	20.80	21.80
	64QAM	1	0	20.87	20.92	20.87	20.85	21.80
		1	38	20.84	20.86	20.92	20.88	21.80
		1	74	20.89	20.85	20.91	20.87	21.80
		36	0	19.89	19.93	19.99	20.01	20.80
		36	18	19.97	20.05	19.92	20.05	20.80
		36	39	19.93	19.96	19.99	19.94	20.80
		75	0	19.92	19.93	19.94	20.02	20.80
	256QAM	1	0	18.06	18.09	18.07	18.11	18.80
		1	38	18.06	18.13	18.05	18.05	18.80
		1	74	18.10	18.05	18.07	18.14	18.80
		36	0	18.14	18.07	18.08	18.07	18.80
		36	18	18.06	18.06	18.06	18.11	18.80
		36	39	18.10	18.06	18.08	18.09	18.80
		75	0	18.09	18.04	18.04	18.09	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 55340	Channel 55830	Channel 56150	Channel 56640	Tune up
20MHz	QPSK	1	0	22.77	22.82	22.72	22.75	23.80
		1	50	22.66	22.66	22.65	22.58	23.80
		1	99	22.70	22.71	22.69	22.72	23.80
		50	0	21.76	21.87	21.84	21.82	22.80
		50	25	21.71	21.71	21.78	21.81	22.80
		50	50	21.66	21.63	21.80	21.77	22.80
		100	0	21.75	21.80	21.64	21.78	22.80
	16QAM	1	0	21.85	21.88	21.90	21.76	22.80
		1	50	21.82	21.80	21.84	21.89	22.80
		1	99	21.81	21.79	21.75	21.81	22.80
		50	0	20.87	20.86	20.83	20.92	21.80
		50	25	20.84	20.85	20.96	20.81	21.80
		50	50	20.86	20.88	20.89	20.87	21.80
		100	0	20.92	20.89	20.92	20.86	21.80
	64QAM	1	0	20.87	20.88	20.93	20.89	21.80
		1	50	20.80	20.88	20.96	20.90	21.80
		1	99	20.87	20.90	20.91	20.96	21.80
		50	0	19.94	19.93	19.98	19.99	20.80
		50	25	20.00	19.96	19.89	20.03	20.80
		50	50	20.03	19.98	19.96	20.02	20.80
		100	0	19.93	19.96	19.91	19.95	20.80
	256QAM	1	0	18.11	18.07	18.10	18.10	18.80
		1	50	18.11	18.05	18.13	18.13	18.80
		1	99	18.14	18.13	18.04	18.08	18.80
		50	0	18.11	18.06	18.13	18.12	18.80
		50	25	18.06	18.12	18.15	18.08	18.80
		50	50	18.10	18.06	18.09	18.08	18.80
		100	0	18.09	18.05	18.07	18.07	18.80

LTE Band 48 Ant5 Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel 55265	Channel 55810	Channel 56170	Channel 56715	Tune up
5MHz	QPSK	1	0	20.30	20.36	20.18	20.24	20.80
		1	13	20.08	20.22	20.07	20.12	20.80
		1	24	20.08	20.08	20.10	20.15	20.80
		12	0	20.13	20.24	20.05	20.08	20.80
		12	6	20.13	20.08	20.13	20.13	20.80
		12	13	20.10	20.29	20.02	20.13	20.80
		25	0	20.12	20.17	20.09	20.06	20.80
	16QAM	1	0	20.20	20.09	20.09	20.05	20.80
		1	13	20.19	20.17	20.08	20.14	20.80
		1	24	20.16	20.12	20.08	20.13	20.80
		12	0	20.15	20.16	20.07	20.18	20.80
		12	6	20.14	20.13	20.09	20.13	20.80
		12	13	20.04	20.12	20.10	20.16	20.80
		25	0	20.04	20.12	20.00	20.03	20.80
	64QAM	1	0	20.12	20.18	20.16	20.16	20.80
		1	13	20.13	20.16	20.17	20.20	20.80
		1	24	20.19	19.98	20.03	19.98	20.80
		12	0	19.87	19.83	19.71	19.75	20.80
		12	6	19.77	19.89	19.84	19.82	20.80
		12	13	19.81	19.73	19.85	19.89	20.80
		25	0	19.83	19.87	19.82	19.76	20.80
	256QAM	1	0	18.08	18.14	18.14	18.12	18.80
		1	13	18.15	18.12	18.11	18.13	18.80
		1	24	18.08	18.15	18.13	18.10	18.80
		12	0	18.13	18.11	18.07	18.11	18.80
		12	6	18.09	18.11	18.05	18.08	18.80
		12	13	18.07	18.05	18.11	18.09	18.80
		25	0	18.07	18.06	18.08	18.08	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 55290	Channel 55815	Channel 56165	Channel 56690	Tune up
10MHz	QPSK	1	0	20.25	20.34	20.18	20.16	20.80
		1	25	20.03	20.12	20.17	20.15	20.80
		1	49	20.09	20.11	20.05	20.12	20.80
		25	0	20.22	20.25	20.11	20.13	20.80
		25	13	20.17	20.16	20.07	20.10	20.80
		25	25	20.12	20.28	20.13	20.03	20.80
		50	0	20.17	20.21	20.08	20.03	20.80
	16QAM	1	0	20.16	20.11	20.04	20.14	20.80
		1	25	20.13	20.22	20.07	20.15	20.80
		1	49	20.07	20.15	20.14	20.11	20.80
		25	0	20.19	20.18	20.10	20.16	20.80
		25	13	20.15	20.16	20.19	20.09	20.80
		25	25	20.08	20.08	20.18	20.18	20.80
		50	0	20.02	20.07	19.96	20.01	20.80
	64QAM	1	0	20.16	20.09	20.08	20.10	20.80

		1	25	20.13	20.19	20.11	20.20	20.80
		1	49	20.19	20.00	20.02	20.05	20.80
		25	0	19.83	19.96	19.67	19.79	20.80
		25	13	19.73	19.96	19.71	19.76	20.80
		25	25	19.80	19.83	19.88	19.78	20.80
		50	0	19.83	19.76	19.79	19.79	20.80
	256QAM	1	0	18.13	18.09	18.09	18.14	18.80
		1	25	18.15	18.10	18.13	18.04	18.80
		1	49	18.10	18.13	18.13	18.12	18.80
		25	0	18.08	18.10	18.05	18.11	18.80
		25	13	18.10	18.09	18.08	18.07	18.80
		25	25	18.07	18.09	18.15	18.10	18.80
		50	0	18.07	18.07	18.07	18.04	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55315	55820	56160	56665	
15MHz	QPSK	1	0	20.22	20.28	20.21	20.16	20.80
		1	38	20.04	20.21	20.16	20.13	20.80
		1	74	20.14	20.13	20.16	20.09	20.80
		36	0	20.13	20.27	20.16	20.10	20.80
		36	18	20.20	20.18	20.17	20.14	20.80
		36	39	20.17	20.25	20.04	20.16	20.80
		75	0	20.23	20.22	20.08	20.06	20.80
	16QAM	1	0	20.08	20.07	20.15	20.13	20.80
		1	38	20.27	20.19	20.15	20.12	20.80
		1	74	20.08	20.11	20.15	20.14	20.80
		36	0	20.19	20.22	20.13	20.17	20.80
		36	18	20.11	20.13	20.20	20.15	20.80
		36	39	20.03	20.10	20.18	20.18	20.80
		75	0	20.10	20.12	20.02	20.05	20.80
	64QAM	1	0	20.18	20.08	20.08	20.12	20.80
		1	38	20.20	20.20	20.13	20.15	20.80
		1	74	20.19	20.02	20.05	20.04	20.80
		36	0	19.92	19.88	19.70	19.72	20.80
		36	18	19.72	19.95	19.81	19.80	20.80
		36	39	19.72	19.79	19.89	19.80	20.80
		75	0	19.85	19.87	19.72	19.75	20.80
	256QAM	1	0	18.06	18.09	18.07	18.11	18.80
		1	38	18.06	18.13	18.05	18.05	18.80
		1	74	18.10	18.05	18.07	18.14	18.80
		36	0	18.14	18.07	18.08	18.07	18.80
		36	18	18.06	18.06	18.06	18.11	18.80
		36	39	18.10	18.06	18.08	18.09	18.80
		75	0	18.09	18.04	18.04	18.09	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
				55340	55830	56150	56640	
20MHz	QPSK	1	0	20.23	20.44	20.20	20.25	20.80
		1	50	20.10	20.14	20.06	20.17	20.80
		1	99	20.19	20.19	20.09	20.17	20.80
		50	0	20.10	20.30	20.06	20.04	20.80
		50	25	20.16	20.07	20.08	20.07	20.80
		50	50	20.17	20.24	20.16	20.13	20.80

		100	0	20.24	20.24	20.13	20.07	20.80
	16QAM	1	0	20.14	20.03	20.10	20.03	20.80
		1	50	20.24	20.26	20.16	20.06	20.80
		1	99	20.08	20.21	20.05	20.10	20.80
		50	0	20.11	20.17	20.09	20.15	20.80
		50	25	20.01	20.14	20.19	20.11	20.80
		50	50	20.15	20.03	20.20	20.18	20.80
		100	0	20.15	20.08	20.05	19.99	20.80
	64QAM	1	0	20.11	20.19	20.13	20.10	20.80
		1	50	20.12	20.10	20.13	20.18	20.80
		1	99	20.14	20.10	19.99	19.98	20.80
		50	0	19.91	19.86	19.69	19.72	20.80
		50	25	19.76	19.89	19.72	19.76	20.80
		50	50	19.79	19.78	19.81	19.82	20.80
		100	0	19.93	19.82	19.70	19.74	20.80
	256QAM	1	0	18.11	18.07	18.10	18.10	18.80
		1	50	18.11	18.05	18.13	18.13	18.80
		1	99	18.14	18.13	18.04	18.08	18.80
		50	0	18.11	18.06	18.13	18.12	18.80
		50	25	18.06	18.12	18.15	18.08	18.80
		50	50	18.10	18.06	18.09	18.08	18.80
		100	0	18.09	18.05	18.07	18.07	18.80

3.10 Conducted Power of LTE Band 66

LTE Band 66 Ant2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	22.46	22.52	22.42	23.50
		1	2	22.45	22.38	22.38	23.50
		1	5	22.42	22.44	22.45	23.50
		3	0	22.40	22.41	22.32	23.50
		3	1	22.37	22.39	22.37	23.50
		3	3	22.35	22.41	22.33	23.50
		6	0	21.47	21.37	21.42	22.50
	16QAM	1	0	21.62	21.59	21.50	22.50
		1	2	21.50	21.49	21.55	22.50
		1	5	21.49	21.53	21.44	22.50
		3	0	21.49	21.51	21.55	22.50
		3	1	21.53	21.50	21.44	22.50
		3	3	21.48	21.49	21.48	22.50
		6	0	20.61	20.57	20.55	21.50
	64QAM	1	0	20.59	20.58	20.57	21.50
		1	2	20.54	20.65	20.55	21.50
		1	5	20.63	20.59	20.56	21.50
		3	0	20.59	20.63	20.57	21.50
		3	1	20.62	20.61	20.58	21.50
		3	3	20.58	20.63	20.60	21.50
		6	0	19.67	19.67	19.67	20.50

	256QAM	1	0	17.80	17.78	17.77	18.50
		1	2	17.81	17.75	17.79	18.50
		1	5	17.81	17.79	17.80	18.50
		3	0	17.78	17.84	17.82	18.50
		3	1	17.82	17.84	17.81	18.50
		3	3	17.81	17.75	17.76	18.50
		6	0	17.77	17.78	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	22.49	22.52	22.36	23.50
		1	7	22.42	22.43	22.37	23.50
		1	14	22.48	22.40	22.46	23.50
		8	0	21.46	21.35	21.46	22.50
		8	4	21.48	21.49	21.48	22.50
		8	7	21.54	21.47	21.48	22.50
		15	0	21.42	21.33	21.41	22.50
	16QAM	1	0	21.56	21.56	21.46	22.50
		1	7	21.57	21.51	21.58	22.50
		1	14	21.51	21.47	21.52	22.50
		8	0	20.53	20.55	20.61	21.50
		8	4	20.58	20.65	20.59	21.50
		8	7	20.60	20.66	20.55	21.50
		15	0	20.55	20.65	20.50	21.50
	64QAM	1	0	20.57	20.56	20.54	21.50
		1	7	20.52	20.61	20.58	21.50
		1	14	20.56	20.54	20.61	21.50
		8	0	19.67	19.74	19.71	20.50
		8	4	19.67	19.63	19.67	20.50
		8	7	19.62	19.64	19.70	20.50
		15	0	19.69	19.62	19.71	20.50
	256QAM	1	0	17.80	17.77	17.79	18.50
		1	7	17.82	17.84	17.79	18.50
		1	14	17.82	17.81	17.80	18.50
		8	0	17.76	17.83	17.79	18.50
		8	4	17.81	17.77	17.84	18.50
		8	7	17.83	17.77	17.83	18.50
		15	0	17.79	17.84	17.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	22.45	22.42	22.43	23.50
		1	13	22.43	22.35	22.35	23.50
		1	24	22.45	22.45	22.37	23.50
		12	0	21.48	21.35	21.47	22.50
		12	6	21.44	21.44	21.50	22.50
		12	13	21.55	21.51	21.58	22.50
		25	0	21.50	21.38	21.43	22.50
	16QAM	1	0	21.62	21.53	21.47	22.50
		1	13	21.53	21.49	21.53	22.50
		1	24	21.50	21.47	21.48	22.50
		12	0	20.59	20.54	20.69	21.50
		12	6	20.53	20.60	20.58	21.50

		12	13	20.62	20.60	20.54	21.50
		25	0	20.58	20.63	20.48	21.50
	64QAM	1	0	20.64	20.60	20.59	21.50
		1	13	20.50	20.69	20.58	21.50
		1	24	20.62	20.63	20.61	21.50
		12	0	19.60	19.70	19.65	20.50
		12	6	19.69	19.67	19.65	20.50
		12	13	19.62	19.65	19.70	20.50
		25	0	19.67	19.70	19.67	20.50
	256QAM	1	0	17.81	17.77	17.76	18.50
		1	13	17.84	17.83	17.79	18.50
		1	24	17.79	17.82	17.77	18.50
		12	0	17.84	17.82	17.77	18.50
		12	6	17.82	17.81	17.76	18.50
		12	13	17.85	17.81	17.82	18.50
		25	0	17.75	17.77	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	22.41	22.42	22.35	23.50
		1	25	22.43	22.39	22.39	23.50
		1	49	22.48	22.39	22.42	23.50
		25	0	21.50	21.35	21.47	22.50
		25	13	21.49	21.50	21.47	22.50
		25	25	21.55	21.50	21.52	22.50
		50	0	21.42	21.39	21.51	22.50
	16QAM	1	0	21.52	21.59	21.49	22.50
		1	25	21.49	21.49	21.62	22.50
		1	49	21.53	21.53	21.51	22.50
		25	0	20.59	20.57	20.68	21.50
		25	13	20.60	20.68	20.54	21.50
		25	25	20.56	20.61	20.55	21.50
		50	0	20.56	20.56	20.57	21.50
	64QAM	1	0	20.54	20.55	20.50	21.50
		1	25	20.51	20.64	20.60	21.50
		1	49	20.60	20.60	20.60	21.50
		25	0	19.59	19.66	19.69	20.50
		25	13	19.68	19.59	19.67	20.50
		25	25	19.68	19.70	19.72	20.50
		50	0	19.63	19.66	19.65	20.50
	256QAM	1	0	17.80	17.80	17.82	18.50
		1	25	17.81	17.75	17.75	18.50
		1	49	17.85	17.80	17.74	18.50
		25	0	17.81	17.76	17.74	18.50
		25	13	17.81	17.83	17.77	18.50
		25	25	17.81	17.82	17.83	18.50
		50	0	17.79	17.80	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	22.42	22.49	22.40	23.50
		1	38	22.35	22.40	22.34	23.50
		1	74	22.39	22.41	22.43	23.50

		36	0	21.41	21.41	21.38	22.50
		36	18	21.46	21.48	21.48	22.50
		36	39	21.53	21.54	21.53	22.50
		75	0	21.42	21.40	21.43	22.50
	16QAM	1	0	21.61	21.55	21.46	22.50
		1	38	21.49	21.45	21.54	22.50
		1	74	21.52	21.53	21.49	22.50
		36	0	20.60	20.55	20.64	21.50
		36	18	20.57	20.65	20.60	21.50
		36	39	20.56	20.61	20.56	21.50
		75	0	20.60	20.60	20.57	21.50
	64QAM	1	0	20.63	20.61	20.53	21.50
		1	38	20.58	20.60	20.60	21.50
		1	74	20.58	20.60	20.59	21.50
		36	0	19.64	19.75	19.70	20.50
		36	18	19.71	19.67	19.66	20.50
		36	39	19.70	19.62	19.70	20.50
		75	0	19.65	19.70	19.69	20.50
	256QAM	1	0	17.77	17.78	17.79	18.50
		1	38	17.85	17.76	17.85	18.50
		1	74	17.82	17.78	17.81	18.50
		36	0	17.76	17.79	17.78	18.50
		36	18	17.77	17.84	17.82	18.50
		36	39	17.84	17.85	17.82	18.50
		75	0	17.80	17.82	17.80	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.48	22.58	22.47	23.50
		1	50	22.37	22.36	22.35	23.50
		1	99	22.45	22.37	22.38	23.50
		50	0	21.44	21.55	21.46	22.50
		50	25	21.42	21.48	21.43	22.50
		50	50	21.36	21.49	21.40	22.50
		100	0	21.44	21.53	21.49	22.50
	16QAM	1	0	21.59	21.52	21.51	22.50
		1	50	21.55	21.46	21.61	22.50
		1	99	21.52	21.53	21.48	22.50
		50	0	20.52	20.54	20.65	21.50
		50	25	20.63	20.60	20.54	21.50
		50	50	20.54	20.59	20.57	21.50
		100	0	20.58	20.64	20.58	21.50
	64QAM	1	0	20.60	20.64	20.56	21.50
		1	50	20.57	20.60	20.56	21.50
		1	99	20.64	20.55	20.63	21.50
		50	0	19.61	19.65	19.68	20.50
		50	25	19.67	19.61	19.67	20.50
		50	50	19.65	19.64	19.68	20.50
		100	0	19.65	19.65	19.62	20.50
	256QAM	1	0	17.84	17.82	17.77	18.50
		1	50	17.84	17.74	17.80	18.50
		1	99	17.81	17.78	17.82	18.50

		50	0	17.80	17.74	17.78	18.50
		50	25	17.85	17.85	17.85	18.50
		50	50	17.82	17.79	17.81	18.50
		100	0	17.85	17.81	17.84	18.50

LTE Band 66 Ant2 Full Power for ENDC				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	23.22	23.25	23.14	24.30
		1	2	23.24	23.18	23.15	24.30
		1	5	23.15	23.23	23.20	24.30
		3	0	23.20	23.15	23.04	24.30
		3	1	23.09	23.11	23.08	24.30
		3	3	23.07	23.16	23.05	24.30
		6	0	22.23	22.10	22.18	23.30
	16QAM	1	0	22.40	22.31	22.28	23.30
		1	2	22.29	22.24	22.34	23.30
		1	5	22.24	22.33	22.20	23.30
		3	0	22.21	22.31	22.29	23.30
		3	1	22.25	22.21	22.20	23.30
		3	3	22.21	22.25	22.20	23.30
		6	0	21.40	21.30	21.26	22.30
	64QAM	1	0	21.37	21.36	21.37	22.30
		1	2	21.32	21.37	21.34	22.30
		1	5	21.34	21.31	21.35	22.30
		3	0	21.36	21.39	21.28	22.30
		3	1	21.41	21.37	21.34	22.30
		3	3	21.32	21.37	21.38	22.30
		6	0	20.42	20.42	20.39	21.30
	256QAM	1	0	18.58	18.52	18.52	19.30
		1	2	18.59	18.49	18.52	19.30
		1	5	18.52	18.52	18.53	19.30
		3	0	18.53	18.56	18.55	19.30
		3	1	18.60	18.59	18.53	19.30
		3	3	18.54	18.47	18.55	19.30
		6	0	18.48	18.54	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	23.16	23.20	23.11	24.30
		1	7	23.09	23.11	23.07	24.30
		1	14	23.12	23.17	23.21	24.30
		8	0	22.18	22.14	22.14	23.30
		8	4	22.20	22.20	22.24	23.30
		8	7	22.29	22.25	22.32	23.30
		15	0	22.20	22.14	22.20	23.30
	16QAM	1	0	22.35	22.27	22.19	23.30
		1	7	22.27	22.20	22.28	23.30
		1	14	22.27	22.24	22.25	23.30

		8	0	21.35	21.27	21.38	22.30
		8	4	21.36	21.38	21.36	22.30
		8	7	21.29	21.36	21.32	22.30
		15	0	21.37	21.39	21.33	22.30
	64QAM	1	0	21.37	21.35	21.28	22.30
		1	7	21.29	21.40	21.32	22.30
		1	14	21.37	21.40	21.34	22.30
		8	0	20.41	20.50	20.45	21.30
		8	4	20.46	20.39	20.38	21.30
		8	7	20.45	20.36	20.46	21.30
		15	0	20.42	20.42	20.49	21.30
	256QAM	1	0	18.54	18.51	18.52	19.30
		1	7	18.60	18.53	18.56	19.30
		1	14	18.60	18.50	18.58	19.30
		8	0	18.51	18.56	18.56	19.30
		8	4	18.54	18.59	18.55	19.30
		8	7	18.56	18.62	18.60	19.30
		15	0	18.55	18.54	18.54	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.17	23.21	23.14	24.30
		1	13	23.12	23.11	23.08	24.30
		1	24	23.14	23.16	23.20	24.30
		12	0	22.14	22.12	22.17	23.30
		12	6	22.21	22.25	22.19	23.30
		12	13	22.27	22.30	22.30	23.30
		25	0	22.21	22.12	22.19	23.30
	16QAM	1	0	22.38	22.33	22.17	23.30
		1	13	22.28	22.23	22.26	23.30
		1	24	22.24	22.33	22.24	23.30
		12	0	21.39	21.27	21.43	22.30
		12	6	21.33	21.42	21.36	22.30
		12	13	21.33	21.40	21.28	22.30
		25	0	21.33	21.40	21.30	22.30
	64QAM	1	0	21.41	21.33	21.29	22.30
		1	13	21.29	21.34	21.39	22.30
		1	24	21.31	21.35	21.38	22.30
		12	0	20.42	20.53	20.45	21.30
		12	6	20.49	20.44	20.46	21.30
		12	13	20.42	20.35	20.48	21.30
		25	0	20.41	20.42	20.42	21.30
	256QAM	1	0	18.49	18.52	18.57	19.30
		1	13	18.64	18.48	18.62	19.30
		1	24	18.58	18.50	18.57	19.30
		12	0	18.52	18.57	18.51	19.30
		12	6	18.56	18.59	18.54	19.30
		12	13	18.57	18.57	18.60	19.30
		25	0	18.57	18.54	18.58	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.20	23.25	23.15	24.30

		1	25	23.10	23.16	23.12	24.30
		1	49	23.10	23.14	23.20	24.30
		25	0	22.15	22.17	22.16	23.30
		25	13	22.25	22.22	22.27	23.30
		25	25	22.25	22.30	22.29	23.30
		50	0	22.20	22.18	22.19	23.30
	16QAM	1	0	22.34	22.27	22.25	23.30
		1	25	22.21	22.18	22.32	23.30
		1	49	22.26	22.26	22.21	23.30
		25	0	21.32	21.30	21.39	22.30
		25	13	21.36	21.45	21.36	22.30
		25	25	21.34	21.33	21.34	22.30
		50	0	21.37	21.38	21.34	22.30
	64QAM	1	0	21.41	21.33	21.27	22.30
		1	25	21.32	21.34	21.37	22.30
		1	49	21.35	21.33	21.30	22.30
		25	0	20.37	20.49	20.46	21.30
		25	13	20.46	20.45	20.44	21.30
		25	25	20.50	20.39	20.48	21.30
		50	0	20.36	20.42	20.43	21.30
	256QAM	1	0	18.53	18.57	18.57	19.30
		1	25	18.61	18.52	18.60	19.30
		1	49	18.60	18.58	18.54	19.30
		25	0	18.55	18.57	18.53	19.30
		25	13	18.51	18.56	18.61	19.30
		25	25	18.58	18.56	18.61	19.30
		50	0	18.52	18.55	18.58	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	23.16	23.26	23.15	24.30
		1	38	23.15	23.14	23.07	24.30
		1	74	23.16	23.21	23.22	24.30
		36	0	22.15	22.16	22.13	23.30
		36	18	22.23	22.19	22.23	23.30
		36	39	22.26	22.26	22.30	23.30
		75	0	22.19	22.13	22.21	23.30
	16QAM	1	0	22.35	22.30	22.22	23.30
		1	38	22.23	22.20	22.29	23.30
		1	74	22.32	22.33	22.23	23.30
		36	0	21.39	21.30	21.35	22.30
		36	18	21.31	21.44	21.34	22.30
		36	39	21.27	21.35	21.32	22.30
		75	0	21.36	21.39	21.34	22.30
	64QAM	1	0	21.41	21.35	21.29	22.30
		1	38	21.36	21.39	21.32	22.30
		1	74	21.37	21.32	21.31	22.30
		36	0	20.35	20.51	20.45	21.30
		36	18	20.44	20.39	20.37	21.30
		36	39	20.47	20.36	20.43	21.30
		75	0	20.38	20.46	20.47	21.30
	256QAM	1	0	18.55	18.50	18.51	19.30

		1	38	18.61	18.49	18.64	19.30
		1	74	18.60	18.49	18.58	19.30
		36	0	18.56	18.53	18.58	19.30
		36	18	18.54	18.59	18.53	19.30
		36	39	18.57	18.63	18.54	19.30
		75	0	18.58	18.54	18.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.23	23.38	23.18	24.30
		1	50	23.09	23.14	23.09	24.30
		1	99	23.20	23.11	23.16	24.30
		50	0	22.18	22.28	22.22	23.30
		50	25	22.20	22.20	22.19	23.30
		50	50	22.13	22.23	22.13	23.30
		100	0	22.18	22.30	22.28	23.30
	16QAM	1	0	22.31	22.29	22.22	23.30
		1	50	22.35	22.19	22.37	23.30
		1	99	22.24	22.26	22.27	23.30
		50	0	21.30	21.32	21.41	22.30
		50	25	21.35	21.31	21.32	22.30
		50	50	21.28	21.34	21.35	22.30
		100	0	21.30	21.41	21.37	22.30
	64QAM	1	0	21.33	21.40	21.33	22.30
		1	50	21.30	21.35	21.35	22.30
		1	99	21.39	21.33	21.35	22.30
		50	0	20.39	20.45	20.47	21.30
		50	25	20.47	20.34	20.39	21.30
		50	50	20.44	20.36	20.43	21.30
		100	0	20.43	20.38	20.35	21.30
	256QAM	1	0	18.61	18.59	18.52	19.30
		1	50	18.64	18.45	18.54	19.30
		1	99	18.60	18.57	18.57	19.30
		50	0	18.54	18.53	18.55	19.30
		50	25	18.65	18.60	18.58	19.30
		50	50	18.55	18.58	18.55	19.30
		100	0	18.64	18.59	18.57	19.30

LTE Band 66 Ant3 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.51	23.55	23.42	24.30
		1	2	23.39	23.39	23.36	24.30
		1	5	23.54	23.41	23.40	24.30
		3	0	23.59	23.62	23.48	24.30
		3	1	23.51	23.52	23.45	24.30
		3	3	23.58	23.45	23.51	24.30
		6	0	22.51	22.49	22.49	23.30
	16QAM	1	0	22.68	22.52	22.49	23.30

		1	2	22.59	22.52	22.58	23.30
		1	5	22.56	22.48	22.52	23.30
		3	0	22.54	22.42	22.56	23.30
		3	1	22.46	22.53	22.50	23.30
		3	3	22.61	22.50	22.58	23.30
		6	0	21.67	21.61	21.58	22.30
	64QAM	1	0	21.67	21.67	21.68	22.30
		1	2	21.53	21.71	21.70	22.30
		1	5	21.68	21.67	21.72	22.30
		3	0	21.62	21.62	21.67	22.30
		3	1	21.65	21.59	21.58	22.30
		3	3	21.70	21.65	21.62	22.30
		6	0	20.68	20.68	20.75	21.30
	256QAM	1	0	18.93	18.83	18.88	19.30
		1	2	18.82	18.86	18.89	19.30
		1	5	18.88	18.85	18.85	19.30
		3	0	18.86	18.88	18.89	19.30
		3	1	18.86	18.80	18.86	19.30
		3	3	18.81	18.92	18.86	19.30
		6	0	18.89	18.82	18.84	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	23.51	23.57	23.48	24.30
		1	7	23.48	23.49	23.42	24.30
		1	14	23.46	23.42	23.42	24.30
		8	0	22.51	22.48	22.48	23.30
		8	4	22.49	22.55	22.58	23.30
		8	7	22.63	22.56	22.65	23.30
		15	0	22.59	22.35	22.47	23.30
	16QAM	1	0	22.69	22.62	22.51	23.30
		1	7	22.68	22.63	22.63	23.30
		1	14	22.61	22.57	22.50	23.30
		8	0	21.58	21.67	21.70	22.30
		8	4	21.58	21.64	21.62	22.30
		8	7	21.68	21.58	21.62	22.30
		15	0	21.72	21.64	21.55	22.30
	64QAM	1	0	21.60	21.72	21.55	22.30
		1	7	21.55	21.62	21.72	22.30
		1	14	21.67	21.60	21.65	22.30
		8	0	20.73	20.75	20.84	21.30
		8	4	20.72	20.72	20.73	21.30
		8	7	20.72	20.67	20.69	21.30
		15	0	20.76	20.65	20.70	21.30
	256QAM	1	0	18.80	18.87	18.84	19.30
		1	7	18.88	18.88	18.85	19.30
		1	14	18.80	18.83	18.90	19.30
		8	0	18.84	18.82	18.91	19.30
		8	4	18.91	18.86	18.85	19.30
		8	7	18.84	18.93	18.89	19.30
		15	0	18.77	18.83	18.85	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				131997	132322	132647	
5MHz	QPSK	1	0	23.50	23.48	23.44	24.30
		1	13	23.37	23.44	23.32	24.30
		1	24	23.46	23.46	23.41	24.30
		12	0	22.54	22.42	22.55	23.30
		12	6	22.46	22.50	22.55	23.30
		12	13	22.57	22.54	22.60	23.30
		25	0	22.54	22.50	22.51	23.30
	16QAM	1	0	22.60	22.67	22.50	23.30
		1	13	22.65	22.54	22.63	23.30
		1	24	22.52	22.57	22.54	23.30
		12	0	21.62	21.59	21.65	22.30
		12	6	21.62	21.69	21.56	22.30
		12	13	21.59	21.68	21.58	22.30
		25	0	21.66	21.62	21.60	22.30
	64QAM	1	0	21.56	21.76	21.69	22.30
		1	13	21.64	21.64	21.59	22.30
		1	24	21.56	21.62	21.61	22.30
		12	0	20.68	20.73	20.76	21.30
		12	6	20.75	20.73	20.77	21.30
		12	13	20.80	20.77	20.74	21.30
		25	0	20.74	20.77	20.78	21.30
	256QAM	1	0	18.95	18.85	18.86	19.30
		1	13	18.81	18.85	18.80	19.30
		1	24	18.88	18.85	18.85	19.30
		12	0	18.89	18.83	18.88	19.30
		12	6	18.84	18.92	18.86	19.30
		12	13	18.84	18.94	18.83	19.30
		25	0	18.90	18.93	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	23.44	23.52	23.49	24.30
		1	25	23.49	23.35	23.38	24.30
		1	49	23.52	23.46	23.45	24.30
		25	0	22.46	22.56	22.55	23.30
		25	13	22.44	22.44	22.60	23.30
		25	25	22.61	22.64	22.63	23.30
		50	0	22.51	22.48	22.58	23.30
	16QAM	1	0	22.54	22.56	22.54	23.30
		1	25	22.55	22.58	22.61	23.30
		1	49	22.48	22.58	22.58	23.30
		25	0	21.60	21.60	21.71	22.30
		25	13	21.67	21.65	21.54	22.30
		25	25	21.59	21.70	21.69	22.30
		50	0	21.62	21.61	21.67	22.30
	64QAM	1	0	21.65	21.63	21.65	22.30
		1	25	21.62	21.74	21.64	22.30
		1	49	21.62	21.57	21.62	22.30
		25	0	20.73	20.74	20.76	21.30
		25	13	20.82	20.72	20.70	21.30
		25	25	20.68	20.72	20.68	21.30

		50	0	20.78	20.76	20.63	21.30
	256QAM	1	0	18.86	18.85	18.93	19.30
		1	25	18.89	18.86	18.89	19.30
		1	49	18.87	18.94	18.80	19.30
		25	0	18.92	18.83	18.80	19.30
		25	13	18.93	18.78	18.78	19.30
		25	25	18.93	18.77	18.86	19.30
		50	0	18.82	18.84	18.88	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.55	23.56	23.52	24.30
		1	38	23.40	23.44	23.38	24.30
		1	74	23.42	23.46	23.53	24.30
		36	0	22.47	22.41	22.51	23.30
		36	18	22.50	22.54	22.50	23.30
		36	39	22.59	22.51	22.57	23.30
		75	0	22.46	22.46	22.49	23.30
	16QAM	1	0	22.66	22.67	22.46	23.30
		1	38	22.58	22.54	22.56	23.30
		1	74	22.57	22.55	22.61	23.30
		36	0	21.54	21.58	21.68	22.30
		36	18	21.65	21.62	21.64	22.30
		36	39	21.73	21.65	21.56	22.30
		75	0	21.67	21.69	21.68	22.30
	64QAM	1	0	21.59	21.72	21.61	22.30
		1	38	21.65	21.71	21.67	22.30
		1	74	21.65	21.68	21.74	22.30
		36	0	20.74	20.70	20.83	21.30
		36	18	20.82	20.67	20.69	21.30
		36	39	20.77	20.68	20.70	21.30
		75	0	20.74	20.76	20.74	21.30
	256QAM	1	0	18.87	18.79	18.81	19.30
		1	38	18.89	18.90	18.83	19.30
		1	74	18.85	18.82	18.83	19.30
		36	0	18.82	18.86	18.89	19.30
		36	18	18.84	18.94	18.94	19.30
		36	39	18.84	18.84	18.82	19.30
		75	0	18.92	18.85	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.51	23.63	23.50	24.30
		1	50	23.50	23.36	23.48	24.30
		1	99	23.46	23.49	23.43	24.30
		50	0	22.54	22.60	22.57	23.30
		50	25	22.52	22.53	22.43	23.30
		50	50	22.50	22.61	22.49	23.30
		100	0	22.46	22.56	22.51	23.30
	16QAM	1	0	22.54	22.58	22.53	23.30
		1	50	22.53	22.60	22.54	23.30
		1	99	22.49	22.49	22.56	23.30
		50	0	21.54	21.64	21.71	22.30

		50	25	21.60	21.72	21.62	22.30
		50	50	21.62	21.71	21.65	22.30
		100	0	21.64	21.69	21.61	22.30
	64QAM	1	0	21.68	21.64	21.67	22.30
		1	50	21.58	21.71	21.74	22.30
		1	99	21.59	21.66	21.58	22.30
		50	0	20.69	20.73	20.76	21.30
		50	25	20.75	20.65	20.78	21.30
		50	50	20.66	20.73	20.69	21.30
		100	0	20.65	20.74	20.70	21.30
	256QAM	1	0	18.93	18.87	18.95	19.30
		1	50	18.91	18.85	18.81	19.30
		1	99	18.92	18.93	18.82	19.30
		50	0	18.80	18.76	18.87	19.30
		50	25	18.81	18.89	18.84	19.30
		50	50	18.80	18.86	18.76	19.30
		100	0	18.81	18.95	18.92	19.30

LTE Band 66 Ant3 Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	20.37	20.49	20.33	20.80
		1	2	20.26	20.21	20.22	20.80
		1	5	20.34	20.27	20.23	20.80
		3	0	20.40	20.36	20.18	20.80
		3	1	20.24	20.26	20.17	20.80
		3	3	20.25	20.37	20.25	20.80
		6	0	20.28	20.33	20.15	20.80
	16QAM	1	0	20.32	20.22	20.18	20.80
		1	2	20.31	20.40	20.16	20.80
		1	5	20.29	20.32	20.12	20.80
		3	0	20.33	20.33	20.15	20.80
		3	1	20.28	20.30	20.25	20.80
		3	3	20.22	20.11	20.16	20.80
		6	0	20.36	20.27	20.20	20.80
	64QAM	1	0	20.28	20.23	20.17	20.80
		1	2	20.32	20.37	20.28	20.80
		1	5	20.34	20.23	20.18	20.80
		3	0	20.17	20.26	20.13	20.80
		3	1	20.17	20.45	20.21	20.80
		3	3	20.30	20.24	20.42	20.80
		6	0	20.30	20.28	20.24	20.80
	256QAM	1	0	18.89	18.78	18.76	19.30
		1	2	18.73	18.71	18.78	19.30
		1	5	18.78	18.69	18.74	19.30
		3	0	18.74	18.81	18.80	19.30
		3	1	18.78	18.73	18.69	19.30
		3	3	18.87	18.77	18.77	19.30

		6	0	18.89	18.84	18.81	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	20.42	20.48	20.39	20.80
		1	7	20.25	20.30	20.31	20.80
		1	14	20.28	20.23	20.24	20.80
		8	0	20.32	20.44	20.23	20.80
		8	4	20.29	20.25	20.26	20.80
		8	7	20.33	20.36	20.26	20.80
		15	0	20.40	20.27	20.11	20.80
	16QAM	1	0	20.27	20.09	20.26	20.80
		1	7	20.34	20.28	20.16	20.80
		1	14	20.29	20.34	20.09	20.80
		8	0	20.28	20.33	20.25	20.80
		8	4	20.26	20.26	20.29	20.80
		8	7	20.20	20.12	20.20	20.80
		15	0	20.24	20.24	20.15	20.80
	64QAM	1	0	20.30	20.28	20.26	20.80
		1	7	20.32	20.38	20.17	20.80
		1	14	20.41	20.15	20.24	20.80
		8	0	20.30	20.31	20.15	20.80
		8	4	20.18	20.46	20.20	20.80
		8	7	20.22	20.21	20.36	20.80
		15	0	20.38	20.24	20.18	20.80
	256QAM	1	0	18.88	18.83	18.71	19.30
		1	7	18.69	18.73	18.68	19.30
		1	14	18.80	18.75	18.79	19.30
		8	0	18.70	18.82	18.88	19.30
		8	4	18.81	18.64	18.74	19.30
		8	7	18.74	18.73	18.73	19.30
		15	0	18.87	18.87	18.82	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	20.31	20.38	20.41	20.80
		1	13	20.24	20.21	20.23	20.80
		1	24	20.36	20.24	20.23	20.80
		12	0	20.26	20.36	20.15	20.80
		12	6	20.31	20.35	20.20	20.80
		12	13	20.39	20.36	20.24	20.80
		25	0	20.27	20.26	20.21	20.80
	16QAM	1	0	20.26	20.08	20.30	20.80
		1	13	20.34	20.33	20.21	20.80
		1	24	20.27	20.41	20.12	20.80
		12	0	20.31	20.28	20.25	20.80
		12	6	20.29	20.24	20.35	20.80
		12	13	20.16	20.24	20.21	20.80
		25	0	20.30	20.20	20.19	20.80
	64QAM	1	0	20.24	20.23	20.16	20.80
		1	13	20.26	20.41	20.24	20.80
		1	24	20.37	20.24	20.14	20.80
		12	0	20.28	20.34	20.22	20.80

		12	6	20.22	20.35	20.14	20.80
		12	13	20.21	20.31	20.34	20.80
		25	0	20.33	20.26	20.16	20.80
	256QAM	1	0	18.79	18.82	18.77	19.30
		1	13	18.73	18.77	18.73	19.30
		1	24	18.80	18.81	18.73	19.30
		12	0	18.80	18.69	18.89	19.30
		12	6	18.77	18.71	18.73	19.30
		12	13	18.79	18.71	18.83	19.30
		25	0	18.87	18.86	18.79	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	20.40	20.47	20.44	20.80
		1	25	20.24	20.19	20.26	20.80
		1	49	20.27	20.30	20.25	20.80
		25	0	20.32	20.42	20.23	20.80
		25	13	20.28	20.28	20.23	20.80
		25	25	20.27	20.37	20.19	20.80
		50	0	20.29	20.35	20.16	20.80
	16QAM	1	0	20.25	20.18	20.31	20.80
		1	25	20.38	20.36	20.20	20.80
		1	49	20.37	20.40	20.07	20.80
		25	0	20.39	20.27	20.23	20.80
		25	13	20.20	20.19	20.38	20.80
		25	25	20.20	20.12	20.19	20.80
		50	0	20.32	20.27	20.20	20.80
	64QAM	1	0	20.32	20.25	20.18	20.80
		1	25	20.37	20.37	20.25	20.80
		1	49	20.43	20.25	20.15	20.80
		25	0	20.28	20.26	20.20	20.80
		25	13	20.12	20.35	20.12	20.80
		25	25	20.29	20.34	20.34	20.80
		50	0	20.29	20.23	20.15	20.80
	256QAM	1	0	18.81	18.74	18.75	19.30
		1	25	18.68	18.77	18.68	19.30
		1	49	18.84	18.80	18.85	19.30
		25	0	18.84	18.80	18.83	19.30
		25	13	18.87	18.67	18.69	19.30
		25	25	18.85	18.64	18.78	19.30
		50	0	18.82	18.85	18.88	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	20.39	20.40	20.39	20.80
		1	38	20.32	20.26	20.21	20.80
		1	74	20.30	20.22	20.33	20.80
		36	0	20.26	20.32	20.19	20.80
		36	18	20.35	20.27	20.18	20.80
		36	39	20.36	20.28	20.22	20.80
		75	0	20.28	20.29	20.13	20.80
	16QAM	1	0	20.28	20.21	20.20	20.80
		1	38	20.32	20.40	20.22	20.80

		1	74	20.36	20.30	20.20	20.80
		36	0	20.29	20.29	20.26	20.80
		36	18	20.18	20.18	20.31	20.80
		36	39	20.17	20.25	20.12	20.80
		75	0	20.32	20.33	20.17	20.80
	64QAM	1	0	20.29	20.27	20.22	20.80
		1	38	20.28	20.35	20.30	20.80
		1	74	20.35	20.28	20.21	20.80
		36	0	20.16	20.22	20.15	20.80
		36	18	20.20	20.39	20.12	20.80
		36	39	20.19	20.28	20.36	20.80
		75	0	20.33	20.25	20.21	20.80
	256QAM	1	0	18.89	18.71	18.73	19.30
		1	38	18.71	18.74	18.74	19.30
		1	74	18.76	18.70	18.86	19.30
		36	0	18.75	18.78	18.90	19.30
		36	18	18.85	18.74	18.79	19.30
		36	39	18.79	18.67	18.75	19.30
		75	0	18.81	18.79	18.79	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	20.45	20.51	20.46	20.80
		1	50	20.29	20.29	20.26	20.80
		1	99	20.26	20.25	20.26	20.80
		50	0	20.32	20.42	20.37	20.80
		50	25	20.25	20.26	20.27	20.80
		50	50	20.27	20.30	20.32	20.80
		100	0	20.33	20.38	20.14	20.80
	16QAM	1	0	20.19	20.08	20.20	20.80
		1	50	20.40	20.42	20.17	20.80
		1	99	20.29	20.42	20.12	20.80
		50	0	20.29	20.39	20.22	20.80
		50	25	20.28	20.26	20.25	20.80
		50	50	20.15	20.16	20.13	20.80
		100	0	20.36	20.18	20.21	20.80
	64QAM	1	0	20.21	20.33	20.28	20.80
		1	50	20.25	20.33	20.24	20.80
		1	99	20.29	20.18	20.23	20.80
		50	0	20.17	20.30	20.18	20.80
		50	25	20.17	20.40	20.16	20.80
		50	50	20.22	20.30	20.34	20.80
		100	0	20.41	20.25	20.25	20.80
	256QAM	1	0	18.86	18.83	18.79	19.30
		1	50	18.75	18.74	18.78	19.30
		1	99	18.72	18.82	18.79	19.30
		50	0	18.73	18.71	18.85	19.30
		50	25	18.84	18.66	18.79	19.30
		50	50	18.89	18.74	18.79	19.30
		100	0	18.87	18.75	18.87	19.30

LTE Band 66 Ant3 Hotspot on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	22.36	22.57	22.51	23.30
		1	2	22.51	22.53	22.35	23.30
		1	5	22.43	22.47	22.49	23.30
		3	0	22.43	22.47	22.35	23.30
		3	1	22.43	22.37	22.41	23.30
		3	3	22.42	22.53	22.28	23.30
		6	0	22.42	22.35	22.45	23.30
	16QAM	1	0	22.23	22.56	22.47	23.30
		1	2	22.31	22.40	22.28	23.30
		1	5	22.33	22.32	22.37	23.30
		3	0	22.35	22.56	22.21	23.30
		3	1	22.34	22.38	22.47	23.30
		3	3	22.12	22.40	22.24	23.30
		6	0	21.45	21.34	21.39	22.30
	64QAM	1	0	21.37	21.40	21.57	22.30
		1	2	21.46	21.59	21.37	22.30
		1	5	21.44	21.35	21.33	22.30
		3	0	21.08	21.30	21.25	22.30
		3	1	21.33	21.26	21.39	22.30
		3	3	21.22	21.39	21.31	22.30
		6	0	20.25	20.42	20.41	21.30
	256QAM	1	0	18.32	18.34	18.43	19.30
		1	2	18.18	18.50	18.30	19.30
		1	5	18.50	18.60	18.52	19.30
		3	0	18.29	18.47	18.52	19.30
		3	1	18.48	18.42	18.39	19.30
		3	3	18.37	18.27	18.27	19.30
		6	0	18.39	18.37	18.45	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	22.47	22.42	22.56	23.30
		1	7	22.50	22.40	22.41	23.30
		1	14	22.34	22.42	22.36	23.30
		8	0	22.44	22.51	22.34	23.30
		8	4	22.32	22.27	22.40	23.30
		8	7	22.32	22.51	22.42	23.30
		15	0	22.51	22.50	22.29	23.30
	16QAM	1	0	22.20	22.51	22.41	23.30
		1	7	22.25	22.30	22.29	23.30
		1	14	22.23	22.50	22.39	23.30
		8	0	21.35	21.45	21.37	22.30
		8	4	21.46	21.53	21.51	22.30
		8	7	21.36	21.32	21.36	22.30
		15	0	21.34	21.39	21.40	22.30
	64QAM	1	0	21.36	21.52	21.46	22.30

		1	7	21.41	21.57	21.33	22.30
		1	14	21.27	21.34	21.39	22.30
		8	0	20.20	20.27	20.37	21.30
		8	4	20.46	20.25	20.39	21.30
		8	7	20.34	20.48	20.54	21.30
		15	0	20.42	20.50	20.46	21.30
	256QAM	1	0	18.44	18.37	18.31	19.30
		1	7	18.26	18.46	18.28	19.30
		1	14	18.32	18.50	18.44	19.30
		8	0	18.42	18.34	18.53	19.30
		8	4	18.33	18.42	18.50	19.30
		8	7	18.34	18.31	18.39	19.30
		15	0	18.35	18.24	18.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	22.45	22.55	22.58	23.30
		1	13	22.36	22.37	22.32	23.30
		1	24	22.29	22.54	22.48	23.30
		12	0	22.38	22.34	22.42	23.30
		12	6	22.47	22.28	22.33	23.30
		12	13	22.31	22.47	22.40	23.30
		25	0	22.34	22.39	22.41	23.30
	16QAM	1	0	22.30	22.52	22.34	23.30
		1	13	22.27	22.27	22.37	23.30
		1	24	22.25	22.37	22.46	23.30
		12	0	21.32	21.54	21.24	22.30
		12	6	21.44	21.51	21.40	22.30
		12	13	21.23	21.39	21.38	22.30
		25	0	21.47	21.28	21.45	22.30
	64QAM	1	0	21.51	21.42	21.53	22.30
		1	13	21.29	21.53	21.43	22.30
		1	24	21.37	21.44	21.50	22.30
		12	0	20.21	20.30	20.28	21.30
		12	6	20.46	20.39	20.39	21.30
		12	13	20.25	20.43	20.39	21.30
		25	0	20.44	20.41	20.41	21.30
	256QAM	1	0	18.41	18.50	18.34	19.30
		1	13	18.26	18.52	18.28	19.30
		1	24	18.36	18.50	18.42	19.30
		12	0	18.37	18.49	18.39	19.30
		12	6	18.36	18.43	18.48	19.30
		12	13	18.24	18.28	18.38	19.30
		25	0	18.42	18.41	18.41	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	22.52	22.60	22.46	23.30
		1	25	22.40	22.42	22.30	23.30
		1	49	22.38	22.44	22.43	23.30
		25	0	22.36	22.50	22.38	23.30
		25	13	22.41	22.31	22.43	23.30
		25	25	22.25	22.43	22.35	23.30

		50	0	22.34	22.49	22.34	23.30
	16QAM	1	0	22.32	22.49	22.49	23.30
		1	25	22.34	22.37	22.37	23.30
		1	49	22.38	22.48	22.41	23.30
		25	0	21.29	21.48	21.31	22.30
		25	13	21.43	21.40	21.44	22.30
		25	25	21.23	21.38	21.40	22.30
		50	0	21.35	21.24	21.52	22.30
	64QAM	1	0	21.38	21.37	21.37	22.30
		1	25	21.46	21.53	21.30	22.30
		1	49	21.41	21.37	21.48	22.30
		25	0	20.30	20.35	20.41	21.30
		25	13	20.43	20.27	20.43	21.30
		25	25	20.35	20.51	20.38	21.30
		50	0	20.39	20.52	20.30	21.30
	256QAM	1	0	18.29	18.43	18.27	19.30
		1	25	18.35	18.46	18.35	19.30
		1	49	18.36	18.50	18.48	19.30
		25	0	18.45	18.32	18.42	19.30
		25	13	18.42	18.39	18.42	19.30
		25	25	18.35	18.32	18.39	19.30
		50	0	18.48	18.43	18.38	19.30

Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	22.47	22.48	22.55	23.30
		1	38	22.43	22.52	22.34	23.30
		1	74	22.30	22.47	22.53	23.30
		36	0	22.48	22.37	22.42	23.30
		36	18	22.40	22.31	22.43	23.30
		36	39	22.26	22.52	22.37	23.30
		75	0	22.49	22.47	22.45	23.30
	16QAM	1	0	22.21	22.53	22.47	23.30
		1	38	22.44	22.26	22.29	23.30
		1	74	22.35	22.37	22.36	23.30
		36	0	21.41	21.60	21.36	22.30
		36	18	21.44	21.49	21.46	22.30
		36	39	21.28	21.32	21.45	22.30
		75	0	21.49	21.27	21.42	22.30
	64QAM	1	0	21.33	21.53	21.40	22.30
		1	38	21.39	21.60	21.34	22.30
		1	74	21.37	21.41	21.50	22.30
		36	0	20.35	20.34	20.35	21.30
		36	18	20.31	20.31	20.49	21.30
		36	39	20.31	20.43	20.55	21.30
		75	0	20.40	20.36	20.27	21.30
	256QAM	1	0	18.28	18.32	18.38	19.30
		1	38	18.29	18.38	18.43	19.30
		1	74	18.44	18.41	18.38	19.30
		36	0	18.46	18.32	18.51	19.30
		36	18	18.38	18.37	18.44	19.30
		36	39	18.31	18.38	18.33	19.30

		75	0	18.47	18.25	18.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	22.54	22.62	22.59	23.30
		1	50	22.51	22.56	22.42	23.30
		1	99	22.44	22.60	22.54	23.30
		50	0	22.50	22.51	22.43	23.30
		50	25	22.51	22.42	22.45	23.30
		50	50	22.43	22.61	22.46	23.30
		100	0	22.52	22.54	22.48	23.30
	16QAM	1	0	22.36	22.56	22.51	23.30
		1	50	22.44	22.46	22.43	23.30
		1	99	22.42	22.52	22.47	23.30
		50	0	21.47	21.60	21.44	22.30
		50	25	21.52	21.53	21.57	22.30
		50	50	21.42	21.51	21.49	22.30
		100	0	21.50	21.43	21.58	22.30
	64QAM	1	0	21.52	21.56	21.57	22.30
		1	50	21.48	21.60	21.45	22.30
		1	99	21.47	21.50	21.53	22.30
		50	0	20.38	20.45	20.47	21.30
		50	25	20.51	20.44	20.57	21.30
		50	50	20.38	20.59	20.56	21.30
		100	0	20.44	20.54	20.46	21.30
	256QAM	1	0	18.46	18.51	18.46	19.30
		1	50	18.37	18.53	18.43	19.30
		1	99	18.50	18.60	18.57	19.30
		50	0	18.46	18.52	18.58	19.30
		50	25	18.49	18.45	18.58	19.30
		50	50	18.39	18.43	18.46	19.30
		100	0	18.50	18.44	18.57	19.30

3.11 Conducted Power of LTE Band 71

LTE Band 71 Ant1 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133247	133447	
5MHz	QPSK	1	0	23.79	23.80	23.70	24.80
		1	13	23.71	23.65	23.66	24.80
		1	24	23.74	23.74	23.75	24.80
		12	0	22.80	22.67	22.77	23.80
		12	6	22.78	22.83	22.76	23.80
		12	13	22.80	22.76	22.85	23.80
		25	0	22.78	22.66	22.74	23.80
	16QAM	1	0	22.88	22.80	22.77	23.80
		1	13	22.80	22.74	22.91	23.80
		1	24	22.85	22.75	22.75	23.80
		12	0	21.80	21.83	21.91	22.80

		12	6	21.86	21.89	21.90	22.80
		12	13	21.90	21.92	21.90	22.80
		25	0	21.92	21.90	21.88	22.80
	64QAM	1	0	21.86	21.90	21.84	22.80
		1	13	21.82	21.91	21.89	22.80
		1	24	21.93	21.92	21.92	22.80
		12	0	20.96	20.95	20.98	21.80
		12	6	21.04	20.91	21.05	21.80
		12	13	20.95	20.96	21.01	21.80
		25	0	20.92	20.98	20.98	21.80
	256QAM	1	0	19.08	19.06	19.15	19.80
		1	13	19.11	19.10	19.06	19.80
		1	24	19.12	19.14	19.11	19.80
		12	0	19.04	19.09	19.09	19.80
		12	6	19.09	19.10	19.14	19.80
		12	13	19.05	19.13	19.07	19.80
		25	0	19.10	19.08	19.10	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 133172	Channel 133272	Channel 133422	Tune up
10MHz	QPSK	1	0	23.71	23.78	23.70	24.80
		1	25	23.72	23.68	23.65	24.80
		1	49	23.77	23.72	23.76	24.80
		25	0	22.79	22.68	22.78	23.80
		25	13	22.72	22.74	22.74	23.80
		25	25	22.84	22.73	22.80	23.80
		50	0	22.82	22.69	22.78	23.80
	16QAM	1	0	22.90	22.86	22.73	23.80
		1	25	22.78	22.76	22.86	23.80
		1	49	22.83	22.82	22.80	23.80
		25	0	21.84	21.86	21.96	22.80
		25	13	21.85	21.94	21.80	22.80
		25	25	21.93	21.86	21.82	22.80
		50	0	21.91	21.86	21.82	22.80
	64QAM	1	0	21.89	21.89	21.82	22.80
		1	25	21.82	21.95	21.90	22.80
		1	49	21.90	21.93	21.89	22.80
		25	0	20.94	20.98	20.97	21.80
		25	13	21.01	20.92	20.99	21.80
		25	25	20.98	21.02	20.95	21.80
		50	0	20.91	20.91	21.02	21.80
	256QAM	1	0	19.12	19.07	19.09	19.80
		1	25	19.13	19.09	19.14	19.80
		1	49	19.06	19.09	19.09	19.80
		25	0	19.13	19.13	19.07	19.80
		25	13	19.04	19.11	19.06	19.80
		25	25	19.08	19.09	19.09	19.80
		50	0	19.04	19.13	19.13	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 133197	Channel 133297	Channel 133397	Tune up
15MHz	QPSK	1	0	23.71	23.73	23.67	24.80
		1	38	23.75	23.64	23.58	24.80

		1	74	23.74	23.67	23.71	24.80
		36	0	22.69	22.74	22.68	23.80
		36	18	22.76	22.79	22.82	23.80
		36	39	22.89	22.77	22.82	23.80
		75	0	22.72	22.62	22.72	23.80
	16QAM	1	0	22.82	22.87	22.77	23.80
		1	38	22.79	22.84	22.85	23.80
		1	74	22.83	22.76	22.79	23.80
		36	0	21.88	21.81	21.97	22.80
		36	18	21.92	21.89	21.89	22.80
		36	39	21.82	21.86	21.91	22.80
		75	0	21.89	21.90	21.85	22.80
	64QAM	1	0	21.87	21.86	21.90	22.80
		1	38	21.80	21.88	21.84	22.80
		1	74	21.85	21.88	21.87	22.80
		36	0	20.90	21.04	21.05	21.80
		36	18	21.04	20.94	20.98	21.80
		36	39	20.96	20.98	21.00	21.80
		75	0	20.95	20.99	20.99	21.80
	256QAM	1	0	19.13	19.12	19.08	19.80
		1	38	19.08	19.13	19.12	19.80
		1	74	19.11	19.04	19.06	19.80
		36	0	19.07	19.10	19.07	19.80
		36	18	19.05	19.07	19.12	19.80
		36	39	19.06	19.08	19.05	19.80
		75	0	19.14	19.09	19.06	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	23.76	23.86	23.79	24.80
		1	50	23.74	23.67	23.67	24.80
		1	99	23.74	23.74	23.73	24.80
		50	0	22.84	22.90	22.81	23.80
		50	25	22.78	22.77	22.73	23.80
		50	50	22.80	22.79	22.80	23.80
		100	0	22.80	22.83	22.76	23.80
	16QAM	1	0	22.88	22.87	22.74	23.80
		1	50	22.85	22.78	22.91	23.80
		1	99	22.81	22.85	22.76	23.80
		50	0	21.82	21.90	21.99	22.80
		50	25	21.92	21.90	21.88	22.80
		50	50	21.92	21.89	21.91	22.80
		100	0	21.90	21.86	21.88	22.80
	64QAM	1	0	21.88	21.89	21.84	22.80
		1	50	21.79	21.93	21.90	22.80
		1	99	21.88	21.86	21.93	22.80
		50	0	20.90	21.03	21.02	21.80
		50	25	21.00	20.92	21.04	21.80
		50	50	21.00	21.02	21.00	21.80
		100	0	20.93	21.02	20.95	21.80
	256QAM	1	0	19.07	19.07	19.10	19.80
		1	50	19.15	19.13	19.10	19.80

		1	99	19.12	19.10	19.09	19.80
		50	0	19.09	19.06	19.13	19.80
		50	25	19.11	19.12	19.04	19.80
		50	50	19.09	19.13	19.04	19.80
		100	0	19.07	19.06	19.13	19.80

4 Conducted Power of 5G NR

4.1 Conducted Power of 5G NR n2

N2 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.56	22.52	22.53	23.10
		1	53	22.62	22.61	22.60	23.10
		1	104	22.59	22.59	22.59	23.10
		50	0	22.04	22.01	22.03	22.10
		50	28	22.60	22.56	22.54	23.10
		50	56	22.05	22.08	22.01	22.10
		100	0	22.10	22.10	22.02	22.10
	DFT-s-OFDM QPSK	1	1	22.64	22.65	22.63	23.10
		1	53	22.60	22.61	22.60	23.10
		1	104	22.53	22.58	22.53	23.10
		50	0	21.47	21.57	21.49	22.10
		50	28	22.55	22.63	22.61	23.10
		50	56	21.49	21.63	21.55	22.10
		100	0	21.72	21.71	21.70	22.10
	DFT-s-OFDM 16QAM	1	1	21.33	21.39	21.31	21.60
	DFT-s-OFDM 64QAM	1	1	19.95	19.94	19.89	20.60
	DFT-s-OFDM 256QAM	1	1	18.55	18.51	18.55	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up
20MHz	CP-OFDM QPSK	1	1	21.05	21.04	21.10	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376000	Channel 380500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.41	22.45	22.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.42	22.43	22.41	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376000	Channel 381500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.47	22.46	22.43	23.10

N2 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up

20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.42	22.48	22.44	23.10
		1	53	22.52	22.50	22.52	23.10
		1	104	22.46	22.50	22.51	23.10
		50	0	22.01	22.07	22.06	22.10
		50	28	22.46	22.51	22.50	23.10
		50	56	21.95	21.93	21.93	22.10
		100	0	22.04	22.00	22.02	22.10
	DFT-s-OFDM QPSK	1	1	22.59	22.56	22.52	23.10
		1	53	22.54	22.58	22.56	23.10
		1	104	22.47	22.44	22.47	23.10
		50	0	21.61	21.63	21.59	22.10
		50	28	22.53	22.53	22.55	23.10
		50	56	21.58	21.56	21.59	22.10
		100	0	21.58	21.61	21.64	22.10
	DFT-s-OFDM 16QAM	1	1	21.24	21.20	21.18	21.60
	DFT-s-OFDM 64QAM	1	1	19.85	19.89	19.82	20.60
	DFT-s-OFDM 256QAM	1	1	18.47	18.45	18.40	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up
20MHz	CP-OFDM QPSK	1	1	21.10	21.05	21.11	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376000	Channel 380500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.37	22.31	22.32	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.38	22.37	22.35	23.10

N2 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376000	Channel 380000	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.37	23.40	23.42	24.30
		1	53	23.46	23.44	23.43	24.30
		1	104	23.43	23.41	23.43	24.30
		50	0	23.00	23.01	23.01	23.30
		50	28	23.44	23.44	23.40	24.30
		50	56	22.93	22.93	22.85	23.30
		100	0	22.96	23.00	22.98	23.30
	DFT-s-OFDM QPSK	1	1	23.50	23.55	23.47	24.30
		1	53	23.51	23.55	23.55	24.30
		1	104	23.42	23.43	23.42	24.30
		50	0	22.50	22.53	22.58	23.30
		50	28	23.47	23.48	23.52	24.30

		50	56	22.52	22.49	22.48	23.30
		100	0	22.58	22.61	22.61	23.30
	DFT-s-OFDM 16QAM	1	1	22.12	22.15	22.19	22.80
	DFT-s-OFDM 64QAM	1	1	20.79	20.74	20.74	21.80
	DFT-s-OFDM 256QAM	1	1	19.35	19.38	19.40	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	22.02	22.05	22.03	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.34	23.28	23.28	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.26	23.27	23.27	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	23.31	23.30	23.32	24.30

N2 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.30	23.33	23.27	24.30
		1	53	23.37	23.33	23.39	24.30
		1	104	23.34	23.35	23.30	24.30
		50	0	22.89	22.85	22.93	23.30
		50	28	23.33	23.29	23.33	24.30
		50	56	22.77	22.79	22.79	23.30
		100	0	22.86	22.85	22.92	23.30
	DFT-s-OFDM QPSK	1	1	23.42	23.44	23.43	24.30
		1	53	23.41	23.42	23.44	24.30
		1	104	23.34	23.28	23.30	24.30
		50	0	22.47	22.47	22.47	23.30
		50	28	23.42	23.43	23.44	24.30
		50	56	22.42	22.37	22.41	23.30
		100	0	22.47	22.49	22.43	23.30
	DFT-s-OFDM 16QAM	1	1	22.04	22.10	22.06	22.80
	DFT-s-OFDM 64QAM	1	1	20.67	20.71	20.68	21.80
	DFT-s-OFDM 256QAM	1	1	19.25	19.32	19.27	19.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	21.88	21.94	21.89	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.22	23.16	23.22	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.23	23.23	23.19	24.30

N2 Ant3 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.46	20.53	20.42	21.30
		1	53	20.21	20.48	20.28	21.30
		1	104	20.29	20.46	20.30	21.30
		50	0	20.17	20.32	20.30	21.30
		50	28	20.44	20.39	20.26	21.30
		50	56	20.30	20.37	20.39	21.30
		100	0	20.31	20.41	20.28	21.30
	DFT-s-OFDM QPSK	1	1	20.48	20.56	20.53	21.30
		1	53	20.29	20.50	20.41	21.30
		1	104	20.45	20.55	20.40	21.30
		50	0	20.30	20.42	20.34	21.30
		50	28	20.47	20.53	20.42	21.30
		50	56	20.35	20.43	20.32	21.30
		100	0	20.35	20.42	20.40	21.30
	DFT-s-OFDM 16QAM	1	1	20.33	20.48	20.37	21.30
	DFT-s-OFDM 64QAM	1	1	20.44	20.40	20.52	21.30
	DFT-s-OFDM 256QAM	1	1	18.93	18.95	18.87	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	20.45	20.54	20.48	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.40	20.41	20.51	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.38	20.49	20.37	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	20.36	20.41	20.44	21.30

N2 Ant3 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.48	20.42	20.37	21.30
		1	53	20.07	20.40	20.21	21.30
		1	104	20.32	20.47	20.21	21.30
		50	0	20.18	20.31	20.34	21.30
		50	28	20.33	20.40	20.22	21.30
		50	56	20.32	20.37	20.26	21.30
		100	0	20.21	20.32	20.27	21.30
	DFT-s-OFDM QPSK	1	1	20.38	20.55	20.43	21.30
		1	53	20.29	20.35	20.28	21.30
		1	104	20.45	20.51	20.26	21.30
		50	0	20.27	20.43	20.38	21.30
		50	28	20.35	20.48	20.46	21.30
		50	56	20.27	20.29	20.29	21.30
		100	0	20.37	20.33	20.42	21.30
	DFT-s-OFDM 16QAM	1	1	20.36	20.43	20.35	21.30
	DFT-s-OFDM 64QAM	1	1	20.29	20.38	20.40	21.30
	DFT-s-OFDM 256QAM	1	1	18.93	18.96	18.88	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	20.48	20.52	20.50	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	20.36	20.39	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	20.43	20.54	20.42	21.30

N2 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.26	22.29	22.22	22.80
		1	53	22.23	22.14	22.26	22.80

		1	104	22.09	22.27	22.10	22.80
		50	0	22.16	22.26	22.17	22.80
		50	28	22.10	22.21	22.10	22.80
		50	56	22.14	22.14	22.22	22.80
		100	0	22.24	22.27	22.24	22.80
	DFT-s-OFDM QPSK	1	1	22.26	22.31	22.29	22.80
		1	53	22.22	22.29	22.22	22.80
		1	104	22.13	22.24	22.14	22.80
		50	0	22.19	22.18	22.15	22.80
		50	28	22.26	22.29	22.27	22.80
		50	56	22.23	22.25	22.25	22.80
		100	0	22.13	22.28	22.22	22.80
	DFT-s-OFDM 16QAM	1	1	22.20	22.12	22.09	22.80
	DFT-s-OFDM 64QAM	1	1	21.17	21.12	21.16	21.80
	DFT-s-OFDM 256QAM	1	1	19.19	19.18	19.15	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	22.14	22.21	22.13	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.23	22.13	22.29	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.07	22.27	22.26	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	22.16	22.12	22.15	22.80

N2 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.25	22.18	22.15	22.80
		1	53	22.06	21.97	22.12	22.80
		1	104	22.06	22.12	21.99	22.80
		50	0	22.07	22.17	22.08	22.80
		50	28	22.09	22.11	21.98	22.80
		50	56	22.14	22.04	22.19	22.80
		100	0	22.09	22.13	22.13	22.80
	DFT-s-OFDM QPSK	1	1	22.20	22.13	22.23	22.80
		1	53	22.17	22.20	22.12	22.80
		1	104	22.01	22.23	22.09	22.80

		50	0	22.17	22.09	22.01	22.80
		50	28	22.16	22.29	22.24	22.80
		50	56	22.06	22.21	22.16	22.80
		100	0	21.96	22.10	22.22	22.80
	DFT-s-OFDM 16QAM	1	1	22.06	21.96	21.91	22.80
	DFT-s-OFDM 64QAM	1	1	21.14	20.95	21.04	21.80
	DFT-s-OFDM 256QAM	1	1	19.15	19.00	19.07	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	22.11	22.15	22.07	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	22.14	22.01	22.13	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	22.02	22.12	22.21	22.80

4.2 Conducted Power of 5G NR n5

N5 Ant1 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.12	24.18	24.13	24.80
		1	53	24.25	24.26	24.23	24.80
		1	104	24.18	24.21	24.16	24.80
		50	0	23.72	23.71	23.72	23.80
		50	28	24.13	24.16	24.18	24.80
		50	56	23.67	23.61	23.63	23.80
		100	0	23.69	23.75	23.72	23.80
	DFT-s-OFDM QPSK	1	1	24.23	24.28	24.27	24.80
		1	53	24.19	24.26	24.19	24.80
		1	104	24.14	24.12	24.18	24.80
		50	0	23.29	23.27	23.28	23.80
		50	28	24.22	24.25	24.24	24.80
		50	56	23.28	23.22	23.27	23.80
		100	0	23.29	23.33	23.31	23.80
	DFT-s-OFDM 16QAM	1	1	22.89	22.94	22.95	23.80
	DFT-s-OFDM 64QAM	1	1	21.50	21.50	21.56	22.30
	DFT-s-OFDM 256QAM	1	1	20.13	20.17	20.14	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349500	Channel 355000	Tune up
20MHz	CP-OFDM QPSK	1	1	22.78	22.74	22.81	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349500	Channel 355500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.08	24.02	24.04	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349500	Channel 356000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.04	24.04	24.01	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349500	Channel 356500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.08	24.04	24.07	24.80

N5 Ant1 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 166800	Channel 167300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.08	24.07	24.06	24.80
		1	53	24.09	24.14	24.13	24.80
		1	104	24.12	24.06	24.09	24.80

		50	0	23.63	23.67	23.65	23.80
		50	28	24.04	24.09	24.10	24.80
		50	56	23.58	23.50	23.51	23.80
		100	0	23.63	23.67	23.62	23.80
	DFT-s-OFDM QPSK	1	1	24.19	24.25	24.19	24.80
		1	53	24.16	24.16	24.10	24.80
		1	104	24.04	24.04	24.06	24.80
		50	0	23.15	23.18	23.21	23.80
		50	28	24.13	24.16	24.10	24.80
		50	56	23.16	23.14	23.13	23.80
		100	0	23.20	23.20	23.25	23.80
	DFT-s-OFDM 16QAM	1	1	22.78	22.84	22.80	23.80
	DFT-s-OFDM 64QAM	1	1	21.43	21.42	21.42	22.30
	DFT-s-OFDM 256QAM	1	1	20.06	20.07	20.00	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	22.64	22.66	22.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	23.95	23.97	23.95	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	23.91	23.94	23.93	24.80

4.3 Conducted Power of 5G NR n25

N25 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.53	22.57	22.52	23.10
		1	108	22.64	22.60	22.61	23.10
		1	214	22.54	22.56	22.58	23.10
		108	0	22.01	22.03	22.06	22.10
		108	54	22.57	22.56	22.60	23.10
		108	108	22.06	22.04	22.04	22.10
		216	0	22.10	22.03	22.03	22.10
	DFT-s-OFDM QPSK	1	1	22.65	22.69	22.63	23.10
		1	108	22.64	22.68	22.67	23.10
		1	214	22.53	22.51	22.53	23.10
		108	0	21.66	21.71	21.68	22.10
		108	54	22.63	22.66	22.61	23.10
		108	108	21.64	21.67	21.62	22.10
		216	0	21.76	21.73	21.69	22.10

	DFT-s-OFDM 16QAM	1	1	21.29	21.29	21.27	21.60
	DFT-s-OFDM 64QAM	1	1	19.94	19.93	19.95	20.60
	DFT-s-OFDM 256QAM	1	1	18.52	18.58	18.55	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 374000	Channel 376500	Channel 379000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.18	21.21	21.14	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 373000	Channel 376500	Channel 380000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.47	22.46	22.43	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 372500	Channel 376500	Channel 380500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.41	22.45	22.46	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.47	22.43	22.43	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.46	22.43	22.45	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376500	Channel 382000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.42	22.43	22.41	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.43	22.48	22.42	23.10

N25 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 374000	Channel 376500	Channel 379000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.42	22.46	22.43	23.10
		1	108	22.53	22.52	22.54	23.10
		1	214	22.48	22.50	22.51	23.10
		108	0	22.06	22.07	22.07	22.10
		108	54	22.51	22.49	22.51	23.10
		108	108	21.92	21.94	21.93	22.10
		216	0	22.01	22.02	22.06	22.10
	DFT-s-OFDM QPSK	1	1	22.56	22.58	22.58	23.10
		1	108	22.60	22.58	22.57	23.10
		1	214	22.47	22.42	22.49	23.10
		108	0	21.59	21.61	21.62	22.10

		108	54	22.53	22.59	22.56	23.10
		108	108	21.57	21.52	21.57	22.10
		216	0	21.65	21.65	21.60	22.10
	DFT-s-OFDM 16QAM	1	1	21.25	21.24	21.22	21.60
	DFT-s-OFDM 64QAM	1	1	19.82	19.81	19.81	20.60
	DFT-s-OFDM 256QAM	1	1	18.45	18.46	18.47	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	21.05	21.04	21.10	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	22.38	22.32	22.33	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	22.35	22.35	22.38	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	22.34	22.38	22.36	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	22.33	22.37	22.32	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	22.37	22.34	22.34	23.10

N25 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.38	23.44	23.40	24.30
		1	108	23.46	23.46	23.47	24.30
		1	214	23.46	23.43	23.44	24.30
		108	0	22.96	22.96	23.00	23.30
		108	54	23.45	23.41	23.41	24.30
		108	108	22.86	22.91	22.92	23.30
		216	0	23.00	22.96	23.02	23.30
	DFT-s-OFDM QPSK	1	1	23.53	23.67	23.54	24.30
		1	108	23.53	23.55	23.51	24.30
		1	214	23.39	23.36	23.43	24.30
		108	0	22.51	22.52	22.53	23.30
		108	54	23.53	23.55	23.54	24.30

		108	108	22.50	22.52	22.51	23.30
		216	0	22.46	22.49	22.43	23.30
	DFT-s-OFDM 16QAM	1	1	22.14	22.20	22.14	22.80
	DFT-s-OFDM 64QAM	1	1	20.79	20.77	20.76	21.80
	DFT-s-OFDM 256QAM	1	1	19.37	19.42	19.39	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	22.01	21.98	22.03	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	23.26	23.30	23.33	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	23.27	23.27	23.32	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	23.29	23.27	23.32	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	23.32	23.27	23.30	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	23.27	23.29	23.31	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	23.29	23.32	23.28	24.30

N25 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.31	23.26	23.29	24.30
		1	108	23.34	23.34	23.39	24.30
		1	214	23.30	23.30	23.35	24.30
		108	0	22.85	22.89	22.87	23.30
		108	54	23.31	23.31	23.29	24.30
		108	108	22.76	22.81	22.76	23.30
		216	0	22.89	22.89	22.92	23.30
	DFT-s-OFDM QPSK	1	1	23.37	23.40	23.40	24.30
		1	108	23.43	23.42	23.39	24.30

		1	214	23.31	23.30	23.34	24.30
		108	0	22.43	22.40	22.41	23.30
		108	54	23.42	23.41	23.38	24.30
		108	108	22.42	22.41	22.41	23.30
		216	0	22.46	22.44	22.44	23.30
	DFT-s-OFDM 16QAM	1	1	22.06	22.07	22.10	22.80
	DFT-s-OFDM 64QAM	1	1	20.66	20.68	20.63	21.80
	DFT-s-OFDM 256QAM	1	1	19.32	19.31	19.29	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	21.90	21.92	21.90	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	23.20	23.16	23.17	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	23.18	23.21	23.23	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	23.19	23.24	23.22	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	23.17	23.17	23.21	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	23.21	23.19	23.23	24.30

N25 Ant3 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.52	20.49	20.45	21.30
		1	108	20.23	20.53	20.36	21.30
		1	214	20.41	20.25	20.35	21.30
		108	0	20.18	20.40	20.47	21.30
		108	54	20.36	20.24	20.34	21.30
		108	108	20.36	20.48	20.45	21.30
		216	0	20.51	20.47	20.35	21.30
	DFT-s-OFDM QPSK	1	1	20.53	20.63	20.57	21.30
		1	108	20.41	20.56	20.47	21.30
		1	214	20.45	20.43	20.53	21.30

		108	0	20.38	20.56	20.55	21.30
		108	54	20.51	20.61	20.54	21.30
		108	108	20.40	20.53	20.52	21.30
		216	0	20.51	20.55	20.47	21.30
	DFT-s-OFDM 16QAM	1	1	20.36	20.42	20.44	21.30
	DFT-s-OFDM 64QAM	1	1	20.46	20.51	20.54	21.30
	DFT-s-OFDM 256QAM	1	1	18.93	19.09	18.99	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	19.03	18.96	18.98	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	20.44	20.51	20.52	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	20.48	20.58	20.45	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	20.49	20.49	20.37	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	20.37	20.54	20.49	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	20.44	20.50	20.43	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	20.34	20.49	20.52	21.30

N25 Ant3 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.46	20.44	20.41	21.30
		1	108	20.22	20.36	20.26	21.30
		1	214	20.33	20.18	20.25	21.30
		108	0	20.18	20.40	20.39	21.30
		108	54	20.22	20.14	20.18	21.30
		108	108	20.21	20.30	20.44	21.30
		216	0	20.44	20.30	20.28	21.30

	DFT-s-OFDM QPSK	1	1	20.41	20.58	20.49	21.30
		1	108	20.30	20.38	20.32	21.30
		1	214	20.26	20.27	20.44	21.30
		108	0	20.26	20.40	20.55	21.30
		108	54	20.29	20.24	20.44	21.30
		108	108	20.27	20.38	20.32	21.30
		216	0	20.51	20.40	20.44	21.30
	DFT-s-OFDM 16QAM	1	1	20.24	20.33	20.30	21.30
	DFT-s-OFDM 64QAM	1	1	20.34	20.49	20.36	21.30
	DFT-s-OFDM 256QAM	1	1	18.73	19.06	18.80	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	19.01	18.86	18.87	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	20.30	20.39	20.50	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	20.38	20.55	20.41	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	20.35	20.49	20.19	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	20.29	20.38	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	20.33	20.30	20.30	21.30

N25 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.91	21.97	21.92	22.80
		1	108	21.88	21.93	22.08	22.80
		1	214	21.97	22.09	22.05	22.80
		108	0	21.92	21.94	21.98	22.80
		108	54	21.85	21.96	22.08	22.80
		108	108	21.86	22.06	21.98	22.80
		216	0	21.93	22.08	22.04	22.80
	DFT-s-OFDM	1	1	22.03	22.14	22.08	22.80

	QPSK	1	108	21.86	22.09	22.05	22.80
		1	214	22.03	22.06	21.99	22.80
		108	0	21.91	21.99	21.93	22.80
		108	54	21.88	22.11	22.02	22.80
		108	108	21.97	22.09	21.93	22.80
		216	0	21.99	22.09	21.93	22.80
	DFT-s-OFDM 16QAM	1	1	22.02	22.07	21.96	22.80
	DFT-s-OFDM 64QAM	1	1	21.02	21.00	20.94	21.80
	DFT-s-OFDM 256QAM	1	1	18.90	18.95	19.01	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	21.95	22.09	22.06	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	22.01	22.04	21.93	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	21.99	21.97	21.91	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	21.93	21.96	21.91	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	21.92	22.02	21.88	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	22.01	21.99	21.99	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	21.88	21.96	22.07	22.80

N25 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.88	21.91	21.84	22.80
		1	108	21.79	21.90	21.93	22.80
		1	214	21.83	22.00	21.98	22.80
		108	0	21.82	21.75	21.90	22.80
		108	54	21.66	21.83	22.00	22.80

		108	108	21.72	22.00	21.95	22.80
		216	0	21.85	21.88	21.90	22.80
	DFT-s-OFDM QPSK	1	1	21.95	22.09	21.91	22.80
		1	108	21.78	22.06	22.00	22.80
		1	214	21.92	21.88	21.88	22.80
		108	0	21.89	21.96	21.92	22.80
		108	54	21.70	21.92	21.96	22.80
		108	108	21.78	22.07	21.84	22.80
		216	0	21.80	22.01	21.92	22.80
	DFT-s-OFDM 16QAM	1	1	21.84	21.95	21.81	22.80
	DFT-s-OFDM 64QAM	1	1	20.85	20.84	20.81	21.80
	DFT-s-OFDM 256QAM	1	1	18.89	18.89	18.88	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				374000	376500	379000	
40MHz	CP-OFDM QPSK	1	1	21.82	22.03	21.93	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				373000	376500	380000	
30MHz	DFT-s-OFDM QPSK	1	1	21.87	21.97	21.88	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372500	376500	380500	
25MHz	DFT-s-OFDM QPSK	1	1	21.83	21.93	21.91	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	DFT-s-OFDM QPSK	1	1	21.88	21.93	21.88	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	21.84	21.99	21.84	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	21.93	21.92	21.80	22.80

4.4 Conducted Power of 5G NR n26

N26 Ant1 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 164800	Channel 166300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.21	24.21	24.19	24.80
		1	53	24.27	24.29	24.28	24.80
		1	104	24.18	24.20	24.24	24.80
		50	0	23.77	23.80	23.76	23.80
		50	28	24.21	24.18	24.20	24.80
		50	56	23.66	23.65	23.63	23.80
		100	0	23.73	23.76	23.76	23.80
	DFT-s-OFDM QPSK	1	1	24.30	24.43	24.32	24.80
		1	53	24.34	24.26	24.29	24.80
		1	104	24.20	24.16	24.16	24.80
		50	0	23.21	23.11	23.13	23.80
		50	28	24.24	24.26	24.21	24.80
		50	56	23.21	23.23	23.25	23.80
		100	0	23.29	23.33	23.31	23.80
	DFT-s-OFDM 16QAM	1	1	22.95	22.96	22.91	23.30
	DFT-s-OFDM 64QAM	1	1	21.58	21.55	21.52	22.30
	DFT-s-OFDM 256QAM	1	1	20.17	20.20	20.19	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 164800	Channel 166300	Channel 167800	Tune up
20MHz	CP-OFDM QPSK	1	1	22.76	22.83	22.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 164300	Channel 166300	Channel 168300	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.09	24.10	24.05	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 163800	Channel 166300	Channel 168800	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.06	24.12	24.08	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 163300	Channel 166300	Channel 169300	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.04	24.10	24.12	24.80

N26 Ant1 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 164800	Channel 166300	Channel 167800	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.06	24.08	24.02	24.80
		1	53	24.11	24.10	24.14	24.80

		1	104	24.10	24.12	24.10	24.80
		50	0	23.66	23.64	23.62	23.80
		50	28	24.07	24.06	24.06	24.80
		50	56	23.51	23.55	23.54	23.80
		100	0	23.60	23.63	23.63	23.80
	DFT-s-OFDM QPSK	1	1	24.13	24.19	24.20	24.80
		1	53	24.17	24.18	24.21	24.80
		1	104	24.08	24.06	24.01	24.80
		50	0	23.16	23.22	23.21	23.80
		50	28	24.13	24.14	24.15	24.80
		50	56	23.16	23.13	23.17	23.80
		100	0	23.21	23.20	23.26	23.80
	DFT-s-OFDM 16QAM	1	1	22.83	22.81	22.81	23.30
	DFT-s-OFDM 64QAM	1	1	21.40	21.39	21.39	22.30
	DFT-s-OFDM 256QAM	1	1	20.01	20.04	20.02	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
20MHz	CP-OFDM QPSK	1	1	22.69	22.69	22.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164300	166300	168300	
15MHz	DFT-s-OFDM QPSK	1	1	23.92	23.96	23.96	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				163800	166300	168800	
10MHz	DFT-s-OFDM QPSK	1	1	23.95	23.93	23.95	24.80

4.5 Conducted Power of 5G NR n30

N30 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		22.06		22.80
		1	26		22.14		22.80
		1	50		22.08		22.80
		25	0		21.56		21.80
		25	14		22.06		22.80
		25	27		21.55		21.80
		50	0		21.51		21.80
	DFT-s-OFDM QPSK	1	1		22.39		22.80
		1	26		22.33		22.80
		1	50		22.23		22.80
		25	0		21.35		21.80
		25	14		22.37		22.80

		25	27		21.33		21.80
		50	0		21.49		21.80
	DFT-s-OFDM 16QAM	1	1		20.78		21.30
	DFT-s-OFDM 64QAM	1	1		19.40		20.30
	DFT-s-OFDM 256QAM	1	1		18.00		18.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		20.69		21.10
Bandwidth	Modulation	RB size	RB offset	Channel 461500	Channel 462000	Channel 462500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1		21.93		22.60

N30 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		22.17		22.80
		1	26		22.19		22.80
		1	50		22.18		22.80
		25	0		21.72		21.80
		25	14		22.16		22.80
		25	27		21.62		21.80
		50	0		21.76		21.80
	DFT-s-OFDM QPSK	1	1		22.24		22.80
		1	26		22.27		22.80
		1	50		22.11		22.80
		25	0		21.27		21.80
		25	14		22.29		22.80
		25	27		21.27		21.80
		50	0		21.30		21.80
	DFT-s-OFDM 16QAM	1	1		20.89		21.30
	DFT-s-OFDM 64QAM	1	1		19.54		20.30
	DFT-s-OFDM 256QAM	1	1		18.11		18.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		20.80		21.10

N30 Ant3 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		16.77		17.30
		1	26		16.89		17.30
		1	50		16.74		17.30
		25	0		16.82		17.30
		25	14		16.83		17.30
		25	27		16.77		17.30
		50	0		16.75		17.30
	DFT-s-OFDM QPSK	1	1		16.91		17.30
		1	26		16.73		17.30
		1	50		16.89		17.30
		25	0		16.73		17.30
		25	14		16.72		17.30
		25	27		16.82		17.30
		50	0		16.71		17.30
	DFT-s-OFDM 16QAM	1	1		16.73		17.30
	DFT-s-OFDM 64QAM	1	1		16.73		17.30
	DFT-s-OFDM 256QAM	1	1		16.74		17.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		16.74		17.30
Bandwidth	Modulation	RB size	RB offset	Channel 461500	Channel 462000	Channel 462500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1		16.88		17.10

N30 Ant3 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		16.74		17.30
		1	26		16.76		17.30
		1	50		16.55		17.30
		25	0		16.67		17.30
		25	14		16.73		17.30
		25	27		16.59		17.30
		50	0		16.71		17.30
	DFT-s-OFDM QPSK	1	1		16.85		17.30
		1	26		16.65		17.30
		1	50		16.83		17.30
		25	0		16.70		17.30
		25	14		16.66		17.30

		25	27		16.64		17.30
		50	0		16.60		17.30
	DFT-s-OFDM 16QAM	1	1		16.69		17.30
	DFT-s-OFDM 64QAM	1	1		16.59		17.30
	DFT-s-OFDM 256QAM	1	1		16.60		17.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		16.61		17.30

N30 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		18.38		18.80
		1	26		18.25		18.80
		1	50		18.30		18.80
		25	0		18.22		18.80
		25	14		18.35		18.80
		25	27		18.39		18.80
		50	0		18.36		18.80
	DFT-s-OFDM QPSK	1	1		18.43		18.80
		1	26		18.39		18.80
		1	50		18.21		18.80
		25	0		18.34		18.80
		25	14		18.40		18.80
		25	27		18.36		18.80
		50	0		18.23		18.80
	DFT-s-OFDM 16QAM	1	1		18.33		18.80
	DFT-s-OFDM 64QAM	1	1		18.36		18.80
	DFT-s-OFDM 256QAM	1	1		18.13		18.30
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		18.20		18.80
Bandwidth	Modulation	RB size	RB offset	Channel 461500	Channel 462000	Channel 462500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1		18.31		18.60

N30 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		18.55		19.00
		1	26		18.28		19.00
		1	50		18.31		19.00
		25	0		18.38		19.00
		25	14		18.48		19.00
		25	27		18.58		19.00
		50	0		18.44		19.00
	DFT-s-OFDM QPSK	1	1		18.52		19.00
		1	26		18.51		19.00
		1	50		18.35		19.00
		25	0		18.43		19.00
		25	14		18.56		19.00
		25	27		18.55		19.00
		50	0		18.37		19.00
	DFT-s-OFDM 16QAM	1	1		18.35		19.00
	DFT-s-OFDM 64QAM	1	1		18.40		19.00
	DFT-s-OFDM 256QAM	1	1		18.26		18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	CP-OFDM QPSK	1	1		18.37		19.00

N30 Ant3 Body-worn&Handheld				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 462000	Channel /	Tune up
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		19.35		19.80
		1	26		19.17		19.80
		1	50		19.19		19.80
		25	0		19.20		19.80
		25	14		19.37		19.80
		25	27		19.19		19.80
		50	0		19.33		19.80
	DFT-s-OFDM QPSK	1	1		19.37		19.80
		1	26		19.32		19.80
		1	50		19.24		19.80
		25	0		19.23		19.80
		25	14		19.29		19.80
		25	27		19.23		19.80
		50	0		19.22		19.80
	DFT-s-OFDM 16QAM	1	1		19.29		19.80

	DFT-s-OFDM 64QAM	1	1		19.25		19.80
	DFT-s-OFDM 256QAM	1	1		18.14		18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1		19.24		19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461500	462000	462500	
5MHz	DFT-s-OFDM QPSK	1	1		19.17		19.80

N30 Ant3 Body-worn&Handheld				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	DFT-s-OFDM PI/2 BPSK	1	1		19.21		19.80
		1	26		19.07		19.80
		1	50		19.13		19.80
		25	0		19.11		19.80
		25	14		19.32		19.80
		25	27		19.08		19.80
		50	0		19.20		19.80
	DFT-s-OFDM QPSK	1	1		19.25		19.80
		1	26		19.22		19.80
		1	50		19.11		19.80
		25	0		19.12		19.80
		25	14		19.23		19.80
		25	27		19.09		19.80
		50	0		19.06		19.80
	DFT-s-OFDM 16QAM	1	1		19.11		19.80
	DFT-s-OFDM 64QAM	1	1		19.16		19.80
	DFT-s-OFDM 256QAM	1	1		18.12		18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	462000	/	
10MHz	CP-OFDM QPSK	1	1		19.08		19.80

4.6 Conducted Power of 5G NR n41

N41 PC3 Ant1 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.23	22.26	22.31	22.80
		1	137	21.88	21.88	21.91	22.80

		1	271	21.60	21.63	21.55	22.80
		135	0	21.21	21.22	21.26	21.80
		135	69	21.99	22.03	22.01	22.80
		135	138	20.90	20.84	20.83	21.80
		270	0	21.04	21.03	21.02	21.80
	DFT-s-OFDM QPSK	1	1	22.21	22.44	22.32	22.80
		1	137	21.86	21.94	21.91	22.80
		1	271	21.61	21.62	21.55	22.80
		135	0	21.20	21.23	21.23	21.80
		135	69	22.05	22.12	22.02	22.80
		135	138	20.82	20.89	20.84	21.80
		270	0	21.11	21.14	21.05	21.80
	DFT-s-OFDM 16QAM	1	1	21.08	21.05	21.11	21.80
	DFT-s-OFDM 64QAM	1	1	19.50	19.57	19.49	20.30
	DFT-s-OFDM 256QAM	1	1	18.04	18.09	18.02	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	21.14	21.15	21.19	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.09	22.14	22.20	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.15	22.14	22.21	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.10	22.17	22.22	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.11	22.20	22.19	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.17	22.17	22.19	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.16	22.15	22.24	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.15	22.18	22.22	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.11	22.15	22.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	22.09	22.13	22.20	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	22.14	22.15	22.22	22.80

N41 PC3 Ant1 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.24	22.24	22.19	22.80
		1	131	22.28	22.20	22.21	22.80
		1	132	22.19	22.15	22.27	22.80
		2	0	21.13	21.24	21.19	21.80
		2	131	22.27	22.24	22.17	22.80
		64	32	21.14	21.26	21.25	21.80
		128	0	21.24	21.18	21.19	21.80
	DFT-s-OFDM QPSK	1	1	22.28	22.31	22.29	22.80
		1	131	22.12	22.30	22.10	22.80
		1	132	22.19	22.30	22.13	22.80
		2	0	21.09	21.14	21.29	21.80
		2	131	22.10	22.15	22.18	22.80
		64	32	21.22	21.17	21.10	21.80
		128	0	21.12	21.27	21.25	21.80
	DFT-s-OFDM 16QAM	1	1	21.08	21.22	21.18	21.80
	DFT-s-OFDM 64QAM	1	1	19.60	19.66	19.65	20.30
	DFT-s-OFDM 256QAM	1	1	17.59	17.69	17.77	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	20.77	20.67	20.61	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.16	22.23	22.19	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.18	22.28	22.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	

20MHz	DFT-s-OFDM QPSK	1	1	22.25	22.25	22.11	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	22.14	22.15	22.18	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	22.21	22.19	22.16	22.80

N41 PC2 Ant1 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.95	24.93	24.99	25.50
		1	137	24.76	24.73	24.72	25.50
		1	271	24.04	24.02	24.04	25.50
		135	0	24.17	24.15	24.21	24.50
		135	69	24.86	24.79	24.87	25.50
		135	138	23.68	23.60	23.65	24.50
		270	0	23.89	23.92	23.91	24.50
	DFT-s-OFDM QPSK	1	1	24.87	25.08	24.98	25.50
		1	137	24.73	24.73	24.77	25.50
		1	271	23.99	24.00	24.05	25.50
		135	0	24.22	24.16	24.15	24.50
		135	69	24.87	24.91	24.83	25.50
		135	138	23.62	23.63	23.67	24.50
		270	0	23.95	23.97	23.91	24.50
	DFT-s-OFDM 16QAM	1	1	23.76	23.74	23.79	24.50
	DFT-s-OFDM 64QAM	1	1	22.72	22.76	22.73	23.00
	DFT-s-OFDM 256QAM	1	1	20.75	20.70	20.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	23.80	23.77	23.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.67	24.69	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.60	24.66	24.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	24.67	24.60	24.71	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.62	24.66	24.66	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.62	24.65	24.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.62	24.66	24.64	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.65	24.62	24.70	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.59	24.63	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.65	24.60	24.70	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	24.67	24.60	24.63	25.50

N41 PC2 Ant1 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.56	24.74	24.56	25.50
		1	131	24.48	24.59	24.65	25.50
		1	132	24.66	24.64	24.65	25.50
		2	0	23.61	23.65	23.54	24.50
		2	131	24.67	24.58	24.65	25.50
		64	32	23.64	23.67	23.62	24.50
		128	0	23.52	23.61	23.55	24.50
	DFT-s-OFDM QPSK	1	1	24.68	24.76	24.71	25.50
		1	131	24.49	24.57	24.60	25.50
		1	132	24.61	24.63	24.67	25.50
		2	0	23.57	23.62	23.53	24.50
		2	131	24.50	24.60	24.66	25.50
		64	32	23.55	23.57	23.67	24.50
		128	0	23.59	23.76	23.55	24.50
	DFT-s-OFDM 16QAM	1	1	23.67	23.59	23.52	24.50
	DFT-s-OFDM 64QAM	1	1	22.18	22.10	22.18	23.00

	DFT-s-OFDM 256QAM	1	1	20.01	20.09	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	CP-OFDM QPSK	1	1	23.01	23.07	23.12	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.57	24.61	24.58	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.56	24.72	24.57	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.63	24.64	24.56	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.59	24.74	24.66	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.54	24.56	24.53	25.50

N41 PC2&3 Ant1 Hotspot on&Body-worn&Handheld				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.63	20.88	20.66	21.80
		1	137	20.62	20.75	20.71	21.80
		1	271	20.58	20.83	20.68	21.80
		135	0	20.66	20.86	20.76	21.80
		135	69	20.69	20.86	20.79	21.80
		135	138	20.62	20.88	20.74	21.80
		270	0	20.67	20.88	20.68	21.80
	DFT-s-OFDM QPSK	1	1	20.78	20.89	20.83	21.80
		1	137	20.68	20.88	20.75	21.80
		1	271	20.67	20.74	20.79	21.80
		135	0	20.59	20.82	20.80	21.80
		135	69	20.73	20.87	20.71	21.80
		135	138	20.74	20.77	20.65	21.80
		270	0	20.74	20.81	20.65	21.80
	DFT-s-OFDM 16QAM	1	1	20.62	20.83	20.78	21.80
	DFT-s-OFDM 64QAM	1	1	19.25	19.33	19.23	20.30
	DFT-s-OFDM 256QAM	1	1	17.27	17.30	17.30	18.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.23	20.38	20.32	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.67	20.85	20.77	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.60	20.82	20.71	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.71	20.82	20.74	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.68	20.86	20.81	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.72	20.78	20.82	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.77	20.79	20.83	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.71	20.71	20.77	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.61	20.72	20.76	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	20.60	20.75	20.79	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	20.67	20.72	20.77	21.80

N41 PC2&3 Ant1 Hotspot on&Body-worn&Handheld				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.61	20.68	20.66	21.80
		1	131	20.56	20.75	20.72	21.80
		1	132	20.54	20.70	20.70	21.80
		2	0	20.55	20.70	20.68	21.80
		2	131	20.65	20.66	20.63	21.80
		64	32	20.55	20.71	20.69	21.80
		128	0	20.55	20.74	20.72	21.80
	DFT-s-OFDM QPSK	1	1	20.73	20.76	20.79	21.80
		1	131	20.64	20.61	20.72	21.80
		1	132	20.57	20.66	20.61	21.80
		2	0	20.63	20.61	20.61	21.80
		2	131	20.72	20.72	20.64	21.80
		64	32	20.54	20.57	20.77	21.80
		128	0	20.61	20.74	20.78	21.80
	DFT-s-OFDM 16QAM	1	1	20.57	20.61	20.71	21.80
	DFT-s-OFDM 64QAM	1	1	19.11	19.19	19.26	20.30
	DFT-s-OFDM 256QAM	1	1	17.11	17.11	17.26	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	CP-OFDM QPSK	1	1	20.14	20.15	20.23	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.61	20.78	20.73	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.59	20.71	20.70	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.56	20.70	20.63	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.71	20.58	20.66	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.54	20.57	20.72	21.80

N41 PC3 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.71	22.67	22.69	23.80
		1	137	22.94	22.94	22.88	23.80
		1	271	22.85	22.89	22.85	23.80
		135	0	21.98	21.97	21.97	22.80
		135	69	23.06	23.04	23.09	23.80
		135	138	22.02	22.04	22.05	22.80
		270	0	21.94	21.99	21.97	22.80
	DFT-s-OFDM QPSK	1	1	22.92	23.18	22.92	23.80
		1	137	22.91	22.91	22.89	23.80
		1	271	22.85	22.87	22.85	23.80
		135	0	21.93	22.00	21.97	22.80
		135	69	23.10	23.13	23.07	23.80
		135	138	22.08	22.04	22.05	22.80
		270	0	21.92	21.95	22.00	22.80
	DFT-s-OFDM 16QAM	1	1	21.89	21.88	21.90	22.80
	DFT-s-OFDM 64QAM	1	1	20.43	20.47	20.46	21.30
	DFT-s-OFDM 256QAM	1	1	18.36	18.39	18.39	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.31	21.36	21.29	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.04	23.07	22.96	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.02	23.02	23.02	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	22.96	23.04	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.99	23.00	23.00	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.97	23.03	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	23.02	23.01	23.01	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.98	23.03	22.99	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.96	23.02	22.99	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.98	23.03	23.00	23.80
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.98	23.04	22.93	23.80

N41 PC3 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.85	22.94	22.93	23.80
		1	131	22.77	22.94	22.85	23.80
		1	132	22.79	23.04	22.93	23.80
		2	0	21.82	22.01	21.99	22.80
		2	131	22.85	23.06	22.96	23.80
		64	32	21.91	22.00	21.90	22.80
		128	0	21.88	21.96	21.80	22.80
	DFT-s-OFDM QPSK	1	1	22.97	23.06	22.99	23.80
		1	131	22.91	22.94	22.83	23.80
		1	132	22.90	22.94	22.88	23.80
		2	0	21.88	21.97	21.97	22.80
		2	131	22.78	23.01	22.83	23.80
		64	32	21.94	21.88	21.82	22.80
		128	0	21.83	21.98	21.89	22.80
	DFT-s-OFDM 16QAM	1	1	21.94	21.94	21.97	22.80
	DFT-s-OFDM 64QAM	1	1	20.33	20.45	20.30	21.30
	DFT-s-OFDM 256QAM	1	1	18.45	18.50	18.36	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	CP-OFDM QPSK	1	1	23.12	23.17	23.15	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.31	23.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.97	22.89	22.84	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.83	22.96	22.85	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	22.78	22.89	22.82	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	22.83	23.04	22.85	23.80

N41 PC2 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.62	25.56	25.61	26.80
		1	137	25.77	25.81	25.77	26.80
		1	271	25.74	25.79	25.78	26.80
		135	0	24.85	24.81	24.82	25.80
		135	69	25.95	25.95	25.94	26.80
		135	138	24.97	24.88	24.91	25.80
		270	0	24.83	24.82	24.86	25.80
	DFT-s-OFDM QPSK	1	1	25.93	25.98	25.80	26.80
		1	137	25.81	25.82	25.79	26.80
		1	271	25.72	25.76	25.75	26.80
		135	0	24.84	24.82	24.84	25.80
		135	69	25.91	25.93	25.92	26.80
		135	138	24.89	24.90	24.90	25.80
		270	0	24.83	24.81	24.84	25.80
	DFT-s-OFDM 16QAM	1	1	24.70	24.78	24.74	25.80
	DFT-s-OFDM 64QAM	1	1	23.29	23.32	23.32	24.30
	DFT-s-OFDM 256QAM	1	1	21.26	21.27	21.28	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	24.21	24.18	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.79	25.86	25.71	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	25.88	25.91	25.71	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	25.86	25.90	25.69	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.83	25.90	25.69	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.87	25.84	25.70	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.80	25.86	25.68	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.80	25.90	25.74	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.84	25.85	25.70	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	25.83	25.90	25.68	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	25.83	25.85	25.70	26.80

N41 PC2 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.92	25.96	25.90	26.80
		1	131	25.92	26.10	25.97	26.80
		1	132	25.92	25.98	25.97	26.80
		2	0	24.86	25.04	24.92	25.80
		2	131	26.00	26.06	25.90	26.80
		64	32	24.83	25.03	24.99	25.80
		128	0	24.97	24.96	24.88	25.80
	DFT-s-OFDM QPSK	1	1	26.01	26.13	26.08	26.80
		1	131	25.85	26.00	25.90	26.80
		1	132	25.97	25.94	25.98	26.80

		2	0	24.94	25.08	24.95	25.80
		2	131	25.98	26.04	26.01	26.80
		64	32	24.92	25.03	24.90	25.80
		128	0	24.91	24.98	25.01	25.80
	DFT-s-OFDM 16QAM	1	1	24.88	25.05	24.93	25.80
	DFT-s-OFDM 64QAM	1	1	23.42	23.58	23.56	24.30
	DFT-s-OFDM 256QAM	1	1	21.42	21.47	21.44	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	23.41	23.55	23.47	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.91	25.93	25.90	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	25.89	26.03	26.04	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	25.84	25.99	25.90	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	25.82	25.97	25.98	26.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	25.87	25.95	26.03	26.80

N41 PC2&3 Ant3 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.15	18.24	18.11	18.80
		1	137	18.09	18.34	18.31	18.80
		1	271	18.09	18.18	18.18	18.80
		135	0	18.06	18.32	18.15	18.80
		135	69	18.10	18.19	18.14	18.80
		135	138	18.05	18.22	18.23	18.80
		270	0	18.23	18.25	18.19	18.80
	DFT-s-OFDM QPSK	1	1	18.24	18.34	18.31	18.80
		1	137	18.17	18.29	18.21	18.80
		1	271	18.18	18.23	18.25	18.80
		135	0	18.16	18.24	18.26	18.80

		135	69	18.08	18.28	18.12	18.80
		135	138	18.15	18.26	18.23	18.80
		270	0	18.14	18.26	18.13	18.80
	DFT-s-OFDM 16QAM	1	1	18.14	18.33	18.14	18.80
	DFT-s-OFDM 64QAM	1	1	18.11	18.21	18.23	18.80
	DFT-s-OFDM 256QAM	1	1	18.05	18.19	18.27	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.19	18.22	18.15	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.16	18.15	18.30	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.08	18.20	18.20	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.24	18.31	18.11	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.22	18.16	18.17	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.16	18.28	18.26	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.10	18.31	18.30	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.20	18.30	18.21	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.10	18.31	18.30	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.17	18.15	18.16	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	

10MHz	DFT-s-OFDM QPSK	1	1	18.23	18.23	18.21	18.80

N41 PC2&3 Ant3 Receiver on&Hotspot on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.96	18.06	17.96	18.80
		1	131	17.96	18.07	17.92	18.80
		1	132	17.94	18.09	17.96	18.80
		2	0	17.90	17.93	18.03	18.80
		2	131	17.86	18.10	17.94	18.80
		64	32	17.97	18.01	17.88	18.80
		128	0	17.86	17.98	18.04	18.80
	DFT-s-OFDM QPSK	1	1	18.03	18.12	18.07	18.80
		1	131	17.87	17.99	18.02	18.80
		1	132	17.97	17.96	18.06	18.80
		2	0	17.98	18.04	17.89	18.80
		2	131	17.97	18.08	17.87	18.80
		64	32	17.90	18.07	17.92	18.80
		128	0	17.95	17.94	18.04	18.80
	DFT-s-OFDM 16QAM	1	1	17.93	18.07	17.93	18.80
	DFT-s-OFDM 64QAM	1	1	17.93	17.95	17.97	18.80
	DFT-s-OFDM 256QAM	1	1	17.90	18.05	17.89	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	CP-OFDM QPSK	1	1	17.98	17.96	17.92	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.91	17.96	17.95	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.03	17.97	17.96	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.03	18.03	18.04	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.91	17.99	17.94	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.94	17.97	18.01	18.80

N41 PC2&3 Ant3 Body-worn&Handheld				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.01	20.03	19.97	20.80
		1	137	20.00	20.10	19.89	20.80
		1	271	20.00	20.10	19.90	20.80
		135	0	20.00	20.05	19.98	20.80
		135	69	19.96	19.98	19.98	20.80
		135	138	19.93	20.10	19.96	20.80
		270	0	19.88	19.97	19.90	20.80
	DFT-s-OFDM QPSK	1	1	20.03	20.11	20.06	20.80
		1	137	19.85	20.02	19.96	20.80
		1	271	19.85	19.97	19.93	20.80
		135	0	19.85	19.95	19.94	20.80
		135	69	19.89	19.99	19.89	20.80
		135	138	19.90	19.92	19.87	20.80
		270	0	19.86	20.07	19.90	20.80
	DFT-s-OFDM 16QAM	1	1	19.90	19.94	19.94	20.80
	DFT-s-OFDM 64QAM	1	1	19.84	20.08	19.94	20.80
	DFT-s-OFDM 256QAM	1	1	18.52	18.54	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.95	19.92	19.99	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.98	19.96	19.94	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.87	20.07	19.97	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	19.83	20.08	19.99	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.99	20.10	20.06	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.90	20.06	20.03	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	

40MHz	DFT-s-OFDM QPSK	1	1	19.99	20.11	20.01	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.93	19.91	20.05	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.84	20.06	19.89	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	19.97	19.94	20.03	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	19.84	20.03	19.91	20.80

N41 PC2&3 Ant3 Body-worn&Handheld				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.85	19.98	19.89	20.80
		1	131	19.83	20.08	20.00	20.80
		1	132	19.86	19.93	19.89	20.80
		2	0	19.89	19.91	19.85	20.80
		2	131	19.79	19.91	19.98	20.80
		64	32	19.79	19.99	19.90	20.80
		128	0	19.97	20.01	19.92	20.80
	DFT-s-OFDM QPSK	1	1	19.97	20.08	20.01	20.80
		1	131	19.85	19.92	19.99	20.80
		1	132	19.87	19.98	19.84	20.80
		2	0	19.95	19.88	20.01	20.80
		2	131	19.82	19.98	19.88	20.80
		64	32	19.93	20.03	20.01	20.80
		128	0	19.95	19.92	20.00	20.80
	DFT-s-OFDM 16QAM	1	1	19.96	19.94	19.90	20.80
	DFT-s-OFDM 64QAM	1	1	19.93	19.97	19.96	20.80
	DFT-s-OFDM 256QAM	1	1	18.45	18.39	18.44	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	19.80	19.91	19.99	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.85	19.93	19.88	20.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.86	19.95	19.83	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.96	20.06	19.99	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	19.80	19.94	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	19.83	20.04	20.00	20.80

N41 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.60	22.25	22.07	22.80
		1	137	22.00	22.25	22.24	22.80
		1	271	22.37	22.32	22.30	22.80
		135	0	21.00	21.22	21.43	21.80
		135	69	22.15	22.34	22.31	22.80
		135	138	21.24	21.45	21.71	21.80
		270	0	21.13	21.33	21.58	21.80
	DFT-s-OFDM QPSK	1	1	22.32	22.49	22.42	22.80
		1	137	22.03	22.19	22.41	22.80
		1	271	22.17	22.25	22.25	22.80
		135	0	21.02	21.21	21.35	21.80
		135	69	22.11	22.27	22.25	22.80
		135	138	21.26	21.45	21.66	21.80
		270	0	21.17	21.31	21.52	21.80
	DFT-s-OFDM 16QAM	1	1	21.15	21.42	21.57	21.80
	DFT-s-OFDM 64QAM	1	1	18.86	18.76	19.02	20.30
	DFT-s-OFDM 256QAM	1	1	17.11	17.30	17.51	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.19	20.37	20.60	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.24	22.38	22.33	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.21	22.40	22.34	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.24	22.40	22.36	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.27	22.42	22.36	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.20	22.39	22.32	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.24	22.42	22.34	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.23	22.43	22.36	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.25	22.43	22.36	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	22.20	22.36	22.34	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	22.22	22.37	22.35	22.80

N41 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.85	22.01	21.99	22.80
		1	131	21.86	21.96	21.86	22.80
		1	132	21.92	22.02	21.94	22.80
		2	0	20.89	21.09	21.01	21.80
		2	131	21.84	22.01	21.93	22.80
		64	32	20.97	21.06	21.02	21.80
		128	0	20.89	21.00	20.92	21.80
	DFT-s-OFDM QPSK	1	1	22.01	22.09	22.04	22.80
		1	131	21.85	22.08	22.01	22.80
		1	132	21.81	21.90	21.86	22.80

		2	0	20.88	21.02	20.92	21.80
		2	131	21.90	22.08	21.92	22.80
		64	32	20.97	20.96	20.94	21.80
		128	0	20.91	21.02	21.03	21.80
	DFT-s-OFDM 16QAM	1	1	20.85	20.98	21.00	21.80
	DFT-s-OFDM 64QAM	1	1	19.37	19.53	19.39	20.30
	DFT-s-OFDM 256QAM	1	1	17.41	17.49	17.39	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	19.36	19.54	19.41	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.97	22.05	21.93	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.95	22.04	21.87	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.85	22.03	21.99	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	21.87	22.06	21.93	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	21.85	21.97	21.84	22.80

N41 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.56	24.63	24.63	25.30
		1	137	24.65	24.70	24.76	25.30
		1	271	24.80	24.84	24.78	25.30
		135	0	23.64	23.87	23.99	24.30
		135	69	24.75	24.73	24.71	25.30
		135	138	23.98	24.20	24.28	24.30
		270	0	23.84	24.02	24.17	24.30
	DFT-s-OFDM QPSK	1	1	24.84	25.06	24.86	25.30
		1	137	24.67	25.04	24.71	25.30
		1	271	24.81	25.01	24.61	25.30
		135	0	23.65	23.86	23.98	24.30

		135	69	24.74	24.92	24.85	25.30
		135	138	23.94	24.14	24.28	24.30
		270	0	23.83	24.06	24.22	24.30
	DFT-s-OFDM 16QAM	1	1	23.35	23.58	23.65	24.30
	DFT-s-OFDM 64QAM	1	1	21.92	22.16	22.32	22.80
	DFT-s-OFDM 256QAM	1	1	19.88	20.05	20.22	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	22.83	22.99	23.16	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.69	24.71	24.67	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.68	24.75	24.69	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	24.68	24.74	24.72	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.70	24.78	24.67	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.71	24.73	24.71	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.72	24.77	24.73	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.69	24.71	24.70	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.66	24.72	24.71	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.72	24.76	24.72	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	

10MHz	DFT-s-OFDM QPSK	1	1	24.69	24.71	24.67	25.30

N41 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.40	24.46	24.43	25.30
		1	131	24.49	24.39	24.51	25.30
		1	132	24.34	24.55	24.48	25.30
		2	0	23.34	23.52	23.40	24.30
		2	131	24.46	24.43	24.44	25.30
		64	32	23.36	23.50	23.48	24.30
		128	0	23.33	23.55	23.44	24.30
	DFT-s-OFDM QPSK	1	1	24.49	24.56	24.53	25.30
		1	131	24.33	24.47	24.48	25.30
		1	132	24.44	24.48	24.36	25.30
		2	0	23.42	23.53	23.38	24.30
		2	131	24.47	24.36	24.52	25.30
		64	32	23.38	23.37	23.49	24.30
		128	0	23.44	23.54	23.50	24.30
	DFT-s-OFDM 16QAM	1	1	23.38	23.40	23.52	24.30
	DFT-s-OFDM 64QAM	1	1	21.91	21.99	21.97	22.80
	DFT-s-OFDM 256QAM	1	1	19.95	20.06	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	CP-OFDM QPSK	1	1	21.90	22.03	21.99	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.48	24.51	24.48	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.47	24.41	24.47	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.38	23.50	23.51	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.46	23.54	23.43	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.43	24.55	24.38	24.30

N41 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.07	22.20	22.19	22.80
		1	137	22.17	22.26	22.28	22.80
		1	271	22.01	22.11	22.14	22.80
		135	0	21.36	21.47	21.46	21.80
		135	69	22.19	22.32	22.36	22.80
		135	138	21.21	21.28	21.28	21.80
		270	0	21.26	21.39	21.42	21.80
	DFT-s-OFDM QPSK	1	1	22.18	22.41	22.32	22.80
		1	137	22.13	22.25	22.26	22.80
		1	271	22.00	22.09	22.07	22.80
		135	0	21.35	21.43	21.40	21.80
		135	69	22.24	22.33	22.31	22.80
		135	138	21.16	21.28	21.32	21.80
		270	0	21.27	21.38	21.37	21.80
	DFT-s-OFDM 16QAM	1	1	21.03	21.17	21.23	21.80
	DFT-s-OFDM 64QAM	1	1	19.12	19.23	19.21	20.30
	DFT-s-OFDM 256QAM	1	1	17.59	17.72	17.71	18.30
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.77	20.87	20.90	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	22.17	22.27	22.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	22.14	22.22	22.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	22.15	22.23	22.26	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.18	22.27	22.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	22.17	22.22	22.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	22.13	22.26	22.21	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.17	22.20	22.25	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.10	22.24	22.21	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	22.13	22.27	22.23	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	22.11	22.24	22.23	22.80

N41 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.80	21.86	21.96	22.80
		1	131	21.86	21.97	21.86	22.80
		1	132	21.83	21.83	21.83	22.80
		2	0	20.84	20.98	20.97	21.80
		2	131	21.84	21.86	22.00	22.80
		64	32	20.79	20.89	20.93	21.80
		128	0	20.92	20.86	20.96	21.80
	DFT-s-OFDM QPSK	1	1	21.97	22.03	22.00	22.80
		1	131	21.92	21.95	21.82	22.80
		1	132	21.94	21.85	21.93	22.80
		2	0	20.95	20.95	20.86	21.80
		2	131	21.81	21.84	21.81	22.80
		64	32	20.90	20.89	20.99	21.80
		128	0	20.83	20.95	20.85	21.80
	DFT-s-OFDM 16QAM	1	1	20.89	20.83	20.82	21.80
	DFT-s-OFDM 64QAM	1	1	19.47	19.51	19.36	20.30
	DFT-s-OFDM 256QAM	1	1	17.32	17.38	17.42	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	20.35	20.36	20.40	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	21.89	21.97	21.92	22.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	21.91	22.02	21.86	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	21.84	22.00	21.85	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	21.97	21.91	21.97	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	21.89	21.94	21.99	22.80

N41 PC2 Ant6 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.86	25.07	25.06	25.80
		1	137	25.05	25.23	25.26	25.80
		1	271	24.72	24.94	24.90	25.80
		135	0	24.08	24.24	24.27	24.80
		135	69	25.06	25.24	25.28	25.80
		135	138	24.02	24.18	24.18	24.80
		270	0	24.09	24.24	24.23	24.80
	DFT-s-OFDM QPSK	1	1	25.05	25.31	25.25	25.80
		1	137	25.03	25.23	25.20	25.80
		1	271	24.76	24.94	24.93	25.80
		135	0	24.01	24.23	24.24	24.80
		135	69	25.10	25.27	25.21	25.80
		135	138	23.98	24.18	24.19	24.80
		270	0	24.07	24.22	24.25	24.80
	DFT-s-OFDM 16QAM	1	1	23.56	23.75	23.73	24.80
	DFT-s-OFDM 64QAM	1	1	22.45	22.66	22.68	23.30
	DFT-s-OFDM 256QAM	1	1	20.46	20.69	20.67	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	23.34	23.54	23.57	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	25.01	25.16	25.21	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.99	25.21	25.17	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	25.02	25.17	25.22	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.01	25.20	25.21	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.03	25.22	25.19	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	25.02	25.20	25.19	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.99	25.16	25.23	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.99	25.16	25.23	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.98	25.18	25.16	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	24.96	25.18	25.17	25.80

N41 PC2 Ant6 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.84	25.05	24.88	25.80
		1	131	24.93	25.01	24.96	25.80
		1	132	24.86	25.01	24.94	25.80
		2	0	23.91	23.92	23.87	24.80
		2	131	24.91	24.91	24.94	25.80
		64	32	23.94	23.96	23.88	24.80
		128	0	23.82	23.86	23.87	24.80
	DFT-s-OFDM QPSK	1	1	24.97	25.06	25.03	25.80
		1	131	24.92	25.00	25.02	25.80
		1	132	24.78	24.96	24.88	25.80

		2	0	23.87	24.00	24.01	24.80
		2	131	24.80	24.90	24.87	25.80
		64	32	23.79	23.95	24.01	24.80
		128	0	23.89	23.88	23.90	24.80
	DFT-s-OFDM 16QAM	1	1	23.87	24.01	23.99	24.80
	DFT-s-OFDM 64QAM	1	1	22.29	22.51	22.53	23.30
	DFT-s-OFDM 256QAM	1	1	20.29	20.50	20.40	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	23.42	23.45	23.33	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.89	24.93	24.91	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.91	24.89	24.88	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.92	24.89	24.88	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.83	25.01	24.95	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	24.95	24.93	24.86	24.80

4.7 Conducted Power of 5G NR n48

N48 Ant5 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.97	22.98	23.05	23.80
		1	53	23.07	23.07	23.01	23.80
		1	104	22.88	22.84	22.90	23.80
		50	0	22.17	22.13	22.19	22.80
		50	28	23.15	23.25	23.17	23.80
		50	56	22.06	22.12	22.07	22.80
		100	0	22.09	22.17	22.19	22.80
	DFT-s-OFDM QPSK	1	1	23.20	23.40	23.13	23.80
		1	53	23.08	22.97	22.97	23.80
		1	104	22.91	22.88	22.80	23.80
		50	0	22.10	22.00	22.06	22.80

		50	28	23.18	23.21	23.14	23.80
		50	56	22.05	22.16	22.07	22.80
		100	0	22.13	22.15	22.08	22.80
	DFT-s-OFDM 16QAM	1	1	21.63	21.63	21.55	22.30
	DFT-s-OFDM 64QAM	1	1	20.05	20.11	20.09	21.30
	DFT-s-OFDM 256QAM	1	1	18.37	18.31	18.41	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
40MHz	CP-OFDM QPSK	1	1	21.56	21.56	21.54	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	22.95	22.93	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	22.94	22.90	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	22.95	22.96	23.05	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	22.95	22.96	22.97	23.80

N48 Ant5 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.05	22.98	22.92	23.80
		1	53	22.95	22.99	23.04	23.80
		1	104	23.10	23.00	22.97	23.80
		50	0	22.12	21.98	22.05	22.80
		50	28	22.99	23.09	23.05	23.80
		50	56	21.99	21.97	21.92	22.80
		100	0	21.94	22.01	22.06	22.80
	DFT-s-OFDM QPSK	1	1	23.13	23.16	23.11	23.80
		1	53	23.03	23.02	22.94	23.80
		1	104	23.04	23.13	22.93	23.80
		50	0	21.96	22.10	22.02	22.80
		50	28	23.10	23.08	22.94	23.80
		50	56	22.03	22.10	22.05	22.80
		100	0	22.08	22.14	22.08	22.80
	DFT-s-OFDM 16QAM	1	1	21.52	21.56	21.46	22.30
	DFT-s-OFDM 64QAM	1	1	20.57	20.64	20.49	21.30

	DFT-s-OFDM 256QAM	1	1	18.60	18.59	18.61	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				640000	641666	643332	
40MHz	CP-OFDM QPSK	1	1	21.45	21.65	21.48	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	23.04	23.05	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	23.09	23.14	23.08	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	22.96	23.05	22.99	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	23.08	23.12	22.99	23.80

N48 Ant5 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.47	20.59	20.57	21.80
		1	53	20.54	20.54	20.61	21.80
		1	104	20.52	20.50	20.60	21.80
		50	0	20.59	20.54	20.52	21.80
		50	28	20.52	20.58	20.53	21.80
		50	56	20.53	20.61	20.53	21.80
		100	0	20.54	20.62	20.50	21.80
	DFT-s-OFDM QPSK	1	1	20.61	20.68	20.63	21.80
		1	53	20.44	20.49	20.48	21.80
		1	104	20.61	20.60	20.60	21.80
		50	0	20.56	20.65	20.49	21.80
		50	28	20.60	20.65	20.59	21.80
		50	56	20.54	20.55	20.54	21.80
		100	0	20.42	20.60	20.55	21.80
	DFT-s-OFDM 16QAM	1	1	20.43	20.56	20.60	21.80
	DFT-s-OFDM 64QAM	1	1	20.04	20.07	20.03	21.30
	DFT-s-OFDM 256QAM	1	1	18.03	18.08	17.95	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	CP-OFDM QPSK	1	1	20.43	20.56	20.45	21.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	20.51	20.49	20.46	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	
20MHz	DFT-s-OFDM QPSK	1	1	20.53	20.60	20.48	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	20.48	20.56	20.48	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	20.55	20.48	20.62	21.80

N48 Ant5 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.34	20.58	20.55	21.80
		1	53	20.39	20.49	20.41	21.80
		1	104	20.40	20.63	20.54	21.80
		50	0	20.46	20.44	20.54	21.80
		50	28	20.38	20.58	20.50	21.80
		50	56	20.33	20.49	20.51	21.80
		100	0	20.41	20.54	20.43	21.80
	DFT-s-OFDM QPSK	1	1	20.51	20.63	20.57	21.80
		1	53	20.45	20.60	20.54	21.80
		1	104	20.35	20.61	20.42	21.80
		50	0	20.46	20.50	20.40	21.80
		50	28	20.46	20.43	20.51	21.80
		50	56	20.47	20.61	20.42	21.80
		100	0	20.50	20.59	20.43	21.80
	DFT-s-OFDM 16QAM	1	1	20.38	20.55	20.47	21.80
	DFT-s-OFDM 64QAM	1	1	19.94	20.03	19.87	21.30
	DFT-s-OFDM 256QAM	1	1	17.98	17.98	18.02	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638000	641666	645332	
40MHz	CP-OFDM QPSK	1	1	20.49	20.57	20.54	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637668	641666	645666	
30MHz	DFT-s-OFDM QPSK	1	1	20.46	20.50	20.50	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637334	641666	646000	

20MHz	DFT-s-OFDM QPSK	1	1	20.46	20.55	20.55	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637168	641666	646166	
15MHz	DFT-s-OFDM QPSK	1	1	20.49	20.61	20.53	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646332	
10MHz	DFT-s-OFDM QPSK	1	1	20.33	20.52	20.40	21.80

4.8 Conducted Power of 5G NR n66

N66 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.65	22.63	22.64	23.50
		1	108	22.69	22.71	22.72	23.50
		1	214	22.66	22.66	22.68	23.50
		108	0	22.25	22.23	22.21	22.50
		108	54	22.70	22.66	22.65	23.50
		108	108	22.17	22.17	22.15	22.50
		216	0	22.23	22.27	22.21	22.50
	DFT-s-OFDM QPSK	1	1	22.73	22.75	22.75	23.50
		1	108	22.74	22.72	22.75	23.50
		1	214	22.61	22.64	22.67	23.50
		108	0	21.82	21.76	21.81	22.50
		108	54	22.70	22.72	22.74	23.50
		108	108	21.73	21.78	21.73	22.50
		216	0	21.79	21.80	21.80	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.39	21.42	22.00
	DFT-s-OFDM 64QAM	1	1	20.01	20.02	20.01	21.00
	DFT-s-OFDM 256QAM	1	1	18.62	18.61	18.65	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.28	21.29	21.30	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.53	22.58	22.58	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.52	22.58	22.59	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	

15MHz	DFT-s-OFDM QPSK	1	1	22.51	22.51	22.59	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.58	22.54	22.56	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.53	22.59	22.56	23.50

N66 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.58	22.56	22.52	23.50
		1	108	22.58	22.64	22.59	23.50
		1	214	22.57	22.56	22.62	23.50
		108	0	22.16	22.15	22.17	22.50
		108	54	22.59	22.56	22.56	23.50
		108	108	22.06	22.05	22.03	22.50
		216	0	22.14	22.14	22.10	22.50
	DFT-s-OFDM QPSK	1	1	22.70	22.68	22.65	23.50
		1	108	22.63	22.67	22.64	23.50
		1	214	22.58	22.58	22.54	23.50
		108	0	21.68	21.71	21.70	22.50
		108	54	22.70	22.68	22.69	23.50
		108	108	21.68	21.67	21.61	22.50
		216	0	21.76	21.70	21.75	22.50
	DFT-s-OFDM 16QAM	1	1	21.34	21.28	21.33	22.00
	DFT-s-OFDM 64QAM	1	1	19.94	19.90	19.94	21.00
	DFT-s-OFDM 256QAM	1	1	18.50	18.56	18.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.16	21.18	21.18	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.47	22.47	22.47	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.48	22.47	22.44	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.48	22.44	22.47	23.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.41	22.44	22.48	23.50

N66 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.33	23.36	23.32	24.30
		1	108	23.44	23.43	23.39	24.30
		1	214	23.40	23.35	23.34	24.30
		108	0	22.96	22.91	22.93	23.30
		108	54	23.33	23.36	23.36	24.30
		108	108	22.88	22.85	22.86	23.30
		216	0	22.91	22.96	22.90	23.30
	DFT-s-OFDM QPSK	1	1	23.43	23.51	23.44	24.30
		1	108	23.47	23.46	23.44	24.30
		1	214	23.36	23.34	23.33	24.30
		108	0	22.52	22.47	22.50	23.30
		108	54	23.45	23.51	23.50	24.30
		108	108	22.47	22.47	22.47	23.30
		216	0	22.56	22.49	22.50	23.30
	DFT-s-OFDM 16QAM	1	1	22.08	22.08	22.09	22.80
	DFT-s-OFDM 64QAM	1	1	20.69	20.70	20.71	21.80
	DFT-s-OFDM 256QAM	1	1	19.36	19.33	19.31	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.96	21.93	21.95	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.27	23.27	23.23	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.26	23.25	23.23	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.28	23.28	23.26	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.27	23.24	23.25	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.22	23.21	23.21	24.30

N66 Ant3 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.40	20.50	20.38	21.30
		1	108	20.29	20.33	20.38	21.30
		1	214	20.41	20.38	20.36	21.30
		108	0	20.26	20.39	20.27	21.30
		108	54	20.30	20.45	20.32	21.30
		108	108	20.40	20.35	20.39	21.30
		216	0	20.27	20.44	20.34	21.30
	DFT-s-OFDM QPSK	1	1	20.43	20.51	20.47	21.30
		1	108	20.35	20.46	20.47	21.30
		1	214	20.28	20.36	20.39	21.30
		108	0	20.26	20.39	20.28	21.30
		108	54	20.41	20.44	20.40	21.30
		108	108	20.35	20.39	20.41	21.30
		216	0	20.39	20.43	20.39	21.30
	DFT-s-OFDM 16QAM	1	1	20.31	20.37	20.44	21.30
	DFT-s-OFDM 64QAM	1	1	20.26	20.43	20.34	21.30
	DFT-s-OFDM 256QAM	1	1	18.91	18.92	18.83	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.31	20.33	20.36	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.41	20.32	20.28	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.24	20.43	20.42	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.40	20.50	20.29	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.23	20.35	20.28	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up

5MHz	DFT-s-OFDM QPSK	1	1	20.30	20.31	20.46	21.30

N66 Ant3 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.21	20.47	20.19	21.30
		1	108	20.21	20.27	20.26	21.30
		1	214	20.39	20.19	20.19	21.30
		108	0	20.20	20.19	20.25	21.30
		108	54	20.14	20.41	20.14	21.30
		108	108	20.26	20.28	20.25	21.30
		216	0	20.14	20.35	20.29	21.30
	DFT-s-OFDM QPSK	1	1	20.26	20.48	20.41	21.30
		1	108	20.29	20.29	20.29	21.30
		1	214	20.11	20.36	20.33	21.30
		108	0	20.20	20.25	20.10	21.30
		108	54	20.44	20.47	20.38	21.30
		108	108	20.16	20.31	20.25	21.30
		216	0	20.36	20.35	20.26	21.30
	DFT-s-OFDM 16QAM	1	1	20.29	20.33	20.34	21.30
	DFT-s-OFDM 64QAM	1	1	20.23	20.24	20.30	21.30
	DFT-s-OFDM 256QAM	1	1	18.80	18.80	18.77	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.26	20.19	20.18	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.26	20.12	20.08	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.11	20.25	20.41	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.21	20.33	20.18	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.13	20.17	20.27	21.30

N66 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 15kHz							

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.34	22.44	22.40	23.30
		1	108	22.46	22.39	22.49	23.30
		1	214	22.32	22.35	22.38	23.30
		108	0	22.28	22.54	22.41	23.30
		108	54	22.36	22.45	22.37	23.30
		108	108	22.44	22.34	22.46	23.30
		216	0	22.40	22.39	22.45	23.30
	DFT-s-OFDM QPSK	1	1	22.47	22.55	22.51	23.30
		1	108	22.44	22.42	22.48	23.30
		1	214	22.39	22.45	22.31	23.30
		108	0	22.40	22.42	22.40	23.30
		108	54	22.43	22.54	22.43	23.30
		108	108	22.42	22.41	22.41	23.30
		216	0	22.39	22.44	22.35	23.30
	DFT-s-OFDM 16QAM	1	1	21.95	22.00	22.00	22.80
	DFT-s-OFDM 64QAM	1	1	20.79	21.03	20.85	21.80
	DFT-s-OFDM 256QAM	1	1	18.90	18.96	18.84	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.93	21.95	21.97	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.34	22.39	22.34	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.34	22.54	22.40	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.39	22.46	22.45	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.43	22.46	22.39	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	22.47	22.54	22.43	23.30

N66 Ant3 Hotspot on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.25	22.37	22.21	23.30
		1	108	22.29	22.37	22.44	23.30
		1	214	22.17	22.28	22.29	23.30
		108	0	22.15	22.48	22.32	23.30
		108	54	22.29	22.39	22.21	23.30
		108	108	22.28	22.29	22.38	23.30
		216	0	22.26	22.33	22.42	23.30
	DFT-s-OFDM QPSK	1	1	22.29	22.36	22.48	23.30
		1	108	22.26	22.23	22.32	23.30
		1	214	22.26	22.40	22.22	23.30
		108	0	22.38	22.37	22.36	23.30
		108	54	22.26	22.43	22.38	23.30
		108	108	22.36	22.37	22.36	23.30
		216	0	22.31	22.41	22.18	23.30
	DFT-s-OFDM 16QAM	1	1	21.79	21.95	22.00	22.80
	DFT-s-OFDM 64QAM	1	1	20.63	20.98	20.70	21.80
	DFT-s-OFDM 256QAM	1	1	18.82	18.81	18.70	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.84	21.92	21.79	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	22.14	22.32	22.23	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	22.19	22.45	22.40	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	22.36	22.28	22.40	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	22.32	22.39	22.33	23.30

4.9 Conducted Power of 5G NR n70

N70 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.67	22.64	22.64	23.50
		1	40	22.76	22.68	22.72	23.50
		1	77	22.65	22.71	22.65	23.50

		36	0	22.26	22.21	22.24	22.50
		36	22	22.69	22.63	22.65	23.50
		36	43	22.13	22.16	22.12	22.50
		75	0	22.20	22.24	22.23	22.50
	DFT-s-OFDM QPSK	1	1	22.79	22.80	22.79	23.50
		1	40	22.76	22.79	22.77	23.50
		1	77	22.67	22.65	22.65	23.50
		36	0	21.80	21.83	21.75	22.50
		36	22	22.73	22.77	22.74	23.50
		36	43	21.76	21.72	21.72	22.50
		75	0	21.82	21.78	21.80	22.50
	DFT-s-OFDM 16QAM	1	1	21.39	21.37	21.39	22.00
	DFT-s-OFDM 64QAM	1	1	19.98	20.05	19.99	21.00
	DFT-s-OFDM 256QAM	1	1	18.60	18.67	18.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	21.29	21.26	21.27	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	22.54	22.52	22.59	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
5MHz	DFT-s-OFDM QPSK	1	1	22.54	22.53	22.58	23.50

N70 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.52	22.55	22.53	23.50
		1	40	22.65	22.63	22.65	23.50
		1	77	22.60	22.59	22.57	23.50
		36	0	22.10	22.14	22.10	22.50
		36	22	22.58	22.57	22.58	23.50
		36	43	22.07	22.02	22.07	22.50
		75	0	22.13	22.11	22.15	22.50
	DFT-s-OFDM QPSK	1	1	22.65	22.69	22.62	23.50
		1	40	22.65	22.68	22.71	23.50
		1	77	22.52	22.53	22.51	23.50
		36	0	21.71	21.70	21.69	22.50
		36	22	22.67	22.70	22.65	23.50
		36	43	21.61	21.62	21.69	22.50
		75	0	21.73	21.68	21.71	22.50
	DFT-s-OFDM 16QAM	1	1	21.32	21.31	21.31	22.00

	DFT-s-OFDM 64QAM	1	1	19.89	19.89	19.89	21.00
	DFT-s-OFDM 256QAM	1	1	18.52	18.55	18.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	21.16	21.17	21.19	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	22.46	22.42	22.46	23.50

N70 Ant3 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.25	23.25	23.23	24.30
		1	40	23.35	23.30	23.35	24.30
		1	77	23.29	23.25	23.31	24.30
		36	0	22.87	22.86	22.82	23.30
		36	22	23.24	23.31	23.30	24.30
		36	43	22.76	22.73	22.75	23.30
		75	0	22.79	22.82	22.83	23.30
	DFT-s-OFDM QPSK	1	1	23.36	23.38	23.35	24.30
		1	40	23.35	23.34	23.36	24.30
		1	77	23.27	23.23	23.29	24.30
		36	0	22.40	22.35	22.41	23.30
		36	22	23.35	23.38	23.36	24.30
		36	43	22.32	22.32	22.31	23.30
		75	0	22.43	22.44	22.45	23.30
	DFT-s-OFDM 16QAM	1	1	22.04	22.02	22.02	22.80
	DFT-s-OFDM 64QAM	1	1	20.63	20.66	20.61	21.80
	DFT-s-OFDM 256QAM	1	1	19.22	19.24	19.23	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	21.86	21.91	21.86	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	23.13	23.15	23.12	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
5MHz	DFT-s-OFDM QPSK	1	1	23.17	23.14	23.16	24.30

N70 Ant3 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 340500	Channel /	Tune up
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.18	23.14	23.14	24.30
		1	40	23.21	23.21	23.24	24.30
		1	77	23.20	23.15	23.16	24.30
		36	0	22.73	22.73	22.76	23.30
		36	22	23.16	23.19	23.17	24.30
		36	43	22.64	22.62	22.63	23.30
		75	0	22.76	22.72	22.71	23.30
	DFT-s-OFDM QPSK	1	1	23.29	23.23	23.25	24.30
		1	40	23.31	23.28	23.28	24.30
		1	77	23.18	23.12	23.12	24.30
		36	0	22.30	22.30	22.33	23.30
		36	22	23.26	23.25	23.23	24.30
		36	43	22.23	22.21	22.28	23.30
		75	0	22.28	22.30	22.31	23.30
	DFT-s-OFDM 16QAM	1	1	21.93	21.94	21.88	22.80
	DFT-s-OFDM 64QAM	1	1	20.51	20.51	20.50	21.80
	DFT-s-OFDM 256QAM	1	1	19.15	19.10	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 340500	Channel /	Tune up
15MHz	CP-OFDM QPSK	1	1	21.78	21.80	21.75	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 340000	Channel 340500	Channel 341000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.07	23.05	23.09	24.30

N70 Ant3 Receiver on				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 340500	Channel /	Tune up
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.49	21.70	21.59	22.30
		1	40	21.47	21.70	21.58	22.30
		1	77	21.47	21.60	21.61	22.30
		36	0	21.65	21.71	21.68	22.30
		36	22	21.66	21.60	21.64	22.30
		36	43	21.53	21.61	21.58	22.30
		75	0	21.55	21.69	21.65	22.30
	DFT-s-OFDM QPSK	1	1	21.66	21.77	21.71	22.30
		1	40	21.58	21.66	21.56	22.30
		1	77	21.58	21.71	21.56	22.30
		36	0	21.61	21.55	21.52	22.30

		36	22	21.62	21.75	21.56	22.30
		36	43	21.52	21.67	21.53	22.30
		75	0	21.60	21.66	21.61	22.30
	DFT-s-OFDM 16QAM	1	1	21.58	21.61	21.61	22.30
	DFT-s-OFDM 64QAM	1	1	21.02	21.18	21.02	21.80
	DFT-s-OFDM 256QAM	1	1	18.99	19.07	19.03	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	21.56	21.63	21.65	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	21.64	21.59	21.63	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				339500	340500	341500	
5MHz	DFT-s-OFDM QPSK	1	1	21.46	21.72	21.61	22.30

N70 Ant3 Receiver on				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.39	21.56	21.56	22.30
		1	40	21.31	21.61	21.51	22.30
		1	77	21.29	21.45	21.54	22.30
		36	0	21.62	21.60	21.59	22.30
		36	22	21.48	21.52	21.52	22.30
		36	43	21.42	21.61	21.39	22.30
		75	0	21.43	21.61	21.63	22.30
	DFT-s-OFDM QPSK	1	1	21.52	21.56	21.55	22.30
		1	40	21.53	21.59	21.40	22.30
		1	77	21.55	21.68	21.49	22.30
		36	0	21.52	21.42	21.35	22.30
		36	22	21.61	21.62	21.39	22.30
		36	43	21.49	21.48	21.43	22.30
		75	0	21.46	21.65	21.60	22.30
	DFT-s-OFDM 16QAM	1	1	21.47	21.60	21.51	22.30
	DFT-s-OFDM 64QAM	1	1	20.91	21.15	20.93	21.80
	DFT-s-OFDM 256QAM	1	1	18.95	18.91	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	340500	/	
15MHz	CP-OFDM QPSK	1	1	21.44	21.52	21.52	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				340000	340500	341000	
10MHz	DFT-s-OFDM QPSK	1	1	21.49	21.56	21.56	22.30

4.10 Conducted Power of 5G NR n71

N71 Ant1 Full Power				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 134600	Channel 136100	Channel 137600	Tune up
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.86	23.88	23.84	24.80
		1	53	23.92	23.90	23.92	24.80
		1	104	23.84	23.90	23.86	24.80
		50	0	23.44	23.42	23.42	23.80
		50	28	23.85	23.89	23.85	24.80
		50	56	23.35	23.35	23.37	23.80
		100	0	23.40	23.40	23.40	23.80
	DFT-s-OFDM QPSK	1	1	23.96	24.01	24.00	24.80
		1	53	23.95	23.94	23.97	24.80
		1	104	23.81	23.85	23.87	24.80
		50	0	22.96	22.99	23.01	23.80
		50	28	23.98	23.99	23.93	24.80
		50	56	22.95	22.94	22.96	23.80
		100	0	23.04	22.99	22.98	23.80
	DFT-s-OFDM 16QAM	1	1	22.63	22.64	22.63	23.80
	DFT-s-OFDM 64QAM	1	1	21.21	21.26	21.20	22.30
	DFT-s-OFDM 256QAM	1	1	19.85	19.87	19.81	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 134600	Channel 136100	Channel 137600	Tune up
20MHz	CP-OFDM QPSK	1	1	22.50	22.47	22.44	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 134100	Channel 136100	Channel 138100	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.75	23.76	23.71	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 133600	Channel 136100	Channel 138600	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.71	23.76	23.72	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 133100	Channel 136100	Channel 139100	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.76	23.79	23.74	24.80

N71 Ant1 Full Power				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				134600	136100	137600	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.73	23.76	23.74	24.80
		1	53	23.85	23.82	23.85	24.80
		1	104	23.76	23.75	23.79	24.80
		50	0	23.35	23.32	23.37	23.80
		50	28	23.75	23.79	23.76	24.80
		50	56	23.23	23.24	23.25	23.80
		100	0	23.30	23.33	23.31	23.80
	DFT-s-OFDM QPSK	1	1	23.85	23.87	23.84	24.80
		1	53	23.85	23.89	23.90	24.80
		1	104	23.79	23.78	23.73	24.80
		50	0	22.92	22.87	22.89	23.80
		50	28	23.87	23.89	23.88	24.80
		50	56	22.85	22.89	22.87	23.80
		100	0	22.94	22.91	22.92	23.80
	DFT-s-OFDM 16QAM	1	1	22.54	22.49	22.52	23.80
	DFT-s-OFDM 64QAM	1	1	21.08	21.13	21.09	22.30
	DFT-s-OFDM 256QAM	1	1	19.73	19.72	19.75	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134600	136100	137600	
20MHz	CP-OFDM QPSK	1	1	22.36	22.41	22.40	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				134100	136100	138100	
15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.66	23.63	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133600	136100	138600	
10MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.66	24.80

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

N77 PC3 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.15	/	21.80
		1	137	/	21.10	/	21.80
		1	271	/	21.02	/	21.80
		135	0	/	20.22	/	20.80
		135	69	/	21.20	/	21.80
		135	138	/	20.23	/	20.80
		270	0	/	20.28	/	20.80
	DFT-s-OFDM QPSK	1	1	/	21.31	/	21.80
		1	137	/	21.13	/	21.80
		1	271	/	21.01	/	21.80

		135	0	/	20.25	/	20.80
		135	69	/	21.25	/	21.80
		135	138	/	20.22	/	20.80
		270	0	/	20.24	/	20.80
	DFT-s-OFDM 16QAM	1	1	/	19.75	/	20.80
	DFT-s-OFDM 64QAM	1	1	/	18.43	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.66	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.17	21.18	21.17	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.11	21.16	21.14	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.20	21.17	21.20	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.18	21.14	21.19	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.19	21.19	21.13	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.18	21.13	21.19	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.12	21.12	21.13	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	21.12	21.14	21.12	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.17	21.12	21.14	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	21.20	21.12	21.20	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.18	21.12	21.15	21.80

N77 PC3 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.07	20.96	20.94	21.80
		1	131	21.03	21.10	21.07	21.80
		1	132	21.04	21.15	21.03	21.80
		2	0	19.98	20.10	19.95	20.80
		2	131	21.01	21.03	20.96	21.80
		64	32	20.11	20.01	20.06	20.80
		128	0	20.00	20.15	20.07	20.80
	DFT-s-OFDM QPSK	1	1	21.13	21.16	21.14	21.80
		1	131	21.01	20.97	20.95	21.80
		1	132	21.01	21.04	21.08	21.80
		2	0	20.06	20.00	19.97	20.80
		2	131	21.09	21.09	20.95	21.80
		64	32	19.96	20.08	19.97	20.80
		128	0	19.94	20.07	20.00	20.80
	DFT-s-OFDM 16QAM	1	1	20.08	20.07	20.08	20.80
	DFT-s-OFDM 64QAM	1	1	18.51	18.52	18.53	19.30
	DFT-s-OFDM 256QAM	1	1	16.55	16.65	16.58	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	CP-OFDM QPSK	1	1	19.43	19.55	19.51	20.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.00	21.11	21.11	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.08	21.13	20.97	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.94	21.14	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	20.97	21.01	20.98	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.98	20.99	21.10	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.97	21.11	21.02	21.80

N77 PC2 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.98	/	24.30
		1	137	/	23.80	/	24.30
		1	271	/	23.91	/	24.30
		135	0	/	23.10	/	23.30
		135	69	/	24.00	/	24.30
		135	138	/	23.14	/	23.30
		270	0	/	23.20	/	23.30
	DFT-s-OFDM QPSK	1	1	/	24.06	/	24.30
		1	137	/	23.77	/	24.30
		1	271	/	23.98	/	24.30
		135	0	/	23.15	/	23.30
		135	69	/	24.03	/	24.30
		135	138	/	23.15	/	23.30
		270	0	/	23.23	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	23.03	/	23.30
	DFT-s-OFDM 64QAM	1	1	/	21.76	/	21.80
	DFT-s-OFDM 256QAM	1	1	/	19.68	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.66	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.63	23.69	23.67	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.70	23.64	23.69	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	23.63	23.66	23.68	24.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.63	23.69	23.71	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.71	23.63	23.69	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.65	23.67	23.66	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	23.68	23.65	23.72	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	23.66	23.67	23.65	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.68	23.69	23.72	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.67	23.67	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.71	23.68	23.68	24.30

N77 PC2 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.39	23.55	23.50	24.30
		1	131	23.39	23.50	23.40	24.30
		1	132	23.47	23.46	23.48	24.30
		2	0	22.48	22.37	22.52	23.30
		2	131	23.41	23.52	23.41	24.30
		64	32	22.51	22.47	22.47	23.30
		128	0	22.35	22.42	22.38	23.30
	DFT-s-OFDM QPSK	1	1	23.51	23.56	23.53	24.30
		1	131	23.34	23.44	23.44	24.30
		1	132	23.45	23.47	23.38	24.30
		2	0	22.31	22.37	22.51	23.30

		2	131	23.43	23.46	23.40	24.30
		64	32	22.36	22.50	22.38	23.30
		128	0	22.37	22.50	22.52	23.30
	DFT-s-OFDM 16QAM	1	1	22.33	22.52	22.34	23.30
	DFT-s-OFDM 64QAM	1	1	20.98	21.01	20.98	21.80
	DFT-s-OFDM 256QAM	1	1	18.86	18.89	19.01	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	21.96	21.96	21.89	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.50	23.38	23.43	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	23.48	23.46	23.49	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	23.47	23.52	23.45	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.42	23.55	23.42	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	23.50	23.39	23.52	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.32	23.54	23.47	24.30

N77 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.93	/	21.80
		1	137	/	21.13	/	21.80
		1	271	/	21.08	/	21.80
		135	0	/	20.05	/	20.80
		135	69	/	21.14	/	21.80
		135	138	/	20.18	/	20.80
		270	0	/	20.13	/	20.80
	DFT-s-OFDM QPSK	1	1	/	21.23	/	21.80
		1	137	/	21.11	/	21.80

		1	271	/	21.05	/	21.80
		135	0	/	20.07	/	20.80
		135	69	/	21.18	/	21.80
		135	138	/	20.21	/	20.80
		270	0	/	20.15	/	20.80
	DFT-s-OFDM 16QAM	1	1	/	19.85	/	20.80
	DFT-s-OFDM 64QAM	1	1	/	18.38	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	16.43	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.56	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.02	20.97	21.03	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.05	20.99	21.00	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.03	21.06	20.98	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.97	21.05	20.99	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.98	21.06	21.04	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.98	21.04	21.06	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.01	20.99	20.99	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	21.01	21.04	21.05	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.04	21.02	21.04	21.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	21.03	21.02	21.04	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.01	21.04	20.98	21.80

N77 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.00	21.03	20.87	21.80
		1	131	21.00	20.94	21.04	21.80
		1	132	21.00	21.00	21.03	21.80
		2	0	19.94	19.92	19.88	20.80
		2	131	20.90	21.06	20.88	21.80
		64	32	19.92	20.00	19.94	20.80
		128	0	19.84	20.10	19.95	20.80
	DFT-s-OFDM QPSK	1	1	21.03	21.11	21.06	21.80
		1	131	20.87	20.96	20.91	21.80
		1	132	20.90	21.00	20.96	21.80
		2	0	19.85	19.97	19.99	20.80
		2	131	20.92	21.05	21.01	21.80
		64	32	20.02	20.08	19.87	20.80
		128	0	19.94	20.08	19.98	20.80
	DFT-s-OFDM 16QAM	1	1	19.99	20.10	19.90	20.80
	DFT-s-OFDM 64QAM	1	1	18.40	18.42	18.52	19.30
	DFT-s-OFDM 256QAM	1	1	16.48	16.43	16.54	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	19.41	19.61	19.51	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.84	20.94	20.99	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.99	21.01	21.06	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	20.89	20.94	20.95	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.01	21.03	20.97	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.97	20.93	21.03	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.95	21.01	20.87	21.80

N77 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.79	/	24.80
		1	137	/	24.00	/	24.80
		1	271	/	23.94	/	24.80
		135	0	/	22.97	/	23.80
		135	69	/	24.16	/	24.80
		135	138	/	23.15	/	23.80
		270	0	/	23.11	/	23.80
	DFT-s-OFDM QPSK	1	1	/	24.18	/	24.80
		1	137	/	23.99	/	24.80
		1	271	/	23.93	/	24.80
		135	0	/	22.99	/	23.80
		135	69	/	24.11	/	24.80
		135	138	/	23.18	/	23.80
		270	0	/	23.07	/	23.80
	DFT-s-OFDM 16QAM	1	1	/	23.12	/	23.80
	DFT-s-OFDM 64QAM	1	1	/	21.56	/	22.30
	DFT-s-OFDM 256QAM	1	1	/	19.59	/	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.43	/	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.95	23.92	23.91	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.89	23.91	23.86	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	

70MHz	DFT-s-OFDM QPSK	1	1	23.95	23.86	23.94	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.94	23.90	23.92	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.95	23.93	23.87	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.92	23.90	23.88	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.93	23.94	23.89	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.93	23.87	23.91	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.89	23.94	23.91	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.91	23.88	23.92	24.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.92	23.95	23.93	24.80

N77 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.89	23.99	23.98	24.80
		1	131	23.98	23.96	23.85	24.80
		1	132	23.81	23.95	23.99	24.80
		2	0	22.85	22.97	22.95	23.80
		2	131	23.82	24.03	23.97	24.80
		64	32	22.84	22.97	22.97	23.80
		128	0	22.85	23.00	22.82	23.80
	DFT-s-OFDM QPSK	1	1	23.99	24.06	24.02	24.80
		1	131	23.80	24.05	23.91	24.80
		1	132	23.95	24.00	23.89	24.80
		2	0	22.91	22.97	22.99	23.80

		2	131	23.79	23.89	23.90	24.80
		64	32	22.79	22.89	22.86	23.80
		128	0	22.89	22.92	22.96	23.80
	DFT-s-OFDM 16QAM	1	1	22.84	22.94	23.00	23.80
	DFT-s-OFDM 64QAM	1	1	21.47	21.38	21.46	22.30
	DFT-s-OFDM 256QAM	1	1	19.39	19.38	19.47	20.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	22.32	22.37	22.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.90	23.99	23.94	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	23.87	24.05	23.89	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	23.79	24.02	23.98	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.91	24.04	23.98	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	23.90	24.00	23.89	24.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.82	23.90	23.98	24.80

N77 PC3 Ant5 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.89	/	23.80
		1	137	/	23.01	/	23.80
		1	271	/	22.97	/	23.80
		135	0	/	22.06	/	22.80
		135	69	/	23.22	/	23.80
		135	138	/	22.10	/	22.80
		270	0	/	22.05	/	22.80
	DFT-s-OFDM	1	1	/	23.28	/	23.80

	QPSK	1	137	/	23.14	/	23.80
		1	271	/	23.04	/	23.80
		135	0	/	22.03	/	22.80
		135	69	/	23.22	/	23.80
		135	138	/	22.24	/	22.80
		270	0	/	22.20	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	22.07	/	22.80
	DFT-s-OFDM 64QAM	1	1	/	20.59	/	21.30
	DFT-s-OFDM 256QAM	1	1	/	18.53	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.50	/	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.99	22.92	22.94	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.92	22.94	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.94	22.98	22.93	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.98	22.98	22.96	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.97	22.97	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.92	22.97	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	22.94	22.96	22.91	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	22.94	22.94	22.96	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	22.93	22.98	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	22.93	22.99	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.98	22.94	22.95	23.80

N77 PC3 Ant5 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.05	22.98	22.99	23.80
		1	131	22.94	23.06	23.05	23.80
		1	132	23.01	23.11	23.02	23.80
		2	0	21.87	22.02	22.06	22.80
		2	131	23.00	23.11	23.03	23.80
		64	32	21.90	22.10	21.98	22.80
		128	0	21.93	21.99	21.99	22.80
	DFT-s-OFDM QPSK	1	1	23.06	23.14	23.09	23.80
		1	131	22.98	22.96	23.06	23.80
		1	132	22.95	23.05	22.97	23.80
		2	0	21.95	22.13	21.92	22.80
		2	131	22.92	23.02	22.97	23.80
		64	32	21.93	21.97	22.07	22.80
		128	0	21.98	22.04	21.92	22.80
	DFT-s-OFDM 16QAM	1	1	22.02	22.02	21.96	22.80
	DFT-s-OFDM 64QAM	1	1	20.48	20.60	20.51	21.30
	DFT-s-OFDM 256QAM	1	1	18.43	18.52	18.59	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	21.49	21.53	21.49	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.01	22.99	23.06	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	22.91	22.98	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	

25MHz	DFT-s-OFDM QPSK	1	1	22.98	22.99	23.03	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.88	23.03	23.02	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	22.94	23.07	23.04	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.88	23.07	23.00	23.80

N77 PC2 Ant5 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.50	/	27.50
		1	137	/	26.67	/	27.50
		1	271	/	26.60	/	27.50
		135	0	/	25.81	/	26.50
		135	69	/	26.82	/	27.50
		135	138	/	25.88	/	26.50
		270	0	/	25.73	/	26.50
	DFT-s-OFDM QPSK	1	1	/	26.89	/	27.50
		1	137	/	26.69	/	27.50
		1	271	/	26.68	/	27.50
		135	0	/	25.69	/	26.50
		135	69	/	26.88	/	27.50
		135	138	/	26.02	/	26.50
		270	0	/	25.87	/	26.50
	DFT-s-OFDM 16QAM	1	1	/	25.72	/	26.00
	DFT-s-OFDM 64QAM	1	1	/	24.25	/	25.00
	DFT-s-OFDM 256QAM	1	1	/	22.17	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	25.14	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.76	26.76	26.82	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	

80MHz	DFT-s-OFDM QPSK	1	1	26.82	26.76	26.77	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.80	26.75	26.80	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.77	26.80	26.76	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.79	26.84	26.79	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.76	26.79	26.80	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	26.80	26.75	26.77	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	26.78	26.82	26.75	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.80	26.84	26.81	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	26.81	26.82	26.83	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.78	26.81	26.84	27.50

N77 PC2 Ant5 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.56	26.79	26.60	27.50
		1	131	26.66	26.74	26.75	27.50
		1	132	26.76	26.67	26.67	27.50
		2	0	25.63	25.76	25.63	26.50
		2	131	26.62	26.68	26.77	27.50
		64	32	25.64	25.79	25.78	26.50
		128	0	25.59	25.77	25.72	26.50

	DFT-s-OFDM QPSK	1	1	26.76	26.83	26.79	27.50
		1	131	26.57	26.67	26.72	27.50
		1	132	26.58	26.69	26.74	27.50
		2	0	25.68	25.65	25.59	26.50
		2	131	26.59	26.73	26.62	27.50
		64	32	25.72	25.77	25.70	26.50
		128	0	25.66	25.80	25.77	26.50
	DFT-s-OFDM 16QAM	1	1	25.23	25.21	25.10	26.00
	DFT-s-OFDM 64QAM	1	1	24.16	24.29	24.14	25.00
	DFT-s-OFDM 256QAM	1	1	22.23	22.21	22.14	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	25.22	25.22	25.22	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.68	26.71	26.70	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	26.59	26.82	26.75	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	26.65	26.82	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.70	26.71	26.63	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	26.72	26.72	26.71	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.64	26.75	26.59	27.50

N77 PC2&3 Ant5 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.15	/	19.80
		1	137	/	19.26	/	19.80
		1	271	/	19.30	/	19.80
		135	0	/	19.27	/	19.80

		135	69	/	19.29	/	19.80
		135	138	/	19.27	/	19.80
		270	0	/	19.30	/	19.80
	DFT-s-OFDM QPSK	1	1	/	19.32	/	19.80
		1	137	/	19.31	/	19.80
		1	271	/	19.26	/	19.80
		135	0	/	19.21	/	19.80
		135	69	/	19.28	/	19.80
		135	138	/	19.16	/	19.80
		270	0	/	19.21	/	19.80
	DFT-s-OFDM 16QAM	1	1	/	19.18	/	19.80
	DFT-s-OFDM 64QAM	1	1	/	19.30	/	19.80
	DFT-s-OFDM 256QAM	1	1	/	18.77	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.22	/	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.32	19.19	19.17	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.17	19.31	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.18	19.15	19.19	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.24	19.19	19.27	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.30	19.26	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.24	19.26	19.14	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.17	19.27	19.17	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	

25MHz	DFT-s-OFDM QPSK	1	1	19.29	19.30	19.30	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.32	19.32	19.26	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.26	19.17	19.17	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.20	19.30	19.25	19.80

N77 PC2&3 Ant5 Receiver on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.03	19.15	19.01	19.80
		1	131	19.15	19.18	19.14	19.80
		1	132	19.15	19.07	19.07	19.80
		2	0	19.00	19.21	19.14	19.80
		2	131	19.01	19.06	19.19	19.80
		64	32	18.99	19.04	19.10	19.80
		128	0	18.99	19.08	19.16	19.80
	DFT-s-OFDM QPSK	1	1	19.16	19.23	19.19	19.80
		1	131	19.01	19.08	19.17	19.80
		1	132	19.00	19.15	19.16	19.80
		2	0	19.07	19.09	19.07	19.80
		2	131	19.08	19.11	19.15	19.80
		64	32	19.13	19.12	19.16	19.80
		128	0	19.15	19.09	19.08	19.80
	DFT-s-OFDM 16QAM	1	1	18.99	19.21	19.11	19.80
	DFT-s-OFDM 64QAM	1	1	18.98	19.22	19.10	19.80
	DFT-s-OFDM 256QAM	1	1	18.48	18.71	18.64	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	CP-OFDM QPSK	1	1	19.04	19.12	19.12	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.10	19.08	19.10	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up

30MHz	DFT-s-OFDM QPSK	1	1	19.07	19.17	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	18.97	19.04	19.19	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.03	19.15	19.02	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	19.05	19.07	19.03	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.00	19.11	19.05	19.80

N77 PC3 Ant5 Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.16	/	21.80
		1	137	/	21.07	/	21.80
		1	271	/	21.05	/	21.80
		135	0	/	21.04	/	21.80
		135	69	/	21.11	/	21.80
		135	138	/	21.03	/	21.80
		270	0	/	21.05	/	21.80
	DFT-s-OFDM QPSK	1	1	/	21.23	/	21.80
		1	137	/	21.16	/	21.80
		1	271	/	21.15	/	21.80
		135	0	/	21.12	/	21.80
		135	69	/	21.21	/	21.80
		135	138	/	21.19	/	21.80
		270	0	/	21.18	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	21.10	/	21.80
	DFT-s-OFDM 64QAM	1	1	/	20.65	/	21.30
	DFT-s-OFDM 256QAM	1	1	/	18.71	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.16	/	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.15	21.19	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.11	21.13	21.21	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.15	21.17	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.19	21.20	21.22	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.21	21.03	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.13	21.16	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.19	21.17	21.15	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	21.16	21.14	21.23	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.10	21.17	21.06	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.09	21.19	21.06	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.11	21.09	21.20	21.80

N77 PC2&3 Ant5 Hotspot on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.87	21.01	20.98	21.80
		1	131	21.05	21.14	21.01	21.80
		1	132	20.96	21.11	21.07	21.80

		2	0	20.93	21.09	20.97	21.80
		2	131	21.06	21.08	21.02	21.80
		64	32	20.98	20.99	21.06	21.80
		128	0	20.97	20.96	21.08	21.80
	DFT-s-OFDM QPSK	1	1	21.07	21.15	21.13	21.80
		1	131	21.05	21.11	20.96	21.80
		1	132	20.96	21.01	20.94	21.80
		2	0	21.05	21.06	21.12	21.80
		2	131	20.93	21.07	21.10	21.80
		64	32	20.91	21.10	20.98	21.80
		128	0	20.89	20.98	21.02	21.80
	DFT-s-OFDM 16QAM	1	1	20.90	21.10	21.10	21.80
	DFT-s-OFDM 64QAM	1	1	20.37	20.62	20.54	21.30
	DFT-s-OFDM 256QAM	1	1	18.49	18.59	18.60	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	20.88	21.14	20.99	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.99	21.10	21.07	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.97	21.04	21.01	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	20.93	21.07	21.05	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.95	21.05	21.10	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.98	21.03	21.05	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.89	20.99	20.99	21.80

N77 PC2&3 Ant5 Body-worn&Handheld				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.13	/	22.80
		1	137	/	22.00	/	22.80
		1	271	/	22.00	/	22.80
		135	0	/	22.00	/	22.80
		135	69	/	21.99	/	22.80
		135	138	/	22.07	/	22.80
		270	0	/	22.03	/	22.80
	DFT-s-OFDM QPSK	1	1	/	22.16	/	22.80
		1	137	/	22.13	/	22.80
		1	271	/	22.09	/	22.80
		135	0	/	22.04	/	22.80
		135	69	/	22.09	/	22.80
		135	138	/	22.01	/	22.80
		270	0	/	21.97	/	22.80
	DFT-s-OFDM 16QAM	1	1	/	21.97	/	22.80
	DFT-s-OFDM 64QAM	1	1	/	20.50	/	21.30
	DFT-s-OFDM 256QAM	1	1	/	18.54	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.12	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.12	22.06	21.97	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.08	21.99	22.00	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.14	22.15	22.12	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.99	21.97	22.00	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.96	22.10	22.11	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.01	22.10	21.99	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	

30MHz	DFT-s-OFDM QPSK	1	1	22.04	22.10	22.09	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.01	22.03	21.97	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.09	22.04	21.98	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.98	22.04	22.01	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.07	22.01	22.00	22.80

N77 PC2 Ant5 Body-worn&Handhled				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.81	21.94	21.90	22.80
		1	131	21.86	22.09	21.92	22.80
		1	132	21.99	22.10	21.98	22.80
		2	0	21.98	21.93	22.01	22.80
		2	131	21.97	21.96	21.96	22.80
		64	32	21.94	21.98	22.06	22.80
		128	0	21.86	22.05	22.08	22.80
	DFT-s-OFDM QPSK	1	1	22.01	22.13	22.09	22.80
		1	131	21.94	21.98	21.95	22.80
		1	132	21.84	22.13	21.96	22.80
		2	0	21.89	21.93	22.02	22.80
		2	131	21.94	22.13	21.97	22.80
		64	32	21.86	22.00	21.97	22.80
		128	0	21.98	21.96	21.90	22.80
	DFT-s-OFDM 16QAM	1	1	21.96	22.02	22.05	22.80
	DFT-s-OFDM 64QAM	1	1	20.50	20.56	20.58	21.30
	DFT-s-OFDM 256QAM	1	1	18.42	18.50	18.40	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	CP-OFDM QPSK	1	1	21.92	22.12	21.90	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	21.99	22.04	21.92	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.92	22.05	21.94	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	21.87	22.02	22.05	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.93	22.10	21.98	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	22.00	22.11	21.90	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.90	22.02	22.04	22.80

N77 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.91	/	22.80
		1	137	/	22.10	/	22.80
		1	271	/	21.91	/	22.80
		135	0	/	21.12	/	21.80
		135	69	/	22.17	/	22.80
		135	138	/	21.09	/	21.80
		270	0	/	21.18	/	21.80
	DFT-s-OFDM QPSK	1	1	/	22.23	/	22.80
		1	137	/	22.11	/	22.80
		1	271	/	21.93	/	22.80
		135	0	/	21.09	/	21.80
		135	69	/	22.17	/	22.80
		135	138	/	21.12	/	21.80
		270	0	/	21.14	/	21.80
	DFT-s-OFDM 16QAM	1	1	/	20.94	/	21.80
	DFT-s-OFDM 64QAM	1	1	/	19.33	/	20.30
	DFT-s-OFDM 256QAM	1	1	/	17.39	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.47	/	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.12	22.14	22.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.10	22.10	22.14	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	22.10	22.12	22.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.16	22.17	22.14	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.11	22.12	22.11	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.17	22.09	22.10	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	22.09	22.11	22.14	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	22.13	22.18	22.17	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.13	22.14	22.18	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	22.14	22.11	22.16	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.15	22.12	22.17	22.80

N77 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.97	21.92	21.91	22.80
		1	131	21.78	21.90	21.87	22.80

		1	132	21.86	22.01	21.95	22.80
		2	0	20.92	20.88	20.97	21.80
		2	131	21.84	21.90	21.90	22.80
		64	32	20.89	20.88	20.85	21.80
		128	0	20.81	21.03	20.99	21.80
	DFT-s-OFDM QPSK	1	1	21.97	22.04	21.99	22.80
		1	131	21.78	21.87	21.96	22.80
		1	132	21.86	21.98	21.88	22.80
		2	0	20.82	20.85	20.87	21.80
		2	131	21.94	21.85	21.87	22.80
		64	32	20.95	20.91	20.80	21.80
		128	0	20.94	20.91	20.87	21.80
	DFT-s-OFDM 16QAM	1	1	20.85	20.88	20.85	21.80
	DFT-s-OFDM 64QAM	1	1	19.43	19.37	19.29	20.30
	DFT-s-OFDM 256QAM	1	1	17.32	17.52	17.30	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	20.41	20.49	20.32	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.79	21.85	21.80	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	21.95	21.95	21.95	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	21.91	21.94	21.95	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.81	21.91	21.91	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	21.97	21.85	21.93	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.86	21.90	21.95	22.80

N77 PC2 Ant6 Full Power				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.96	/	25.80
		1	137	/	25.14	/	25.80
		1	271	/	24.93	/	25.80
		135	0	/	24.10	/	24.80
		135	69	/	25.08	/	25.80
		135	138	/	24.02	/	24.80
		270	0	/	24.11	/	24.80
	DFT-s-OFDM QPSK	1	1	/	25.16	/	25.80
		1	137	/	25.12	/	25.80
		1	271	/	24.92	/	25.80
		135	0	/	24.09	/	24.80
		135	69	/	25.12	/	25.80
		135	138	/	24.04	/	24.80
		270	0	/	24.12	/	24.80
	DFT-s-OFDM 16QAM	1	1	/	23.78	/	24.80
	DFT-s-OFDM 64QAM	1	1	/	22.54	/	23.30
	DFT-s-OFDM 256QAM	1	1	/	20.55	/	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	23.43	/	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	25.04	25.07	25.07	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	25.10	25.09	25.03	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	25.06	25.08	25.07	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	25.03	25.10	25.05	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	25.08	25.10	25.05	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	25.03	25.09	25.09	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	

30MHz	DFT-s-OFDM QPSK	1	1	25.11	25.09	25.04	25.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	25.11	25.09	25.09	25.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.06	25.10	25.03	25.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.08	25.10	25.08	25.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.08	25.09	25.10	25.80

N77 PC2 Ant6 Full Power				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.90	25.12	24.98	25.80
		1	131	24.86	24.97	24.94	25.80
		1	132	24.91	25.10	24.99	25.80
		2	0	23.91	24.13	23.96	24.80
		2	131	24.88	25.00	25.06	25.80
		64	32	23.87	24.03	23.95	24.80
		128	0	23.80	23.99	23.93	24.80
	DFT-s-OFDM QPSK	1	1	24.99	25.16	25.08	25.80
		1	131	24.87	24.98	24.93	25.80
		1	132	24.94	25.11	25.08	25.80
		2	0	23.90	24.04	23.98	24.80
		2	131	24.80	25.14	25.04	25.80
		64	32	23.86	24.03	23.97	24.80
		128	0	23.93	24.05	23.92	24.80
	DFT-s-OFDM 16QAM	1	1	23.96	24.00	23.98	24.80
	DFT-s-OFDM 64QAM	1	1	22.32	22.59	22.55	23.30
	DFT-s-OFDM 256QAM	1	1	20.39	20.49	20.44	21.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	CP-OFDM QPSK	1	1	23.33	23.50	23.56	24.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.92	25.10	24.91	25.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.83	25.12	25.00	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	24.80	25.06	25.04	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.98	25.12	24.90	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	24.87	25.06	24.90	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.83	25.10	25.07	25.80

N77 PC2&3 Ant6 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.09	/	18.80
		1	137	/	18.10	/	18.80
		1	271	/	18.12	/	18.80
		135	0	/	18.06	/	18.80
		135	69	/	18.10	/	18.80
		135	138	/	18.14	/	18.80
		270	0	/	18.16	/	18.80
	DFT-s-OFDM QPSK	1	1	/	18.26	/	18.80
		1	137	/	18.25	/	18.80
		1	271	/	18.18	/	18.80
		135	0	/	18.08	/	18.80
		135	69	/	18.17	/	18.80
		135	138	/	18.12	/	18.80
		270	0	/	18.20	/	18.80
	DFT-s-OFDM 16QAM	1	1	/	18.08	/	18.80
	DFT-s-OFDM 64QAM	1	1	/	18.07	/	18.80
	DFT-s-OFDM 256QAM	1	1	/	17.36	/	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.08	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.13	18.23	18.10	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.16	18.17	18.09	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.23	18.17	18.22	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.18	18.19	18.14	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.17	18.07	18.19	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.16	18.18	18.15	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.08	18.16	18.19	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 630834	Channel 633334	Channel 635834	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.09	18.23	18.15	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.19	18.14	18.13	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.17	18.19	18.08	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.18	18.20	18.12	18.80

N77 PC2&3 Ant6 Receiver on				Conducted Power(dBm)			
SCS 15kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.05	18.13	17.93	18.80
		1	131	17.92	18.19	17.93	18.80
		1	132	17.94	18.16	17.94	18.80

		2	0	17.97	18.12	17.96	18.80
		2	131	17.95	18.14	18.02	18.80
		64	32	17.98	18.15	18.08	18.80
		128	0	17.89	18.18	17.97	18.80
	DFT-s-OFDM QPSK	1	1	18.06	18.19	18.13	18.80
		1	131	17.96	18.03	18.08	18.80
		1	132	17.90	18.04	18.08	18.80
		2	0	18.03	18.02	18.11	18.80
		2	131	17.87	18.09	17.96	18.80
		64	32	18.02	18.17	17.97	18.80
		128	0	17.86	18.12	17.96	18.80
	DFT-s-OFDM 16QAM	1	1	18.03	18.06	17.95	18.80
	DFT-s-OFDM 64QAM	1	1	17.97	18.17	18.10	18.80
	DFT-s-OFDM 256QAM	1	1	17.41	17.59	17.60	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	18.01	18.11	18.03	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.94	18.07	18.12	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	17.97	18.14	18.03	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635834	
25MHz	DFT-s-OFDM QPSK	1	1	17.88	18.14	18.08	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.95	18.13	18.10	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.92	18.03	18.10	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.89	18.17	18.00	18.80

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

N77 PC3 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.27	21.57	21.59	22.30
		1	137	21.36	21.63	21.66	22.30
		1	271	21.19	21.55	21.51	22.30
		135	0	20.43	20.66	20.70	21.30
		135	69	21.52	21.80	21.86	22.30
		135	138	20.38	20.69	20.72	21.30
		270	0	20.46	20.70	20.69	21.30
	DFT-s-OFDM QPSK	1	1	21.64	21.93	21.79	22.30
		1	137	21.33	21.60	21.63	22.30
		1	271	21.18	21.49	21.57	22.30
		135	0	20.43	20.73	20.68	21.30
		135	69	21.54	21.86	21.84	22.30
		135	138	20.37	20.71	20.72	21.30
		270	0	20.48	20.72	20.69	21.30
	DFT-s-OFDM 16QAM	1	1	20.51	20.64	20.69	21.30
	DFT-s-OFDM 64QAM	1	1	18.37	18.61	18.63	19.80
	DFT-s-OFDM 256QAM	1	1	16.77	17.02	17.02	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.88	20.14	20.13	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	21.51	21.88	21.67	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.52	21.82	21.69	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	21.58	21.86	21.73	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.53	21.84	21.67	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	21.58	21.81	21.73	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.55	21.85	21.68	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	

30MHz	DFT-s-OFDM QPSK	1	1	21.58	21.82	21.69	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.50	21.84	21.70	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.56	21.83	21.71	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.80	21.70	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.53	21.80	21.71	22.30

N77 PC3 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.35	21.30	21.32	22.30
		1	131	21.37	21.39	21.26	22.30
		1	132	21.31	21.35	21.38	22.30
		2	0	20.36	20.37	20.36	21.30
		2	131	21.26	21.41	21.30	22.30
		64	32	20.23	20.42	20.34	21.30
		128	0	20.23	20.28	20.28	21.30
	DFT-s-OFDM QPSK	1	1	21.38	21.45	21.39	22.30
		1	131	21.21	21.30	21.30	22.30
		1	132	21.20	21.34	21.31	22.30
		2	0	20.32	20.29	20.30	21.30
		2	131	21.22	21.35	21.30	22.30
		64	32	20.37	20.33	20.37	21.30
		128	0	20.26	20.36	20.27	21.30
	DFT-s-OFDM 16QAM	1	1	20.29	20.27	20.32	21.30
	DFT-s-OFDM 64QAM	1	1	18.70	18.85	18.73	19.80
	DFT-s-OFDM 256QAM	1	1	16.80	16.81	16.73	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	CP-OFDM QPSK	1	1	19.75	19.81	19.89	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.31	21.44	21.27	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.34	21.32	21.21	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.35	21.33	21.26	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.35	21.32	21.25	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.31	21.34	21.30	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.37	21.30	21.28	22.30

N77 PC2 Ant2 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.15	24.50	24.53	25.30
		1	137	24.42	24.67	24.67	25.30
		1	271	24.36	24.67	24.70	25.30
		135	0	23.53	23.83	23.81	24.30
		135	69	24.70	24.91	24.92	25.30
		135	138	23.53	23.81	23.86	24.30
		270	0	23.44	23.78	23.72	24.30
	DFT-s-OFDM QPSK	1	1	24.48	24.97	24.69	25.30
		1	137	24.40	24.66	24.66	25.30
		1	271	24.32	24.67	24.67	25.30
		135	0	23.50	23.80	23.79	24.30
		135	69	24.62	24.94	24.93	25.30
		135	138	23.57	23.83	23.83	24.30
		270	0	23.45	23.76	23.76	24.30
	DFT-s-OFDM 16QAM	1	1	23.39	23.67	23.65	24.30
	DFT-s-OFDM 64QAM	1	1	21.91	22.24	22.24	22.80
	DFT-s-OFDM 256QAM	1	1	19.96	20.22	20.26	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.77	23.11	23.12	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	24.40	24.68	24.62	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	24.37	24.72	24.59	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	24.41	24.65	24.58	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.40	24.69	24.63	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	24.36	24.66	24.62	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.40	24.66	24.58	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	24.40	24.68	24.58	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	24.38	24.65	24.59	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.40	24.64	24.60	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	24.40	24.66	24.62	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.43	24.64	24.62	25.30

N77 PC3 Ant2 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.41	24.54	24.40	25.30
		1	131	24.30	24.46	24.45	25.30
		1	132	24.44	24.54	24.38	25.30

		2	0	23.37	23.44	23.43	24.30
		2	131	24.28	24.46	24.39	25.30
		64	32	23.38	23.51	23.41	24.30
		128	0	23.35	23.50	23.44	24.30
	DFT-s-OFDM QPSK	1	1	24.47	24.56	24.51	25.30
		1	131	24.37	24.53	24.38	25.30
		1	132	24.38	24.45	24.37	25.30
		2	0	23.35	23.39	23.39	24.30
		2	131	24.46	24.51	24.34	25.30
		64	32	23.28	23.47	23.40	24.30
		128	0	23.35	23.49	23.39	24.30
	DFT-s-OFDM 16QAM	1	1	23.39	23.41	23.32	24.30
	DFT-s-OFDM 64QAM	1	1	21.97	21.95	21.89	22.80
	DFT-s-OFDM 256QAM	1	1	19.86	19.92	19.91	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	CP-OFDM QPSK	1	1	22.83	22.89	22.86	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.44	24.51	24.43	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	24.29	24.41	24.37	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	24.35	24.39	24.43	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.42	24.52	24.41	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	24.34	24.50	24.42	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.47	24.43	24.35	25.30

N77 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM	1	1	21.16	21.15	21.33	22.30

	PI/2 BPSK	1	137	21.15	21.13	21.38	22.30
		1	271	21.12	21.18	21.35	22.30
		135	0	20.29	20.29	20.44	21.30
		135	69	21.36	21.33	21.51	22.30
		135	138	20.25	20.29	20.43	21.30
		270	0	20.29	20.31	20.46	21.30
	DFT-s-OFDM QPSK	1	1	21.35	21.64	21.35	22.30
		1	137	21.17	21.14	21.30	22.30
		1	271	21.12	21.11	21.30	22.30
		135	0	20.28	20.32	20.46	21.30
		135	69	21.33	21.37	21.28	22.30
		135	138	20.28	20.27	20.46	21.30
		270	0	20.29	20.26	20.49	21.30
	DFT-s-OFDM 16QAM	1	1	19.89	20.08	20.11	21.30
	DFT-s-OFDM 64QAM	1	1	18.28	18.25	18.45	19.80
	DFT-s-OFDM 256QAM	1	1	16.70	16.69	16.83	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.82	19.78	19.96	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	21.31	21.31	21.48	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.31	21.31	21.48	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	21.32	21.31	21.52	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.23	21.28	21.48	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	21.26	21.29	21.45	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.26	21.31	21.51	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.31	21.32	21.48	22.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.26	21.29	21.51	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.27	21.27	21.46	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.25	21.27	21.52	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.25	21.24	21.45	22.30

N77 PC3 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.53	21.46	21.33	22.30
		1	131	21.42	21.46	21.43	22.30
		1	132	21.36	21.36	21.37	22.30
		2	0	20.46	20.45	20.35	21.30
		2	131	21.44	21.41	21.45	22.30
		64	32	20.50	20.42	20.32	21.30
		128	0	20.44	20.48	20.46	21.30
	DFT-s-OFDM QPSK	1	1	21.53	21.56	21.51	22.30
		1	131	21.41	21.51	21.34	22.30
		1	132	21.44	21.47	21.46	22.30
		2	0	20.47	20.48	20.46	21.30
		2	131	21.51	21.40	21.39	22.30
		64	32	20.40	20.56	20.34	21.30
		128	0	20.39	20.38	20.50	21.30
	DFT-s-OFDM 16QAM	1	1	20.47	20.55	20.40	21.30
	DFT-s-OFDM 64QAM	1	1	18.95	19.05	18.85	19.80
	DFT-s-OFDM 256QAM	1	1	16.95	16.89	16.84	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	CP-OFDM QPSK	1	1	19.94	19.95	19.96	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.45	21.40	21.33	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.45	21.43	21.35	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.33	21.52	21.38	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.47	21.49	21.50	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.48	21.38	21.34	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.50	21.45	22.30

N77 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.23	24.25	24.19	25.30
		1	137	24.48	24.45	24.45	25.30
		1	271	24.55	24.50	24.50	25.30
		135	0	23.41	23.43	23.43	24.30
		135	69	24.56	24.54	24.62	25.30
		135	138	23.42	23.35	23.39	24.30
		270	0	23.35	23.37	23.33	24.30
	DFT-s-OFDM QPSK	1	1	24.61	24.65	24.60	25.30
		1	137	24.46	24.42	24.41	25.30
		1	271	24.53	24.53	24.55	25.30
		135	0	23.47	23.41	23.41	24.30
		135	69	24.56	24.61	24.55	25.30
		135	138	23.35	23.43	23.35	24.30
		270	0	23.35	23.35	23.33	24.30
	DFT-s-OFDM 16QAM	1	1	23.31	23.27	23.35	24.30
	DFT-s-OFDM 64QAM	1	1	21.89	21.90	21.86	22.80
	DFT-s-OFDM 256QAM	1	1	19.95	19.93	19.95	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.76	22.72	22.76	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	

90MHz	DFT-s-OFDM QPSK	1	1	24.47	24.53	24.48	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	24.48	24.59	24.51	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	24.52	24.60	24.54	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.50	24.54	24.54	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	24.56	24.60	24.49	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	24.47	24.58	24.47	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	24.54	24.59	24.55	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	24.52	24.53	24.51	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	24.55	24.55	24.47	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	24.48	24.51	24.55	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	24.48	24.54	24.51	25.30

N77 PC2 Ant4 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.38	24.41	24.30	25.30
		1	131	24.29	24.33	24.40	25.30
		1	132	24.31	24.45	24.33	25.30
		2	0	23.31	23.51	23.36	24.30

		2	131	24.33	24.41	24.46	25.30
		64	32	23.35	23.38	23.38	24.30
		128	0	23.39	23.46	23.38	24.30
	DFT-s-OFDM QPSK	1	1	24.43	24.51	24.47	25.30
		1	131	24.33	24.31	24.31	25.30
		1	132	24.36	24.49	24.28	25.30
		2	0	23.41	23.41	23.35	24.30
		2	131	24.39	24.42	24.28	25.30
		64	32	23.28	23.43	23.41	24.30
		128	0	23.27	23.36	23.35	24.30
	DFT-s-OFDM 16QAM	1	1	23.37	23.47	23.36	24.30
	DFT-s-OFDM 64QAM	1	1	21.86	21.86	21.91	22.80
	DFT-s-OFDM 256QAM	1	1	19.88	19.92	19.83	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	CP-OFDM QPSK	1	1	22.82	22.95	22.85	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
40MHz	DFT-s-OFDM QPSK	1	1	24.31	24.36	24.34	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
30MHz	DFT-s-OFDM QPSK	1	1	24.25	24.46	24.44	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
25MHz	DFT-s-OFDM QPSK	1	1	24.30	24.46	24.46	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
20MHz	DFT-s-OFDM QPSK	1	1	24.28	24.39	24.35	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
15MHz	DFT-s-OFDM QPSK	1	1	24.39	24.38	24.39	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
10MHz	DFT-s-OFDM QPSK	1	1	24.42	24.36	24.29	25.30

N77 PC3 Ant5 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM	1	1	22.83	22.87	22.86	23.80

	PI/2 BPSK	1	137	22.94	23.02	23.02	23.80
		1	271	22.91	22.91	22.94	23.80
		135	0	22.13	22.07	22.09	22.80
		135	69	23.11	23.17	23.10	23.80
		135	138	22.11	22.11	22.10	22.80
		270	0	22.07	22.12	22.07	22.80
	DFT-s-OFDM QPSK	1	1	23.08	23.18	23.06	23.80
		1	137	22.99	23.02	23.00	23.80
		1	271	23.07	23.05	23.03	23.80
		135	0	22.07	22.02	22.05	22.80
		135	69	23.12	23.17	23.15	23.80
		135	138	22.28	22.28	22.26	22.80
		270	0	22.15	22.15	22.17	22.80
	DFT-s-OFDM 16QAM	1	1	22.03	22.08	22.03	22.80
	DFT-s-OFDM 64QAM	1	1	20.58	20.60	20.57	21.30
	DFT-s-OFDM 256QAM	1	1	18.55	18.54	18.60	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.50	21.47	21.47	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.95	22.99	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.96	22.91	22.94	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	22.98	22.92	22.91	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.95	22.92	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	22.95	22.94	22.94	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.91	22.99	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	

30MHz	DFT-s-OFDM QPSK	1	1	22.95	22.92	22.97	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	22.96	22.98	22.91	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.93	22.92	22.95	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	22.98	22.94	22.98	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	22.93	22.99	22.92	23.80

N77 PC3 Ant5 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.46	21.54	21.46	22.30
		1	131	21.38	21.39	21.44	22.30
		1	132	21.45	21.53	21.51	22.30
		2	0	20.39	20.49	20.40	21.30
		2	131	21.45	21.40	21.35	22.30
		64	32	20.38	20.50	20.50	21.30
		128	0	20.35	20.38	20.35	21.30
	DFT-s-OFDM QPSK	1	1	21.47	21.56	21.51	22.30
		1	131	21.38	21.55	21.34	22.30
		1	132	21.34	21.55	21.42	22.30
		2	0	20.46	20.42	20.48	21.30
		2	131	21.31	21.37	21.50	22.30
		64	32	20.27	20.44	20.40	21.30
		128	0	20.27	20.37	20.31	21.30
	DFT-s-OFDM 16QAM	1	1	20.32	20.54	20.47	21.30
	DFT-s-OFDM 64QAM	1	1	18.95	19.05	18.82	19.80
	DFT-s-OFDM 256QAM	1	1	16.89	17.01	17.01	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	CP-OFDM QPSK	1	1	19.78	19.89	19.85	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	

40MHz	DFT-s-OFDM QPSK	1	1	21.38	21.54	21.45	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.43	21.53	21.51	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.38	21.37	21.47	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.30	21.44	21.32	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.34	21.54	21.45	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.36	21.39	21.45	22.30

N77 PC2 Ant5 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.55	26.54	26.52	27.50
		1	137	26.66	26.66	26.61	27.50
		1	271	26.62	26.65	26.66	27.50
		135	0	25.80	25.85	25.82	26.50
		135	69	26.81	26.86	26.73	27.50
		135	138	25.89	25.87	25.80	26.50
		270	0	25.74	25.76	25.75	26.50
	DFT-s-OFDM QPSK	1	1	26.87	26.90	26.78	27.50
		1	137	26.72	26.72	26.67	27.50
		1	271	26.66	26.70	26.68	27.50
		135	0	25.69	25.70	25.75	26.50
		135	69	26.83	26.88	26.84	27.50
		135	138	26.01	25.95	26.00	26.50
		270	0	25.85	25.88	25.84	26.50
	DFT-s-OFDM 16QAM	1	1	25.72	25.72	25.74	26.50
	DFT-s-OFDM 64QAM	1	1	24.30	24.24	24.27	25.00
	DFT-s-OFDM 256QAM	1	1	22.21	22.23	22.19	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	

100MHz	CP-OFDM QPSK	1	1	25.12	25.15	25.16	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	26.76	26.76	26.66	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	26.73	26.77	26.70	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	26.76	26.85	26.67	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	26.80	26.76	26.69	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	26.78	26.80	26.69	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	26.74	26.81	26.67	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	26.76	26.79	26.72	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	26.79	26.82	26.66	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	26.77	26.78	26.68	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	26.73	26.76	26.65	27.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	26.73	26.80	26.69	27.50

N77 PC2 Ant5 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	

50MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.61	26.54	26.67	27.50
		1	131	26.59	26.55	26.58	27.50
		1	132	26.50	26.53	26.54	27.50
		2	0	25.60	25.60	25.63	26.50
		2	131	26.49	26.66	26.63	27.50
		64	32	25.58	25.60	25.65	26.50
		128	0	25.54	25.55	25.52	26.50
	DFT-s-OFDM QPSK	1	1	26.62	26.71	26.68	27.50
		1	131	26.53	26.60	26.59	27.50
		1	132	26.53	26.69	26.65	27.50
		2	0	25.52	25.56	25.49	26.50
		2	131	26.50	26.65	26.66	27.50
		64	32	25.54	25.55	25.59	26.50
		128	0	25.52	25.53	25.57	26.50
	DFT-s-OFDM 16QAM	1	1	25.43	25.54	25.60	26.50
	DFT-s-OFDM 64QAM	1	1	24.12	24.10	24.11	25.00
	DFT-s-OFDM 256QAM	1	1	22.01	22.20	22.12	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	CP-OFDM QPSK	1	1	24.97	25.02	25.07	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.47	26.57	26.61	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.46	26.65	26.54	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647500	Channel 656000	Channel 664500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	26.45	26.62	26.64	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.56	26.67	26.64	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.55	26.64	26.60	27.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.53	26.51	26.62	27.50

N77 PC2&3 Ant5 Receiver on	Conducted Power(dBm)

SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.26	19.26	19.15	19.80
		1	137	19.15	19.27	19.13	19.80
		1	271	19.07	19.17	19.14	19.80
		135	0	19.17	19.24	19.14	19.80
		135	69	19.11	19.24	19.21	19.80
		135	138	19.20	19.17	19.22	19.80
		270	0	19.20	19.28	19.16	19.80
	DFT-s-OFDM QPSK	1	1	19.27	19.32	19.31	19.80
		1	137	19.24	19.18	19.11	19.80
		1	271	19.26	19.30	19.23	19.80
		135	0	19.07	19.18	19.21	19.80
		135	69	19.28	19.29	19.24	19.80
		135	138	19.23	19.12	19.11	19.80
		270	0	19.10	19.24	19.13	19.80
	DFT-s-OFDM 16QAM	1	1	19.23	19.29	19.13	19.80
	DFT-s-OFDM 64QAM	1	1	19.11	19.15	19.17	19.80
	DFT-s-OFDM 256QAM	1	1	18.60	18.78	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.07	19.17	19.25	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.17	19.24	19.27	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.25	19.26	19.26	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.11	19.15	19.27	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.18	19.12	19.30	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.17	19.19	19.28	19.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	19.12	19.14	19.20	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	19.14	19.23	19.22	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	19.13	19.24	19.23	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.20	19.30	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	19.27	19.28	19.16	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	19.17	19.19	19.31	19.80

N77 PC2&3 Ant5 Receiver on				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.57	18.93	18.69	19.80
		1	131	18.61	18.80	18.84	19.80
		1	132	18.71	18.79	18.70	19.80
		2	0	18.60	18.92	18.82	19.80
		2	131	18.53	18.88	18.67	19.80
		64	32	18.57	18.84	18.67	19.80
		128	0	18.72	18.88	18.81	19.80
	DFT-s-OFDM QPSK	1	1	18.72	18.95	18.86	19.80
		1	131	18.57	18.86	18.81	19.80
		1	132	18.54	18.85	18.71	19.80
		2	0	18.63	18.84	18.78	19.80
		2	131	18.71	18.90	18.66	19.80
		64	32	18.67	18.94	18.77	19.80
		128	0	18.59	18.83	18.68	19.80
	DFT-s-OFDM 16QAM	1	1	18.70	18.77	18.70	19.80
	DFT-s-OFDM 64QAM	1	1	18.69	18.94	18.67	19.80
	DFT-s-OFDM 256QAM	1	1	18.59	18.83	18.82	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	

50MHz	CP-OFDM QPSK	1	1	18.68	18.94	18.83	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.60	18.90	18.79	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	18.64	18.86	18.71	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	18.59	18.86	18.78	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	18.70	18.91	18.85	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	18.61	18.89	18.72	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	18.65	18.79	18.72	19.80

N77 PC2&3 Ant5 Hotspot on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.06	21.16	21.00	21.80
		1	137	21.05	21.20	21.07	21.80
		1	271	21.14	21.06	21.11	21.80
		135	0	21.17	21.12	21.10	21.80
		135	69	21.04	21.18	21.11	21.80
		135	138	21.21	21.25	21.16	21.80
		270	0	21.12	21.24	21.20	21.80
	DFT-s-OFDM QPSK	1	1	21.22	21.25	21.20	21.80
		1	137	21.12	21.22	21.05	21.80
		1	271	21.19	21.12	21.08	21.80
		135	0	21.03	21.11	21.04	21.80
		135	69	21.11	21.17	21.12	21.80
		135	138	21.10	21.13	21.10	21.80
		270	0	21.18	21.19	21.11	21.80
	DFT-s-OFDM 16QAM	1	1	21.19	21.15	21.14	21.80
	DFT-s-OFDM 64QAM	1	1	20.59	20.65	20.61	21.30

	DFT-s-OFDM 256QAM	1	1	18.54	18.71	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.13	21.06	21.03	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	21.20	21.08	21.13	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	21.12	21.20	21.12	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	21.07	21.05	21.17	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	21.18	21.16	21.11	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	21.20	21.15	21.09	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.12	21.23	21.05	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.16	21.23	21.10	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.15	21.24	21.17	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.10	21.25	21.02	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.14	21.20	21.02	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.07	21.11	21.08	21.80

N77 PC2&3 Ant5 Hotspot on				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.82	20.93	20.81	21.80
		1	131	20.74	20.90	20.84	21.80
		1	132	20.76	20.99	20.79	21.80
		2	0	20.84	20.90	20.79	21.80
		2	131	20.79	20.83	20.84	21.80
		64	32	20.89	20.97	20.84	21.80
		128	0	20.85	20.91	20.88	21.80
	DFT-s-OFDM QPSK	1	1	20.93	21.03	20.97	21.80
		1	131	20.82	20.92	20.81	21.80
		1	132	20.92	20.98	20.90	21.80
		2	0	20.91	20.86	20.93	21.80
		2	131	20.74	20.99	20.88	21.80
		64	32	20.78	20.86	20.93	21.80
		128	0	20.83	21.01	20.95	21.80
	DFT-s-OFDM 16QAM	1	1	20.75	20.84	20.79	21.80
	DFT-s-OFDM 64QAM	1	1	20.27	20.43	20.30	21.30
	DFT-s-OFDM 256QAM	1	1	18.41	18.43	18.45	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	CP-OFDM QPSK	1	1	20.84	20.85	20.81	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.73	20.86	20.86	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.78	20.91	20.80	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647500	Channel 656000	Channel 664500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.74	20.83	20.88	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.90	20.97	20.79	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.91	20.87	20.94	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up

10MHz	DFT-s-OFDM QPSK	1	1	20.83	20.97	20.94	21.80

N77 PC2&PC3 Ant5 Body-worn&Handheld				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.96	21.98	21.96	22.80
		1	137	22.00	22.03	22.01	22.80
		1	271	21.99	22.01	21.87	22.80
		135	0	21.93	22.06	21.99	22.80
		135	69	21.98	22.11	22.06	22.80
		135	138	21.95	21.92	22.00	22.80
		270	0	21.98	21.96	21.87	22.80
	DFT-s-OFDM QPSK	1	1	22.03	22.11	22.06	22.80
		1	137	21.85	21.99	22.01	22.80
		1	271	21.83	22.05	22.06	22.80
		135	0	21.85	22.01	21.87	22.80
		135	69	21.93	21.97	21.94	22.80
		135	138	21.84	21.92	22.04	22.80
		270	0	21.94	21.94	22.03	22.80
	DFT-s-OFDM 16QAM	1	1	22.00	21.91	22.04	22.80
	DFT-s-OFDM 64QAM	1	1	20.44	20.47	20.50	21.30
	DFT-s-OFDM 256QAM	1	1	18.38	18.41	18.36	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.44	21.49	21.44	22.30
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.89	22.09	21.93	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.86	21.94	21.95	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.86	22.09	22.00	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.87	22.09	22.04	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up

50MHz	DFT-s-OFDM QPSK	1	1	21.96	21.99	21.88	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	21.84	21.98	22.00	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	21.83	22.11	21.92	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	21.91	22.00	21.90	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	21.91	22.10	22.03	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	21.88	21.99	21.91	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	21.96	22.05	21.93	22.80

N77 PC2&3 Ant5 Body-worn&Handheld				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.82	20.93	20.81	21.80
		1	131	20.74	20.90	20.84	21.80
		1	132	20.76	20.99	20.79	21.80
		2	0	20.84	20.90	20.79	21.80
		2	131	20.79	20.83	20.84	21.80
		64	32	20.89	20.97	20.84	21.80
		128	0	20.85	20.91	20.88	21.80
	DFT-s-OFDM QPSK	1	1	20.93	21.03	20.97	21.80
		1	131	20.82	20.92	20.81	21.80
		1	132	20.92	20.98	20.90	21.80
		2	0	20.91	20.86	20.93	21.80
		2	131	20.74	20.99	20.88	21.80
		64	32	20.78	20.86	20.93	21.80
		128	0	20.83	21.01	20.95	21.80
	DFT-s-OFDM 16QAM	1	1	20.75	20.84	20.79	21.80
	DFT-s-OFDM 64QAM	1	1	20.27	20.43	20.30	21.30

	DFT-s-OFDM 256QAM	1	1	18.41	18.43	18.45	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	CP-OFDM QPSK	1	1	20.84	20.85	20.81	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.73	20.86	20.86	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.78	20.91	20.80	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647500	Channel 656000	Channel 664500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	20.74	20.83	20.88	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.90	20.97	20.79	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.91	20.87	20.94	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.83	20.97	20.94	21.80

N77 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.65	22.68	22.48	23.30
		1	137	22.63	22.66	22.40	23.30
		1	271	22.31	22.25	22.10	23.30
		135	0	21.62	21.58	21.41	22.30
		135	69	22.58	22.55	22.38	23.30
		135	138	21.49	21.45	21.30	22.30
		270	0	21.57	21.59	21.41	22.30
	DFT-s-OFDM QPSK	1	1	22.70	22.78	22.51	23.30
		1	137	22.67	22.63	22.42	23.30
		1	271	22.32	22.28	22.09	23.30
		135	0	21.65	21.62	21.45	22.30
		135	69	22.59	22.55	22.39	23.30
		135	138	21.50	21.47	21.26	22.30
		270	0	21.58	21.58	21.37	22.30

	DFT-s-OFDM 16QAM	1	1	21.36	21.35	21.43	22.30
	DFT-s-OFDM 64QAM	1	1	19.65	19.64	19.43	20.80
	DFT-s-OFDM 256QAM	1	1	18.18	18.15	17.98	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.17	21.15	20.94	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.60	22.72	22.40	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.58	22.72	22.38	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	22.59	22.71	22.39	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	22.49	22.49	22.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	22.55	22.51	22.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.50	22.50	22.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	22.53	22.50	22.49	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	22.49	22.53	22.52	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	22.54	22.47	22.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	22.50	22.54	22.51	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	22.48	22.53	22.49	23.30

N77 PC3 Ant6 Full Power				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.25	22.62	22.49	23.30
		1	131	22.41	22.54	22.47	23.30
		1	132	22.32	22.59	22.50	23.30
		2	0	21.33	21.59	21.40	22.30
		2	131	22.39	22.49	22.49	23.30
		64	32	21.40	21.45	21.44	22.30
		128	0	21.34	21.54	21.52	22.30
	DFT-s-OFDM QPSK	1	1	22.43	22.65	22.56	23.30
		1	131	22.26	22.62	22.43	23.30
		1	132	22.32	22.57	22.39	23.30
		2	0	21.24	21.51	21.38	22.30
		2	131	22.42	22.56	22.56	23.30
		64	32	21.41	21.46	21.40	22.30
		128	0	21.40	21.59	21.54	22.30
	DFT-s-OFDM 16QAM	1	1	21.31	21.51	21.48	22.30
	DFT-s-OFDM 64QAM	1	1	19.75	20.14	20.05	20.80
	DFT-s-OFDM 256QAM	1	1	17.75	18.04	17.98	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	CP-OFDM QPSK	1	1	20.91	21.00	20.88	21.80
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.34	22.51	22.49	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.29	22.49	22.52	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647500	Channel 656000	Channel 664500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.37	22.56	22.53	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.38	22.49	22.55	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up

15MHz	DFT-s-OFDM QPSK	1	1	22.27	22.62	22.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	22.28	22.45	22.37	23.30

N77 PC2 An6 Full Power				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.34	25.37	25.34	25.80
		1	137	25.36	25.32	25.30	25.80
		1	271	25.31	25.33	25.36	25.80
		135	0	24.30	24.34	24.34	24.80
		135	69	25.30	25.27	25.30	25.80
		135	138	24.20	24.20	24.25	24.80
		270	0	24.34	24.34	24.30	24.80
	DFT-s-OFDM QPSK	1	1	25.35	25.39	25.33	25.80
		1	137	25.26	25.33	25.26	25.80
		1	271	25.33	25.36	25.29	25.80
		135	0	24.28	24.31	24.32	24.80
		135	69	25.29	25.37	25.33	25.80
		135	138	24.21	24.23	24.24	24.80
		270	0	24.32	24.29	24.31	24.80
	DFT-s-OFDM 16QAM	1	1	24.02	23.94	24.00	24.80
	DFT-s-OFDM 64QAM	1	1	22.78	22.70	22.78	23.30
	DFT-s-OFDM 256QAM	1	1	20.74	20.80	20.76	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	22.83	22.86	22.79	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	25.19	25.28	25.25	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	25.17	25.25	25.20	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	25.21	25.30	25.21	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	25.17	25.29	25.25	25.80

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	25.19	25.31	25.25	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	25.21	25.25	25.25	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	25.18	25.25	25.26	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	25.23	25.27	25.24	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	25.23	25.29	25.21	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	25.20	25.27	25.21	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	25.21	25.27	25.22	25.80

N77 PC2 Ant6 Full Pwower				Conducted Power(dBm)			
SCS 15kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	25.20	25.30	25.19	25.80
		1	131	25.15	25.30	25.21	25.80
		1	132	25.13	25.27	25.13	25.80
		2	0	24.06	24.22	24.24	24.80
		2	131	25.20	25.18	25.08	25.80
		64	32	24.14	24.16	24.15	24.80
		128	0	24.06	24.18	24.17	24.80
	DFT-s-OFDM QPSK	1	1	25.23	25.34	25.28	25.80
		1	131	25.12	25.26	25.09	25.80
		1	132	25.14	25.21	25.23	25.80
		2	0	24.04	24.33	24.24	24.80
		2	131	25.11	25.16	25.16	25.80
		64	32	24.13	24.25	24.17	24.80
		128	0	24.06	24.33	24.15	24.80
	DFT-s-OFDM 16QAM	1	1	24.22	24.19	24.23	24.80

	DFT-s-OFDM 64QAM	1	1	22.61	22.71	22.72	23.30
	DFT-s-OFDM 256QAM	1	1	20.66	20.77	20.77	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	CP-OFDM QPSK	1	1	23.68	23.76	23.73	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	25.09	25.31	25.27	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	25.12	25.34	25.16	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	25.11	25.18	25.11	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	25.18	25.20	25.16	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	25.13	25.15	25.14	25.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	25.15	25.28	25.17	25.80

N77 PC2&3 Ant6 Receiver on				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.43	18.36	18.44	19.30
		1	137	18.40	18.45	18.41	19.30
		1	271	18.43	18.37	18.46	19.30
		135	0	18.31	18.49	18.31	19.30
		135	69	18.31	18.40	18.43	19.30
		135	138	18.37	18.46	18.40	19.30
		270	0	18.33	18.40	18.45	19.30
	DFT-s-OFDM QPSK	1	1	18.47	18.52	18.49	19.30
		1	137	18.45	18.36	18.48	19.30
		1	271	18.44	18.33	18.42	19.30
		135	0	18.32	18.33	18.31	19.30
		135	69	18.42	18.47	18.46	19.30
		135	138	18.40	18.38	18.49	19.30

		270	0	18.39	18.46	18.44	19.30
	DFT-s-OFDM 16QAM	1	1	18.43	18.41	18.35	19.30
	DFT-s-OFDM 64QAM	1	1	18.34	18.50	18.41	19.30
	DFT-s-OFDM 256QAM	1	1	17.94	17.92	17.92	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	18.40	18.37	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	18.38	18.45	18.42	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	18.34	18.43	18.48	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	18.33	18.46	18.37	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	18.40	18.42	18.31	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	18.43	18.37	18.48	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.28	18.33	18.39	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	18.33	18.50	18.38	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647500	656000	664500	
25MHz	DFT-s-OFDM QPSK	1	1	18.38	18.37	18.39	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	18.42	18.40	18.38	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	18.32	18.49	18.48	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	18.34	18.35	18.41	19.30

N77 PC2&3 Ant6 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	18.43	18.36	18.44	19.30
		1	131	18.40	18.45	18.41	19.30
		1	132	18.43	18.37	18.46	19.30
		2	0	18.31	18.49	18.31	19.30
		2	131	18.31	18.40	18.43	19.30
		64	32	18.37	18.46	18.40	19.30
		128	0	18.33	18.40	18.45	19.30
	DFT-s-OFDM QPSK	1	1	18.47	18.52	18.49	19.30
		1	131	18.45	18.36	18.48	19.30
		1	132	18.44	18.33	18.42	19.30
		2	0	18.32	18.33	18.31	19.30
		2	131	18.42	18.47	18.46	19.30
		64	32	18.40	18.38	18.49	19.30
		128	0	18.39	18.46	18.44	19.30
	DFT-s-OFDM 16QAM	1	1	18.43	18.41	18.35	19.30
	DFT-s-OFDM 64QAM	1	1	18.34	18.50	18.41	19.30
	DFT-s-OFDM 256QAM	1	1	17.94	17.92	17.92	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
50MHz	CP-OFDM QPSK	1	1	18.40	18.37	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
40MHz	DFT-s-OFDM QPSK	1	1	18.38	18.45	18.42	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
30MHz	DFT-s-OFDM QPSK	1	1	18.34	18.43	18.48	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
25MHz	DFT-s-OFDM QPSK	1	1	18.33	18.46	18.37	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
20MHz	DFT-s-OFDM QPSK	1	1	18.40	18.42	18.31	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
15MHz	DFT-s-OFDM QPSK	1	1	18.43	18.37	18.48	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
10MHz	DFT-s-OFDM QPSK	1	1	18.28	18.33	18.39	19.30

5 Conducted Power of WIFI

5.1 Conducted Power of WIFI2.4G

WIFI 2.4G Ant 7					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Full Power	
				Average Power (dBm)	Tune-up (dBm)
802.11b	1	2412	1	20.42	21.00
	6	2437		20.56	21.00
	11	2462		20.47	21.00
802.11g	1	2412	6	18.73	19.50
	6	2437		18.77	19.50
	11	2462		18.68	19.50
802.11n HT20	1	2412	6.5	18.25	19.00
	6	2437		18.35	19.00
	11	2462		18.33	19.00
802.11AX 20	1	2412	6.5	18.28	19.00
	6	2437		18.36	19.00
	11	2462		18.29	19.00
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Head Standalone	
				Average Power (dBm)	Tune-up (dBm)
802.11b	1	2412	1	18.36	19.00
	6	2437		18.52	19.00
	11	2462		18.47	19.00
802.11g	1	2412	6	18.28	19.00
	6	2437		18.39	19.00
	11	2462		18.34	19.00
802.11n HT20	1	2412	6.5	18.25	19.00
	6	2437		18.35	19.00
	11	2462		18.33	19.00
802.11AX 20	1	2412	6.5	18.28	19.00
	6	2437		18.36	19.00
	11	2462		18.29	19.00
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Head Simultaneous	
				Average Power (dBm)	Tune-up (dBm)
802.11b	1	2412	1	14.28	15.00
	6	2437		14.52	15.00
	11	2462		14.34	15.00
802.11g	1	2412	6	14.25	15.00

	6	2437		14.32	15.00
	11	2462		14.32	15.00
802.11n HT20	1	2412	6.5	14.21	15.00
	6	2437		14.22	15.00
	11	2462		14.13	15.00
802.11AX 20	1	2412	6.5	14.27	15.00
	6	2437		14.24	15.00
	11	2462		14.20	15.00

Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Hotspot	
				Average Power (dBm)	Tune-up (dBm)
802.11b	1	2412	1	17.24	18.00
	6	2437		17.45	18.00
	11	2462		17.37	18.00
802.11g	1	2412	6	17.09	18.00
	6	2437		17.23	18.00
	11	2462		17.22	18.00
802.11n HT20	1	2412	6.5	17.07	18.00
	6	2437		17.15	18.00
	11	2462		17.25	18.00
802.11AX 20	1	2412	6.5	17.22	18.00
	6	2437		17.21	18.00
	11	2462		17.14	18.00

WIFI 2.4G Ant 9					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Full Power	
				Average Power (dBm)	Tune-up (dBm)
802.11b	1	2412	1	20.68	21.00
	6	2437		20.69	21.00
	11	2462		20.57	21.00
802.11g	1	2412	6	18.63	19.50
	6	2437		18.76	19.50
	11	2462		18.75	19.50
802.11n HT20	1	2412	6.5	18.32	19.00
	6	2437		18.37	19.00
	11	2462		18.32	19.00
802.11AX 20	1	2412	6.5	18.26	19.00
	6	2437		18.39	19.00
	11	2462		18.31	19.00

WIFI 2.4G Ant 7+9							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Full Power	Full Power	Full Power&Body-worn Standalone	
				Average Power (dBm)-ANT7	Average Power (dBm)-ANT9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11b	1	2412	1				
	6	2437					
	11	2462					
802.11g	1	2412	6				
	6	2437					
	11	2462					
802.11n HT20	1	2412	6.5	18.25	18.32	21.30	22.00
	6	2437		18.35	18.37	21.37	22.00
	11	2462		18.33	18.32	21.34	22.00
802.11AX 20	1	2412	6.5	18.28	18.26	21.28	22.00
	6	2437		18.36	18.39	21.39	22.00
	11	2462		18.29	18.31	21.31	22.00

WIFI 2.4G Ant 7+9							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Head Simultaneous			
				Average Power (dBm)-ANT7	Average Power (dBm)-ANT9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11b	1	2412	1				
	6	2437					
	11	2462					
802.11g	1	2412	6				
	6	2437					
	11	2462					
802.11n HT20	1	2412	6.5	13.48	13.41	16.46	17.00
	6	2437		13.52	13.56	16.55	17.00
	11	2462		13.49	13.41	16.46	17.00
802.11AX 20	1	2412	6.5	13.52	13.43	16.49	17.00
	6	2437		13.34	13.42	16.39	17.00
	11	2462		13.36	13.43	16.41	17.00

WIFI 2.4G Ant 7+9							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Body-worn&Handheld Simultaneous			
				Average Power (dBm)-ANT7	Average Power (dBm)-ANT9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11b	1	2412	1				
	6	2437					

	11	2462					
802.11g	1	2412	6				
	6	2437					
	11	2462					
802.11n HT20	1	2412	6.5	13.94	14.01	16.99	17.50
	6	2437		14.05	14.06	17.07	17.50
	11	2462		13.95	14.00	16.99	17.50
802.11AX 20	1	2412	6.5	14.00	14.02	17.02	17.50
	6	2437		13.99	14.11	17.06	17.50
	11	2462		14.01	14.02	17.03	17.50

WIFI 2.4G Ant 7+9							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Head Standalone			
				Average Power (dBm)-ANT7	Average Power (dBm)-ANT9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11b	1	2412	1				
	6	2437					
	11	2462					
802.11g	1	2412	6				
	6	2437					
	11	2462					
802.11n HT20	1	2412	6.5	17.33	17.38	20.37	21.00
	6	2437		17.38	17.44	20.42	21.00
	11	2462		17.35	17.40	20.39	21.00
802.11AX 20	1	2412	6.5	17.32	17.21	20.28	21.00
	6	2437		17.30	17.43	20.38	21.00
	11	2462		17.31	17.40	20.37	21.00

WIFI 2.4G Ant 7+9							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Hotspot			
				Average Power (dBm)-ANT7	Average Power (dBm)-ANT9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11b	1	2412	1				
	6	2437					
	11	2462					
802.11g	1	2412	6				
	6	2437					
	11	2462					
802.11n HT20	1	2412	6.5	11.32	11.32	14.33	15.00
	6	2437		11.44	11.37	14.42	15.00
	11	2462		11.30	11.48	14.40	15.00

802.11AX 20	1	2412	6.5	11.42	11.29	14.37	15.00
	6	2437		11.25	11.43	14.35	15.00
	11	2462		11.23	11.46	14.36	15.00

5.2 Conducted Power of WIFI5G

WIFI 5G Ant7					Full Power	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	17.52	18.00
		40	5200		17.33	18.00
		44	5220		17.51	18.00
		48	5240		17.44	18.00
	U-NII-2A	52	5260		17.27	18.00
		56	5280		17.44	18.00
		60	5300		17.29	18.00
		64	5320		17.51	18.00
	U-NII-2C	100	5500		17.51	18.00
		104	5520		17.44	18.00
		108	5540		17.38	18.00
		112	5560		17.29	18.00
		116	5580		17.19	18.00
		120	5600		17.22	18.00
		124	5620		17.39	18.00
		128	5640		17.27	18.00
		132	5660		17.28	18.00
		136	5680		17.07	18.00
		140	5700		17.15	18.00
	U-NII-3	149	5745		17.67	18.00
		153	5765		17.58	18.00
		157	5785		17.55	18.00
		161	5805		17.32	18.00
		165	5825		17.49	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.79	17.00
		40	5200		15.92	17.00
		44	5220		15.88	17.00
		48	5240		16.02	17.00
	U-NII-2A	52	5260		16.31	17.00

		56	5280		16.27	17.00
		60	5300		16.19	17.00
		64	5320		16.98	17.00
	U-NII-2C	100	5500		16.52	17.00
		104	5520		16.61	17.00
		108	5540		16.42	17.00
		112	5560		16.33	17.00
		116	5580		16.47	17.00
		120	5600		16.38	17.00
		124	5620		16.51	17.00
		128	5640		16.44	17.00
		132	5660		16.27	17.00
		136	5680		16.22	17.00
		140	5700		16.39	17.00
	U-NII-3	149	5745		16.26	17.00
		153	5765		16.69	17.00
		157	5785		16.69	17.00
		161	5805		16.63	17.00
		165	5825		16.59	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	15.21	16.00
		46	5230		15.69	16.00
	U-NII-2A	54	5270		15.98	16.00
		62	5310		15.62	16.00
	U-NII-2C	102	5510		15.33	16.00
		110	5550		15.28	16.00
		118	5590		15.41	16.00
		126	5630		15.29	16.00
		134	5670		15.88	16.00
	U-NII-3	151	5755		15.98	16.00
		159	5795		15.61	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	16.02	17.00
		40	5200		16.11	17.00
		44	5220		15.98	17.00
		48	5240		16.13	17.00
	U-NII-2A	52	5260		16.51	17.00
		56	5280		16.47	17.00
		60	5300		16.58	17.00
		64	5320		16.62	17.00
	U-NII-2C	100	5500		16.57	17.00

		104	5520		16.42	17.00
		108	5540		16.59	17.00
		112	5560		16.55	17.00
		116	5580		16.68	17.00
		120	5600		16.37	17.00
		124	5620		16.61	17.00
		128	5640		16.52	17.00
		132	5660		16.43	17.00
		136	5680		16.58	17.00
		140	5700		16.49	17.00
	U-NII-3	149	5745		16.71	17.00
		153	5765		16.52	17.00
		157	5785		16.69	17.00
		161	5805		16.63	17.00
		165	5825		16.59	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.33	16.00
		46	5230		15.59	16.00
	U-NII-2A	54	5270		15.66	16.00
		62	5310		15.78	16.00
	U-NII-2C	102	5510		15.39	16.00
		110	5550		15.42	16.00
		118	5590		15.51	16.00
		126	5630		15.53	16.00
		134	5670		15.33	16.00
	U-NII-3	151	5755		15.78	16.00
		159	5795		15.74	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	15.27	16.00
	U-NII-2A	58	5290		15.32	16.00
	U-NII-2C	106	5530		15.21	16.00
		122	5610		15.18	16.00
	U-NII-3	155	5775		15.19	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	16.11	17.00
		40	5200		16.19	17.00
		44	5220		16.03	17.00
		48	5240		16.27	17.00
	U-NII-2A	52	5260		16.63	17.00
		56	5280		16.58	17.00

		60	5300		16.49	17.00
		64	5320		16.51	17.00
	U-NII-2C	100	5500		16.61	17.00
		104	5520		16.69	17.00
		108	5540		16.43	17.00
		112	5560		16.37	17.00
		116	5580		16.59	17.00
		120	5600		16.62	17.00
		124	5620		16.58	17.00
		128	5640		16.51	17.00
		132	5660		16.49	17.00
		136	5680		16.51	17.00
		140	5700		16.72	17.00
	U-NII-3	149	5745		16.71	17.00
		153	5765		16.62	17.00
		157	5785		16.77	17.00
		161	5805		16.62	17.00
		165	5825		16.51	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.53	16.00
		46	5230		15.67	16.00
	U-NII-2A	54	5270		15.78	16.00
		62	5310		15.81	16.00
	U-NII-2C	102	5510		15.55	16.00
		110	5550		15.59	16.00
		118	5590		15.62	16.00
		126	5630		15.67	16.00
		134	5670		15.52	16.00
	U-NII-3	151	5755		15.48	16.00
		159	5795		15.42	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	15.33	16.00
	U-NII-2A	58	5290		15.37	16.00
	U-NII-2C	106	5530		15.29	16.00
		122	5610		15.27	16.00
	U-NII-3	155	5775		15.22	16.00

WIFI 5G Ant7					Head Standalone	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	17.52	18.00

		40	5200		17.33	18.00
		44	5220		17.51	18.00
		48	5240		17.44	18.00
	U-NII-2A	52	5260		17.27	18.00
		56	5280		17.44	18.00
		60	5300		17.29	18.00
		64	5320		17.51	18.00
	U-NII-2C	100	5500		14.99	15.50
		104	5520		14.74	15.50
		108	5540		14.69	15.50
		112	5560		14.69	15.50
		116	5580		14.67	15.50
		120	5600		14.66	15.50
		124	5620		14.74	15.50
		128	5640		14.59	15.50
		132	5660		14.59	15.50
		136	5680		14.53	15.50
		140	5700		14.61	15.50
	U-NII-3	149	5745		14.04	14.50
		153	5765		13.90	14.50
		157	5785		13.92	14.50
		161	5805		13.81	14.50
		165	5825		13.90	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.79	17.00
		40	5200		15.92	17.00
		44	5220		15.88	17.00
		48	5240		16.02	17.00
	U-NII-2A	52	5260		16.31	17.00
		56	5280		16.27	17.00
		60	5300		16.19	17.00
		64	5320		16.98	17.00
	U-NII-2C	100	5500		14.95	15.50
		104	5520		15.09	15.50
		108	5540		14.92	15.50
		112	5560		14.70	15.50
		116	5580		14.96	15.50
		120	5600		14.87	15.50
		124	5620		14.85	15.50
		128	5640		14.89	15.50
		132	5660		14.61	15.50
		136	5680		14.56	15.50

		140	5700		14.83	15.50
	U-NII-3	149	5745		13.61	14.50
		153	5765		14.11	14.50
		157	5785		14.05	14.50
		161	5805		14.11	14.50
		165	5825		13.91	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	15.21	16.00
		46	5230		15.69	16.00
	U-NII-2A	54	5270		15.98	16.00
		62	5310		15.62	16.00
	U-NII-2C	102	5510		14.69	15.50
		110	5550		14.75	15.50
		118	5590		14.81	15.50
		126	5630		14.76	15.50
		134	5670		15.30	15.50
	U-NII-3	151	5755		14.30	14.50
		159	5795		14.07	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	16.02	17.00
		40	5200		16.11	17.00
		44	5220		15.98	17.00
		48	5240		16.13	17.00
	U-NII-2A	52	5260		16.51	17.00
		56	5280		16.47	17.00
		60	5300		16.58	17.00
		64	5320		16.62	17.00
	U-NII-2C	100	5500		14.89	15.50
		104	5520		14.72	15.50
		108	5540		15.01	15.50
		112	5560		15.05	15.50
		116	5580		15.10	15.50
		120	5600		14.80	15.50
		124	5620		14.95	15.50
		128	5640		14.89	15.50
		132	5660		14.85	15.50
		136	5680		14.98	15.50
		140	5700		14.88	15.50
	U-NII-3	149	5745		14.16	14.50
		153	5765		13.85	14.50
		157	5785		14.08	14.50

		161	5805		14.04	14.50
		165	5825		13.90	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.33	16.00
		46	5230		15.59	16.00
	U-NII-2A	54	5270		15.66	16.00
		62	5310		15.78	16.00
	U-NII-2C	102	5510		14.79	15.50
		110	5550		14.79	15.50
		118	5590		14.94	15.50
		126	5630		14.89	15.50
		134	5670		14.65	15.50
	U-NII-3	151	5755		14.12	14.50
		159	5795		14.19	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	15.27	16.00
	U-NII-2A	58	5290		15.32	16.00
	U-NII-2C	106	5530		14.83	15.50
		122	5610		14.72	15.50
	U-NII-3	155	5775		14.04	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	16.11	17.00
		40	5200		16.19	17.00
		44	5220		16.03	17.00
		48	5240		16.27	17.00
	U-NII-2A	52	5260		16.63	17.00
		56	5280		16.58	17.00
		60	5300		16.49	17.00
		64	5320		16.51	17.00
	U-NII-2C	100	5500		14.94	15.50
		104	5520		15.07	15.50
		108	5540		14.81	15.50
		112	5560		14.82	15.50
		116	5580		15.02	15.50
		120	5600		14.95	15.50
		124	5620		15.03	15.50
		128	5640		14.83	15.50
		132	5660		14.83	15.50
		136	5680		14.93	15.50
		140	5700		15.14	15.50

	U-NII-3	149	5745		14.17	14.50
		153	5765		14.03	14.50
		157	5785		14.20	14.50
		161	5805		13.98	14.50
		165	5825		13.98	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.53	16.00
		46	5230		15.67	16.00
	U-NII-2A	54	5270		15.78	16.00
		62	5310		15.81	16.00
	U-NII-2C	102	5510		15.05	15.50
		110	5550		15.04	15.50
		118	5590		15.01	15.50
		126	5630		15.12	15.50
		134	5670		15.00	15.50
	U-NII-3	151	5755		13.93	14.50
		159	5795		13.90	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	15.33	16.00
	U-NII-2A	58	5290		15.37	16.00
	U-NII-2C	106	5530		14.69	15.50
		122	5610		14.72	15.50
	U-NII-3	155	5775		13.54	14.50

WIFI 5G Ant7					Head Simultaneous	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	10.99	12.00
		40	5200		10.82	12.00
		44	5220		10.92	12.00
		48	5240		10.98	12.00
	U-NII-2A	52	5260		10.78	12.00
		56	5280		10.98	12.00
		60	5300		10.86	12.00
		64	5320		11.05	12.00
	U-NII-2C	100	5500		8.07	9.00
		104	5520		7.94	9.00
		108	5540		7.95	9.00
		112	5560		7.80	9.00
		116	5580		7.79	9.00
		120	5600		7.72	9.00

		124	5620		7.86	9.00
		128	5640		7.74	9.00
		132	5660		7.75	9.00
		136	5680		7.58	9.00
		140	5700		7.63	9.00
	U-NII-3	149	5745		8.14	9.00
		153	5765		8.10	9.00
		157	5785		8.14	9.00
		161	5805		7.85	9.00
		165	5825		8.04	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	10.28	12.00
		40	5200		10.47	12.00
		44	5220		10.38	12.00
		48	5240		10.61	12.00
	U-NII-2A	52	5260		10.83	12.00
		56	5280		10.76	12.00
		60	5300		10.66	12.00
		64	5320		11.54	12.00
	U-NII-2C	100	5500		7.93	9.00
		104	5520		8.11	9.00
		108	5540		7.93	9.00
		112	5560		7.92	9.00
		116	5580		7.97	9.00
		120	5600		7.83	9.00
		124	5620		8.11	9.00
		128	5640		7.98	9.00
		132	5660		7.86	9.00
		136	5680		7.68	9.00
		140	5700		7.97	9.00
	U-NII-3	149	5745		7.85	9.00
		153	5765		8.15	9.00
		157	5785		8.26	9.00
		161	5805		8.05	9.00
		165	5825		8.02	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	10.71	12.00
		46	5230		11.10	12.00
	U-NII-2A	54	5270		11.48	12.00
		62	5310		11.07	12.00
	U-NII-2C	102	5510		7.87	9.00

		110	5550		7.82	9.00
		118	5590		7.81	9.00
		126	5630		7.80	9.00
		134	5670		8.43	9.00
	U-NII-3	151	5755		8.46	9.00
		159	5795		8.19	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	10.51	12.00
		40	5200		10.58	12.00
		44	5220		10.55	12.00
		48	5240		10.72	12.00
	U-NII-2A	52	5260		10.94	12.00
		56	5280		10.94	12.00
		60	5300		11.02	12.00
		64	5320		11.21	12.00
	U-NII-2C	100	5500		8.16	9.00
		104	5520		7.87	9.00
		108	5540		8.11	9.00
		112	5560		8.13	9.00
		116	5580		8.17	9.00
		120	5600		7.92	9.00
		124	5620		8.16	9.00
		128	5640		8.04	9.00
		132	5660		7.89	9.00
		136	5680		7.99	9.00
		140	5700		7.93	9.00
	U-NII-3	149	5745		8.26	9.00
		153	5765		8.02	9.00
		157	5785		8.13	9.00
		161	5805		8.23	9.00
		165	5825		8.07	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	10.77	12.00
		46	5230		11.05	12.00
	U-NII-2A	54	5270		11.07	12.00
		62	5310		11.26	12.00
	U-NII-2C	102	5510		7.98	9.00
		110	5550		7.94	9.00
		118	5590		7.94	9.00
		126	5630		8.10	9.00
		134	5670		7.74	9.00

	U-NII-3	151	5755		8.24	9.00
		159	5795		8.17	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	10.77	12.00
	U-NII-2A	58	5290		10.73	12.00
	U-NII-2C	106	5530		7.69	9.00
		122	5610		7.60	9.00
	U-NII-3	155	5775		7.76	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	10.69	12.00
		40	5200		10.76	12.00
		44	5220		10.62	12.00
		48	5240		10.68	12.00
	U-NII-2A	52	5260		11.15	12.00
		56	5280		11.01	12.00
		60	5300		10.92	12.00
		64	5320		10.93	12.00
	U-NII-2C	100	5500		8.07	9.00
		104	5520		8.22	9.00
		108	5540		7.93	9.00
		112	5560		7.96	9.00
		116	5580		8.01	9.00
		120	5600		8.14	9.00
		124	5620		8.09	9.00
		128	5640		8.01	9.00
		132	5660		8.07	9.00
		136	5680		7.97	9.00
		140	5700		8.25	9.00
	U-NII-3	149	5745		8.23	9.00
		153	5765		8.10	9.00
		157	5785		8.23	9.00
		161	5805		8.10	9.00
		165	5825		7.92	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	10.99	12.00
		46	5230		11.07	12.00
	U-NII-2A	54	5270		11.29	12.00
		62	5310		11.38	12.00
	U-NII-2C	102	5510		8.06	9.00
		110	5550		8.09	9.00

		118	5590		8.09	9.00
		126	5630		8.23	9.00
		134	5670		7.99	9.00
	U-NII-3	151	5755		8.04	9.00
		159	5795		7.91	9.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	10.92	12.00
	U-NII-2A	58	5290		10.93	12.00
	U-NII-2C	106	5530		7.83	9.00
		122	5610		7.83	9.00
	U-NII-3	155	5775		7.69	9.00

WIFI 5G Ant7					Body-worn&Handheld Simultaneous	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	13.00	14.00
		40	5200		12.86	14.00
		44	5220		13.04	14.00
		48	5240		13.00	14.00
	U-NII-2A	52	5260		12.74	14.00
		56	5280		12.94	14.00
		60	5300		12.82	14.00
		64	5320		13.04	14.00
	U-NII-2C	100	5500		11.04	12.00
		104	5520		10.87	12.00
		108	5540		10.90	12.00
		112	5560		10.87	12.00
		116	5580		10.75	12.00
		120	5600		10.71	12.00
		124	5620		10.87	12.00
		128	5640		10.78	12.00
		132	5660		10.71	12.00
		136	5680		10.53	12.00
		140	5700		10.65	12.00
	U-NII-3	149	5745		12.20	13.00
		153	5765		12.06	13.00
		157	5785		12.03	13.00
		161	5805		11.75	13.00
		165	5825		12.00	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	12.30	14.00

		40	5200		12.47	14.00
		44	5220		12.47	14.00
		48	5240		12.45	14.00
	U-NII-2A	52	5260		12.82	14.00
		56	5280		12.82	14.00
		60	5300		12.77	14.00
		64	5320		13.52	14.00
	U-NII-2C	100	5500		11.05	12.00
		104	5520		11.13	12.00
		108	5540		10.97	12.00
		112	5560		10.83	12.00
		116	5580		10.87	12.00
		120	5600		10.91	12.00
		124	5620		11.09	12.00
		128	5640		10.92	12.00
		132	5660		10.82	12.00
		136	5680		10.75	12.00
		140	5700		10.95	12.00
	U-NII-3	149	5745		11.84	13.00
		153	5765		12.25	13.00
		157	5785		12.14	13.00
		161	5805		12.16	13.00
		165	5825		12.05	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	12.76	14.00
		46	5230		13.24	14.00
	U-NII-2A	54	5270		13.45	14.00
		62	5310		13.07	14.00
	U-NII-2C	102	5510		10.83	12.00
		110	5550		10.88	12.00
		118	5590		10.90	12.00
		126	5630		10.80	12.00
		134	5670		11.44	12.00
	U-NII-3	151	5755		12.51	13.00
		159	5795		12.02	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	12.55	14.00
		40	5200		12.60	14.00
		44	5220		12.50	14.00
		48	5240		12.69	14.00
	U-NII-2A	52	5260		12.96	14.00

		56	5280		12.88	14.00
		60	5300		13.00	14.00
		64	5320		13.03	14.00
	U-NII-2C	100	5500		11.15	12.00
		104	5520		10.87	12.00
		108	5540		11.08	12.00
		112	5560		10.95	12.00
		116	5580		11.22	12.00
		120	5600		10.82	12.00
		124	5620		11.15	12.00
		128	5640		10.93	12.00
		132	5660		10.98	12.00
		136	5680		11.04	12.00
		140	5700		11.09	12.00
	U-NII-3	149	5745		12.23	13.00
		153	5765		12.09	13.00
		157	5785		12.17	13.00
		161	5805		12.18	13.00
		165	5825		12.15	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	12.78	14.00
		46	5230		13.01	14.00
	U-NII-2A	54	5270		13.09	14.00
		62	5310		13.23	14.00
	U-NII-2C	102	5510		10.95	12.00
		110	5550		10.92	12.00
		118	5590		11.02	12.00
		126	5630		11.10	12.00
		134	5670		10.83	12.00
	U-NII-3	151	5755		12.37	13.00
		159	5795		12.15	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	12.86	14.00
	U-NII-2A	58	5290		12.78	14.00
	U-NII-2C	106	5530		10.77	12.00
		122	5610		10.65	12.00
	U-NII-3	155	5775		11.62	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	12.69	14.00
		40	5200		12.71	14.00

		44	5220		12.55	14.00
		48	5240		12.77	14.00
	U-NII-2A	52	5260		13.10	14.00
		56	5280		13.10	14.00
		60	5300		12.98	14.00
		64	5320		13.11	14.00
	U-NII-2C	100	5500		11.10	12.00
		104	5520		11.17	12.00
		108	5540		10.99	12.00
		112	5560		10.86	12.00
		116	5580		11.06	12.00
		120	5600		11.08	12.00
		124	5620		11.09	12.00
		128	5640		11.00	12.00
		132	5660		10.96	12.00
		136	5680		10.96	12.00
		140	5700		11.19	12.00
	U-NII-3	149	5745		12.28	13.00
		153	5765		12.17	13.00
		157	5785		12.22	13.00
		161	5805		12.07	13.00
		165	5825		12.05	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	13.10	14.00
		46	5230		13.11	14.00
	U-NII-2A	54	5270		13.24	14.00
		62	5310		13.27	14.00
	U-NII-2C	102	5510		11.02	12.00
		110	5550		11.08	12.00
		118	5590		11.10	12.00
		126	5630		11.13	12.00
		134	5670		11.04	12.00
	U-NII-3	151	5755		12.03	13.00
		159	5795		11.91	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	12.87	14.00
	U-NII-2A	58	5290		12.84	14.00
	U-NII-2C	106	5530		10.88	12.00
		122	5610		10.76	12.00
	U-NII-3	155	5775		11.70	13.00

WIFI 5G Ant7					Hotspot	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	16.10	17.00
		40	5200		15.78	17.00
		44	5220		15.99	17.00
		48	5240		16.01	17.00
	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		14.24	15.00
		153	5765		14.14	15.00
		157	5785		14.02	15.00
		161	5805		13.81	15.00
		165	5825		14.01	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.20	17.00
		40	5200		15.38	17.00
		44	5220		15.30	17.00
		48	5240		15.61	17.00
	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		13.75	15.00
		153	5765		14.18	15.00
		157	5785		14.11	15.00
		161	5805		14.21	15.00
		165	5825		14.12	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	12.76	14.00
		46	5230		13.24	14.00
	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		14.54	15.00
		159	5795		14.19	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	16.02	17.00
		40	5200		16.11	17.00
		44	5220		15.98	17.00
		48	5240		16.13	17.00
	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		14.29	15.00
		153	5765		13.93	15.00
		157	5785		14.13	15.00
		161	5805		14.11	15.00
		165	5825		14.02	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.33	16.00
		46	5230		15.59	16.00
	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		14.37	15.00
		159	5795		14.17	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	12.72	14.00
	U-NII-2A	58	5290			
	U-NII-2C	106	5530			
		122	5610			
	U-NII-3	155	5775		11.73	13.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	16.11	17.00
		40	5200		16.19	17.00
		44	5220		16.03	17.00
		48	5240			
	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		14.15	15.00
		153	5765		14.07	15.00
		157	5785		14.21	15.00
		161	5805		14.18	15.00
		165	5825		14.09	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.53	16.00
		46	5230		15.67	16.00
	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		13.96	15.00
		159	5795		13.93	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	15.33	16.00
	U-NII-2A	58	5290			
	U-NII-2C	106	5530			
		122	5610			
	U-NII-3	155	5775		13.81	15.00

WIFI5G Ant9					Full Power	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	17.13	18.00
		40	5200		17.41	18.00
		44	5220		17.53	18.00
		48	5240		17.59	18.00
	U-NII-2A	52	5260		17.18	18.00
		56	5280		17.32	18.00
		60	5300		17.44	18.00
		64	5320		17.55	18.00
	U-NII-2C	100	5500		17.68	18.00
		104	5520		17.71	18.00

		108	5540		17.28	18.00
		112	5560		17.33	18.00
		116	5580		17.39	18.00
		120	5600		17.41	18.00
		124	5620		17.36	18.00
		128	5640		17.33	18.00
		132	5660		17.35	18.00
		136	5680		17.19	18.00
		140	5700		17.02	18.00
	U-NII-3	149	5745		17.59	18.00
		153	5765		17.62	18.00
		157	5785		17.71	18.00
		161	5805		17.58	18.00
		165	5825		17.52	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.88	17.00
		40	5200		15.72	17.00
		44	5220		15.97	17.00
		48	5240		16.11	17.00
	U-NII-2A	52	5260		16.67	17.00
		56	5280		16.52	17.00
		60	5300		16.29	17.00
		64	5320		16.59	17.00
	U-NII-2C	100	5500		16.81	17.00
		104	5520		16.73	17.00
		108	5540		16.77	17.00
		112	5560		16.62	17.00
		116	5580		16.68	17.00
		120	5600		16.61	17.00
		124	5620		16.57	17.00
		128	5640		16.63	17.00
		132	5660		16.61	17.00
		136	5680		16.67	17.00
		140	5700		16.59	17.00
	U-NII-3	149	5745		16.68	17.00
		153	5765		16.77	17.00
		157	5785		16.62	17.00
		161	5805		16.59	17.00
		165	5825		16.64	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	15.01	16.00

		46	5230		15.21	16.00
	U-NII-2A	54	5270		15.69	16.00
		62	5310		15.53	16.00
	U-NII-2C	102	5510		15.52	16.00
		110	5550		15.33	16.00
		118	5590		15.48	16.00
		126	5630		15.42	16.00
		134	5670		15.39	16.00
	U-NII-3	151	5755		15.77	16.00
		159	5795		15.92	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	15.78	17.00
		40	5200		15.88	17.00
		44	5220		15.72	17.00
		48	5240		15.92	17.00
	U-NII-2A	52	5260		16.76	17.00
		56	5280		16.72	17.00
		60	5300		16.53	17.00
		64	5320		16.69	17.00
	U-NII-2C	100	5500		16.88	17.00
		104	5520		16.72	17.00
		108	5540		16.71	17.00
		112	5560		16.77	17.00
		116	5580		16.62	17.00
		120	5600		16.55	17.00
		124	5620		16.77	17.00
		128	5640		16.69	17.00
		132	5660		16.55	17.00
		136	5680		16.63	17.00
		140	5700		16.42	17.00
	U-NII-3	149	5745		16.89	17.00
		153	5765		16.77	17.00
		157	5785		16.87	17.00
		161	5805		16.75	17.00
		165	5825		16.79	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.21	16.00
		46	5230		15.42	16.00
	U-NII-2A	54	5270		15.77	16.00
		62	5310		15.82	16.00
	U-NII-2C	102	5510		15.51	16.00

		110	5550		15.42	16.00
		118	5590		15.69	16.00
		126	5630		15.71	16.00
		134	5670		15.49	16.00
	U-NII-3	151	5755		15.82	16.00
		159	5795		15.89	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	15.01	16.00
	U-NII-2A	58	5290		15.23	16.00
	U-NII-2C	106	5530		15.29	16.00
		122	5610		15.33	16.00
	U-NII-3	155	5775		15.27	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	15.98	17.00
		40	5200		15.88	17.00
		44	5220		15.92	17.00
		48	5240		16.01	17.00
	U-NII-2A	52	5260		16.77	17.00
		56	5280		16.63	17.00
		60	5300		16.79	17.00
		64	5320		16.62	17.00
	U-NII-2C	100	5500		16.91	17.00
		104	5520		16.87	17.00
		108	5540		16.85	17.00
		112	5560		16.73	17.00
		116	5580		16.79	17.00
		120	5600		16.61	17.00
		124	5620		16.68	17.00
		128	5640		16.55	17.00
		132	5660		16.61	17.00
		136	5680		16.57	17.00
		140	5700		16.59	17.00
	U-NII-3	149	5745		16.78	17.00
		153	5765		16.62	17.00
		157	5785		16.65	17.00
		161	5805		16.66	17.00
		165	5825		16.77	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.11	16.00
		46	5230		15.29	16.00

	U-NII-2A	54	5270		15.59	16.00
		62	5310		15.51	16.00
	U-NII-2C	102	5510		15.69	16.00
		110	5550		15.78	16.00
		118	5590		15.61	16.00
		126	5630		15.79	16.00
		134	5670		16.62	16.00
	U-NII-3	151	5755		15.53	16.00
		159	5795		15.57	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	14.98	16.00
	U-NII-2A	58	5290		15.27	16.00
	U-NII-2C	106	5530		15.41	16.00
		122	5610		15.47	16.00
	U-NII-3	155	5775		15.38	16.00

WIFI5G Ant9					Head Simultaneous	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	14.32	15.00
		40	5200		14.05	15.00
		44	5220		14.36	15.00
		48	5240		14.12	15.00
	U-NII-2A	52	5260		13.91	15.00
		56	5280		14.30	15.00
		60	5300		14.12	15.00
		64	5320		14.43	15.00
	U-NII-2C	100	5500		14.17	15.00
		104	5520		14.36	15.00
		108	5540		14.18	15.00
		112	5560		14.04	15.00
		116	5580		14.01	15.00
		120	5600		14.06	15.00
		124	5620		14.15	15.00
		128	5640		14.07	15.00
		132	5660		14.19	15.00
		136	5680		14.00	15.00
		140	5700		13.82	15.00
	U-NII-3	149	5745		15.58	16.00
		153	5765		15.39	16.00
		157	5785		15.51	16.00
		161	5805		15.32	16.00

		165	5825		15.43	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	13.59	15.00
		40	5200		13.68	15.00
		44	5220		13.81	15.00
		48	5240		13.79	15.00
	U-NII-2A	52	5260		14.22	15.00
		56	5280		14.09	15.00
		60	5300		13.87	15.00
		64	5320		14.67	15.00
	U-NII-2C	100	5500		14.26	15.00
		104	5520		14.60	15.00
		108	5540		14.28	15.00
		112	5560		14.05	15.00
		116	5580		14.37	15.00
		120	5600		14.28	15.00
		124	5620		14.36	15.00
		128	5640		14.27	15.00
		132	5660		13.99	15.00
		136	5680		14.09	15.00
		140	5700		14.24	15.00
	U-NII-3	149	5745		15.23	16.00
		153	5765		15.49	16.00
		157	5785		15.50	16.00
		161	5805		15.45	16.00
		165	5825		15.41	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	13.81	15.00
		46	5230		14.14	15.00
	U-NII-2A	54	5270		14.58	15.00
		62	5310		14.36	15.00
	U-NII-2C	102	5510		14.46	15.00
		110	5550		14.20	15.00
		118	5590		14.46	15.00
		126	5630		14.33	15.00
		134	5670		14.34	15.00
	U-NII-3	151	5755		15.77	16.00
		159	5795		15.92	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	13.79	15.00

		40	5200		13.91	15.00
		44	5220		13.74	15.00
		48	5240		14.00	15.00
	U-NII-2A	52	5260		14.20	15.00
		56	5280		14.38	15.00
		60	5300		14.35	15.00
		64	5320		14.46	15.00
	U-NII-2C	100	5500		14.24	15.00
		104	5520		14.22	15.00
		108	5540		14.31	15.00
		112	5560		14.39	15.00
		116	5580		14.32	15.00
		120	5600		14.21	15.00
		124	5620		14.33	15.00
		128	5640		14.46	15.00
		132	5660		14.26	15.00
		136	5680		14.48	15.00
		140	5700		14.22	15.00
	U-NII-3	149	5745		15.63	16.00
		153	5765		15.50	16.00
		157	5785		15.53	16.00
		161	5805		15.54	16.00
		165	5825		15.42	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	14.06	15.00
		46	5230		14.23	15.00
	U-NII-2A	54	5270		14.74	15.00
		62	5310		14.78	15.00
	U-NII-2C	102	5510		14.44	15.00
		110	5550		14.35	15.00
		118	5590		14.63	15.00
		126	5630		14.58	15.00
		134	5670		14.49	15.00
	U-NII-3	151	5755		15.82	16.00
		159	5795		15.89	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	13.84	15.00
	U-NII-2A	58	5290		14.18	15.00
	U-NII-2C	106	5530		14.14	15.00
		122	5610		14.32	15.00
	U-NII-3	155	5775		15.27	16.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	13.84	15.00
		40	5200		14.01	15.00
		44	5220		13.82	15.00
		48	5240		14.19	15.00
	U-NII-2A	52	5260		14.44	15.00
		56	5280		14.51	15.00
		60	5300		14.35	15.00
		64	5320		14.20	15.00
	U-NII-2C	100	5500		14.30	15.00
		104	5520		14.51	15.00
		108	5540		14.14	15.00
		112	5560		14.29	15.00
		116	5580		14.29	15.00
		120	5600		14.51	15.00
		124	5620		14.27	15.00
		128	5640		14.28	15.00
		132	5660		14.13	15.00
		136	5680		14.14	15.00
		140	5700		14.52	15.00
	U-NII-3	149	5745		15.55	16.00
		153	5765		15.62	16.00
		157	5785		15.68	16.00
		161	5805		15.47	16.00
		165	5825		15.36	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	14.10	15.00
		46	5230		14.14	15.00
	U-NII-2A	54	5270		14.50	15.00
		62	5310		14.46	15.00
	U-NII-2C	102	5510		14.68	15.00
		110	5550		14.77	15.00
		118	5590		14.44	15.00
		126	5630		14.76	15.00
		134	5670		15.61	15.00
	U-NII-3	151	5755		15.53	16.00
		159	5795		15.57	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	13.78	15.00
	U-NII-2A	58	5290		14.17	15.00

	U-NII-2C	106	5530		14.34	15.00
		122	5610		14.29	15.00
	U-NII-3	155	5775		15.38	16.00

WIFI5G Ant9					Body-worn&Handheld Simultaneous	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	17.13	18.00
		40	5200		17.41	18.00
		44	5220		17.53	18.00
		48	5240		17.59	18.00
	U-NII-2A	52	5260		17.18	18.00
		56	5280		17.32	18.00
		60	5300		17.44	18.00
		64	5320		17.55	18.00
	U-NII-2C	100	5500		15.35	16.00
		104	5520		15.43	16.00
		108	5540		15.22	16.00
		112	5560		15.11	16.00
		116	5580		15.14	16.00
		120	5600		15.18	16.00
		124	5620		15.26	16.00
		128	5640		15.14	16.00
		132	5660		15.26	16.00
		136	5680		15.06	16.00
		140	5700		14.97	16.00
	U-NII-3	149	5745		17.59	18.00
		153	5765		17.62	18.00
		157	5785		17.71	18.00
		161	5805		17.58	18.00
		165	5825		17.52	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.88	17.00
		40	5200		15.72	17.00
		44	5220		15.97	17.00
		48	5240		16.11	17.00
	U-NII-2A	52	5260		16.67	17.00
		56	5280		16.52	17.00
		60	5300		16.29	17.00
		64	5320		16.59	17.00
	U-NII-2C	100	5500		15.42	16.00
		104	5520		15.60	16.00

		108	5540		15.28	16.00
		112	5560		15.23	16.00
		116	5580		15.40	16.00
		120	5600		15.35	16.00
		124	5620		15.42	16.00
		128	5640		15.38	16.00
		132	5660		15.10	16.00
		136	5680		15.21	16.00
		140	5700		15.39	16.00
	U-NII-3	149	5745		16.68	17.00
		153	5765		16.77	17.00
		157	5785		16.62	17.00
		161	5805		16.59	17.00
		165	5825		16.64	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	15.01	16.00
		46	5230		15.21	16.00
	U-NII-2A	54	5270		15.69	16.00
		62	5310		15.53	16.00
	U-NII-2C	102	5510		15.52	16.00
		110	5550		15.33	16.00
		118	5590		15.48	16.00
		126	5630		15.42	16.00
		134	5670		15.39	16.00
	U-NII-3	151	5755		15.77	16.00
		159	5795		15.92	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	15.78	17.00
		40	5200		15.88	17.00
		44	5220		15.72	17.00
		48	5240		15.92	17.00
	U-NII-2A	52	5260		16.76	17.00
		56	5280		16.72	17.00
		60	5300		16.53	17.00
		64	5320		16.69	17.00
	U-NII-2C	100	5500		15.39	16.00
		104	5520		15.33	16.00
		108	5540		15.51	16.00
		112	5560		15.54	16.00
		116	5580		15.50	16.00
		120	5600		15.37	16.00

		124	5620		15.49	16.00
		128	5640		15.49	16.00
		132	5660		15.31	16.00
		136	5680		15.54	16.00
		140	5700		15.30	16.00
	U-NII-3	149	5745		16.89	17.00
		153	5765		16.77	17.00
		157	5785		16.87	17.00
		161	5805		16.75	17.00
		165	5825		16.79	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.21	16.00
		46	5230		15.42	16.00
	U-NII-2A	54	5270		15.77	16.00
		62	5310		15.82	16.00
	U-NII-2C	102	5510		15.51	16.00
		110	5550		15.42	16.00
		118	5590		15.69	16.00
		126	5630		15.71	16.00
		134	5670		15.49	16.00
	U-NII-3	151	5755		15.82	16.00
		159	5795		15.89	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	15.01	16.00
	U-NII-2A	58	5290		15.23	16.00
	U-NII-2C	106	5530		15.29	16.00
		122	5610		15.33	16.00
	U-NII-3	155	5775		15.27	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	16.11	17.00
		40	5200		16.19	17.00
		44	5220		16.03	17.00
		48	5240		16.27	17.00
	U-NII-2A	52	5260		16.77	17.00
		56	5280		16.63	17.00
		60	5300		16.79	17.00
		64	5320		16.62	17.00
	U-NII-2C	100	5500		15.42	16.00
		104	5520		15.54	16.00
		108	5540		15.26	16.00

		112	5560		15.30	16.00
		116	5580		15.44	16.00
		120	5600		15.59	16.00
		124	5620		15.45	16.00
		128	5640		15.40	16.00
		132	5660		15.32	16.00
		136	5680		15.34	16.00
		140	5700		15.54	16.00
	U-NII-3	149	5745		16.78	17.00
		153	5765		16.62	17.00
		157	5785		16.65	17.00
		161	5805		16.66	17.00
		165	5825		16.77	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.11	16.00
		46	5230		15.29	16.00
	U-NII-2A	54	5270		15.59	16.00
		62	5310		15.51	16.00
	U-NII-2C	102	5510		15.69	16.00
		110	5550		15.78	16.00
		118	5590		15.61	16.00
		126	5630		15.79	16.00
		134	5670		16.62	16.00
	U-NII-3	151	5755		15.53	16.00
		159	5795		15.57	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	14.98	16.00
	U-NII-2A	58	5290		15.27	16.00
	U-NII-2C	106	5530		15.41	16.00
		122	5610		15.47	16.00
	U-NII-3	155	5775		15.38	16.00

WIFI5G Ant9					Hotspot	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11a	U-NII-1	36	5180	6	17.13	18.00
		40	5200		17.41	18.00
		44	5220		17.53	18.00
		48	5240		17.59	18.00
	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		16.66	17.00
		153	5765		16.39	17.00
		157	5785		16.41	17.00
		161	5805		16.29	17.00
		165	5825		16.42	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT20	U-NII-1	36	5180	MCS0	15.88	17.00
		40	5200		15.72	17.00
		44	5220		15.97	17.00
		48	5240		16.11	17.00
	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		16.68	17.00
		153	5765		16.77	17.00
		157	5785		16.62	17.00
		161	5805		16.59	17.00

		165	5825		16.64	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11n-HT40	U-NII-1	38	5190	MCS0	15.01	16.00
		46	5230		15.21	16.00
	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		15.77	16.00
		159	5795		15.92	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-20	U-NII-1	36	5180	MCS0	15.78	17.00
		40	5200		15.88	17.00
		44	5220		15.72	17.00
		48	5240		15.92	17.00
	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		16.89	17.00
		153	5765		16.77	17.00
		157	5785		16.87	17.00
		161	5805		16.75	17.00
		165	5825		16.79	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac-40	U-NII-1	38	5190	MCS0	15.21	16.00

		46	5230		15.42	16.00
	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		15.82	16.00
		159	5795		15.89	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ac 80M	U-NII-1	42	5210	MCS0	15.01	16.00
	U-NII-2A	58	5290			
	U-NII-2C	106	5530			
		122	5610			
	U-NII-3	155	5775		15.27	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-20	U-NII-1	36	5180	MCS0	15.98	17.00
		40	5200		15.88	17.00
		44	5220		15.92	17.00
		48	5240		16.01	17.00
	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		16.78	17.00
		153	5765		16.62	17.00
		157	5785		16.65	17.00
		161	5805		16.66	17.00
		165	5825		16.77	17.00

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax-40	U-NII-1	38	5190	MCS0	15.11	16.00
		46	5230		15.29	16.00
	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		15.53	16.00
		159	5795		15.57	16.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune-up (dBm)
802.11ax 80M	U-NII-1	42	5210	MCS0	14.98	16.00
	U-NII-2A	58	5290			
	U-NII-2C	106	5530			
		122	5610			
	U-NII-3	155	5775		15.38	16.00

WIFI5G Ant7+9					Full Power			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11a	U-NII-1	36	5180	6	17.52	17.13		
		40	5200		17.33	17.41		
		44	5220		17.51	17.53		
		48	5240		17.44	17.59		
	U-NII-2A	52	5260		17.27	17.18		
		56	5280		17.44	17.32		
		60	5300		17.29	17.44		
		64	5320		17.51	17.55		
	U-NII-2C	100	5500		17.51	17.68		
		104	5520		17.44	17.71		
		108	5540		17.38	17.28		
		112	5560		17.29	17.33		
		116	5580		17.19	17.39		
		120	5600		17.22	17.41		
		124	5620		17.39	17.36		
		128	5640		17.27	17.33		
		132	5660		17.28	17.35		
		136	5680		17.07	17.19		
		140	5700		17.15	17.02		

	U-NII-3	149	5745		17.67	17.59		
		153	5765		17.58	17.62		
		157	5785		17.55	17.71		
		161	5805		17.32	17.58		
		165	5825		17.49	17.52		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	15.79	15.88	18.85	20.00
		40	5200		15.92	15.72	18.83	20.00
		44	5220		15.88	15.97	18.94	20.00
		48	5240		16.02	16.11	19.08	20.00
	U-NII-2A	52	5260		16.31	16.67	19.50	20.00
		56	5280		16.27	16.52	19.41	20.00
		60	5300		16.19	16.29	19.25	20.00
		64	5320		16.98	16.59	19.80	20.00
	U-NII-2C	100	5500		16.52	16.81	19.68	20.00
		104	5520		16.61	16.73	19.68	20.00
		108	5540		16.42	16.77	19.61	20.00
		112	5560		16.33	16.62	19.49	20.00
		116	5580		16.47	16.68	19.59	20.00
		120	5600		16.38	16.61	19.51	20.00
		124	5620		16.51	16.57	19.55	20.00
		128	5640		16.44	16.63	19.55	20.00
		132	5660		16.27	16.61	19.45	20.00
		136	5680		16.22	16.67	19.46	20.00
		140	5700		16.39	16.59	19.50	20.00
	U-NII-3	149	5745		16.26	16.68	19.49	20.00
		153	5765		16.69	16.77	19.74	20.00
		157	5785		16.69	16.62	19.67	20.00
		161	5805		16.63	16.59	19.62	20.00
		165	5825		16.59	16.64	19.63	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	15.21	15.01	18.12	19.00
		46	5230		15.69	15.21	18.47	19.00
	U-NII-2A	54	5270		15.98	15.69	18.85	19.00
		62	5310		15.62	15.53	18.59	19.00
	U-NII-2C	102	5510		15.33	15.52	18.44	19.00
		110	5550		15.28	15.33	18.32	19.00
		118	5590		15.41	15.48	18.46	19.00
		126	5630		15.29	15.42	18.37	19.00
		134	5670		15.88	15.39	18.65	19.00

	U-NII-3	151	5755		15.98	15.77	18.89	19.00
		159	5795		15.61	15.92	18.78	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	16.02	15.78	18.91	20.00
		40	5200		16.11	15.88	19.01	20.00
		44	5220		15.98	15.72	18.86	20.00
		48	5240		16.13	15.92	19.04	20.00
	U-NII-2A	52	5260		16.51	16.76	19.65	20.00
		56	5280		16.47	16.72	19.61	20.00
		60	5300		16.58	16.53	19.57	20.00
		64	5320		16.62	16.69	19.67	20.00
	U-NII-2C	100	5500		16.57	16.88	19.74	20.00
		104	5520		16.42	16.72	19.58	20.00
		108	5540		16.59	16.71	19.66	20.00
		112	5560		16.55	16.77	19.67	20.00
		116	5580		16.68	16.62	19.66	20.00
		120	5600		16.37	16.55	19.47	20.00
		124	5620		16.61	16.77	19.70	20.00
		128	5640		16.52	16.69	19.62	20.00
		132	5660		16.43	16.55	19.50	20.00
		136	5680		16.58	16.63	19.62	20.00
		140	5700		16.49	16.42	19.47	20.00
	U-NII-3	149	5745		16.71	16.89	19.81	20.00
		153	5765		16.52	16.77	19.66	20.00
		157	5785		16.69	16.87	19.79	20.00
		161	5805		16.63	16.75	19.70	20.00
		165	5825		16.59	16.79	19.70	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	15.33	15.21	18.28	19.00
		46	5230		15.59	15.42	18.52	19.00
	U-NII-2A	54	5270		15.66	15.77	18.73	19.00
		62	5310		15.78	15.82	18.81	19.00
	U-NII-2C	102	5510		15.39	15.51	18.46	19.00
		110	5550		15.42	15.42	18.43	19.00
		118	5590		15.51	15.69	18.61	19.00
		126	5630		15.53	15.71	18.63	19.00
		134	5670		15.33	15.49	18.42	19.00
	U-NII-3	151	5755		15.78	15.82	18.81	19.00
		159	5795		15.74	15.89	18.83	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power	Tune-up (dBm)-MIMO

					Ant7	Ant9	(dBm)-MIMO	
802.11ac 80M	U-NII-1	42	5210	MCS0	15.27	15.01	18.15	19.00
	U-NII-2A	58	5290		15.32	15.23	18.29	19.00
	U-NII-2C	106	5530		15.21	15.29	18.26	17.00
		122	5610		15.18	15.33	18.27	17.00
	U-NII-3	155	5775		15.19	15.27	18.24	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-20	U-NII-1	36	5180	MCS0	16.11	15.98	19.06	20.00
		40	5200		16.19	15.88	19.05	20.00
		44	5220		16.03	15.92	18.99	20.00
		48	5240		16.27	16.01	19.15	20.00
	U-NII-2A	52	5260		16.63	16.77	19.71	20.00
		56	5280		16.58	16.63	19.62	20.00
		60	5300		16.49	16.79	19.65	20.00
		64	5320		16.51	16.62	19.58	20.00
	U-NII-2C	100	5500		16.61	16.91	19.77	20.00
		104	5520		16.69	16.87	19.79	20.00
		108	5540		16.43	16.85	19.66	20.00
		112	5560		16.37	16.73	19.56	20.00
		116	5580		16.59	16.79	19.70	20.00
		120	5600		16.62	16.61	19.63	20.00
		124	5620		16.58	16.68	19.64	20.00
		128	5640		16.51	16.55	19.54	20.00
		132	5660		16.49	16.61	19.56	20.00
		136	5680		16.51	16.57	19.55	20.00
		140	5700		16.72	16.59	19.67	20.00
	U-NII-3	149	5745		16.71	16.78	19.76	20.00
		153	5765		16.62	16.62	19.63	20.00
		157	5785		16.77	16.65	19.72	20.00
		161	5805		16.62	16.66	19.65	20.00
		165	5825		16.51	16.77	19.65	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-40	U-NII-1	38	5190	MCS0	15.53	15.11	18.34	19.00
		46	5230		15.67	15.29	18.49	19.00
	U-NII-2A	54	5270		15.78	15.59	18.70	19.00
		62	5310		15.81	15.51	18.67	19.00
	U-NII-2C	102	5510		15.55	15.69	18.63	19.00
		110	5550		15.59	15.78	18.70	19.00
		118	5590		15.62	15.61	18.63	19.00

		126	5630		15.67	15.79	18.74	19.00
		134	5670		15.52	16.62	19.12	19.00
	U-NII-3	151	5755		15.48	15.53	18.52	19.00
		159	5795		15.42	15.57	18.51	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax 80M	U-NII-1	42	5210	MCS0	15.33	14.98	18.17	19.00
	U-NII-2A	58	5290		15.37	15.27	18.33	19.00
	U-NII-2C	106	5530		15.29	15.41	18.36	19.00
		122	5610		15.27	15.47	18.38	19.00
	U-NII-3	155	5775		15.22	15.38	18.31	19.00

WIFI5G Ant7+9					Head Standalone			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11a	U-NII-1	36	5180	6				
		40	5200					
		44	5220					
		48	5240					
	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					
		153	5765					
		157	5785					
		161	5805					
		165	5825					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-	U-NII-1	36	5180	MCS0	15.79	15.88	18.85	20.00

HT20		40	5200		15.92	15.72	18.83	20.00
		44	5220		15.88	15.97	18.94	20.00
		48	5240		16.02	16.11	19.08	20.00
	U-NII-2A	52	5260		16.31	16.67	19.50	20.00
		56	5280		16.27	16.52	19.41	20.00
		60	5300		16.19	16.29	19.25	20.00
		64	5320		16.98	16.59	19.80	20.00
	U-NII-2C	100	5500		13.48	13.46	16.48	17.00
		104	5520		13.44	13.52	16.49	17.00
		108	5540		13.36	13.31	16.35	17.00
		112	5560		13.26	13.20	16.24	17.00
		116	5580		13.43	13.27	16.36	17.00
		120	5600		13.35	13.34	16.36	17.00
		124	5620		13.46	13.45	16.47	17.00
		128	5640		13.30	13.33	16.33	17.00
		132	5660		13.15	13.17	16.17	17.00
		136	5680		13.18	13.15	16.18	17.00
		140	5700		13.25	13.37	16.32	17.00
	U-NII-3	149	5745		14.65	14.59	17.63	18.50
		153	5765		15.11	15.03	18.08	18.50
		157	5785		15.03	15.19	18.12	18.50
		161	5805		15.00	15.00	18.01	18.50
		165	5825		15.02	15.06	18.05	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	15.21	15.01	18.12	19.00
		46	5230		15.69	15.21	18.47	19.00
	U-NII-2A	54	5270		15.98	15.69	18.85	19.00
		62	5310		15.62	15.53	18.59	19.00
	U-NII-2C	102	5510		13.26	15.52	17.55	17.00
		110	5550		13.10	15.33	17.37	17.00
		118	5590		13.40	15.48	17.57	17.00
		126	5630		13.20	15.42	17.46	17.00
		134	5670		13.68	15.39	17.63	17.00
	U-NII-3	151	5755		15.31	15.77	18.56	18.50
		159	5795		15.10	15.92	18.54	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	16.02	15.78	18.91	20.00
		40	5200		16.11	15.88	19.01	20.00
		44	5220		15.98	15.72	18.86	20.00
		48	5240		16.13	15.92	19.04	20.00

	U-NII-2A	52	5260		16.51	16.76	19.65	20.00
		56	5280		16.47	16.72	19.61	20.00
		60	5300		16.58	16.53	19.57	20.00
		64	5320		16.62	16.69	19.67	20.00
	U-NII-2C	100	5500		13.41	13.50	16.47	17.00
		104	5520		13.31	13.31	16.32	17.00
		108	5540		13.57	13.57	16.58	17.00
		112	5560		13.36	13.45	16.42	17.00
		116	5580		13.63	13.54	16.60	17.00
		120	5600		13.29	13.18	16.25	17.00
		124	5620		13.57	13.60	16.60	17.00
		128	5640		13.34	13.48	16.42	17.00
		132	5660		13.42	13.36	16.40	17.00
		136	5680		13.46	13.47	16.48	17.00
		140	5700		13.30	13.36	16.34	17.00
	U-NII-3	149	5745		15.04	15.21	18.14	18.50
		153	5765		14.97	14.82	17.91	18.50
		157	5785		15.18	15.12	18.16	18.50
		161	5805		15.07	15.08	18.09	18.50
		165	5825		14.92	15.06	18.00	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	15.33	15.21	18.28	19.00
		46	5230		15.59	15.42	18.52	19.00
	U-NII-2A	54	5270		15.66	15.77	18.73	19.00
		62	5310		15.78	15.82	18.81	19.00
	U-NII-2C	102	5510		13.22	13.19	16.22	17.00
		110	5550		13.31	13.27	16.30	17.00
		118	5590		13.40	13.33	16.38	17.00
		126	5630		13.38	13.42	16.41	17.00
		134	5670		13.16	13.27	16.23	17.00
	U-NII-3	151	5755		15.17	15.28	18.24	18.50
		159	5795		15.23	15.04	18.15	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	15.27	15.01	18.15	19.00
	U-NII-2A	58	5290		15.32	15.23	18.29	19.00
	U-NII-2C	106	5530		13.42	13.43	16.44	17.00
		122	5610		13.36	13.31	16.35	17.00
	U-NII-3	155	5775		15.16	15.03	18.11	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO

802.11ax-20	U-NII-1	36	5180	MCS0	16.11	15.98	19.06	20.00
		40	5200		16.19	15.88	19.05	20.00
		44	5220		16.03	15.92	18.99	20.00
		48	5240		16.27	16.01	19.15	20.00
	U-NII-2A	52	5260		16.63	16.77	19.71	20.00
		56	5280		16.58	16.63	19.62	20.00
		60	5300		16.49	16.79	19.65	20.00
		64	5320		16.51	16.62	19.58	20.00
	U-NII-2C	100	5500		13.51	13.45	16.49	17.00
		104	5520		13.64	13.66	16.66	17.00
		108	5540		13.40	13.41	16.42	17.00
		112	5560		13.32	13.24	16.29	17.00
		116	5580		13.55	13.40	16.49	17.00
		120	5600		13.43	13.61	16.53	17.00
		124	5620		13.44	13.52	16.49	17.00
		128	5640		13.51	13.48	16.51	17.00
		132	5660		13.38	13.42	16.41	17.00
		136	5680		13.38	13.38	16.39	17.00
		140	5700		13.61	13.65	16.64	17.00
	U-NII-3	149	5745		15.11	15.05	18.09	18.50
		153	5765		14.97	14.98	17.99	18.50
		157	5785		15.25	15.07	18.17	18.50
		161	5805		15.00	14.95	17.99	18.50
		165	5825		14.88	15.01	17.96	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-40	U-NII-1	38	5190	MCS0	15.53	15.11	18.34	19.00
		46	5230		15.67	15.29	18.49	19.00
	U-NII-2A	54	5270		15.78	15.59	18.70	19.00
		62	5310		15.81	15.51	18.67	19.00
	U-NII-2C	102	5510		13.38	13.55	16.48	17.00
		110	5550		13.53	13.52	16.54	17.00
		118	5590		13.50	13.52	16.52	17.00
		126	5630		13.53	13.56	16.56	17.00
		134	5670		13.47	13.48	16.49	17.00
	U-NII-3	151	5755		14.94	14.85	17.91	18.50
		159	5795		14.85	14.74	17.81	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax 80M	U-NII-1	42	5210	MCS0	15.33	14.98	18.17	19.00
	U-NII-2A	58	5290		15.37	15.27	18.33	19.00
	U-NII-	106	5530		13.25	13.20	16.24	17.00

	2C	122	5610		13.09	13.09	16.10	17.00
	U-NII-3	155	5775		14.70	14.68	17.70	18.50

WIFI5G Ant7+9					Head Simultaneous			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11a	U-NII-1	36	5180	6				
		40	5200					
		44	5220					
		48	5240					
	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					
		153	5765					
		157	5785					
		161	5805					
		165	5825					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	11.76	11.76	14.77	16.50
		40	5200		12.11	11.91	15.02	16.50
		44	5220		11.81	11.94	14.89	16.50
		48	5240		12.07	12.05	15.07	16.50
	U-NII-2A	52	5260		12.33	12.27	15.31	16.50
		56	5280		12.41	12.21	15.32	16.50
		60	5300		12.17	12.25	15.22	16.50
		64	5320		12.95	12.83	15.90	16.50
	U-NII-2C	100	5500		8.13	8.06	11.11	12.00
		104	5520		8.29	8.16	11.24	12.00

		108	5540		8.03	8.01	11.03	12.00
		112	5560		7.97	7.85	10.92	12.00
		116	5580		8.16	8.07	11.13	12.00
		120	5600		8.04	8.06	11.06	12.00
		124	5620		8.20	8.07	11.15	12.00
		128	5640		8.07	8.10	11.10	12.00
		132	5660		7.92	7.92	10.93	12.00
		136	5680		7.78	7.85	10.83	12.00
		140	5700		8.02	8.08	11.06	12.00
	U-NII-3	149	5745		7.80	7.85	10.84	12.00
		153	5765		8.30	8.37	11.35	12.00
		157	5785		8.33	8.26	11.31	12.00
		161	5805		8.26	8.21	11.25	12.00
		165	5825		8.22	8.12	11.18	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	12.25	12.21	15.24	16.50
		46	5230		12.74	12.62	15.69	16.50
	U-NII-2A	54	5270		12.90	12.81	15.87	16.50
		62	5310		12.64	12.70	15.68	16.50
	U-NII-2C	102	5510		7.98	7.84	10.92	12.00
		110	5550		7.92	7.89	10.92	12.00
		118	5590		8.11	7.94	11.04	12.00
		126	5630		7.88	7.92	10.91	12.00
		134	5670		8.38	8.57	11.49	12.00
	U-NII-3	151	5755		8.67	8.59	11.64	12.00
		159	5795		8.21	8.22	11.23	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	11.96	11.99	14.99	16.50
		40	5200		12.16	12.06	15.12	16.50
		44	5220		11.95	11.87	14.92	16.50
		48	5240		12.10	11.96	15.04	16.50
	U-NII-2A	52	5260		12.45	12.53	15.50	16.50
		56	5280		12.51	12.58	15.56	16.50
		60	5300		12.44	12.70	15.58	16.50
		64	5320		12.63	12.62	15.64	16.50
	U-NII-2C	100	5500		8.14	8.22	11.19	12.00
		104	5520		8.05	7.96	11.02	12.00
		108	5540		8.29	8.22	11.27	12.00
		112	5560		8.21	8.14	11.19	12.00
		116	5580		8.24	8.30	11.28	12.00

		120	5600		7.92	7.90	10.92	12.00
		124	5620		8.15	8.16	11.17	12.00
		128	5640		8.19	8.19	11.20	12.00
		132	5660		8.05	7.94	11.01	12.00
		136	5680		8.17	8.16	11.18	12.00
		140	5700		8.11	8.11	11.12	12.00
	U-NII-3	149	5745		8.38	8.37	11.39	12.00
		153	5765		8.14	8.09	11.13	12.00
		157	5785		8.39	8.22	11.32	12.00
		161	5805		8.30	8.18	11.25	12.00
		165	5825		8.26	8.10	11.19	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	12.34	12.27	15.32	16.50
		46	5230		12.44	12.57	15.52	16.50
	U-NII-2A	54	5270		12.73	12.67	15.71	16.50
		62	5310		12.65	12.78	15.73	16.50
	U-NII-2C	102	5510		8.04	7.96	11.01	12.00
		110	5550		8.04	7.97	11.02	12.00
		118	5590		8.01	8.05	11.04	12.00
		126	5630		8.19	8.14	11.18	12.00
		134	5670		7.86	8.02	10.95	12.00
	U-NII-3	151	5755		8.39	8.28	11.35	12.00
		159	5795		8.25	8.25	11.26	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	12.24	12.27	15.27	16.50
	U-NII-2A	58	5290		12.30	12.15	15.24	16.50
	U-NII-2C	106	5530		9.74	9.84	12.80	12.00
		122	5610		9.75	9.79	12.78	12.00
	U-NII-3	155	5775		7.69	7.76	10.74	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-20	U-NII-1	36	5180	MCS0	12.22	12.20	15.22	16.50
		40	5200		12.14	12.25	15.21	16.50
		44	5220		12.01	12.06	15.05	16.50
		48	5240		12.22	12.32	15.28	16.50
	U-NII-2A	52	5260		12.58	12.60	15.60	16.50
		56	5280		12.69	12.57	15.64	16.50
		60	5300		12.49	12.40	15.46	16.50
		64	5320		12.47	12.52	15.51	16.50
	U-NII-	100	5500		8.25	8.28	11.28	12.00

	2C	104	5520		8.31	8.31	11.32	12.00
		108	5540		8.12	7.96	11.05	12.00
		112	5560		7.92	8.06	11.00	12.00
		116	5580		8.23	8.12	11.19	12.00
		120	5600		8.14	8.13	11.15	12.00
		124	5620		8.18	8.24	11.22	12.00
		128	5640		8.03	8.12	11.09	12.00
		132	5660		8.06	8.17	11.13	12.00
		136	5680		8.04	8.13	11.10	12.00
		140	5700		8.34	8.24	11.30	12.00
	U-NII-3	149	5745		8.39	8.28	11.35	12.00
		153	5765		8.26	8.18	11.23	12.00
		157	5785		8.39	8.42	11.42	12.00
		161	5805		8.25	8.29	11.28	12.00
		165	5825		8.11	8.20	11.17	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-40	U-NII-1	38	5190	MCS0	12.56	12.54	15.56	16.50
		46	5230		12.70	12.68	15.70	16.50
	U-NII-2A	54	5270		12.83	12.86	15.86	16.50
		62	5310		12.70	12.72	15.72	16.50
	U-NII-2C	102	5510		8.24	8.08	11.17	12.00
		110	5550		8.24	8.12	11.19	12.00
		118	5590		8.26	8.21	11.25	12.00
		126	5630		8.22	8.32	11.28	12.00
		134	5670		8.09	8.21	11.16	12.00
	U-NII-3	151	5755		8.09	8.16	11.14	12.00
		159	5795		8.12	8.12	11.13	12.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax 80M	U-NII-1	42	5210	MCS0	12.36	12.36	15.37	16.50
	U-NII-2A	58	5290		12.44	12.47	15.47	16.50
	U-NII-2C	106	5530		7.95	7.86	10.92	12.00
		122	5610		7.84	7.80	10.83	12.00
	U-NII-3	155	5775		7.76	7.77	10.78	12.00

WIFI5G Ant7+9					Body-worn&Handheld Simultaneous			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11a	U-NII-1	36	5180	6				
		40	5200					
		44	5220					

		48	5240					
	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					
		153	5765					
		157	5785					
		161	5805					
		165	5825					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	10.47	10.40	13.45	15.00
		40	5200		10.52	10.57	13.56	15.00
		44	5220		10.39	10.47	13.44	15.00
		48	5240		10.70	10.62	13.67	15.00
	U-NII-2A	52	5260		10.89	10.95	13.93	15.00
		56	5280		10.93	10.80	13.88	15.00
		60	5300		10.82	10.78	13.81	15.00
		64	5320		11.51	11.55	14.54	15.00
	U-NII-2C	100	5500		10.12	10.07	13.11	14.00
		104	5520		10.16	10.15	13.17	14.00
		108	5540		10.04	10.12	13.09	14.00
		112	5560		9.98	9.97	12.99	14.00
		116	5580		10.04	10.00	13.03	14.00
		120	5600		10.02	9.99	13.02	14.00
		124	5620		10.15	10.08	13.13	14.00
		128	5640		10.10	10.09	13.11	14.00
		132	5660		9.91	9.82	12.88	14.00
		136	5680		9.75	9.91	12.84	14.00
		140	5700		9.94	10.08	13.02	14.00

	U-NII-3	149	5745		9.78	9.88	12.84	14.00
		153	5765		10.37	10.20	13.30	14.00
		157	5785		10.29	10.29	13.30	14.00
		161	5805		10.27	10.20	13.25	14.00
		165	5825		10.24	10.24	13.25	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	10.73	10.76	13.76	15.00
		46	5230		11.30	11.27	14.30	15.00
	U-NII-2A	54	5270		11.48	11.51	14.51	15.00
		62	5310		11.24	11.29	14.28	15.00
	U-NII-2C	102	5510		10.00	10.02	13.02	14.00
		110	5550		9.86	9.80	12.84	14.00
		118	5590		10.00	9.94	12.98	14.00
		126	5630		9.91	9.89	12.91	14.00
		134	5670		10.43	10.53	13.49	14.00
	U-NII-3	151	5755		10.59	10.63	13.62	14.00
		159	5795		10.20	10.30	13.26	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	10.64	10.69	13.68	15.00
		40	5200		10.71	10.63	13.68	15.00
		44	5220		10.49	10.56	13.54	15.00
		48	5240		10.65	10.80	13.74	15.00
	U-NII-2A	52	5260		11.18	11.19	14.20	15.00
		56	5280		11.15	11.01	14.09	15.00
		60	5300		11.23	11.16	14.21	15.00
		64	5320		11.27	11.25	14.27	15.00
	U-NII-2C	100	5500		10.23	10.07	13.16	14.00
		104	5520		9.94	10.09	13.03	14.00
		108	5540		10.09	10.16	13.14	14.00
		112	5560		10.22	10.08	13.16	14.00
		116	5580		10.28	10.27	13.29	14.00
		120	5600		10.02	9.98	13.01	14.00
		124	5620		10.15	10.15	13.16	14.00
		128	5640		10.05	10.04	13.06	14.00
		132	5660		10.08	9.95	13.03	14.00
		136	5680		10.26	10.17	13.23	14.00
		140	5700		10.05	10.18	13.13	14.00
	U-NII-3	149	5745		10.28	10.39	13.35	14.00
		153	5765		10.08	10.13	13.12	14.00
		157	5785		10.27	10.21	13.25	14.00

		161	5805		10.19	10.25	13.23	14.00
		165	5825		10.18	10.13	13.17	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	10.87	10.95	13.92	15.00
		46	5230		11.18	11.21	14.21	15.00
	U-NII-2A	54	5270		11.19	11.30	14.26	15.00
		62	5310		11.43	11.42	14.44	15.00
	U-NII-2C	102	5510		9.90	10.00	12.96	14.00
		110	5550		9.98	10.11	13.06	14.00
		118	5590		10.04	10.08	13.07	14.00
		126	5630		10.03	10.04	13.05	14.00
		134	5670		9.99	9.92	12.97	14.00
	U-NII-3	151	5755		10.45	10.44	13.46	14.00
		159	5795		10.41	10.24	13.34	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	10.81	10.94	13.89	15.00
	U-NII-2A	58	5290		10.92	10.83	13.89	15.00
	U-NII-2C	106	5530		11.72	11.78	14.76	14.00
		122	5610		11.82	11.82	14.83	14.00
	U-NII-3	155	5775		9.84	9.83	12.85	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-20	U-NII-1	36	5180	MCS0	10.65	10.70	13.69	15.00
		40	5200		10.80	10.84	13.83	15.00
		44	5220		10.66	10.56	13.62	15.00
		48	5240		10.78	10.90	13.85	15.00
	U-NII-2A	52	5260		11.21	11.28	14.26	15.00
		56	5280		11.10	11.17	14.15	15.00
		60	5300		11.00	11.15	14.09	15.00
		64	5320		11.09	11.05	14.08	15.00
	U-NII-2C	100	5500		10.18	10.30	13.25	14.00
		104	5520		10.24	10.37	13.32	14.00
		108	5540		10.11	10.10	13.12	14.00
		112	5560		10.04	10.05	13.06	14.00
		116	5580		10.15	10.11	13.14	14.00
		120	5600		10.28	10.16	13.23	14.00
		124	5620		10.27	10.16	13.23	14.00
		128	5640		10.09	10.20	13.16	14.00
		132	5660		10.08	10.03	13.07	14.00
		136	5680		10.10	10.06	13.09	14.00

		140	5700		10.34	10.27	13.32	14.00
	U-NII-3	149	5745		10.30	10.25	13.29	14.00
		153	5765		10.23	10.22	13.24	14.00
		157	5785		10.41	10.30	13.37	14.00
		161	5805		10.12	10.14	13.14	14.00
		165	5825		10.01	10.01	13.02	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-40	U-NII-1	38	5190	MCS0	11.11	11.18	14.16	15.00
		46	5230		11.23	11.33	14.29	15.00
	U-NII-2A	54	5270		11.40	11.46	14.44	15.00
		62	5310		11.39	11.43	14.42	15.00
	U-NII-2C	102	5510		10.11	10.13	13.13	14.00
		110	5550		10.21	10.17	13.20	14.00
		118	5590		10.25	10.23	13.25	14.00
		126	5630		10.23	10.23	13.24	14.00
		134	5670		10.06	10.14	13.11	14.00
	U-NII-3	151	5755		10.05	10.10	13.09	14.00
		159	5795		10.02	10.01	13.03	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax 80M	U-NII-1	42	5210	MCS0	10.87	10.86	13.88	15.00
	U-NII-2A	58	5290		10.93	10.90	13.93	15.00
	U-NII-2C	106	5530		9.97	9.95	12.97	14.00
		122	5610		9.90	9.77	12.85	14.00
	U-NII-3	155	5775		9.74	9.79	12.78	14.00

WIFI5G Ant7+9					Hotspot			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11a	U-NII-1	36	5180	6				
		40	5200					
		44	5220					
		48	5240					
	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					
		153	5765					
		157	5785					
		161	5805					
		165	5825					
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT20	U-NII-1	36	5180	MCS0	9.36	9.37	12.38	14.00
		40	5200		9.42	9.53	12.49	14.00
		44	5220		9.39	9.41	12.41	14.00
		48	5240		9.53	9.62	12.59	14.00
	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		6.85	6.96	9.92	11.00
		153	5765		7.20	7.25	10.24	11.00
		157	5785		7.38	7.35	10.38	11.00
		161	5805		7.18	7.26	10.23	11.00
		165	5825		7.13	7.18	10.17	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11n-HT40	U-NII-1	38	5190	MCS0	9.77	9.73	12.76	14.00
		46	5230		10.32	10.26	13.30	14.00

	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		7.67	7.55	10.62	11.00
		159	5795		7.17	7.24	10.22	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-20	U-NII-1	36	5180	MCS0	9.54	9.70	12.63	14.00
		40	5200		9.79	9.73	12.77	14.00
		44	5220		9.50	9.64	12.58	14.00
		48	5240		9.72	9.77	12.76	14.00
	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		7.33	7.35	10.35	11.00
		153	5765		7.20	7.06	10.14	11.00
		157	5785		7.20	7.31	10.27	11.00
		161	5805		7.26	7.17	10.23	11.00
		165	5825		7.25	7.28	10.28	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac-40	U-NII-1	38	5190	MCS0	9.91	9.95	12.94	14.00
		46	5230		10.27	10.28	13.29	14.00
	U-NII-2A	54	5270					
		62	5310					
	U-NII-	102	5510					

	2C	110	5550					
		118	5590					
		126	5630					
		134	5670					
	U-NII-3	151	5755		7.39	7.47	10.44	11.00
		159	5795		7.25	7.39	10.33	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ac 80M	U-NII-1	42	5210	MCS0	9.96	9.78	12.88	14.00
	U-NII-2A	58	5290					
	U-NII-2C	106	5530					
		122	5610					
	U-NII-3	155	5775		6.78	6.75	9.78	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-20	U-NII-1	36	5180	MCS0	9.77	9.62	12.71	14.00
		40	5200		9.85	9.73	12.80	14.00
		44	5220		9.53	9.70	12.63	14.00
		48	5240		9.78	9.86	12.83	14.00
	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		7.39	7.38	10.40	11.00
		153	5765		7.20	7.23	10.23	11.00
		157	5785		7.47	7.36	10.43	11.00
		161	5805		7.32	7.19	10.27	11.00
		165	5825		7.12	7.18	10.16	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax-	U-NII-1	38	5190	MCS0	10.07	10.20	13.15	14.00

40		46	5230		10.29	10.35	13.33	14.00
	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		7.07	7.17	10.13	11.00
		159	5795		7.03	7.06	10.06	11.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm) Ant7	Average Power (dBm) Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)-MIMO
802.11ax 80M	U-NII-1	42	5210	MCS0	10.02	9.97	13.01	14.00
	U-NII-2A	58	5290					
	U-NII-2C	106	5530					
		122	5610					
	U-NII-3	155	5775		6.74	6.75	9.76	11.00

5.3 Conducted Power of WIFI6E

WIFI 6E Ant7			Full power	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	9.00
	57	6235	7.28	9.00
	113	6515	6.95	8.00
	173	6815	7.69	9.00
	233	7115	-4.32	-3.00
802.11ax-HE40 MCS0	3	5965	10.21	11.00
	59	6245	9.31	11.00
	107	6485	9.45	11.00
	171	6805	9.80	11.00
	227	7085	9.17	11.00
802.11ax-HE80 MCS0	7	5985	14.25	15.00
	71	6305	14.09	15.00
	119	6545	14.77	15.00
	167	6785	14.59	15.00

	215	7025	14.02	15.00

WIFI 6E Ant7			Head Standalone	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	9.00
	57	6235	7.28	9.00
	113	6515	6.95	8.00
	173	6815	7.69	9.00
	233	7115	-4.32	-3.00
802.11ax-HE40 MCS0	3	5965	8.18	9.00
	59	6245	7.37	9.00
	107	6485	7.43	9.00
	171	6805	7.87	9.00
	227	7085	7.20	9.00
802.11ax-HE80 MCS0	7	5985	8.30	9.00
	71	6305	8.17	9.00
	119	6545	8.84	9.00
	167	6785	8.61	9.00
	215	7025	8.06	9.00

WIFI 6E Ant7			Body-worn Simultaneous	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	9.00
	57	6235	7.28	9.00
	113	6515	6.95	8.00
	173	6815	7.69	9.00
	233	7115	-4.32	-3.00
802.11ax-HE40 MCS0	3	5965	10.21	11.00
	59	6245	9.31	11.00
	107	6485	9.45	11.00
	171	6805	9.80	11.00

	227	7085	9.17	11.00
802.11ax-HE80 MCS0	7	5985	10.29	11.00
	71	6305	10.12	11.00
	119	6545	10.83	11.00
	167	6785	10.67	11.00
	215	7025	10.08	11.00

WIFI 6E Ant7			Hotspot	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	9.00
	57	6235	7.28	9.00
	113	6515	6.95	8.00
	173	6815	7.69	9.00
	233	7115	-4.32	-3.00
802.11ax-HE40 MCS0	3	5965	9.18	10.00
	59	6245	8.26	10.00
	107	6485	8.54	10.00
	171	6805	8.90	10.00
	227	7085	8.23	10.00
802.11ax-HE80 MCS0	7	5985	9.22	10.00
	71	6305	9.18	10.00
	119	6545	9.73	10.00
	167	6785	9.58	10.00
	215	7025	9.08	10.00

WIFI 6E Ant9			Full power	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.03	9.00
	57	6235	7.40	9.00
	113	6515	7.47	9.00
	173	6815	7.83	9.00
	233	7115	-4.28	-3.00

802.11ax-HE40 MCS0	3	5965	10.31	11.00
	59	6245	9.92	11.00
	107	6485	10.18	11.00
	171	6805	8.47	10.00
	227	7085	9.15	11.00
802.11ax-HE80 MCS0	7	5985	13.98	15.00
	71	6305	14.02	15.00
	119	6545	14.71	15.00
	167	6785	14.57	15.00
	215	7025	14.94	15.00

WIFI 6E Ant9			Body-worn& Hotspot	
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.03	9.00
	57	6235	7.40	9.00
	113	6515	7.47	9.00
	173	6815	7.83	9.00
	233	7115	-4.28	-3.00
802.11ax-HE40 MCS0	3	5965	10.31	11.00
	59	6245	9.92	11.00
	107	6485	10.18	11.00
	171	6805	8.47	10.00
	227	7085	9.15	11.00
802.11ax-HE80 MCS0	7	5985	12.07	13.00
	71	6305	12.09	13.00
	119	6545	12.79	13.00
	167	6785	12.63	13.00
	215	7025	12.96	13.00

WIFI 6E Ant7+9			Full power			
Mode	Channel	Frequency (MHz)	Average Power (dBm)-Ant7	Average Power (dBm)-Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	8.03	11.18	12.00
	57	6235	7.28	7.40	10.35	12.00
	113	6515	6.95	7.47	10.23	12.00
	173	6815	7.69	7.83	10.77	12.00
	233	7115	-4.32	-4.28	-1.29	0.00
802.11ax-HE40	3	5965	10.21	10.31	13.27	14.00

MCS0	59	6245	9.31	9.92	12.64	14.00
	107	6485	9.45	10.18	12.84	14.00
	171	6805	9.80	8.47	12.20	14.00
	227	7085	9.17	9.15	12.17	14.00
802.11ax-HE80 MCS0	7	5985	14.25	13.98	17.13	18.00
	71	6305	14.09	14.02	17.07	18.00
	119	6545	14.77	14.71	17.75	18.00
	167	6785	14.59	14.57	17.59	18.00
	215	7025	14.02	14.94	17.51	18.00

WIFI 6E Ant7+9			Head Standalone			
Mode	Channel	Frequency (MHz)	Average Power (dBm)-Ant7	Average Power (dBm)-Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	8.03	11.18	12.00
	57	6235	7.28	7.40	10.35	12.00
	113	6515	6.95	7.47	10.23	12.00
	173	6815	7.69	7.83	10.77	12.00
	233	7115	-4.32	-4.28	-1.29	0.00
802.11ax-HE40 MCS0	3	5965	9.47	9.22	12.36	13.00
	59	6245	8.49	8.78	11.65	13.00
	107	6485	8.49	9.12	11.83	13.00
	171	6805	8.91	7.46	11.26	13.00
	227	7085	8.38	8.05	11.23	13.00
802.11ax-HE80 MCS0	7	5985	9.41	8.85	12.15	13.00
	71	6305	9.36	8.88	12.14	13.00
	119	6545	9.99	9.60	12.81	13.00
	167	6785	9.56	9.50	12.54	13.00
	215	7025	9.00	9.89	12.48	13.00

WIFI 6E Ant7+9			Body-worn Simultaneous			
Mode	Channel	Frequency (MHz)	Average Power (dBm)-Ant7	Average Power (dBm)-Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	8.03	11.18	12.00
	57	6235	7.28	7.40	10.35	12.00
	113	6515	6.95	7.47	10.23	12.00
	173	6815	7.69	7.83	10.77	12.00
	233	7115	-4.32	-4.28	-1.29	0.00
802.11ax-HE40 MCS0	3	5965	10.21	10.31	13.27	14.00
	59	6245	9.31	9.92	12.64	14.00
	107	6485	9.45	10.18	12.84	14.00

	171	6805	9.80	8.47	12.20	14.00
	227	7085	9.17	9.15	12.17	14.00
802.11ax-HE80 MCS0	7	5985	12.17	12.25	15.22	16.00
	71	6305	12.07	12.00	15.05	16.00
	119	6545	12.76	12.75	15.77	16.00
	167	6785	12.61	12.62	15.63	16.00
	215	7025	12.79	12.31	15.57	16.00

WIFI 6E Ant7+9			Hotspot			
Mode	Channel	Frequency (MHz)	Average Power (dBm)-Ant7	Average Power (dBm)-Ant9	Average Power (dBm)-MIMO	Tune-up (dBm)
802.11ax-HE20 MCS0	1	5955	8.31	8.03	11.18	12.00
	57	6235	7.28	7.40	10.35	12.00
	113	6515	6.95	7.47	10.23	12.00
	173	6815	7.69	7.83	10.77	12.00
	233	7115	-4.32	-4.28	-1.29	0.00
802.11ax-HE40 MCS0	3	5965	10.21	10.31	13.27	14.00
	59	6245	9.31	9.92	12.64	14.00
	107	6485	9.45	10.18	12.84	14.00
	171	6805	9.80	8.47	12.20	14.00
	227	7085	9.17	9.15	12.17	14.00
802.11ax-HE80 MCS0	7	5985	11.29	11.06	14.19	15.00
	71	6305	11.14	11.16	14.16	15.00
	119	6545	11.88	11.75	14.83	15.00
	167	6785	11.51	11.57	14.55	15.00
	215	7025	11.10	11.80	14.47	15.00

6 Conducted Power of Bluetooth

BT		Average Conducted Power(dBm)			Tune-up (dBm)
Band	Channel	0	39	78	
BT	GFSK	7.12	7.49	6.59	9.00
	π/4DQPSK	4.36	4.78	3.98	5.00
	8DPSK	4.39	4.81	3.89	5.00
Band	Channel	0	19	39	Tune-up (dBm)
BLE 1M	GFSK	1.74	1.98	1.41	3.00
Band	Channel	1	19	38	Tune-up (dBm)
BLE 2M	GFSK	1.79	1.94	1.32	3.00

7 Conducted Power of LTE CA

7.1 Conducted Power of LTE UL CA

CA_5B Ant1										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20501	20600	QPSK	1	0	1	49	2	0	23.73	24.80
20501	20600	QPSK	25	0	1	49	2	0	22.86	23.80

7.2 Conducted Power of LTE DL CA

CA List	PCC								SCC1				SCC2				Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					22.33	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098					23.45	23.54
CA_2A-2A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					22.48	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175					23.46	23.54
CA_2A-4A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					22.46	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175					23.46	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900					22.56	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900					23.39	23.51
CA_2A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525					22.45	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525					23.33	23.54
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900					23.73	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900					23.77	23.96
CA_2A-12A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095					22.41	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095					23.38	23.54
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900					23.8	23.89
CA_2A-29A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 29	10M	722.5	9715					22.4	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 29	10M	722.5	9715					23.34	23.54
CA_2A-30A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 30	10M	2355	9820					22.38	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 30	10M	2355	9820					23.44	23.54
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900					22.48	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900					22	22.17
CA_2A-14A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330					22.48	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 14	10M	763	5330					23.32	23.54
	Band 14	1	10M	793	23230	QPSK	1	0	Band 2	20M	1960	900					24	24.09
CA_2A-17A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790					22.47	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 17	10M	740	5790					23.46	23.54
	Band 17	1	10M	710	23790	QPSK	1	0	Band 2	20M	1960	900					22.88	22.95
CA_2A-48A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830					22.33	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830					23.4	23.54
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 2	20M	1960	900					22.63	22.82
CA_2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786					22.33	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786					23.38	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900					22.46	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900					23.5	23.63
CA_2A-71A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 71	20M	637	68786					22.45	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 71	20M	637	68786					23.4	23.54
	Band 71	1	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900					23.75	23.86
CA_4A-4A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					22.57	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375					23.31	23.51
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					22.46	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525					23.4	23.51
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	5M	2152.5	2375					23.63	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 4	5M	2152.5	2375					23.85	23.96
CA_4A-12A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095					22.63	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095					23.46	23.51
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 4	5M	2152.5	2375					23.75	23.89
CA_4A-17A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790					22.45	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790					23.39	23.51
	Band 17	1	10M	710	23790	QPSK	1	0	Band 4	5M	2152.5	2375					22.77	22.95
CA_4A-48A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3609	55830					22.59	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 48	20M	3609	55830					23.45	23.51
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 4	5M	2152.5	2375					22.59	22.82
CA_4A-71A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786					22.53	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 71	20M	637	68786					23.3	23.51
	Band 71	1	20M	683	133322	QPSK	1	0	Band 4	5M	2152.5	2375					23.65	23.86
CA_5B	Band 5	1	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600					23.6	23.79
	Band 5	3	10M	834.1	20501	QPSK	1	0	Band 5	10M	889	2600					23.91	23.96
CA_5A-30A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820					23.64	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820					23.8	23.96
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525					22.51	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525					21.96	22.17
CA_5A-48A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 48	20M	3609	55830					23.61	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 48	20M	3609	55830					23.74	23.96
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 5	10M	881.5	2525					22.77	22.82

CA_5A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786					23.64	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786					23.76	23.96
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525					22.52	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525					23.53	23.63
CA_12A-30A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820					23.69	23.89
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095					22.53	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095					22.05	22.17
CA_12A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786					23.69	23.89
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					22.5	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095					23.5	23.63
CA_14A-30A	Band 14	1	10M	793	23230	QPSK	1	0	Band 30	10M	2355	9820					24.03	24.09
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 14	10M	763	5330					22.46	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 14	10M	763	5330					21.95	22.17
CA_14A-66A	Band 14	1	10M	793	23230	QPSK	1	0	Band 66	20M	2145	66786					23.93	24.09
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 14	10M	763	5330					22.48	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 14	10M	763	5330					23.49	23.63
CA_26A-48A	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 48	20M	3609	55830					24.04	24.10
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 26	15M	876.5	8865					22.59	22.82
CA_29A-30A	Band 30	1	10M	2310	27710	QPSK	1	0	Band 29	10M	722.5	9715					22.51	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 29	10M	722.5	9715					22.06	22.17
CA_30A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	Band 66	20M	2145	66786					22.59	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 66	20M	2145	66786					22.02	22.17
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 30	10M	2355	9820					22.52	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 30	10M	2355	9820					23.58	23.63
CA_48C	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028					22.77	22.82
CA_48A-48A	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715					22.71	22.82
CA_48A-66A	Band 48	5	20M	3609	55830	QPSK	1	0	Band 66	20M	2145	66786					22.6	22.82
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830					22.51	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830					23.45	23.63
CA_66B	Band 66	2	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979					22.43	22.58
	Band 66	3	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979					23.58	23.63
CA_66C	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984					22.41	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984					23.57	23.63
CA_66A-66A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111					22.51	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111					23.49	23.63
CA_66A-71A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786					22.37	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 71	20M	637	68786					23.52	23.63
	Band 71	1	20M	683	133322	QPSK	1	0	Band 66	20M	2145	66786					23.81	23.86
CA_2A-2A-4A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	22.35	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	23.48	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	22.6	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.39	23.51
CA_2A-2A-12A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	22.39	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 12	10M	737.5	5095	23.46	23.54
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.79	23.89
CA_2C-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	Band 66	20M	2145	66786	22.42	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	Band 66	20M	2145	66786	23.38	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 2	20M	1979.8	1098	22.35	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 2	20M	1979.8	1098	23.41	23.63
CA_2A-2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2145	66786	22.38	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 66	20M	2145	66786	23.4	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 2	20M	1979.8	1098	22.44	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 2	20M	1979.8	1098	23.42	23.63
CA_2A-2A-71A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	22.37	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 71	20M	637	68786	23.39	23.54
	Band 71	1	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 2	5M	1987.5	1175	23.69	23.86
CA_2A-4A-4A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	22.45	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.45	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960	900	22.5	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 2	20M	1960	900	23.42	23.51
CA_2A-4A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.37	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	23.35	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.59	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.33	23.51
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.64	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.73	23.96
CA_2A-4A-12A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	22.33	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 12	10M	737.5	5095	23.38	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.49	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	23.34	23.51

	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.8	23.89
CA_2A-4A-71A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	22.47	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 71	20M	637	68786	23.39	23.54
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 71	20M	637	68786	22.62	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	Band 71	20M	637	68786	23.39	23.51
	Band 71	1	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.64	23.86
CA_2A-5A-30A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	22.42	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	23.31	23.54
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 30	10M	2355	9820	23.64	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 30	10M	2355	9820	23.81	23.96
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.6	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	21.94	22.17
CA_2A-5A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.33	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	23.45	23.54
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.57	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.88	23.96
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	22.46	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 5	10M	881.5	2525	23.51	23.63
CA_2A-12A-30A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355	9820	22.41	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355	9820	23.33	23.54
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 30	10M	2355	9820	23.81	23.89
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.6	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	21.98	22.17
CA_2A-12A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2145	66786	22.35	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2145	66786	23.46	23.54
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.69	23.89
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	22.4	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 12	10M	737.5	5095	23.57	23.63
CA_2A-48C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 48	20M	3628.8	56028	22.32	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 48	20M	3628.8	56028	23.47	23.54
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 2	20M	1960	900	22.59	22.82
CA_2A-48A-48A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	22.5	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	23.41	23.54
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715	Band 2	20M	1960	900	22.64	22.82
CA_2A-48A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 66	20M	2145	66786	22.34	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 48	20M	3609	55830	Band 66	20M	2145	66786	23.43	23.54
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	22.71	22.82
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 48	20M	3625	55290	22.48	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 48	20M	3625	55290	23.41	23.63
CA_2A-66C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	22.32	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	23.44	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 2	20M	1960	900	22.38	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 2	20M	1960	900	23.58	23.63
CA_2A-66A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.4	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.38	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 2	20M	1960	900	22.45	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 2	20M	1960	900	23.43	23.63
CA_2A-66A-71A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 71	20M	637	68786	22.45	22.55
	Band 2	3	20M	1880	18900	QPSK	1	0	Band 66	20M	2145	66786	Band 71	20M	637	68786	23.43	23.54
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 71	20M	637	68786	22.41	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	Band 71	20M	637	68786	23.58	23.63
	Band 71	1	20M	683	133322	QPSK	1	0	Band 2	20M	1960	900	Band 66	20M	2145	66786	23.77	23.86
CA_4A-4A-12A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	22.48	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 12	10M	737.5	5095	23.37	23.51
	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.73	23.89
CA_4A-4A-71A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	22.5	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 71	20M	637	68786	23.37	23.51
	Band 71	1	20M	683	133322	QPSK	1	0	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	23.67	23.86
CA_4A-5A-30A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	22.57	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	23.28	23.51
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 30	10M	2355	9820	23.63	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	Band 30	10M	2355	9820	23.8	23.96
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.47	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.08	22.17
CA_4A-29A-30A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 29	10M	722.5	9715	Band 30	10M	2355	9820	22.59	22.68
	Band 4	3	20M	1732.5	20175	QPSK	1	0	Band 29	10M	722.5	9715	Band 30	10M	2355	9820	23.36	23.51
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 29	10M	722.5	9715	22.43	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 4	20M	2132.5	2175	Band 29	10M	722.5	9715	22.09	22.17
CA_5A-30A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	Band 66	20M	2145	66786	23.66	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 30	10M	2355	9820	Band 66	20M	2145	66786	23.91	23.96

	Band 30	1	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.48	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2145	66786	22.05	22.17
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	22.5	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 30	10M	2355	9820	23.48	23.63
CA_5A-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.74	23.79
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.78	23.96
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	22.4	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 5	10M	881.5	2525	23.43	23.63
CA_12A-30A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 30	10M	2355	9820	Band 66	20M	2145	66786	23.83	23.89
	Band 30	1	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2145	66786	22.59	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 12	10M	737.5	5095	Band 66	20M	2145	66786	22.08	22.17
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355	9820	22.35	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 12	10M	737.5	5095	Band 30	10M	2355	9820	23.54	23.63
CA_12A-66C	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	23.73	23.89
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 12	10M	737.5	5095	22.44	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 12	10M	737.5	5095	23.5	23.63
CA_12A-66A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.82	23.89
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 12	10M	737.5	5095	22.38	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 12	10M	737.5	5095	23.42	23.63
CA_26A-48A-48A	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 48	20M	3609	55830	Band 48	5M	3697.5	56715	23.88	24.10
	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715	Band 26	15M	876.5	8865	22.68	22.82
CA_30A-66A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.61	22.66
	Band 30	3	10M	2310	27710	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	22.08	22.17
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 30	10M	2355	9820	22.46	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 30	10M	2355	9820	23.47	23.63
CA_48D	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 48	20M	3679	56530	22.75	22.82
CA_48C-48A	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 48	5M	3697.5	56715	22.74	22.82
	Band 48	5	20M	3690	56640	QPSK	1	0	Band 48	20M	3609	55830	Band 48	20M	3628.8	56028	22.63	22.82
CA_48A-48A-66A	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	5M	3697.5	56715	Band 66	20M	2145	66786	22.6	22.82
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55290	Band 48	5M	3697.5	56715	22.5	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 48	20M	3625	55290	Band 48	5M	3697.5	56715	23.45	23.63
CA_48C-66A	Band 48	5	20M	3609	55830	QPSK	1	0	Band 48	20M	3628.8	56028	Band 66	20M	2145	66786	22.77	22.82
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830	Band 48	20M	3628.8	56028	22.51	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 48	20M	3609	55830	Band 48	20M	3628.8	56028	23.54	23.63
CA_66A-66A-71A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 71	20M	637	68786	22.44	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	Band 71	20M	637	68786	23.58	23.63
	Band 71	1	20M	683	133322	QPSK	1	0	Band 66	20M	2145	66786	Band 66	5M	2177.5	67111	23.65	23.86
CA_66C-71A	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 71	20M	637	68786	22.44	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 71	20M	637	68786	23.44	23.63
	Band 71	1	20M	683	133322	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	23.79	23.86
CA_66A-66C	Band 66	2	20M	1710	131972	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	22.32	22.48
	Band 66	3	20M	1710	131972	QPSK	1	0	Band 66	20M	2145	66786	Band 66	20M	2164.8	66984	23.46	23.51
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 66	20M	2110	66436	22.38	22.58
	Band 66	3	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	Band 66	20M	2110	66436	23.43	23.63